

2018 MEDIA GUIDE



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2018 GAME

MARCH - APRIL

SUN	MON	TUE	WED	THU	FRI	SAT
				29	30	31
				DET 1:10		DET 1:10
DET 1	₹ 2	3	Ġ.	C	0	C'
1:10	1:05		6:05	7:05	7:05	7:05
8	9	10	11	12	13	14
1:35	CHI 2:20		CHI 8:05	CHI 2:20	MIA 7:10	MIA 7:10
15 MIA 1:10	7:05	7:05	18 12:35	19 PHI 7:05	20 PHI 7:05	PHI 4:05
PHI 1:35	23	通²⁴ 7:05	到 257:05	到 ²⁶ 12:35	7:05	7:05
1:35	30 WAS 7:05					

JULY

SUN	MON	TUE	WED	THU	FRI	SAT
SD 4:10	LAD 10:10	LAD 10:10	4 LAD 8:10	5	P 6 7:05	P 7
P 8	7:05 9	7:05	11 12:35	7:05	7:05	4:05
1:35	16 2018 A	17 LL-STAR	18 BREAK	19	20 CIN 7:10	21 CIN 7:10
22 CIN 1:10	23 CLE 7:10	24 CLE 7:10	25 CLE 1:10	7:05	7:05	7:05
1:35	30	7:05				

MAY

SUN	MON	TUE	WED	THU	FR	SAT
		1	2	3	4	5
		WAS 7:05	WAS 7:05	WAS 1:05	MIL 8:10	MIL 7:10
MIL 2:10	7	CWS 8:10	CWS 2:10	10	7:05	7:05
1:35 1:35	14	7:05	12:35 T	7:05	7:05	7:05
5 20 1:35	21	22 CIN 7:10	23 CIN 7:10	24 CIN 12:35	7:05	4:05
1:35	1:35 28	7:05	7:05	31 STL 7:15		

AUGUST

SUN	MON	TUE	WED	THU	FRI	SAT
			© 1	2	7:05	7:05
₽ 5	6	7	7.03	9	10	7.03
1:35	COL 8:40	COL 8:40	COL 3:10	SF 10:15	SF 10:15	SF 9:05
SF 4:05	13	14 MIN 8:10	15 MIN 1:10	7:05	7:05	7:05
(C) 19	7:05	7:05	7:05	23	24 MIL 8:10	25 MIL 7:10
26	27	28	29	30	31	
MIL 2:10		STL 8:15	STL 8:15	STL 7:15	ATL 7:35	

JUNE

SUN	MON	TUE	WED	THU	FRI	SAT
					STL 8:15	STL 2:15
STL 2:15	4	7:05	7:05	12:35	CHI 2:20	9 CHI 2:20
10 CHI 2:20	11 ARI 9:40	12 ARI 9:40	13 ARI 3:40	14	7:05	4:05
1:35	7:05	7:05	7:05	7:05	7:05	4:05
1:35	25 NYM 7:10	26 NYM 7:10	27 NYM 7:10	28	29 SD 10:10	30 SD 10:10

SEPTEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
						ATL 7:10
ATL 5:05	1:35	7:05	7:05	6	7:05	7:05
1:35 9	10 STL 8:15	11 STL 8:15	12 STL 1:15	13	14 MIL 8:10	15 MIL 7:10
16 MIL 2:10	KC 17 7:05 □	KC 18 7:05 □	7:05 F	20	7:05	7:05
@A 23	24	25	26	27	28	29
1:35	CHI 8:05	CHI 8:05	CHI 8:05	CHI 8:05	CIN 6:40	CIN 4:10
30 CIN 3:10						

home away interleague games

pirates.com

LET'S GOCS

The 2018 Pittsburgh Pirates Media Guide was researched, written and edited by Jim Trdinich and Dan Hart. Publication was designed by Creg Milko, Kaitlin Lusty and Cheyenne Kressley. Special thanks to Kiley Cauvel, Samantha Lynn & Mayu Fielding. Photography by Team Photographer Dave Arrigo and Joe Guzy. Information within is updated through February 17, 2018.

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CLUB DIRECTORY

EXECUTIVE

Chairman of the Board	Bob Nutting
President	Frank Coonelly
Senior Vice President, Business Affairs & General Counsel	Bryan Stroh
Associate Counsel	Frankie Garland
Executive Assistant	

LIMITED PARTNERS

Bruce L. Adams Michael Brenner Dennis L. Adams Robert J. Brooks William B. Allen **CBS** Corporation Donald Beaver Dennis D. Heindl James M. Johnson Thomas P. Johnson, Jr. Mary Means G. Ogden Nutting

Robert Nutting William Nutting

FRONT OFFICE

BASEB	A I I	ODED	ATIONS
BASEB	ALL	OPER	AHUNS

BASEBALL OPERA	ATIONS
Executive Vice President, General Manager	
Vice President, Assistant General Manager	
Assistant General Manager	
Special Assistant to the General Manager	
	bel, Greg Smith, Doug Strange
Special Assistant to GM, Cultural Initiatives	
Traveling Secretary	
Senior Director, Baseball Informatics	
Senior Director, Minor League Operations	
Senior Director, Amateur Scouting	
Director, Personnel	
Director, Pro Scouting	
Director, International Scouting	
Director, Baseball Operations	
Director, Sports Medicine Director, Mental Strength	
Director, Cultural Initiatives	
Director, Sports Nutrition & Fueling	
Assistant Director, Minor League Operations	
Assistant Director, Amateur Scouting	
Assistant Director, International Scouting	
Senior Coordinator, Rehab & Athlete Developm	nent A I Patrick
Coordinator, International Scouting	
Coordinator, Mental Strength	
Coordinator, Athletic Development	
Coordinator, Sports Science	
Coordinator, Minor League Operations	T.J. Large
Coordinator, Medical Services	Carl Randolph
Coordinator, Team Video	Kevin V. Roach
Coordinator, Amateur Scouting	Matt Skirving
Analyst, Baseball Informatics	
Developer, Baseball Informatics	
Data Architect	
Major League Quantitative Analyst	
Quantitative Analyst	
Assistant, Baseball Operations	Trey Rose
Assistant, Scouting	
Head Major League Athletic Trainer	
Assistant Major League Athletic Trainer	
Physical Therapist	Kevin "Utis" Fitzgerald
Strength & Conditioning Coach	
Home Clubhouse Manager	
Visiting Clubhouse Manager Assistant Equipment Manager	
Video Advance Scout	
Minor League Video Coordinator	
minor League video Coordinator	

FINANCE/ADMINISTRATION

I IIIAIICE/ ADIIIIIISTIKA	~ I I O I I
Executive Vice President & CFO	Jim Plake
Director, Finance & Accounting	Libby Waltman
Manager, Ticket Accounting & Reporting	Dave Wysocki
Manager, Accounts Payable	Judy Hindes
Accounts Payable Supervisor	Karen Gallagher
Financial Accountant & Analyst	Meredith Lackey

HUMAN RESOURCES

Vice President, Human Resources & Business Affair:	sMarcy McGovern
Director, Human Resources	Kimberlee Matthews
Manager, Benefits and Payroll	Laura Kallop
Payroll Clerk	Lorraine Moorhead
Specialist Human Resources	Christina Nellis

INFORMATION TECHNOLOGY

Senior Director, Information Technology	Terry Zeigler
Manager, IT Operations	Jeff Hammond
Manager, IT Services	Kip DeBaker
Network Administrator	Bill Balzer
Systems Analyst	Sonya Barber
IT Analyst, Baseball Operations	Stephen McCulloch
IT Analyst, Business	Andrew Fitzpatrick
Desktop Administrator	Chris Zorich
Programmer/Analyst	Matt Zourelias

COMMUNICATIONS

Vice President, Communications & Broadcasting	Brian Warecki
Director, Baseball Communications	Jim Trdinich
Director, Broadcasting	Marc Garda
Director, Media Relations	Dan Hart
Manager, Business Communications & Social Media.	Terry Rodgers
Coordinator, New Media Content & Graphics	Creg Milko
Team Photographer	Dave Arrigo
Play-by-Play Announcers	Greg Brown, Joe Block
Color Analyst/Alumni Representative	Steve Blass
Color Analysts	Bob Walk, John Wehner

COMMUNITY & PUBLIC AFFAIRS

COLLIGIAL CONTRACTOR	,
Senior Vice President, Community & Public Affairs	Patty Salerno
Administrative Assistant	Robin Hanna
Director, Community Relations	Michelle Capobianco
Manager, Pirates Charities	Jackie Hunter
Manager, Youth Baseball Initiatives	Chris Ganter
Coordinator, Community Relations	Jona DeChellis
Coordinator, Community Outreach	Joel Grav

GENERAL

MARKETING	ANALYTICS & STRATEGY
Senior Vice President, RevenueBrian Colbert	Senior Director, Business Analytics & Strategylim Alexander
Administrative AssistantAnn Laux	Director, Business Analytics & StrategyJason Witzberger
Senior Director, Marketing & Special EventsBrian Chiera	Manager, Business Analytics & Strategy Mitchell Briner
Director, Advertising & Creative ServicesKiley Cauvel	Coordinator, Business Analytics & StrategyTomas Benzo
Director, Special Events & Game Presentation	
Manager, Special Events	PNC PARK OPERATIONS
Mascot Coordinator	Executive Vice President & General Manager of PNC Park Dennis DaPra
Director, PNC Park EventsAnn Elder	Vice President, Ballpark OperationsChris Hunter
Coordinator, PNC Park EventsHali Brill	Director, Field OperationsMatt Brown
Coordinator, PNC Park EventsJaclene Joseph	Director, Guest ExperienceChuck Miller
Senior Graphic Designer	Tour SupervisorJuliana Zeravica
Graphic Designers	Manager, Cleaning OperationsSissy Burkhart
Manager, Advertising & Digital MarketingHaley Artayet	Manager, Guest ExperienceShaun Higgins
Coordinator, AdvertisingSamantha Lynn	Manager, Ballpark OperationsJ.J. McGraw
Media Producer	Manager, Field OperationsEric Ogden
Manager, Game PresentationMatt Zidik	Manager, Security/Service Operations Mark Weaver
Production Coordinators, Game Presentation Jon Cofer, Paige Paskorz	Coordinator, Operations
Operations Coordinator, Game PresentationMarty Corbett	Coordinator, Ballpark MaintenanceMatthew Butter
Director, Alumni Affairs, Promotions & LicensingJoe Billetdeaux	Coordinator, Ballpark OperationsAdam Geither
Manager, Promotions, Licensing & AuthenticsMegan Vizzini	Operations AdministratorPatty Mihalics
Coordinator, Promotions & AuthenticsMatthew Merikas	Field Maintenance Supervisors Andrew Burnette, Evan Mascitti
Public Address Announcer	Ballpark Maintenance WorkersMike Adrian, Paul Azoury.
President, Pirates Alumni Association	Dan Dabecco, Mike Welsh
	Dan Dabecco, Mike Welsh Chief EngineerJames LaGuardia
CORPORATE SPONSORSHIP	Assistant Chief EngineerKevin Landy
Vice President, Corporate PartnershipsAaron Cohn	EngineersJoe Costello, Doug Moore, Tom Rippole, Dan Winters
Manager, Client ServicesBrittany Ryce	Electrician
Coordinator, Client ServicesJohn Bray, Casey Slabe, Katie Shockey	24-Hour Security Supervisor
Senior Account Manager, Corporate Partnerships Dave Shinsky	24-Hour Security OfficersWalter Cohen, Chris Ebert, Ron Lechner,
Manager, Corporate Partnerships	Jack Osgood, Myra Smith, Scott Yingling
Account Manager, Corporate PartnershipsJoe Arnstein, Ted Hritz	Premium Level Premium LevelSuzanne Brown
	Daylight Supervisor
TICKET SALES & SERVICE	Cleaning Supervisor
GROUP TICKET SALES & HOSPITALITY	Cleaning Day PortersEddie Sanders, Maude Searcy
Director, Group Sales & HospitalityCassie Wilkinson	Cleaning Operations Night ManagerBill Evans
Senior Account Manager, Group Sales & Hospitality Charlene Cheroke,	Ciculing Operations Hight Harlager
Chad Glover, Angela Zandier	FLORIDA OPERATIONS
Account Manager, Group Sales & Hospitality Joshua Avart, Marla Benzenhafer,	Senior Director, Florida & Dominican OperationsJeff Podobnik
Dev Kumar, Alexandra Layman, Tyler Lippard	Director, Sales & Marketing/GM of MaraudersRachelle Madrigal
Brice Nikithser, Mark Niskach, Cody Sharik	Manager, GroundsAndy Bartley
NEW BUSINESS DEVELOPMENT	Manager, ConcessionsChuck Knapp
	Manager, Communications & In-Game EntertainmentNate March
Account Executive, New Business DevelopmentNathan Bell, Dakota Conwell, Joe DeNardo, Casey McGrath	Manager, Florida OperationsRay Morris
	Manager, Ticket Sales/Assistant GM of MaraudersCraig Warzecha
Account Manager, Premium Seating Sales	Generalist, Human ResourcesFrancisco Wen
Sales Associate, B.U.C.S. AcademyJason Matteson, Angelina Pachuda	Coordinator, Corporate Partnerships and TicketingSean Banks
TICKET OPERATIONS	Coordinator, Education Mayu Fielding
Director, Ticket OperationsDoug Vanderheyden	Coordinator, Florida OperationsSpencer Fogel
Manager, Ticket Operations	Coordinator, Marketing and Community RelationsKatie Fritz
Manager, Ticket SystemsStacy Rice	Coordinator, LECOM Park OperationsNick Long
Coordinator, Ticket Operations Ed Bujalski, Amy Fisher, Dave Woncheck	Coordinator, Concessions Erika Rolando
	IT AnalystPatricio Zuniga Jr.
SEASON TICKET SERVICE & RETENTION	Staff AccountantStephen Doll
Senior Director, Membership & Retention	Account Manager, Ticket SalesNolan Bialek
Manager, Membership & Special ProjectsAndrew Giambroni	Ticket Sales RepresentativesZach Henkel, Adam Wallace
Senior Account Manager, Premium MembershipsJordan Wadsworth	Superintendent of Grounds, LECOM ParkVictor Madrigal
Account Manager, Premium MembershipsSteve Morse	Grounds Crew LeadAlfonso Aguilar
Senior Account Manager, Membership & RetentionRyan Vizzini	GroundskeepersMatthew Donia, Domingo Gil, Mark Plut,
Account Manager, Membership & Retention Rich Hohler, Val Kercher,	Andres Hernandez, Roberto Mancillas, Hector Rodriguez
Jonathan Ketzlach, Kyle Lefeber, Kevin P. Roach,	Minor League Equipment & Clubhouse ManagerPat Hagerty
Breanna Tongel, Deanne Zatko	Assistant Minor League Equipment ManagersScott Barnes, Joshua Hamp,
PREMIUM SALES & SERVICE	Assistant rimor League Equipment rianagersscott barries, Joshda Harrip, Mark McKnight
Director, Suite Service & RetentionTerri Popovich	Clubhouse AssistantsKenny Berdejo, Drake Corbino, David Wilder
Coordinator, Suite Service & Retention Erinn MaGuire	Administrative Assistant
,	Assistant, Florida OperationsJoe Macisso, James Sullivan, Tim Yurmanovich
	rossam, rivina operatorissoc racisso, suntes sunivar, filit tallilativici

OPS

EXECUTIVE BIOGRAPHIES

BOB NUTTING

ROBERT (BOB) NUTTING serves as Chairman of the Board of the Pittsburgh Pirates. Nutting assumed control of the club in 2007, thus becoming the sixth principal owner in the history of the Pittsburgh Pirates. He has served as Chairman of the Board and represented his family's interest in the club since 2003.

Nutting's family roots in the greater Pittsburgh region date back as long as the Pirates 130-year history. Nutting brings a long history of building successful organizations and a multi-generational commitment to the economic growth in the Pittsburgh region.

Nutting's dedication to giving back to the community in every aspect of his life has brought a newfound philanthropic commitment to the Pirates organization. He has led Pirates Charities, the Club's official philanthropic arm, in making an even deeper, positive impact off the field by being actively engaged in the community.

As Chairman of Pirates Charities, Nutting has focused the efforts of Pirates Charities on the core pillars of improving youth health, fitness and education, supporting those affected by cancer and assisting military personnel and their families.

Nutting has also demonstrated the organization's commitment to providing Pirates players with the best-of-class facilities. In addition, Nutting has worked to ensure that Pittsburgh remains home to "The Best Ballpark in

CHAIRMAN OF THE BOARD

America" by enhancing and promoting the family friendly environment at PNC Park through numerous upgrades and new amenities.

An avid outdoorsman and conservationist, Nutting is a driving force behind the Pirates award-winning "Let's

Go Bucs. Let's Go Green." initiative to make PNC Park operations more environmentally friendly. Nutting currently serves on the Board of the Green Sports Alliance, a leading, nonprofit organization focused on leveraging the influence of sports to promote healthy, sustainable communities.

In addition to the Pirates, Nutting serves as

President and CEO of Ogden Newspapers, Inc., representing the fourth generation of the family owned company. Nutting also serves as Chairman of Seven Springs Mountain Resort and Hidden Valley Resort

PERSONAL: Robert M. Nutting...Serves on the Board of a number of local and national organizations focused on education, the arts and conservation... Bob is an avid fly fisherman and licensed pilot.



Bob received a Lifetime Achievement Award in 2016 at the Pittsburgh Opera's Maecenas XXXII gala for his work in philanthropy newspaper journalism, the environment and professional sports.

PITTSBURGH PIRATES PRINCIPAL OWNERS

 Barney Dreyfuss
 .1900 - 1932

 Florence W. Dreyfuss
 .1932 - August 8, 1946

John Galbreath..... August 8, 1946 - October 2, 1985

Pittsburgh Associates October 2, 1985 - February 14, 1996

 Kevin McClatchy
 February 14, 1996 - January 18, 2007

 Bob Nutting
 January 18, 2007 - Present



FRANK COONELLY

FRANK COONELLY is responsible for the day-to-day operations of the organization. Frank leads the Pirates'

senior management team and is accountable for the organization's success on and off the field.

Prior to joining the Pirates on September 13, 2007, Frank served as Senior Vice President and General Counsel of Labor in the Commissioner's Office where he negotiated and administered collective bargaining agreements with the Major League Baseball Players Association and the World Umpires Association. Frank led a staff of attorneys who represented the Commissioner and the 30 Clubs in the litigation and arbitration of labor matters and provided contract and economic advice to the 30 Clubs.

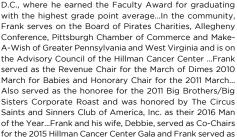
Prior to joining the Commissioner's Office in 1998, Coonelly practiced labor and employment law as a Partner in the Washington, D.C. office of Morgan, Lewis & Bockius. A large part of Frank's practice at Morgan Lewis consisted of the representation of Major League Baseball as outside labor

counsel. In that role, Frank assisted the Commissioner in collective bargaining and other litigation matters. He also represented several individual Clubs in salary arbitration matters.

PERSONAL: Frank Coonelly...Born on 3/31/60 in Philadelphia, PA... Wife's name is Debbie...Four children: daughters Erin (30), Tara (28) and Kelley (27) and son Kyle (24)... Attended William Tennent High School in Warminster, PA, where he

TEAM PRESIDENT

was captain of the ice hockey team... Graduated with high distinction from Penn State University with a bachelor's degree in Public Service in 1983...Earned his JD from Catholic University Law School in Washington,



Honorary Gala Chair for the das Honorary Gala Chair for the 2014 Autism Connection Gala... Was honored along with the Pittsburgh Pirates by the Chuck Cooper Foundation with the 2014 Career Achievement in Leadership, Diversity and Community Service Award...Mentors Penn State Liberal Arts students throughout the College's Alumni Mentoring Program...Received the Penn State Alumni Fellow Award in 2016.



MAJOR LEAGUE BALLPARKS BY AGE

BALLPARK	CITY	OPENED	AGE
Fenway Park	Boston	1912	106
Wrigley Field	Chicago	1914	104
Dodger Stadium	Los Angeles	1962	56
Angel Stadium of Anaheim	Anaheim	1966	52
Oakland Coliseum	Oakland	1968	50
Kauffman Stadium	Kansas City	1973	45
Rogers Centre	Toronto	1989	29
U.S. Cellular Field	Chicago	1991	27
Oriole Park At Camden Yards	Baltimore	1992	26
Progressive Field	Cleveland	1994	24
Globe Life Park In Arlington	Arlington	1994	24
Coors Field	Denver	1995	23
Chase Field	Phoenix	1998	20
Tropicana Field	Tampa	1998	20
Safeco Field	Seattle	1999	19
Comerica Park	Detroit	2000	18
Minute Maid Park	Houston	2000	18
AT&T Park	San Francisco	2000	18
PNC PARK	PITTSBURGH	2001	17
Miller Park	Milwaukee	2001	17
Great American Ball Park	Cincinnati	2003	15
Citizens Bank Park	Philadelphia	2004	14
Petco Park	San Diego	2004	14
Busch Stadium	St. Louis	2006	12
Nationals Park	Washington, DC	2008	10
Citi Field	New York	2009	9
Yankee Stadium	New York	2009	9
Target Field	Minneapolis	2010	8
Marlins Park	Miami	2012	6
SunTrust Park	Atlanta	2017	1

PITTSBURGH PIRATES EXECUTIVES



EXECUTIVE VICE PRESIDENT & GENERAL MANAGER OF PNC PARK



JIM PLAKE

& CHIEF FINANCIAL OFFICER



BRIAN COLBERT

SENIOR VICE PRESIDENT. REVENUE



PATTY SALERNO

SENIOR VICE PRESIDENT OF COMMUNITY AND **PUBLIC AFFAIRS**



BRYAN STROH

SENIOR VICE PRESIDENT. BUSINESS AFFAIRS AND GENERAL COUNSEL



AARON COHN

VICE PRESIDENT CORPORATE PARTNERSHIPS



CHRIS HUNTER

VICE PRESIDENT PNC PARK OPERATIONS



MARCY McGOVERN

VICE PRESIDENT **HUMAN RESOURCES & BUSINESS AFFAIRS**



VICE PRESIDENT **COMMUNICATIONS &**

BROADCASTING

PIRATES FRONT OFFICE STAFF



Mike Adrian PNC Park Operations



Alfonso Aguilar Florida Operations



Jim Alexander **Business Analytics**



Dave Allison PNC Park Operations



Joe Arnstein Corporate Partnerships



Dave Arrigo Communications



Haley Artayet Marketing



Josh Avart Group Sales



Paul Azoury PNC Park Operations



Carly Baez Florida Operations



Bill Balzer Information Technology



Sean Banks Florida Operations



Sonya Barber Information Technology



Scott Barnes Florida Operations



Andrew Bartley Florida Operations



Nathan Bell Inside Sales



Marla Benzenhafer Group Sales



Tomas Benzo Analytics



Nolan Bialek Florida Operations



Joe Billetdeaux Alumni Affairs



Casey Both Ticket Operations



John Bray Corporate Sponsorship



Mitchell Briner Analytics



Ken Brown Marketing



Matt Brown PNC Park Operations



Steph Brown PNC Park Operations



Ed Bujalski Ticket Operations



Sissy Burkhart PNC Park Operations



Andrew Burnette PNC Park Operations



Matt Butter Baseball Operations



Clark Cairns Marketing



Michelle Capobianco Community and Public Affairs



Kiley Cauvel Marketing



Charlene Cheroke Group Sales



Brian Chiera Marketing



Jon Cofer Marketing



Walter Cohen PNC Park Operations



Dakota Conwell Inside Sales



Bob Cook Baseball Opertations



Marty Corbett Marketing



Joseph Costello PNC Park Operations



Dan Dabecco PNC Park Operations



Kip DeBaker Information Technology



Jona DeChellis Community and Public Affairs



Joe DeNardo Inside Sales



Stephen Doll Finance



Matt Donia Florida Operations



Hali Dougherty-Brill PNC Park Events



Joe Douglas Baseball Operations



Chris Ebert PNC Park Operations



Dave Ebert PNC Park Operations



Ann Elder PNC Park Events



Casey Ellis Premium Sales



Jeff Evans PNC Park Operations



Bill Evans PNC Park Operations



Mayu Fielding Florida Operations



Amy Fisher Ticket Operations



Andrew Fitzpatrick Information Technology



Spencer Fogel Florida Operations



Katie Fritz Florida Operations



Karen Gallagher Finance



Chris Ganter Community and Public Affairs



Marc Garda Communications



Frankie Garland Executive



Ryan Gaynor Video



Adam Geither PNC Park Operations



Andrew Giambroni Season Ticket Service & Retention



Andrew Gibson Baseball Operations



Domingo Gil Florida Operations



Chad Glover Group Sales



Joel Gray Community & Public Affairs



Tina Greczek Human Resources



Pat Hagerty Florida Operations



Jeff Hammond Information Technology



Josh Hamp Florida Operations



Robin Hanna Community & Public Affairs



Dan Hart Communications



Andres Hernandez Florida Operations



Shaun Higgins PNC Park Operations



Judy Hindes Finances



Richard Hohler Season Ticket Services & Retention Corporate Partnerships



Ted Hritz



Baseball Operations



Community & Public Affairs

GENERAL



Greg Johnson Baseball Operations



Jaclene Joseph PNC Park Events



Laura Kallop Human Resources



Val Kercher Season Ticket Service & Retention Season Ticket Service & Retention



Jonathan Ketzlach



Chuck Knapp Florida Operations



Bill Komora PNC Park Operations



Jason Koval Marketing



Cheyenne Kressley Marketing



Dev Kumar Group Sales



Meredith Lackey Finance



James LaGuardia PNC Park Operations



Kevin Landy PNC Park Operations



T.J. Large Florida Operations



Ann Laux Marketing



Alexandra Layman Group Sales



Ron Lechner PNC Park Operations



Kyle Lefeber Season Ticket Service & Retention



Tyler Lippard New Business Development



Nick Long Florida Operations



Marketing



Marketing



Florida Operations



Florida Operations



Erinn Maguire Premium Sales



Roberto Mancillas Florida Operations



Nate March Florida Operations



Evan Mascitti PNC Park Operations



Human Resources



Matthew Maurice PNC Park Operations



Stephen McCulloch Information Technology



Casey McGrath New Business Development



J.J. McGraw PNC Park Operations



Mark McKnight Florida Operations



Tomas Membreno Florida Operations



Matt Merikas Marketing



Patty Mihalics PNC Park Operations



Creg Milko Communications



Chuck Miller PNC Park Operations



Douglas Moore PNC Park Operations



Lorraine Moorhead Human Resources



Ray Morris Florida Operations



Stephen Morse Justin Newman
Ticket Sales Baseball Operations



Brice Nikithser Group Sales



Mark Niskach Group Sales



Eric Ogden PNC Park Operations



John Osgood PNC Park Operations



Paige Paskorz Marketing



Mark Plut Florida Operations



Jeff Podobnik Florida Operations



Jim Popovich Season Ticket Service & Retention



Stacy Rice Ticket Operations



Thomas Rippole
PNC Park Operations



Kevin P. Roach Ticket Sales



Monica Robinson Executive



Terry Rodgers
Communications



Hector Rodriguez



Erika Rolando Florida Operations



Trey Rose
Baseball Operations



Brittany Ryce Corporate Partnerships



Eddie Sanders PNC Park Operations



Tony Schultz PNC Park Operations



Maude Searcy PNC Park Operations



Brian Selman Baseball Operations



Christine Serkoo Marketing



Cody Sharik Group Sales



Dave Shinsky Corporate Partnerships



Katie Shockey Corporate Partnerships



Matt Skirving Baseball Operations



Casey Slabe Corporate Partnerships



Josh Smith
Baseball Operations



Myra Smith PNC Park Operations



Terri Smith Premium Sales



Florida Operations



Corporate Partnerships



Season Ticket Service & Retention



Jim Trdinich Communications



Doug Vanderheyden
Ticket Operations



Megan Vizzini Marketing



Ryan Vizzini Ticket Sales



Jordan Wadsworth Season Ticket Service & Retention



ibby Waltman Finance



Florida Operations



Mark Weaver PNC Park Operations



Mike Welsh PNC Park Operations



Francisco Wen Human Resources



Rachel Whitlinger Marketing



Cassie Wilkinson Group Sales



Dan Winters PNC Park Operations



Jason Witzberger Business Analytics



Dave Woncheck Ticket Operations



Finance



PNC Park Operations



Angela Zandier Group Sales



Deanne Zatko
Season Ticket Service & Retention



Terry Zeigler Information Technology



Juliana Zeravica PNC Park Operations



Marketing



Emily Zikoski Communications



Chris Zorich Information Technology



Matt Zourelias Information Technologyn



Patricio Zuniga Jr. Florida Operations



HISTORY





PIRATES CHARITIES PROGRAM HIGHLIGHTS

MISSION STATEMENT

2017

Pirates Charities is committed to strengthening the community by supporting organizations and programs aimed at improving the lives of children and adults in the greater Pittsburgh region. Pirates Charities places a special emphasis on supporting youth programs focused on health, fitness and education by developing partnerships with those who share in our mission.

In addition to helping youth, Pirates Charities provides assistance to military families and veterans, and offers

support to those in our community who are fighting cancer. Thanks to the generosity of the Pirates organization, its players, fans, corporate sponsors and community partners, Pirates Charities is proud to fulfill this mission throughout the Pirates season and all year long!

Pirates Charities is a recognized 501(c)(3) charitable organization. The official registration and financial information of Pirates Charities may be obtained from the Pennsylvania Department of State by calling toll free, within Pennsylvania, 1 (800) 732-0999. Registration does not imply endorsement.









REVIEW

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PIRATES CHARITIES











YOUTH BASEBALL



EDUCATION



MIRACLE LEAGUE

The Pirates and the Miracle League believe that every child deserves the chance to play baseball. This shared belief is the reason why supporting Miracle League programs throughout the Pittsburgh region and Bradenton, Florida is an ongoing signature project of Pirates Charities. These unique fields are designed to support children and adults with special needs and open up the game of baseball to anyone who wants to play.

In addition to providing funding for the construction of a number of fields, Pirates Charities contributes to ongoing maintenance projects such as the Miracle League of Manasota's field resurfacing in 2017, and provides annual operating support. Pirates Charities also gives kids the chance to learn from their heroes by hosting six Miracle League Fantasy Camps, in partnership with Baseball Fantasy Camp for Kids, where kids get baseball tips from celebrity guests such as Pirates players, mascots and alumni

In 2017, Pirates Charities also partnered with the Bristol Pirates (Pirates Rookie-Appalachian League affiliate) to help found a Challenger League in Bristol, Challenger is a division of Little League Baseball that is adapted for children with special needs.

RBI

Kids in Pittsburgh and in Bradenton have the opportunity to participate in Major League Baseball's Reviving Baseball in Inner Cities (RBI) program thanks to Pirates Charities support. RBI participants receive complimentary coaching and training, as well as baseball and softball equipment and uniforms when needed.

PLAY BALL

Pirates Play Ball (pirates.com/playball) is an online hub that centralizes many resources available to coaches, parents and youth. There, fans can view instructional videos featuring Pirates players, sign up for winter coaching clinics provided by the Pirates and Dick's Sporting Goods, and learn about ongoing instructional opportunities and events.

FIELDS FOR KIDS

Pirates Charities has helped to provide safe places to play ball since 2009 through "Fields for Kids," with funding support from the Grable Foundation. In 2017, 44 individual youth baseball and softball associations received matching grants, including grants of \$25,000 each to Brookline Little League and Hampton Athletic Association for field renovations.

ACTION MATH BASEBALL

Action Math Baseball is a baseball-themed math curriculum suitable for in-school and after-school programs. Supported by Neal and Becca Huntington, Action Math uses baseball statistics to teach math concepts. Beginning with a teacher training in January, the program culminated in a Pittsburgh Regional World Series at PNC Park's Hall of Fame Club in April. More than 60 teams representing over 2,000 youth across the region competed at the 2017 Tournament.

MILITARY



MILITARY THURSDAYS

Each Thursday home game at PNC Park was designated a Military Thursday in 2017, Pirates players were camouflage jerseys to honor our service men and women, and Pirates Charities selected a different nonprofit organization to recognize each game that serves veterans and members of our military. The honoree nonprofit was recognized on the field prior to the game, hosted in the Pirates Charities Suite, and given the proceeds of the day's 50/50 raffle to help continue their important work. In addition to Military Thursdays, military and veterans groups were able to receive complimentary tickets through the Pirates Community Ticket Program.

CANCER



PIRATES CHARITIES NIGHT ON AT&T SPORTSNET

Each year, AT&T SportsNet designates one home game at PNC Park "Pirates Charities Night." During this game, AT&T SportsNet donates all of the commercial time during the broadcast to feature Pirates Charities and beneficiary organizations. Last year's Pirates Charities Night focused on four local nonprofit organizations assisting those living with cancer. Thanks to the generosity of Pirates fans, more than \$1 million was raised to benefit Pirates Charities, the Cancer Caring Center, A Glimmer of Hope, Lending Hearts and Our Clubhouse.

FUNDRAISING



5K/10K

More than 4,000 runners, walkers and fans of all ages and abilities participated in the Pittsburgh Pirates Home Run 5K/10K, presented by Highmark and Allegheny Health Network, and the Chick-fil-A One Mile Family Fun Walk. Hundreds of volunteers helped make this event possible to raise funds for Pirates Charities and encourage all Pirates fans to lead healthy, active lifestyles. Best of all, participants had the opportunity to cross the finish line at home plate on the field at PNC Park.









PIRATES

2018

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OUR TEAM |





TEAM EVENTS



PUERTO RICO RELIEF EFFORTS 🕞



GOLF AND CLAYS

Pirates players and coaches help raise funds for Pirates Charities by donating their time to spend with Pirates Charities donors and sponsors at a number of events. Pirates Charites hosts two golf outings annually - the first in Bradenton, Florida during Spring Training, and the second during the Pirates season in Pittsburgh. Last year, the Pittsburgh event took place at Fox Chapel Golf Club, was presented by Allegheny Health Network and co-chaired by Pirates President Frank Coonelly and Dr. Patrick DeMeo, Professor and Chair, Department of Orthopaedic Surgery, Allegheny Health Network.

Players, coaches, alumni and broadcasters also participated in the annual Pirates Charities Sporting Clays Invitational at Seven Springs Mountain Resort on April 27, mingling with participants and enjoying a top notch shooting course hosted by awardwinning instructor Michael Mohr.

FAITH NIGHT

Faith Night, presented by Chick-fil-A, was held on August 17 after the Pirates took on the Cardinals at PNC Park. Players, coaches and their wives and girlfriends took the field after the game in front of over 5,000 fans who stayed to hear personal stories of faith from the team. Pirates Chaplain Brad Henderson hosted the event that featured Manager Clint Hurdle, Sean Rodriguez, Josh Harrison, Jordy Mercer, Trevor Williams, Josh Bell and many more.

PIRATES COMMUNITY COMMITMENT PROGRAM (PCCP)

PCCP is an organization-wide community service initiative for Pirates minor league players that promotes volunteerism and awareness, and provides benefit to the community, the individual player and the Pirates organization.

Near the conclusion of each minor league team's regular season, each of the affiliates selects one player from their organization to receive the "Pirates Community Commitment Award." Honorees travel to Pittsburgh, where they are recognized in a special pregame, on-field ceremony and then watch the game from one of PNC Park's luxury suites. Together, Pirates minor leaguers completed more than 3,000 service hours in this 10th year of the program.

CARE-A-VAN

Leading up to PiratesFest, the 2017 Pirates Charities CARE-a-van, presented by Highmark, made 20 stops in 11 cities over three days to spread holiday cheer at local nonprofit organizations. Pirates team members visited with children. seniors and families, volunteered at a variety of events, and donated warm clothing and other essential items to those

PUERTO RICO HURRICANE MARIA RELIEF

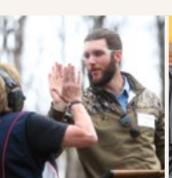
When Hurricane Maria hit Puerto Rico in late September, Francisco Cervelli, Sean Rodriguez, coach Joey Cora and Special Assistant to the GM Mike Gonzalez wanted to help. In discussions with Pirates Chairman, Bob Nutting, the group, inspired by the legacy of Roberto Clemente, devised a plan to jump into action in order to make an direct impact on those affected.

The Pirates front office and everyone at Pirates Charities. joined Pirates players, coaches, as well as our corporate and community partners to organize an emergency supply drive with a lofty goal of gathering 150,000 pounds of needed supplies, enough to fill one cargo plane. What transpired next symbolized exactly why Pittsburgh is such a special place. Fans, young and old, driving moving trucks to pulling toy wagons, came to PNC Park nonstop for 12 hours a day for two days to help those in need. When the drive concluded, they collected more than 450,000 pounds of critical supplies, tripling the set goal, and raised more than \$200,000 in monetary donations.

With the remarkable help of FedEx, the needed supplies were delivered by cargo jet to Puerto Rico. Nutting, Cora, Cervelli, Rodriguez and Gonzalez, along with Pirates President Frank Coonelly were accompanied by alums Omar Moreno and John Candelaria to Puerto Rico, where they saw the supplies arrive safely and helped oversee distribution.

- ABARTA Coca-Cola
- · Allegheny Health Network
- ARAMARK
- · Brother's Brother Foundation
- Comcast
- FedEx
- Giant Eagle
- · Greater Pittsburgh Community Food Bank
- · Heinz Endowments
- Highmark
- · Levy Restaurants

- · Pittsburgh Brewing Co. · Pittsburgh Penguins
- Foundation · Pittsburgh Steelers
- PITT Ohio
- PNC Bank
- PPO&S
- · Pittsburgh Water and Sewer Authority
- · Riverbend Foods
- Seven Springs
- StarKist
- StubHub
- · Waste Management
- · W.B. Mason







2017

HISTORY

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COMMUNITY OUTREACH









HERITAGE CELEBRATIONS



SPRING TRAINING



ANNUAL HERITAGE LUNCHEON

As part of the Pirates annual African American Heritage Celebration, Harold Reynolds — two-time MLB All-Star, three-time Gold Glove recipient, and award-winning MLB Network Studio Analyst — was the featured speaker at last year's Annual African American Sports Heritage Luncheon. Over two hundred guests — including youth from The Pittsburgh Project, The Citizen Science Lab, and Josh Gibson Foundation — heard Harold speak about his Major Leaguer career and how he was inspired by Negro League legends like Josh Gibson, Oscar Charleston, and John "Buck" O'Neil.

Following the luncheon, the Pirates and Chicago Cubs wore Negro League jerseys — those of the Homestead Grays and Leland Giants respectively — for that night's game. Pregame and in-game features also celebrated African-American baseball past, present, and future.

"LONG LIVE THEIR LEGACY"

"Long Live Their Legacy" is a Black History Month initiative to educate and provide information about Negro League Baseball, its ties to Pittsburgh, and its still-significant influence on today's game. In February, Joel Gray, Pirates Community Outreach Coordinator, visited 12 different schools and organizations to teach youth about Pittsburgh's storied Negro League history.

COMMUNITY PROGRAMS



DENTAL AND VISION SCREENINGS

Pirates Charities partnered with TeamSmile, Highmark Blue Cross Blue Shield, Allegheny Health Network, United Concordia, and local dentist Dr. Joey Troupe to host free dental and vision screenings for more than 250 local children through Tickets for Kids Charities. Dental professionals were on-site to provide dental treatment and emphasize the importance of proper dental hygiene. Children also had their vision tested, and those in need of everlasses received a voucher for a free pair.

ADOPT-A-SCHOOL

In addition to ongoing partnerships with the Manatee Education Foundation (MEF) throughout the year, Pirates Charities joined forces with MEF and The Mosaic Company during Spring Training to adopt five schools, providing needed supplies and educational materials to help students achieve their goals. Pirates players and staff visited several of the benefitting schools, treating students to lunch, and delivering supplies and gifts in person.

DOMINICAN OUTREACH



LATIN AMERICAN HEADQUARTERS

Estorga, Dominican Republic is home to the Pittsburgh Pirates Latin American Headquarters. Through our players and staff there, the ballclub works to make a positive difference in the nearby community that has welcomed us so warmly. Each year, the team hosts a group of local children to a holiday party at the baseball facility. Kids are treated to a picnic, receive Pirates gifts and get to play ball with the pros.

The Pirates also provide educational opportunities for our Dominican players. In the Dominican Republic, many are unable to finish traditional schooling, some dropping out as early as 3rd grade due to a lack of federal regulations for schooling. The Pirates provide individualized education programs for players at our Latin American Headquarters, and in 2017, nine players received a Dominican High School Diploma at the eighth consecutive High School Graduation at the Academy.







BASEBALL OPS

GENERAL

MLB INITIATIVES







LITTLE LEAGUE CLASSIC



JACKIE ROBINSON DAY



The first MLB Little League Classic featured the Pittsburgh Pirates as the home team versus the visiting St. Louis Cardinals at a renovated BB&T Ballpark at historic Bowman Field in Williamsport, PA. To foster interest and encourage participation in youth-centered baseball and softball activities, the major league players attended Little League World Series games earlier in the day before playing their game in front of a crowd of 2,596, mostly made up of Little League players and their families. Clint Hurdle said about the experience, "it was one of the highlights of my career."

The 2017 Jackie Robinson MLB & Scholastic Breaking Barriers Essay Contest gave students in grades 4 through 9 the opportunity to submit an essay about barriers or obstacles they have faced, or are currently facing in their lives, and how they used the values exemplified by Jackie Robinson (citizenship, commitment, courage, determination, excellence, integrity, justice, persistence and teamwork) to deal with those challenges. The Pirates hosted a school assembly at Shaler Area Middle School - featuring players Johnny Barbato, Gift Ngoepe and Jose Osuna - to celebrate their 7th and 8th grade students' accomplishment of submitting the most essays in

CLEMENTE DAY



To celebrate the life and legacy of Roberto Clemente, the Pirates and Pirates Charities packed five CARE-a-van buses with players, coaches, alumni, and members of the Clemente Family to spend the morning serving five different nonprofits throughout the City of Pittsburgh. Stops included playing baseball with children at the Allegheny Intermediate Unit (AIU) Latino Family Center, serving a ballpark buffet lunch at Light of Life Rescue Mission, playing bingo with patients at a VA Hospital, hosting an assembly at Westinghouse High School, and taking children from the Salvation Army shopping for warm weather clothes at Dick's Sporting Goods.

TO LEARN MORE ABOUT HOW PIRATES **CHARITIES HELPED THE COMMUNITY IN** 2017 VISIT PIRATES.COM/COMMUNITY.













CLINT HURDLE

MANAGER • #13

AGE: 60 (turns 61 on July 30) BORN: 7/30/57 in Big Rapids, MI

RESIDES: Pittsburgh PA **APPOINTED: 11/15/10**

POSITION PLAYED: OF

CONTRACT: Signed thru 2021

CLINT HURDLE was named manager of the Pittsburgh Pirates on November 15, 2010, thus becoming the 39th manager in the organization's history. The 2018 season will mark his 44th overall in professional baseball.

In his seven seasons as Pittsburgh's manager, Hurdle has posted a 584-549-1 record. His 584 managerial victories in a Pirates uniform rank fifth on the club's alltime list. In addition, Hurdle entered the 2018 season ranked fifth in career wins among active managers (1118).

Hurdle led the Pirates to the postseason in three consecutive seasons (2013-2015), joining Fred Clarke (1901-1903) and Jim Leyland (1990-1992) as the only managers in club history to do

For his efforts in 2015, Hurdle finished fourth in the voting for N.L. Manager-of-the-Year by the BBWAA; he finished second to Washington manager Matt Williams in 2014. Clint was also a member of Mike Matheny's coaching staff at the 2014 All-Star Game in Minnesota.

Hurdle was named the 2013 National League Manager-of-the-Year by the BBWAA after leading the Pirates to a 94-68 record and their first postseason berth since 1992. He received 25 firstplace votes and was listed second on the other five ballots, as well as being the only manager in either league named on all 30 ballots. Hurdle was just the second Pittsburgh manager to win the award, joining Jim Leyland, who won in 1990 and 1992.

Hurdle also captured Manager-of-the-Year honors from The Sporting News in 2013, joining Billy Meyer (1948), Danny Murtaugh (1960, 1970) and Jim Leyland (1988, 1990, 1992) as past winners in club history.

Hurdle spent 2010 as the Hitting Coach of the A.L. champion Texas Rangers, a club that led the Majors with a .276 average during the regular season - paced by A.L. MVP Josh Hamilton (.359 average, 32 homers and 100 RBI) and Vladimir Guerrero (.300 average, 29 homers and 115 RBI).

Prior to joining the Texas coaching staff on November 5, 2009, Hurdle spent over 15 years in the Colorado organization. serving as a minor league hitting coordinator, Major League hitting coach and manager at the big league level. He compiled a 534-625 record while serving the Rockies as manager from April 26, 2002, until he was relieved of his duties on May 29, 2009. Clint has the most wins of any manager in Colorado team history. winning his 500th career game on August 29, 2008 at Los Angeles,

In 2007, Hurdle led the Rockies to the World Series as the club captured its first National League pennant in franchise history. The 2007 club, which won 11 straight games in September, won 21 of its 22 games leading up to the World Series,

where Boston pulled off a four-game sweep. During the 2007 post season, the Rockies swept the Phillies in the Division Series and Arizona in the Championship Series before falling to the Red Sox in the Fall Classic.

For his efforts in 2007, Hurdle received four first-place votes and finished third in the voting for N.L. Manager-of-the-Year. Clint also served as manager of the National League in the 2008 All-Star Game at Yankee Stadium, the longest game (time, innings) in All-Star history (the N.L. lost 4-3 in 15 innings in a game that lasted 4:50), and was a coach

for the N.L. staff during the 2004 All-Star Game in Houston.

Hurdle's managerial career at the big league level began with a 4-1 victory over the Phillies at Coors Field on April 26, 2002. He replaced Buddy Bell as Colorado's skipper that day and went 6-0 in his first six games - tied for the sixth-best winning streak by a manager following a mid-season managerial change in Major League history (Joe Morgan holds the record as his Red Sox won their first 12 games in 1988).

In his five-plus years tutoring Colorado's hitters, the club compiled the N.L.'s top two averages in 70 years (.294 in 2000 and .292 in 2001) and the league's most base hits since 1930 (1,664 in 2000). In 2001 alone, the Rockies established a National League record for total bases (2,748) and the N.L. mark for extra-base hits (598). Hurdle, who doubled as the club's First Base Coach from 1997-98, remained on the coaching staff under three different Colorado managers; Don Baylor, Jim Leyland and Buddy Bell. Prior to becoming Hitting Coach in 1997, Clint served the Rockies as their minor league hitting instructor from 1994-96.

Before he joined the Colorado organization, Hurdle managed

in the New York Mets system for six years (1988-1993) and compiled a 412-418 record. In his first season as a manager, and in St. Lucie's first year of existence, he led the club to a secondhalf division title and the Florida State League championship. Hurdle also took his 1989 St. Lucie club and the 1990 Jackson team to the post season, losing in the first round of the playoffs each year. After managing Williamsport in the Eastern League in 1991, Clint wrapped up his minor league managerial career with two seasons at the Triple-A level with Tidewater in 1992 and Norfolk in 1993.

Primarily an outfielder during his playing days, Hurdle was selected by Kansas City in the first round (9th player overall) of the 1975 June draft. After three full seasons in the minor leagues, which included American Association Rookie-of-the-Year and All-Star Game MVP honors while playing with Omaha in 1977, Clint made his Major League debut at the age of 20 with the Royals on September 18, 1977, and hit a two-run homer off Seattle's Glenn Abbott in his second at bat.

MANAGER YEARS WINS Fred Clarke.....1422 Danny Murtaugh......15.....1115

WINS AS A PIRATES MANAG

Jim Levland......851 CLINT HURDLE...... 7..... 584 Frankie Frisch 7 539

MANAGER	WINS
Bruce Bochy	1853
Mike Scioscia	1570
Buck Showalter	1504
Terry Francona	1483
CLINT HURDLE	1118
Ned Yost	1086
Joe Maddon	1073

Hurdle played parts of 10 seasons in the Majors with the organization that raises awareness for Prader-Willi Syndrome,

Royals (1977-1981), Reds (1982), Mets (1983, 1985, 1987) and Cardinals (1986) and compiled a .259 average, 81 doubles, 12 triples, 32 home runs and 193 RBI in 515 games. He appeared in the post season twice with Kansas City, going 3-for-8 with an RBI in four games against the Yankees in the 1978 A.LC.S., and advancing as far as the World Series in 1980, only to lose in four games to the Phillies.

After spending the 1982 season in the Cincinnati organization, Hurdle was signed by New York as a minor league free agent prior to the 1983 campaign and played three years in the Mets

system before being selected by St. Louis in the 1985 Rule 5 Draft. In his final season as a player (1987), Clint appeared in 97 games with Triple-A Tidewater and went 1-for-3 in three games with the Mets. In his big league career, he made 240 appearances in right field, 96 in left field, 92 at first base, 22 at catcher and 15 at third base. Hurdle, who hit the final home run in Minnesota's historical Metropolitan Stadium on 9/30/81, hit his final big league homer on 9/9/86 at Three Rivers Stadium - a solo shot off Pittsburgh's Rick Reuschel.

PERSONAL: Clinton Merrick Hurdle...Wife's name is Karla... Has three children; daughter Ashley (7/18/85), who lives in San Francisco, daughter Madison (8/7/02) and son Christian (11/15/04)...ls the Prader-Willi national spokesperson, an



a complex genetic disorder his daughter Madison was born with; Prader-Willi affects about one in every 12,000 people and is caused by the deletion of part of an individual's 15th chromosome (check out www.pwsausa.org for more information)... Is a 1975 graduate of Merritt Island (FL) High School, where he lettered in baseball, football and basketball...Batted .567 with four homers and 25 RBI in 24 games during his senior year while earning All-State and All-American honors...Was also a quarterback and signed a letter of intent to attend the University of Miami (FL), but chose to sign with Kansas City after the Royals selected him in the first round of the 1975 June draft...Spent second half of the 2009 season as an analyst on the MLB Network...Has been ejected 57 times in

his career as a manager (35 times with the Pirates); also three times as a coach and once as a player...Was inducted into the Florida State League Hall-of-Fame in 2011...Supports countless community efforts in Pittsburgh and throughout the country, along with his wife Karla...Was named 2013 Manager-of-the-Year by the Pittsburgh Rotary Club and the 2013 Dapper Dan Manof-the-Year, an award given annually since 1939 to a Pittsburgh sports figure in recognition of outstanding achievement on a national level...Had the baseball field at Merritt Island High School dedicated in his name on 1/31/14...Received the Brooks Robinson Community Service Award from the MLBPAA on 11/18/14 for his dedication to young people across the country...Was inducted into the Hampton Roads Sports Hall of Fame in October 2017.

		M	ANAGI	EDIAL	DE	COPD		
YEAR	CLUB	LEAGUE	w	L	T	PCT	DIVISION	FINISH
1988	St. Lucie (1)	Florida State	74	65		.532	Fastern	4th/1st
1989	* *	Florida State	74 79	55		.590	Fastern	. ,
1990	St. Lucie (2)	Texas	79 73	62		.540	Fastern	1st/1st 2nd/1st
	Jackson (3)							.,
1991	Williamsport	Eastern	60	79		.432		7th
1992	Tidewater	International	56	86		.394	Western	4th
1993	Norfolk	International	70	71		.496	West	4th
2002	Colorado	National	67	73		.479	West	4th
2003	Colorado	National	74	88		.457	West	4th
2004	Colorado	National	68	94		.420	West	4th
2005	Colorado	National	67	95		.414	West	5th
2006	Colorado	National	76	86		.469	West	T4th
2007	Colorado (4)	National	90	73		.552	West	2nd
2008	Colorado	National	74	88		.457	West	3rd
2009	Colorado	National	18	28		.391	West	
2011	Pittsburgh	National	72	90		.444	Central	4th
2012	Pittsburgh	National	79	83		.488	Central	4th
2013	Pittsburgh (5)	National	94	68		.580	Central	2nd
2014	Pittsburgh (6)	National	88	74		.543	Central	2nd
2015	Pittsburgh (7)	National	98	64		.605	Central	2nd
2016	Pittsburgh	National	78	83	1	.481	Central	3rd
2017	Pittsburgh	National	75	87		.463	Central	4th
Minor Le	ague Totals (6 years	s)	412	418	0	.496		
Major Le	ague Totals (15 year	s)	1118	1174	1	.488		
-	h Totals (7 years)	•	584	549	1	.515		

(I)Defeated Tampa, two games to none, in first round of playoffs...Defeated Osceola, two games to none, in Florida State League championship.

(2)Lost to Port Charlotte, two games to one, in first round of Florida State League playoffs. (3)Lost to Shreveport, two games to none, in first round of Texas League playoffs.

(4)Defeated Philadelphia, three games to none, in National League Division Series...Defeated Arizona, four games to none, in National League Championship Series...Lost to Boston, four games to none, in World Series.

(5)Defeated Cincinnati in Wild Card Game...Lost to St. Louis, three games to two, in National League Division Series.

(6)Lost to San Francisco in Wild Card Game.(7)Lost to Chicago in Wild Card Game.

Manager, St. Lucie, 1988-1989. Manager, Jackson, 1990. Manager, Williamsport, 1991.

Manager, Tidewater, 1992. Manager, Norfolk, 1993.

Minor League Hitting Coordinator, Colorado, 1994-1996.

Hitting Coach/First Base Coach, Colorado, 1997-1998. Hitting Coach, Colorado, 1997 thru April 25, 2002. Manager, Colorado, April 26, 2002 thru May 27, 2009. Hitting Coach, Texas, 2010.

Manager, Pittsburgh, 2011-2017.

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			LIFE'	TIME E	BATTI	NG S	TATIS	STICS	5				
YEAR	CLUB	AVG	G	АВ	R	н	2B	3B	HR	RBI	ВВ	so	SB
1975	Sarasota	.274	49	175	34	48	4	4	1	* 31	24	23	1
1976	Waterloo	.235	127	429	89	101	22	5	19	89	118	112	1
1977	Omaha	.328	129	442	85	145	35	3	16	66	96	61	6
	Kansas City	.308	9	26	5	8	0	0	2	7	2	7	0
1978	Kansas City	.264	133	417	48	110	25	5	7	56	56	84	1
1979	Omaha	.236	68	220	30	52	13	0	6	29	49	42	2
	Kansas City	.240	59	171	16	41	10	3	3	30	28	24	0
1980	Kansas City	.294	130	395	50	116	31	2	10	60	34	61	0
1981	Kansas City (1)	.329	28	76	12	25	3	1	4	15	13	10	0
1982	Cincinnati	.206	19	34	2	7	1	0	0	1	2	6	0
	Indianapolis (2)(3)	.245	88	261	38	64	18	0	12	58	58	63	3
1983	Tidewater	.285	139	477	82	136	33	4	22	105	105	109	0
	New York - NL	.182	13	33	3	6	2	0	0	2	2	10	0
1984	Tidewater	.243	128	412	60	100	15	1	21	64	79	107	0
1985	New York - NL (4)	.195	43	82	7	16	4	0	3	7	13	20	0
1986	St. Louis (5)	.195	78	154	18	30	5	1	3	15	26	38	0
1987	Tidewater	.257	97	288	38	74	27	0	7	45	47	47	1
	New York - NL	.333	3	3	1	1	0	0	0	0	0	1	0
Minor I	_eague Totals	.266	825	2704	456	720	167	17	104	487	576	564	14
N.L. To	otals	.196	156	306	31	60	12	1	6	25	43	75	0
A.L. To	otals	.276	359	1085	131	300	69	11	26	168	133	186	1
Major	League Totals	.259	515	1391	162	360	81	12	32	193	176	261	1

(*)Led League

Selected by Kansas City in 1975 First-Year Player Draft (1st round - 9th pick overall).

(1)Acquired by Cincinnati from Kansas City, 12/11/81, in deal for pitcher Scott Brown.

(2)Released by Cincinnati on 11/15/82...Signed by Seattle as a free agent in February of 1983.

(3)Released by Seattle on 4/4/83...Signed by New York (NL) as a free agent on 4/7/83.

(4)Selected by St. Louis off New York's Triple-A roster in Rule 5 Draft on 12/5/85.

(5)Granted free agency on 11/12/86...Signed by New York (N.L.) as a minor league free agent on 2/9/87.

	DIVISION SERIES STATISTICS																	
YEAR	CLUB/OPP	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	E
1981	KC vs. Oak.	.273	3	11	0	3	0	0	0	0	0	0	0	1	1	0	0	0

		LE/	\Gl	JE C	HA	MPI	ONS	HIP	SE	RIES	STA	TIS	TICS	5				
YEAR	CLUB/OPP	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	E
1978	KC vs. NYY	.375	4	8	1	3	0	1	0	1	0	0	0	2	3	0	0	0
1980	KC vs. NYY	.000	3	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0
L.C.S.	Totals	.300	7	10	1	3	0	1	0	1	0	0	0	2	4	0	0	0

WORLD SERIES STATISTICS																		
YEAR	CLUB/OPP	AVG	G	АВ	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	E
1980	KC vs. Phi.	.417	4	12	1	5	1	0	0	0	0	0	0	2	1	1	0	0

GENERAL

RECORD

OPPONENT	RECORD
Arizona	(83-91, .477)
Atlanta	(45-50, .474)
Baltimore	(10-13, .435)
Boston	(10-8, .556)
Chicago (AL)	(6-4, .600)
Chicago (NL)	(80-92, .465)
Cincinnati	(80-87, .479)
Cleveland	(12-12, .500)
Colorado	(27-18, .600)
Detroit	(29-20, .592)
Houston	(42-42, .500)
Kansas City	(9-9, .500)
Los Angeles (AL)	(6-3, .667)
Los Angeles (NL)	(78-104, .429)
Miami	(48-44, .522)

OPPONENT	RECORD
Milwaukee	(76-92, .452)
Minnesota	(7-6, .538)
New York (AL)	(7-8, .467)
New York (NL)	(44-50, .468)
Oakland	(6-3, .667)
Philadelphia	(50-46, .521)
Pittsburgh	(25-29, .463)
St. Louis	(76-96, .442)
San Diego	(93-87, .517)
San Francisco	(88-91, .492)
Seattle	(8-6, .571)
Tampa Bay	(9-6, .600)
Texas	(6-3, .667)
Toronto	(8-10, .444)
Washington/Montreal	(50-44, .532)

OVERALL 1118-1174 (.488)

MANAGER	# YEARS MANAGED	YEAR(S)	WON	LOST	РСТ.
Horace Phillips.	3	1887-89	149	180	453
Fred Dunlap	1	1889	7	10	412
Ned Hanlon	2	1889, 1891	57	65	467
Guy Hecker	1	1890	23	113	169
Bill McGunnigle	1	1891	24	33	421
Tom Burns	1	1892	27	32	458
Al Buckenberge	er3	1892-94	187	144	565
Connie Mack	3	1894-96	149	134	527
Patsy Donovan	2	1897, 1899	129	129	500
Bill Watkins	2	1898-99	79	91	465
Fred Clarke	16	1900-15	1,422	969	595
Jimmy Callahar	12	1916-17	85	129	397
Honus Wagner	1	1917	1	4	200
Hugo Bezdek	3	1917-1919	166	187	470
George Gibson	6	1920-22, 1932-34	401	330	549
Bill McKechnie.	5	1922-26	409	293	583
Donie Bush	3	1927-29	246	178	580
Jewel Ens	3	1929-31	176	167	513
Pie Traynor	6	1934-39	457	406	530
Frankie Frisch	7	1940-46	539	528	505
Spud Davis	1	1946	1	2	333
Billy Herman	1	1947	61	92	399
Bill Burwell	1	1947	1	0	1.000
Billy Meyer	5	1948-52	317	452	412
Fred Haney	3	1953-55	163	299	353
Bobby Bragan.	2	1956-57	102	155	397
Danny Murtaug	h15	1957-64, 1967, 1970-71,	, 1973-76 1,115	950	540
Harry Walker	3	1965-67	224	184	549
Larry Shepard	2	1968-69	164	155	514
Alex Grammas.	1	1969	4	1	800
Bill Virdon	2	1972-73	163	128	560
Chuck Tanner	9	1977-85	711	685	509
Jim Leyland	11	1986-96	851	863	496
Gene Lamont	4	1997-2000	295	352	456
Lloyd McClendo	on5	2001-2005	336	446	430
Pete Mackanin.	1	2005	12	14	462
Jim Tracy	2	2006-2007	135	189	417
John Russell	3	2008-2010	186	299	384
Clint Hurdle	7	2011-2017	584	549	515
TOTALS	131 years	1887 thru 2017	10,158	9,937	.505



FRED CLARKE



DANNY MURTAUGH





CHUCK TANNER



KIMERA BARTEE

FIRST BASE COACH • #18

AGE: 45 (turns 46 on July 21) BORN: 7/21/72 in Omaha. NE

RESIDES: Glendale, AZ APPOINTED: 10/29/16

POSITION PLAYED: OF

CONTRACT: Signed thru 2019

KIMERA BARTEE is in his second season as the Pirates First Base Coach, having been named to the position on October

In addition to his duties as the First Base Coach, Bartee will oversee the club's Outfielders and Baserunning efforts

Now in his 11th season with the Pittsburgh organization, Bartee spent nine years (2008-2016) serving the Pirates as their Minor League Outfield/ Baserunning Coordinator. He was also the manager at State College (NYP League) in 2011.

Prior to joining the Pittsburgh organization, Kimera spent three years (2005-2007) as a coach with Delmarva, Baltimore's Class-A affiliate.

Originally selected by Baltimore in the 14th round of 1993 First-Year Player Draft, Bartee was selected to the 1994 Carolina League All-Star team while playing with Frederick. He was also named the "Fastest Baserunner" in the league by Baseball America.

Bartee made his Major League debut with the Tigers as a defensive replacement in center field on 4/3/96 at Minnesota and spent the entire 1996 campaign in the big leagues. He singled off Jason Grimsley

for his first Major League hit on 4/20/96 at Anaheim and connected off Jose Rosado for his first home run on 8/24/96; a leadoff shot (second pitch) at Kansas City. The former outfielder also swiped a Major League career-high 20 bases with Detroit in 1996.

Bartee led the International League in stolen bases in 1997 and was named the circuit's fastest baserunner and best defensive outfielder by Baseball America while playing with

Toledo that year. He also participated in the Arizona Fall League in 1996 and

Primarily a center fielder, Bartee played all three outfield positions during his career. In his six seasons in the Major Leagues, he played 157 games in center field, 29 in left field and three in right

Bartee, who played his final game in the Majors with the Rockies on 8/3/01 vs. Pittsburgh, connected off Minnesota's Dan Serafini for his fourth and final hig league home run on 6/16/98. He also had a career-high four RBI in the game.

During his Major League career. Kimera played in a total of 243 Major League games with Detroit (1996-1999), Cincinnati (2000) and Colorado (2001).

PERSONAL: Kimera Anotchi Bartee (kuh-MAR-ah bar-TEE)...Wife's name is Brandie...Has three children: stepson Andrew (2/20/97), son Amari (5/8/00) and daughter

Taeja (6/12/06)...Is a 1990 graduate of Central High School in Omaha, NE...Attended Creighton University, where he played on the College World Series team in 1991...Was named to 1992 Missouri Valley Conference All-Tourney



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	MANAGERIAL RECORD									
YEAR	CLUB	LEAGUE	w	L	PCT	DIVISION	FINISH			
2011	State College	New York-Penn	31	44	.413	Pinckney	6th			
Minor L	eague Totals (1 year)	-	31	44	.413	-				

Coach, Delmarva, 2005-2007. Minor League Outfield/Baserunning Coordinator, Pittsburgh, 2008-2016. Manager, State College, 2011. First Base Coach, Pittsburgh, 2017.

MONTHLY RECORD HOME RUNS HIT (INDIVIDUAL)

April (1971)	. 11	Willie Stargell
May (2006)	.12	Jason Bay
June (1947)	.14	Ralph Kiner
July (2009)	.10	Garrett Jones
July (1966)	.10	Donn Clendenon
July (1950)	.10	Ralph Kiner
August (1947)	.14	Ralph Kiner
September (1949)	.16	Ralph Kiner

			LIF	ETIME	BAT	TING S	TAT	ISTIC	S				
YEAR	CLUB	AVG	G	АВ	R	Н	2B	3B	HR	RBI	ВВ	so	SB
1993	Bluefield	.246	66	264	59	65	15	2	4	37	44	66	27
1994	Frederick	.292	130	514	97	150	22	4	10	57	56	117	44
1995	GCL Orioles	.238	5	21	5	5	0	О	1	3	3	2	1
	Bowie (1)	.284	53	218	45	62	9	1	3	19	23	45	22
	Rochester (2)	.154	15	52	5	8	2	1	0	3	0	16	0
1996	Detroit	.253	110	217	32	55	6	1	1	14	17	77	20
1997	Toledo	.218	136	501	67	109	13	7	3	33	52	154	33
	Detroit	.200	12	5	4	1	0	0	0	0	2	2	3
1998	Toledo	.247	51	215	24	53	10	0	2	13	16	42	6
	Detroit	.194	57	98	20	19	5	1	3	15	6	35	9
1999	Toledo	.286	104	416	64	119	13	8	12	43	38	76	21
	Detroit (3)	.195	41	77	11	15	1	3	0	3	9	20	3
2000	Louisville	.298	119	453	69	135	19	4	8	48	48	64	28
	Cincinnati (4)	.000	11	4	2	0	0	0	0	0	0	2	1
2001	Rancho Cucamonga (#	.267	7	30	3	8	2	0	0	1	1	11	3
	Salt Lake (#) (5)	.275	40	167	23	46	13	2	3	27	19	26	5
	Colorado Springs	.192	24	78	14	15	2	О	5	15	6	31	3
	Colorado (6)	.000	12	15	0	0	0	0	0	1	2	5	0
2002	Iowa	.253	133	419	59	106	27	2	10	64	41	111	25
2003	Long Island	.328	116	448	86	147	27	3	8	87	54	64	18
2004	Long Island	.319	110	445	103	142	22	9	27	88	70	86	30
	Saltillo	.301	29	103	23	31	7	0	1	8	21	18	5
Minor L	_eague Totals	.263	883	3348	534	881	147	31	61	363	347	761	218
Indepe	ndent League Totals	.324	226	893	189	289	49	12	35	175	124	150	48
Mexica	n League Totals	.301	29	103	23	31	7	0	1	8	21	18	5
N.L. To	tals	.000	23	19	2	0	0	0	0	1	2	7	1
A.L. To	tals	.227	220	397	67	90	12	5	4	32	34	134	35
Major I	eague Totals	.216	243	416	69	90	12	5	4	33	36	141	36

(#)Injury Rehab Assignment

Selected by Baltimore in 1993 First-Year Player Draft (14th round).

- (1)Acquired by Minnesota from Baltimore on 9/18/95, completing 7/7 deal in which Balimore acquired pitcher Scott Erickson for pitcher Scott Klingenbeck.
- (2)Selected by Baltimore in Rule 5 Draft on 12/4/95...Claimed off waivers by Detroit on 3/13/96.
- (3)Acquired by Cincinnati from Detroit, 12/12/99, in deal for cash considerations.
- (4)Released by Cincinnati on 12/1/00...Signed by Anaheim as a free agent on 12/11/00.
- (5) Acquired by Colorado from Los Angeles (AL), 7/13/01, in deal for infielder Chone Figgins.
- (6)Granted free agency on 10/8/01...Signed by Chicago (NL) as a minor league free agent on 11/28/01.

PIRATES WHO HAVE HIT FOR THE CYCLE

Hitting for the cycle (a single, double, triple and home run in the same game) is a feat that has been accomplished 24 times by 21 different Pittsburgh players. Fred Clarke, Arky Vaughan and Wally Westlake achieved the feat two times each. In the last 67 years (beginning in 1950), it has been accomplished a total of nine times in club history and just twice (Jason Kendall in 2000 and John Jaso in 2016) in the city of Pittsburgh.

PLAYER	DATE	OPPONEN'
Fred Carroll	May 2, 1887	DETROIT
Fred Clarke	July 23, 1901	CINCINNATI
Fred Clarke	May 7, 1903	CINCINNATI
Owen Wilson	July 3, 1910	at Cincinnati
Honus Wagner	August 22, 1912 (game 2)	NEW YORK
Dave Robertson	August 30 ,1921	at Brooklyn
Pie Traynor	July 7, 1923	at Philadelphia
Kiki Cuyler	June 4, 1925	PHILADELPHIA
Max Carey	June 20, 1925	BROOKLYN
Arky Vaughan	June 24, 1933	at Brooklyn
Arky Vaughan	July 19, 1939	at New York
Bob Elliott	July 15, 1945 (game 2)	BROOKLYN

PLAYER	DATE	OPPONEN
Bill Salkeld	August 4, 1945	ST. LOUIS
Wally Westlake	July 30, 1948	at Brooklyn
Wally Westlake	June 14, 1949	BOSTON
Ralph Kiner	June 25, 1950	at Brooklyn
Gus Bell	June 4, 1951	at Philadelphia
Willie Stargell	July 22, 1964	at St. Louis
Richie Zisk	June 9, 1974	at San Francisco
Mike Easler	June 12, 1980	at Cincinnati
Gary Redus	August 25, 1989	at Cincinnati
Jason Kendall	May 19, 2000	ST. LOUIS
Daryle Ward	May 26, 2004	at St. Louis
John Jaso	September 28, 2016	CHICAGO

BOLD denotes that it was accomplished in the city of Pittsburgh

2017



JEFF BRANSON

HITTING COACH • #2

AGE: 51 POSITION PLAYED: INF
BORN: 1/26/67 in Waynesboro, MS CONTRACT: Signed thru 2019

RESIDES: Union, KY
APPOINTED: 12/13/12

JEFF BRANSON is in his fifth season as the Pirates Hitting Coach.

Over the past four years, the Pirates have produced the third-highest on-base percentage (.326) among National League teams, trailing only the Rockies (.329) and Dodgers (.328).

In 2015 the Pirates hit .260 as a team, the club's highest batting average since 2007 (.263). The Bucs also ranked fourth in the National League in runs scored (697), fourth in hits (1462) and fourth in total bases (2228) during the 2015 season.

In his first full season as Pittsburgh's Hitting Coach in 2014, the Pirates ranked second in the National League with a .333 on-base percentage, the club's highest OBP since 2003 (.338), first in walks (520) and fourth with 682 runs scored. The Pirates also

ranked fourth among N.L. teams with 461 extra-base hits in 2014 and had nine different players hit at least 10 home runs for the first time in franchise history.

Branson officially joined the Major League coaching staff on December 13, 2012. He was promoted to Hitting Coach prior to the 2014 campaign after working as the assistant hitting coach under Jay Bell in 2013.

Branson is in his 16th season with the Pirates organization and his 29th in professional baseball. Prior to joining the big league staff, he spent a total of four seasons (2009-2012) with the Pirates Triple-A affiliate in Indianapolis.

Following a 14-year playing career, Branson joined the Pirates organization in 2003 as the Hitting Coach with Williamsport in the New York-Penn League. He then managed the Williamsport club in 2004 before serving as manager with Hickory (2005-06) and Lynchburg (2007-08). In his five seasons as a minor league manager, Branson posted a 269-350 (.435) record.

An infielder during his playing days, Branson was selected by



Cincinnati in the second round of the 1988 First-Year Player Draft and made his professional debut with Cedar Rapids in 1989. He made his Major League debut with the Reds on April 12, 1992 at Houston and collected his first hit in his fourth big league game on May 2, 1992 vs. Chicago - a double off Mike Morgan as a pinch hitter. Jeff's first Major League home run came on June 12, 1993; a two-run shot off John Smoltz at Fulton County Stadium in Atlanta.

Branson played a total of nine seasons in the big leagues and produced a .246 batting average (383-for-1555), 34 home runs and 156 RBI in 694 games. He appeared in

the National League Championship Series with the Reds in 1995 and stole home as part of a double-steal with Lenny Harris in Game Two

vs. Atlanta - the first steal of home in N.L.C.S. history.

The Cleveland Indians acquired Branson and left-handed pitcher John Smiley from the Reds in a deal for four players on July 31, 1997, and he played with the Indians in the 1997 World Series. Jeff played his final Major League game with the Dodgers on October 6, 2001, at San Francisco and finished his playing career with Triple-A Las Vegas in 2002



PERSONAL: Jeffery Glenn Branson...Wife's name is Chastity...Has three children; sons Shelton (9/3/97) and Landon (6/2/06) and daughter Maclai (1/19/00)...Is a 1985 graduate of Southern Choctaw High School in Silas, AL, where he played baseball, basketball and football...Attended Livingston (AL) University and was named to the Converse Division II All-American Team as a junior in 1988...Was a member of the 1988 United States baseball team that won a Gold Medal at the Olympic Games in Seoul, Korea.

	MANAGERIAL RECORD									
YEAR	CLUB	LEAGUE	w	L	PCT	DIVISION	FINISH			
2004	Williamsport	New York-Penn	34	40	.459	McNamara	4th			
2005	Hickory	South Atlantic	54	80	.403	North	6th			
2006	Hickory	South Atlantic	68	68	.500	North	6th/4th			
2007	Lynchburg	Carolina	55	82	.401	Northern	3rd/4th			
2008	Lynchburg	Carolina	58	80	.420	Northern	4th/3rd			
Minor Le	linor League Totals (5 years) 269 350 .435									

Hitting Coach, Williamsport, 2003. Manager, Williamsport, 2004. Manager, Hickory, 2005-2006.

Manager, Lynchburg, 2007-2008.

Hitting Coach, Indianapolis, 2009-2012.
Assistant Hitting Coach, Pittsburgh, 2013.

Hitting Coach, Pittsburgh, 2014-2017.

LIFETIME BATTING STATISTICS													
YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	ВВ	so	SB
1989	Cedar Rapids	.281	127	469	70	132	28	1	10	68	41	90	5
1990	Cedar Rapids	.251	62	239	37	60	13	4	6	24	24	44	11
	Chattanooga	.210	63	233	19	49	9	1	2	29	13	48	3
1991	Chattanooga	.263	88	304	35	80	13	3	2	28	31	51	3
	Nashville	.241	43	145	10	35	4	1	0	11	8	31	5
1992	Nashville	.325	36	123	18	40	6	3	4	12	9	19	0
	Cincinnati	.296	72	115	12	34	7	1	0	15	5	16	0
1993	Cincinnati	.241	125	381	40	92	15	1	3	22	19	73	4
1994	Cincinnati	.284	58	109	18	31	4	1	6	16	5	16	0
1995	Cincinnati	.260	122	331	43	86	18	2	12	45	44	69	2
1996	Cincinnati	.244	129	311	34	76	16	4	9	37	31	67	2
1997	Cincinnati	.153	65	98	9	15	3	1	1	5	7	23	1
	Indianapolis (1)	.211	15	57	7	12	3	0	1	4	6	10	0
	Cleveland	.264	29	72	5	19	4	0	2	7	7	17	0
1998	Cleveland	.200	63	100	6	20	4	1	1	9	3	21	0
	Buffalo (#) (2)	.261	12	46	5	12	4	1	0	2	5	9	0
1999	Indianapolis (3)	.253	124	430	57	109	18	2	7	56	46	86	2
2000	Albuquerque	.289	108	332	45	96	23	2	5	41	27	71	6
	Los Angeles - NL	.235	18	17	3	4	1	0	0	0	1	6	0
2001	Las Vegas	.273	96	289	28	79	18	0	4	20	26	71	3
	Los Angeles - NL	.286	13	21	3	6	0	0	0	0	0	4	0
2002	Las Vegas	.245	88	233	30	57	15	1	3	26	20	53	0
Minor I	_eague Totals	.262	862	2900	361	761	154	19	44	321	256	583	38
N.L. To	otals	.249	602	1383	162	344	64	10	31	140	112	274	9
A.L. To		.227	92	172	11	39	8	1	3	16	10	38	0
Major I	League Totals	.246	694	1555	173	383	72	11	34	156	122	312	9

(#)Injury Rehab Assignment

Selected by Cincinnati in 1988 First-Year Player Draft (2nd round).

(1) Acquired by Cleveland from Cincinnati, 7/31/97, along with pitcher John Smiley, in deal for pitchers Jim Crowell, Danny Graves and Scott Winchester and infielder/outfielder

Damian Jackson.

(2)Granted free agency on 10/23/98...Signed by Cincinnati as a free agent on 11/17/98.

(3)Granted free agency on 10/15/99...Signed by Los Angeles (NL) as a free agent on 12/27/99.

	DIVISION SERIES STATISTICS												
YEAR	CLUB/OPP	AVG	G	AB	R	н	2B	3B	HR	RBI	ВВ	so	SB
1995	Cin. vs. LA	.286	3	7	0	2	1	0	0	2	2	0	0
1997	997 Cle. vs. NYY DID NOT PLAY												
Divisio	ivision Series Totals .286 3 7 0 2 1 0 0 2 2 0 0												

	CHAMPIONSHIP SERIES STATISTICS												
YEAR	CLUB/OPP	AVG	G	АВ	R	н	2B	3B	HR	RBI	ВВ	so	SB
1995	Cin. vs. Atl.	.111	4	9	2	1	1	0	0	0	0	2	1
1997	Cle. vs. Bal.	.000	1	2	0	0	0	0	0	0	0	2	0
1998	Cle. vs. NYY	.000	1	1	0	0	0	0	0	0	0	0	0
L.C.S.	Totals	.083	6	12	2	1	1	0	0	0	0	4	1

	WORLD SERIES STATISTICS												
YEAR	CLUB/OPP	AVG	G	АВ	R	н	2B	3B	HR	RBI	ВВ	so	SB
1997	Cle. vs. Fla.	.000	1	1	0	0	0	0	0	0	0	1	0
World	World Series Totals .000 1 1 0 0 0 0 0 0 1 0												

YOU KNOW...

That Jeff Branson appeared in the National League Championship Series with the Reds in 1995 and stole home as part of a double-steal with Lenny Harris in Game Two vs. Atlanta. It was the first steal of home in N.L.C.S. history.

ISTORY



JOEY CORA

THIRD BASE COACH • #28

AGE: 52 (turns 53 on May 14)

POSITION PLAYED: INF

BORN: 5/14/65 in Caguas, Puerto Rico CONTRACT: Signed thru 2019

RESIDES: Mirimar, FL **APPOINTED:** 10/29/16

JOEY CORA is in his second season as Pittsburgh's Third Base Coach, having been named to the position on October 29, 2016.

In addition to his role as the Third Base Coach, Cora will serve as the club's Infield Coach

Cora served as Manager for the Altoona Curve in 2016, the Pirates Double-A affiliate in the Fastern League, and led the club to a 76-64 regular season record and a wild card berth. Altoona took over first place in the Western Division for the first time on June 26, and held that spot for 55-of-63 games until Akron took it over on the next-to-last day of the season.

A native of Caguas, Puerto Rico, Cora was a first-round pick of the San Diego Padres in 1985 - the 23rd overall pick in the First-Year Player Draft that year.

After making his professional debut with Spokane in 1985 and finishing eighth in the Northwest League batting race that season (.324), Joey made his Major League debut with San Diego at the age of 21 on 4/6/87.

The Opening Day second baseman for the Padres in 1987, Cora singled off San Francisco's Mike Krukow for his first big league hit in his fourth at bat.

After playing parts of three seasons with San Diego (1987, 1989-90), Cora spent the next four years playing for the White Sox, where he connected off

Mike Moore for his first Major League home run on 6/2/93 at Detroit. Joey also played in 153 games with Chicago in 1993 while also ranking second in the league with 13 triples that season (his teammated Lance Johnson had 14).

Cora was selected to the American League All-Star team while playing with Seattle in 1997, a season in which he set career highs in doubles (40), home runs (11), RBI (54) and runs scored (105) while playing in 149 games.

The switch-hitting infielder produced a 24-game hitting streak with the Mariners during the 1997 campaign between 5/2-29, the third-longest hitting streak in Seattle team history and the thirdlongest ever by an American League switch hitter.

Cora spent a total of 11 seasons in the Major Leagues, playing in



a career-high 155 games with the Mariners and Indians during his final campaign in 1998. He batted .277 (1035-for-3734) with 171 doubles, 41 triples, 30 home runs, 294 RBI, 624 runs and 117 stolen bases in 1119 career games, recording his 1000th big league hit on 8/21/98.

In addition to his regular season games, Cora appeared in the postseason with the White Sox (1993), Mariners (1995 and 1997) and Indians (1998). He homered off New York's David Cone in the fifth and deciding game of the 1995 Division Series, giving Seattle a 1-0 lead in the third inning. Joey also scored one of the two runs in the 11th inning as the Mariners walked off the Yankees on Edgar

Martinez' double off Jack McDowell.

Cora began his coaching career in 2000 with the Florida State

League champion Daytona Cubs. He served as a minor league manager in the New York Mets system for two years, with the Rookie-level Appalachian League Kingsport Mets in 2001 and 2002, and also managed the Montreal Expos' Single-A affiliate in the South Atlantic League, the Savannah Sand Gnats, in

In addition to his minor league coaching career, Cora was a member of the Major League staff of the Chicago White Sox for eight years under manager Ozzie Guillen from 2004-2011. He

was Chicago's Third Base Coach for three years (2004-2006) before spending the final five years as the Bench Coach. Cora also joined Guillen in 2012 and served as the Bench Coach and Infield Instructor for the Miami Marlins.

PERSONAL: Jose Manuel Cora...Wife's name is Kiria...Has two children; daughter Kimberly (7/26/04) and son Joey (10/29/05)...Played collegiate baseball for three seasons at Vanderbilt University, where he was also a math major...Was a two-time All-American and a two-time academic All-American... Was named Most Valuable Player while playing in the Cape Cod League in 1984...His younger brother, Alex, played parts of 14 seasons in the Major Leagues and is currently in his first season as Manager of the Boston Red Sox...Served as the General Manager for Caguas in the Puerto Rican Winter League from 1999-2001. winning the championship in 2001...Was inducted into the Cape Cod Baseball League Hall-of-Fame on 11/18/17.

	MANAGERIAL RECORD								
YEAR	CLUB	LEAGUE	w	L	PCT	DIVISION	FINISH		
2001	Kingsport	Appalachian	31	35	.470	South	5th		
2002	Kingsport	Appalachian	23	44	.343	South	5th		
2003	Savannah	South Atlantic	58	80	.420	Southern	6th/7th		
2016	Altoona (1)	Eastern	76	64	.543	Western	2nd		
Minor Le	eague Totals (4 year	rs)	188	223	.457				

Joey distributing supplie Rico after Hurricane

(1)Lost to Akron, three games to one, in first round of Easten League playoffs.

Coach Daytona 2000

Manager, Kingsport, 2001-2002.

Manager, Savannah, 2003.

Third Base Coach, Chicago (AL), 2004-2006.

Bench Coach, Chicago (AL), 2007-2011. Bench Coach/Infield Instructor, Miami, 2012.

Manager, Altoona, 2016.

Third Base Coach, Pittsburgh, 2017.

LIFETIME BATTING STATISTICS													
YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	ВВ	so	SB
1985	Spokane	.324	43	170	48	55	11	2	3	26	27	24	13
1986	Beaumont	.305	81	315	54	96	5	5	3	41	47	28	24
1987	San Diego	.237	77	241	23	57	7	2	0	13	28	26	15
	Las Vegas	.276	81	293	50	81	9	1	1	24	62	39	12
1988	Las Vegas	.296	127	460	73	136	15	3	3	55	44	19	31
1989	Las Vegas	.310	119	507	79	157	25	4	0	37	42	31	40
	San Diego	.316	12	19	5	6	1	0	0	1	1	0	1
1990	San Diego	.270	51	100	12	27	3	0	0	2	6	9	8
	Las Vegas (1)	.351	51	211	41	74	13	9	0	24	29	16	15
1991	Chicago - AL	.241	100	228	37	55	2	3	0	18	20	21	11
	South Bend (#)	.200	1	5	1	1	0	0	0	0	0	1	1
1992	Chicago - AL	.246	68	122	27	30	7	1	0	9	22	13	10
1993	Chicago - AL	.268	153	579	95	155	15	13	2	51	67	63	20
1994	Chicago - AL	.276	90	312	55	86	13	4	2	30	38	32	8
	South Bend (#) (2)	.455	3	11	3	5	1	0	0	1	2	1	1
1995	Seattle	.297	120	427	64	127	19	2	3	39	37	31	18
1996	Seattle	.291	144	530	90	154	37	6	6	45	35	32	5
1997	Seattle	.300	149	574	105	172	40	4	11	54	53	49	6
1998	Seattle (3)	.283	131	519	95	147	23	6	6	26	62	50	13
-	Cleveland (4)	.229	24	83	16	19	4	0	0	6	11	9	2
Minor I	_eague Totals	.307	506	1972	349	605	79	24	10	208	253	159	137
N.L. To	tals	.250	140	360	40	90	11	2	0	16	35	35	24
A.L. To	tals	.280	979	3374	584	945	160	39	30	278	345	300	93
Major I	eague Totals	.277	1119	3734	624	1035	171	41	30	294	380	335	117

(#)Injury Rehab Assignment

Selected by San Diego in 1985 First-Year Player Draft (1st round - 23rd pick overall).

(1) Acquired by Chicago (AL) from San Diego, 3/31/91, along with infielder Kevin Garner and outfielder Warren Newson, in deal for pitchers Adam Peterson and Steve Rosenberg.

(2) Granted free agency on 12/23/94... Signed by Seattle as a free agent on 4/6/95.

(3)Claimed off waivers by Cleveland from Seattle on 8/31/98.

(4)Granted free agency on 10/29/98...Signed by Toronto as a free agent on 2/3/99...Released by Toronto on 3/11/99.

ALL-STAR GAME STATISTICS																			
YEAR SITE	AVG	G	АВ	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	ОВР	SLG	E
1997 Cleveland	.000	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	.000	.000	0
All-Star Game Totals	.000	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	.000	.000	_

	DIVISION SERIES STATISTICS																	
YEAR	CLUB/OPP	AVG	G	АВ	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	CS	E
1995	Sea. vs. NYY	.316	5	19	7	6	1	0	1	1	3	0	0	3	0	1	0	1
1996	Sea. vs. Bal.	.176	4	17	1	3	0	0	0	0	0	0	0	0	4	0	0	0
1998	Cle. vs. Bos.	.000	4	10	2	0	0	0	0	0	0	0	0	3	2	0	0	0
Divisio	n Series Totals	.196	13	46	10	9	1	0	1	1	3	0	0	6	6	1	0	1

	LEAGUE CHAMPIONSHIP SERIES STATISTICS																	
YEAR	CLUB/OPP	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	E
1993	CWS vs. Tor.	.136	6	22	1	3	0	0	0	1	2	0	1	3	6	0	0	3
1995	Sea. vs. Cle.	.174	6	23	3	4	1	0	0	0	0	0	2	1	0	2	0	1
1998	Cle. vs. NYY	.143	2	7	1	1	0	0	0	0	0	0	0	2	1	0	0	0
L.C.S. 1	Γotals	.154	14	52	5	8	1	0	0	1	2	0	3	6	7	2	0	4

DID YOU KNOW...

That Joey Cora had a bunt-single to lead off the bottom of the 11th inning in Game 5 of the 1995 A.L. Division Series against the New York Yankees and scored the tying run (ahead of Ken Griffey, Jr.) as Seattle scored two runs and won 6-5 to capture the best-of-five series.

OPS

ASEBALL



DAVE JAUSS

COACH • #85

AGE: 61

BORN: 1/16/57 in Chicago, IL

RESIDES: Naples, FL

APPOINTED: 10/31/12
CONTRACT: Signed thru 2019

DAVE JAUSS is in his sixth season as a Major League Coach, having joined Manager Clint Hurdle's staff on October 31, 2012. He spent the 2016 season as the Pirates Bench Coach.

Now in his 31st season in professional baseball, Jauss spent the final month of the 2012 regular season with the big league club and continues to provide thoughts and recommendations to Clint Hurdle and the Major League coaching staff and front office on individual players as well as the entire club.

Jauss spent the 2012 season, his first with the Pittsburgh organization, as a Special Assistant to General Manager Neal Huntington, assisting

in Player Acquisition with an emphasis on Advance Scouting of National League clubs. He also managed the Estrellas club from San Pedro in the Dominican Republic Winter League during the 2012 offseason.

In 2011, Jauss worked with the New York Mets as their Coordinator of Staff Development. He also served the Mets as their Major League Bench Coach in 2010 after working in the same capacity under manager Dave Trembley in Baltimore (2008-09) and under manager Grady Little with the Los Angeles Dodgers (2006-07).

Prior to joining the Dodgers in 2006, Jauss spent 10 seasons working as a coach, scout and administrator in the Boston organization from 1996-2005. He spent the 1995 campaign as Baltimore's coordinator of instruction before being hired by the Red Sox, where he worked as the minor league field coordinator for two years (2000-2001). His last three seasons with Boston (2003-05) were spent in the role of a Major League Advance Scout.

Jauss' start in professional baseball came in 1988 when he managed Montreal's Gulf Coast League team. He spent a total of three seasons as a manager in the Expos' farm system (1988,



at a Miracle League event.

1992, 1994), compiled a 188-151 (.555) record and was named Eastern League Manager-ofthe-Year after guiding Harrisburg to an 88-51 record and first-place finish in 1994.

Jauss also spent six years as a college head coach before moving to pro ball. He coached at Westfield (MA) State College from 1982-84 and at Atlantic Christian College in Wilson, NC from 1985-87. He also managed in the New Brunswick Canadian Senior League in 1981-82 and coached for two seasons in the NCAA-sanctioned Cape Cod League with Hyannis in

1983 and 1984.

In addition to the 2012 offseason, Dave managed Licey during the 2009 Dominican Winter League. He also managed Licey three other times (1998-99, 2002) and spent three years (1993-95) as a coach with Caracas in the Venezuelan Winter League.

PERSONAL: David Patrick Jauss...Wife's name is Billie...Has three sons; DJ (9/5/90), Charley (6/24/92) and Will (8/2/96)...Is a 1975 graduate of New Trier East High School in Winnetka, IL, where he played baseball and basketball...Earned a B.A. degree in Psychology from Amherst (MA) College and a Master's Degree in Sports Management from the University of Massachusetts... Captained the baseball and basketball teams while playing at Amherst...His father, Bill, was a renowned sportswriter for the Chicago Tribune, and was elected into the U.S. Basketball Writers Association Hall-of-Fame upon his retirement in 2003...His son, DJ, was selected by the Washington Nationals in the 29th round of the 2014 First-Year Player Draft.

	MANAGERIAL RECORD								
YEAR	CLUB	LEAGUE	w	L	РСТ	DIVISION	FINISH		
1988	GCL Expos	Gulf Coast	24	39	.381	East	6th		
1992	West Palm Beach (1)	Florida State	76	61	.555	East	1st/2nd		
1994	Harrisburg (2)	Eastern	88	51	.633	South	1st		
Minor L	eague Totals (3 years)		188	151	.555				

(1)Lost to Lakeland, two games to none, in first round of Florida State League playoffs.

(2)Defeated Bowie, three games to two, in first round of Eastern League playoffs...Lost to Binghamton, three games to one, in Eastern League championship.

Manager, GCL Expos, 1988.

Third Base Coach, West Palm Beach, 1989-1991.

Manager, West Palm Beach, 1992

Manager, Harrisburg, 1994.

Coordinator of Instruction, Baltimore, 1995.

First Base Coach, Boston, 1997-1999.

Minor League Field Coordinator, Boston, 2000-2001.

Director of Player Development, Boston, 2002.

Bench Coach, Los Angeles (NL), 2006-2007.

Bench Coach, Baltimore, 2008-2009.

Bench Coach, New York (NL), 2010.

Coordinator of Staff Development, New York (NL), 2011.

Special Assistant to the GM, Pittsburgh, 2012.

Major League Coach, Pittsburgh, 2013-2015, 2017. Bench Coach, Pittsburgh, 2016.

JEFF LIVESEY

ASSISTANT HITTING COACH • #75

AGE: 51 (turns 52 on May 24) BORN: 5/24/66 in Worcester, MA

RESIDES: Gulfport, FL **APPOINTED:** 11/18/13

POSITION PLAYED: C

CONTRACT: Signed thru 2019



JEFF LIVESEY is in his fifth season as a Major League coach, having joined the staff on November 18, 2013. In his role, Jeff will act primarily as the assistant hitting coach, working with Jeff Branson to implement the club's hitting program.

Now in his 16th season with the Pittsburgh organization, Livesey returned to the Pirates in 2011 after spending the previous five years as a coach in Japan: was the Bench Coach for the Hiroshima Carp for four years and the Bench Coach for the Rakuten Eagles for one year. He also spent

three years (2011-2013) as Pittsburgh's Coordinator prior to joining the big leagu

Livesey's tenure with the Pirates orga when he served as the Hitting Coach Carolina League. He also worked in the same capacity with Double-A Altoona (1999-2000), Triple-A Nashville (2001, 2004) and again with Lynchburg (2002-2003), where he watched Hillcat hitters lead the Carolina League in hitting and home runs each vear.

In 2005 Jeff was the manager for the Gulf Coast League Pirates, where he led the Baby Bucs to a 28-26 record and a second-place finish in his only season as a minor league skipper.

Prior to joining the Pirates, Livesey nt two seasons (1996-1997) as the ach for Montreal's Double-A n Harrisburg while the aptured the Eastern League hip each year.

by New York (AL) in the 13th e 1988 June free agent draft. is a catcher in the Yankees eight years, hitting .217 (373ith 16 home runs and 102 RBI

e three appearances at first at third base. Jeff retired in at Columbus (AAA).

ey (pronounced "LIV-zee")... Wife's name is Christine...Has two children; son Hudson (8/9/99) and daughter Chase (6/12/02)....Is a 1984 graduate of Lakeland Regional High School in Wanaque, NJ, where he played baseball, football and was on the wrestling team for two vears...Is a member of the Lakeland High School Baseball Hall-of-Fame...Received a degree in business finance as a 1988 Auburn University graduate.

Jeff poses with yo Clemente I		spent two s Hitting Coad affiliate in Senators ca championsh Selected I round of the Livesey was system for e
s' Minor League Hitting ue staff.	in 373 career games base, two in the out 1995 after spending	field and one a
anization began in 1998 with Lynchburg in the	PERSONAL: Jeffrey	William Livesey

			LIFE	TIME E	ATTI	NG S	TATIS	STICS					
YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	ВВ	so	SB
1988	Oneonta	.222	37	126	15	28	3	1	2	9	17	30	0
	Fort Lauderdale	.200	9	25	2	5	2	0	0	2	1	11	0
1989	Prince William	.203	70	197	17	40	12	0	2	17	9	48	1
1990	Fort Lauderdale	.176	45	148	11	26	6	0	4	15	15	55	0
	Albany-Colonie	.158	9	19	0	3	0	0	0	1	1	7	0
1991	Prince William	.247	20	73	8	18	5	0	2	9	3	13	0
	Albany-Colonie	.230	23	61	5	14	1	0	2	6	0	14	0
1992	Albany-Colonie	.190	18	42	1	8	3	0	0	5	6	13	0
	Columbus	.111	3	9	0	1	0	0	0	1	0	2	0
1993	Albany-Colonie	.154	32	104	6	16	4	0	0	6	7	22	0
	Columbus	.247	34	89	9	22	5	0	2	8	2	19	0
1994	Albany-Colonie	.302	31	106	13	32	6	1	2	16	0	20	1
1995	Columbus	.264	42	91	8	24	3	0	0	7	7	18	0
Minor L	eague Totals	.217	373	1090	95	237	50	2	16	102	68	272	2

Selected by New York (AL) in 1987 First-Year Player Draft (38th round), but did not sign. Selected by New York (AL) in 1988 First-Year Player Draft (13th round).

	MANAGERIAL RECORD												
YEAR	CLUB	LEAGUE	w	L	PCT	DIVISION	FINISH						
2005	GCL Pirates	Gulf Coast	28	26	.519	South	2nd						
Totals (1	season)		28	26	.519								

Hitting Coach, Harrisburg, 1996-1997.

Hitting Coach, Lynchburg, 1998, 2002-2003.

Hitting Coach, Altoona, 1999-2000. Hitting Coach, Nashville, 2001, 2004.

Manager, GCL Pirates, 2005.

Coach, Japan, 2006-2010.

Minor League Hitting Coordinator, Pittsburgh, 2011-2013.

Major League Coach, Pittsburgh, 2014-2017.

organization.

2017



JUSTIN MECCAGE

ASSISTANT PITCHING COACH • #87

AGE: 38

BORN: 2/10/80 in Billings, MT

RESIDES: Sarasota, FL APPOINTED: 12/1/17 POSITION PLAYED: RHP
CONTRACT: Signed thru 2019

JUSTIN MECCAGE is in his first season as coach at the ${\sf T}$

Meccage spent the 2017 season as the Minor League Pitching Coordinator, overseeing the pitching efforts at each of the minor league affiliates.

Major League level and his eighth overall in the Pittsburgh

Prior to his assignment last year, Justin spent two seasons (2015-16) as the Pitching Coach with Double-A Altoona. He also served as Pitching Coach for the Glendale Desert Dogs in the Arizona Fall League in 2015.

Meccage began his tenure with the Pirates organization as the Pitching Coach with State College in 2011. He also worked in the same capacity with the Bradenton club in 2013 and 2014.

In 2010, Meccage was the Pitching Coach at Arkansas State University and was named the Sun Belt Conference Assistant Coach-of-the-Year by SEBaseball.com. He joined the ASU coaching staff in August of 2007.

Prior to joining the Arkansas State staff, Justin served as an assistant coach, recruiting coordinator and pitching coach for Texas-Pan American University from 2004-2007. The former right-handed pitcher was selected by the New York Yankees in the 32nd round of the 2002 First-Year Player Draft out of Oklahoma State University. He pitched professionally for two seasons (2002-03) with Staten Island in the New York-Penn League, where he posted a 2-2 record, two saves and a 3.83 ERA in 20 total games (three starts).

Meccage also pitched with Cook County in the independent Frontier League in 2003 before moving into the coaching ranks in 2004.

PERSONAL: Justin Robert Meccage (pronounced like the word "message")...Wife's name is Stacee...Has three sons; Kyler (8/1/08), Hudson (8/17/10) and Rylan (12/21/12)...Is a 1998 graduate of Charles M. Russell High School in Great Falls, MT...Pitched two seasons at Arizona Western College before playing at Oklahoma State in 2001-02...Went 6-2 with a 4.60 ERA (92.0ip/47er) and 75 strikeouts in 31 games (five starts) at OSU...Received the Chuck Tanner Award in March 2017, an award presented by the Pirates Player Development department since 2011 to a minor league staff member who best exemplifies Tanner's optimism, work ethic and leadership...Participated in Piratesfest this past December.

	LIFETIME PITCHING STATISTICS																	
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	НР	ВВ	so	WP	вк
2002	Staten Island	2-2	3.11	19	3	0	0	2	46.1	36	21	16	2	1	19	45	3	0
2003	Staten Island	0-0	108.00	1	0	0	0	0	0.1	6	4	4	0	0	1	0	1	0
	Cook County	0-4	4.61	7	0	0	0	1	13.2	18	12	7	1	1	9	9	5	0
Minor I	_eague Totals	2-2	3.86	20	3	0	0	2	46.2	42	25	20	2	1	20	45	4	0
Indono	ndont Losque Totals	0.4	4.61	7	0	0	0	1	17.2	10	12	7	1	1	0	0	-	0

Selected by New York (AL) in 2002 First-Year Player Draft (32nd round).

Pitching Coach, State College, 2011-2012.

Pitching Coach, Bradenton, 2013-2014.

Pitching Coach, Altoona, 2015-2016.

Minor League Pitching Coordinator, Pittsburgh, 2017.

MOST WINS AT THE ALL-STAR BREAK (INDIVIDUAL)

RECORD AT THE BREAK	PITCHER	YEAR	FINAL RECORD
14-3	Dock Ellis	1971	19-9
13-3	Gerrit Cole	2015	19-8
12-6	Ken Brett	1974	13-9
12-0	Roy Face	1959	18-1
11-1	Jim Bibby	1980	19-6
11-4	Steve Blass	1972	19-8
11-2	Mace Brown	1938	15-9
11-7	Kevin Correia	2011	12-11
11-7	Bob Friend	1956	17-17
11-4	Vernon Law	1960	20-9
11-6	Rip Sewell	1944	21-12

TOM PRINCE

BENCH COACH • #14

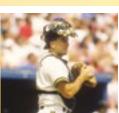
AGE: 53 (turns 54 on August 13) BORN: 8/13/64 in Kankakee, IL

RESIDES: Bradenton, FL **APPOINTED: 10/29/16**

Pittsburgh organization.

POSITION PLAYED: C

CONTRACT: Signed thru 2019



TOM PRINCE is in his second season as Pittsburgh's Bench Coach, having been named to the position on October 29, 2016. The 2018 season marks Prince's 35th year in professional baseball - his 25th in the

Prince spent the 2016 season as the Pirates Minor League Field Coordinator after managing the Altoona Curve to a 74-68 record and a post-season appearance in 2015 - his 11th season as a minor league manager.

In 2014, Tom guided Bradenton to a secondhalf division title and an overall record of 78-61 while being recognized as one of the top managers in the Florida State League.

Prior to spending 2013 as the organization's Coordinator of Instruction, Prince spent six years managing the Gulf Coast League Pirates. He captured the GCL Championship in 2012 - the first for the GCL Pirates since joining the league in 1968.

Prince was named the Gulf Coast League Manager-of-the-Year in 2008 after guiding his club to a league-best 37-18 record and a first-place finish in the South Division. He also served as Williamsport's skipper for two years (2005-2006).

Tom began the 2004 season as a coach with Williamsport and finished the campaign as the manager at Lynchburg; he guided the Hillcats to a 19-40 record from July 5 thru the end of the season

In his 11 seasons as a minor league manager, Prince compiled a 434-407 (.516) record while advancing to the postseason six

Originally selected by Pittsburgh in the fourth round of the

secondary phase of the 1984 June draft, Prince made his Major League debut with the Pirates on 9/22/87. He homered off New York's Bob Ojeda for his first big league hit on 9/27/87 at Shea Stadium

Tom played parts of 17 seasons in the Major Leagues with Pittsburgh (1987-1993), Los Angeles-NL (1994-1998), Philadelphia (1999-2000), Minnesota (2001-2003) and Kansas City (2003). He missed most of the 1999 season due to torn ligaments in his left wrist.

In addition to his 478 career games as a catcher in the big leagues, Prince made one appearance at first base on 10/6/91 while playing with the Pirates and one appearance

at third base on 5/1/92 while also playing under Manager Jim Leyland and the Bucs.

In 519 career big league games, Prince compiled a .208 batting average (248-for-1190), 24 home runs and 140 RBI. He retired as a player in 2003 after going 8-for-40 (.200) with two homers and six RBI in 24 games with the Twins and 2-for-8 in eight games with the Royals.

Prince appeared in one game with the Twins during the 2002 A.L. Division Series against Oakland and in one game during the A.L.C.S. that season against Anaheim.

PERSONAL: Thomas Albert Prince...Wife's name is Gail...Has two children; son John (7/13/92) and daughter Shannon (7/7/96)... Is a 1982 graduate of Bradley-Bourbonnais High School in Bradley, IL...Also attended Kankakee (IL) Community College... Received the Chuck Tanner Award in March of 2012, an award presented since 2011 to the minor league staff member who best exemplifies Tanner's optimism, work ethic and leadership.

		MAN	IAGERI	AL REC	ORD		
YEAR	CLUB	LEAGUE	w	L	PCT	DIVISION	FINISH
2004	Lynchburg *	Carolina	19	40	.322	Northern	4th
2005	Williamsport (1)	New York-Penn	44	32	.579	Pinckney	2nd
2006	Williamsport	New York-Penn	28	47	.373	Pinckney	6th
2007	Pirates	Gulf Coast	26	30	.464	South	4th
2008	Pirates (2)	Gulf Coast	37	18	.673	South	1st
2009	Pirates	Gulf Coast	29	31	.483	South	2nd
2010	Pirates	Gulf Coast	29	30	.492	North	2nd
2011	Pirates (3)	Gulf Coast	34	26	.567	North	2nd
2012	Pirates (4)	Gulf Coast	36	24	.600	North	1st
2014	Bradenton (5)	Florida State	78	61	.561	South	4th/1st
2015	Altoona (6)	Eastern	74	68	.521	Western	2nd
1inor L	eague Totals (11 years)		434	407	.516		

(1)Lost to Staten Island, two games to none, in first round of New York-Penn League playoffs. (2)Lost to the GCL Phillies, one game to none, in first round of Gulf Coast League playoffs.

(3)Lost to the the GCL Marlins, one game to none, in first round of Gulf Coast League playoffs.

(4)Defeated the GCL Cardinals, one game to none, in first round of Gulf Coast League playoffs...Defeated the GCL Red Sox, two games to none, to win GCL Championship.

(5)Lost to Fort Myers, two games to none, in first round of Florida State League playoffs.

(6)Lost to Bowie, three games to one, in first round of Eastern League playoffs.

Coach, Williamsport/Manager, Lynchburg, 2004.

Manager, Williamsport, 2005-2006. Manager, GCL Pirates, 2007-2012. Coordinator of Instruction, Pittsburgh, 2013.

Manager, Bradenton, 2014. Manager, Altoona, 2015.

Minor League Field Coordinator, Pittsburgh, 2016.

Bench Coach, Pittsburgh, 2017.

			LIFE	ГІМЕ Е	BATTI	NG S	TATIS	STICS					
YEAR	CLUB	AVG	G	АВ	R	Н	2B	3B	HR	RBI	ВВ	so	SB
1984	Watertown	.203	23	69	6	14	3	0	2	13	9	13	0
	GCL Pirates	.229	18	48	4	11	0	0	1	6	8	10	1
1985	Macon	.208	124	360	60	75	20	1	10	42	96	92	13
	Prince William	.253	121	395	59	100	34	1	10	47	50	74	4
1987	Harrisburg	.307	113	365	41	112	23	2	6	54	51	46	6
	Pittsburgh	.222	4	9	1	2	1	0	1	2	0	2	0
1988	Buffalo	.2600	86	304	35	79	16	0	14	42	23	53	3
	Pittsburgh	.176	29	74	3	13	2	0	0	6	4	15	0
1989	Buffalo	.202	65	183	21	37	8	1	6	33	22	30	2
	Pittsburgh	.135	21	52	1	7	4	0	0	5	6	12	1
1990	Pittsburgh	.100	4	10	1	1	0	0	0	0	1	2	0
	Buffalo	.225	94	284	38	64	13	0	7	37	39	46	4
1991	Pittsburgh	.265	26	34	4	9	3	0	1	2	7	3	0
	Buffalo	.208	80	221	29	46	8	3	6	32	37	31	3
1992	Pittsburgh	.091	27	44	1	4	2	0	0	5	6	9	1
	Buffalo	.262	75	244	34	64	17	0	9	35	20	35	3
1993	Pittsburgh (1)	.196	66	179	14	35	14	0	2	24	13	38	1
1994	Albuquerque	.285	103	330	61	94	31	2	20	54	51	67	2
	Los Angeles - NL	.333	3	6	2	2	0	0	0	1	1	3	0
1995	Albuquerque	.318	61	192	30	61	15	0	7	36	27	41	0
	Los Angeles - NL	.200	18	40	3	8	2	1	1	4	4	10	0
1996	Albuquerque	.411	32	95	24	39	5	1	7	22	15	14	0
	Los Angeles - NL	.297	40	64	6	19	6	0	1	11	6	15	0
1997	Los Angeles - NL	.220	47	100	17	22	5	0	3	14	5	15	0
1998	Los Angeles - NL (2)	.185	37	81	7	15	5	1	0	5	7	24	0
1999	Philadelphia	.167	4	6	1	1	0	0	0	0	1	1	0
	GCL Phillies (#)	.238	7	21	3	5	3	0	0	3	4	0	0
	Clearwater (#)	.364	9	33	5	12	0	0	2	9	3	3	1
	Scranton/WB (#)	.091	7	22	2	2	0	0	1	1	3	5	1
2000	Philadelphia (3)	.238	46	122	14	29	9	0	2	16	13	31	1
2001	Minnesota	.219	64	196	19	43	4	1	7	23	12	39	3
2002	Minnesota	.224	51	125	14	28	7	1	4	16	14	26	1
2003	Minnesota (4)	.200	24	40	5	8	2	0	2	5	5	7	1
	Kansas City	.250	8	8	0	2	0	0	0	1	0	0	0
Minor L	eague Totals	.307	506	1972	349	605	79	24	10	208	253	159	137
N.L. To	tals	.203	372	821	75	167	53	2	11	95	74	180	4
A.L. To		.220	147	39	38	81	13	2	13	45	31	72	5
Major L	eague Totals	.208	519	1190	113	248	66	4	24	140	105	252	9

(#)Injury Rehab Assignment

Selected by Pittsburgh in 1984 First-Year Player Draft (4th round - secondary phase).

(1)Granted free agency on 10/22/93...Signed by Los Angeles (NL) as a minor league free agent on 11/8/93.

(2)Granted free agency on 10/22/98...Signed by Philadelphia as a free agent on 12/18/98.

(3)Granted free agency on 10/31/00...Signed by Minnesota as a minor league free agent on 12/19/00.

(4)Released by Minnesota on 7/16/03...Signed by Kansas City as a minor league free agent on 7/21/03.

	DIVISION SERIES STATISTICS																	
YEAR	CLUB/OPP	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	E
1996	LA vs. Atl.							D	ID NO.	T PLAY								
2002	Min. vs. Oak.	.000	1	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0
Divisio	n Series Totals	.000	1	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0

		LE/	AGI	JE C	HA	MP	ION	SHII	P SE	RIE	S ST	ATI	STIC	S				
YEAR	CLUB/OPP	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	Е
2002	Min. vs. Ana.	.000								0								

DID YOU KNOW...

That Tom Prince hit an inside-the-park home run on 5/27/93. The three-run homer came off Florida pitcher Ryan Bowen in Pittsburgh's 13-8 victory over the Marlins at Three Rivers Stadium.



EUCLIDES ROJAS

BULLPEN COACH • #56

AGE: 50 (turns 51 on August 25) BORN: 8/25/67 in Havana. Cuba

RESIDES: Miami Fl **APPOINTED: 11/24/10** POSITION PLAYED: RHP

CONTRACT: Signed thru 2019

EUCLIDES ROJAS is in his eighth season as the Bullpen Coach, having joined the Major League coaching staff on November 24, 2010. He served the Red Sox in the same capacity for two seasons (2003-04) and also spent 12 days in 1999 as the Florida Marlins Bullpen Coach.

During his tenure with the big league club (2011-2017), Pittsburgh's bullpen has produced the highest saves total among all Major League clubs (332) while also posting the best bullpen ERA (3.30).

Rojas spent six years (2005-2010) as Pittsburgh's Latin American Field Coordinator and also worked for the Pirates as a roying minor

league instructor in 2002 with an emphasis on the club's Latin American program.

Prior to joining the Pirates in January of 2002, Rojas spent five seasons as a coach in the Florida Marlins minor league system. He began his coaching career in the Gulf Coast League the same day he was released as a player by the Marlins on June 2, 1996.

After three more seasons (1997-99) with the GCL Marlins, Euky spent the 2000 season as the Pitching Coach for the Brevard County Manatees and was named the Florida organization's winner of the Carl Barger Player Development Person-of-the-Year award. His staff that season included A.J. Burnett, Dan



Miceli, Brad Penny and Claudio Vargas, who won 10 games and was named to the Florida State League All-Star team.

A right-handed pitcher, Rojas pitched in the Marlins farm system in 1995 and retired as a player on June 2, 1996. He was also a member of the Cuban National Team from 1982-1994 and ranks as the all-time leader in Cuban baseball with 342 career relief appearances and 90 saves. His playing career also consisted of pitching on Olympic, World and Pan American championship teams.

Rojas served as a coach with Magallanes during the 2011-12 Venezuelan Winter

League.

PERSONAL: Euclides Rojas...Wife's name is Marta...Has one son; Euclides Jr. (12/23/91)...Is a graduate of Jose Luis Arrunada High School in Cuba and a 1989 graduate of Havana University...Fled Cuba with 12 others crammed on a 15-foot raft in August of 1994... Drifted for five days until being rescued by the U.S. Coast Guard... Spent six months at Guantanamo Bay before entering the United States, sponsored by Rene Arocha, the former St. Louis Cardinals. pitcher who had previously fled Cuba...Was selected by Florida in the 30th round of the 1995 First-Year Player Draft and signed by Marlins scout Dick Egan.

	LIFETIME PITCHING STATISTICS																	
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
1995	GCL Marlins	2-0	0.90	2	2	0	0	0	10.0	6	1	1	0	0	1	7	0	1
	Portland (ME)	1-1	7.77	14	1	0	0	1	22.0	27	20	19	3	1	13	22	2	1
	Charlotte	0-1	3.00	2	0	0	0	0	3.0	2	1	1	0	0	2	2	0	0
1996	Charlotte	0-0	6.00	6	0	0	0	0	9.0	12	6	6	2	1	3	8	2	0
Minor I	League Totals	3-2	5.52	24	3	0	0	1	44.0	47	28	27	5	2	19	39	4	2

Selected by Florida in 1995 First-Year Player Draft (30th round)

Pitching Coach, GCL Marlins, 1996-1999, 2001.

Pitching Coach, Brevard County, 2000.

Roying Minor League Instructor, Pittsburgh, 2002.

Bullpen Coach, Boston, 2003-2004.

Latin American Field Coordinator, Pittsburgh, 2005-2010.

Bullpen Coach, Pittsburgh, 2011-2017.

ALL-TIME FRANCHISE VICTORIES

TEAM	WINS
Giants	
Cubs	10,803
Braves	10,510
Dodgers	10,366
Yankees	10,175
Pirates	10,158

RAY SEARAGE

PITCHING COACH • #54

AGE: 62 (turns 63 on May 1) BORN: 5/1/55 in Deer Park, NY

RESIDES: St. Petersburg, FL **APPOINTED: 11/24/10**

POSITION PLAYED: LHP CONTRACT: Signed thru 2019



Regarded as one of the top Pitching Coaches in Major League Baseball, RAY SEARAGE is in his eighth full season with the Pirates. He joined the Major League staff on October 17, 2009 and was named interim Pitching Coach on August 8, 2010 after Joe Kerrigan was relieved of his duties. Ray was officially named Pitching Coach on November 24, 2010

The 2018 season marks Searage's 41st in professional baseball and his 16th with the Pittsburgh organization.

During his tenure as the Pirates Pitching Coach (2011-2017), the staff has posted the sixth-lowest ERA (3.75), the highest saves total (332) and the lowest bullpen ERA (3.30) in the Major Leagues while also producing the fourth-highest win total (584) among National League teams.

In 2015 Searage oversaw a Pittsburgh pitching staff that posted the second-lowest ERA (3.21) in the Major Leagues and the lowest mark by the Pirates since the 1984 team led the Majors with a 3.11 ERA.

Searage was the guiding force behind Francisco Liriano being named Comeback Player-of-the-Year in 2013 as the lefthander went 16-8 with a 3.02 ERA in his first year with the Pirates after going 6-12 with a 5.34 ERA the previous season.

Searage spent seven seasons as a Pitching Coach at various levels within the Pirates minor league system, most recently with Triple-A Indianapolis in 2008-2009. He also served in the same capacity with Double-A Altoona (2006-07), Class-A Hickory (2005) and Rookie-League Williamsport (2003-2004). During his tenure with the Bucs, he

also served as a coach during the Arizona Fall League in 2006 and again in 2008. In addition, he spent the 2009 offseason working as the Pitching Coach for Magallanes in the Venezuelan Winter League and did so again in 2010 until he was named



Pitching Coach of the Bucs.

Prior to joining the Pittsburgh organization, Ray spent the 2000 and 2001 seasons as the Florida Marlins Minor League Pitching Coordinator. He also served as Pitching Coach with Orlando (Devil Rays' AA) for three years prior to joining the Marlins. Searage began his coaching career in the St. Louis Cardinals minor league system, working as a Pitching Coach with Madison (1994), Peoria (1995-1996) and Prince William (1997)

Originally selected by St. Louis in the 22nd round of the 1976 June draft, Searage made his Major League debut with the New York Mets on 6/11/81. Ray picked up his first Major League win at Wrigley Field in Chicago while making his third career appearance on 8/11/81; in the same game he singled off Dick Tidrow in his first big league plate appearance. Later in the 1981 season, he

earned his first save after nailing down a 5-3 Mets victory over the Pirates at Three Rivers Stadium in Pittsburgh on September



Searage pitched a total of seven big league seasons with the Mets (1981), Brewers (1984-86), White Sox (1986-87) and Dodgers (1989-90) and compiled an 11-13 record, 11 saves and a 3.50 ERA in 254 games (all in relief). He finished his professional pitching career with Edmonton (Angels' AAA) in 1992.

PERSONAL: Raymond Mark Searage...Wife's name is Vicki...Has three sons; Raymond II (10/16/80), Ryan (11/23/82) and Robbie (4/25/88)...Is a 1973 graduate of Deer Park High School on Long Island, NY...Played baseball, basketball and ran cross country

> mer20-6 ows20-9

> ill......22-11 rimes 25-14 mer20-1221-921-12

kson.....20-16 d.....22-1420-9

delaria.....20-5 22-6 ey.....20-8

w.....

while in high school...Also played baseball at West Liberty State College in West Virginia...Received the Chuck Tanner Memorial Award at the Chuck Tanner awards banquet in Pittsburgh on 11/14/16

1901	Deacon Phillippe 22-12 Jack Chesbro21-10	1909	Howard Camr
1902	Jack Chesbro28-6 Jess Tannehill20-6	1911	Babe Adams . Howard Camr
1903	Deacon Phillippe20-9 Sam Leever25-7	1912	Claude Hendr Howard Camr
	Deacon Phillippe 25-9	1913	Babe Adams .
1905	Sam Leever20-5	1915	Al Mamaux
	Deacon Phillippe20-13	1916	Al Mamaux
1906	Vic Willis23-13 Sam Leever22-7	1920	Wilbur Coope
1907		1921	Wilbur Coope
1907	Al Leifield20-16	1922	Wilbur Coope
1908	Nick Maddox23-8	1923	John Morrisor
	Vic Willis23-11	1924	Wilbur Coope

	INITERS		
1909	Howard Camnitz25-6 Vic Willis22-11	1926	Remy Krer Lee Meado
1911	Babe Adams22-12	1927	Carmen Hi
	Howard Camnitz20-15	1928	Burleigh G
1912	Claude Hendrix24-9 Howard Camnitz22-12	1930	Remy Krer
1913	Babe Adams21-10	1943	Rip Sewell
1915	Al Mamaux21-8	1944	Rip Sewell
1916	Al Mamaux21-15	1951	Murry Dick
1920	Wilbur Cooper24-15	1958	Bob Friend
1921	Wilbur Cooper22-14	1960	Vernon Lav
1922	Wilbur Cooper23-14	1977	John Cand
1923	John Morrison25-13	1990	Doug Drab
1924	Wilbur Cooper 20-14	1991	John Smile

OPS

			LIF	ETIM	IE PI	TCH	IING	STA	TISTIC	S				
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	ВВ	so
1976	Sarasota	1-3	4.22	11	5	0	0	4	24.0	24	17	15	22	31
1977	Johnson City	3-2	4.83	8	5	2	0	1	41.0	38	23	22	21	27
	St. Petersburg	0-0	2.84	13	0	0	0	2	19.0	11	7	6	12	12
1978	Gastonia	8-3	2.78	39	6	0	0	4	110.0	86	40	34	68	86
1979	Arkansas (1)	10-4	2.22	42	0	0	0	3	89.0	73	27	22	46	63
1980	Jackson	4-5	3.34	14	10	2	1	0	70.0	54	32	26	26	71
	Tidewater	1-0	6.90	19	0	0	0	2	30.0	35	24	23	20	20
1981	Tidewater	2-0	2.33	18	0	0	0	3	27.0	29	10	7	13	23
	New York - NL (2)	1-0	3.65	26	0	0	0	1	37.0	34	16	15	17	16
1982	Charleston (3)	2-7	4.89	38	9	0	0	3	114.0	112	73	62	87	87
1983	Charleston (4)	7-7	5.64	31	20	2	2	1	134.0	146	94	84	76	77
1984	Vancouver	6-3	3.07	33	5	0	0	1	76.1	62	29	26	44	59
	Milwaukee	2-1	0.70	21	0	0	0	6	38.1	20	3	3	16	29
1985	Milwaukee	1-4	5.92	33	0	0	0	1	38.0	54	27	25	24	36
	Vancouver	2-0	2.42	23	0	0	0	8	26.0	22	10	7	12	31
1986	Milwaukee	0-1	6.95	17	0	0	0	1	22.0	29	17	17	9	10
	Vancouver (5)	2-0	1.44	20	0	0	0	7	25.0	12	5	4	8	20
	Chicago-AL	1-0	0.62	29	0	0	0	0	29.0	15	3	2	19	26
1 987	Chicago-AL	2-3	4.20	58	0	0	0	2	55.2	56	28	26	24	33
	Hawaii (6)	0-1	3.68	3	1	0	0	1	7.1	6	5	3	3	5
1988	Albuquerque	2-3	5.10	51	0	0	0	8	60.0	62	39	34	25	58
1989	Los Angeles - NL	3-4	3.53	41	0	0	0	0	35.2	29	15	14	18	24
	Albuquerque	0-1	2.25	2	2	0	0	0	8.0	8	3	2	2	7
1990	Los Angeles - NL ((7) 1-0	2.78	29	0	0	0	0	32.1	30	11	10	10	19
1991	Scranton (8)	1-0	5.79	3	0	0	0	0	4.2	5	4	3	2	3
1992	Edmonton	3-3	5.33	34	1	1	0	1	49.0	65	35	29	22	23
Minor	League Totals	54-42	4.03	402	64	7	3	49	914.1	850	477	409	509	703
N.L. To	otals	5-4	3.35	96	0	0	0	1	104.2	93	42	39	45	59
A.L. To	otals	6-9	3.59	158	0	0	0	10	183.0	174	78	73	92	134
Major	League Totals	11-13	3.50	254	0	0	0	11	287.2	267	120	112	137	193

Selected by St. Louis in 1976 June Draft (22nd round).

(1)Acquired by New York (NL) from St. Louis, 12/10/79, in deal for catcher Jody Davis.

(2) Acquired by Cleveland from New York (NL), 1/8/82, in deal for infielder Tom Veryzer.

(3)Acquired by San Diego from Cleveland, 12/15/82, on a conditional basis for a player to be named...Returned to Cleveland on 3/28/83. (4)Signed by Milwaukee as a minor league free agent on 11/4/83.

(5)Acquired by Chicago (AL) from Milwaukee, 7/23/86, in deal for pitcher Al Jones and outfielder Tom Hartley. (6) Signed by Los Angeles as a minor league free agent on 4/5/88.

(7) Signed by Philadelphia as a minor league free agent on 3/14/91.

(8) Signed by California as a minor league free agent on 12/12/91.

Pitching Coach, Madison, 1994 Pitching Coach, Peoria, 1995-1996.

Pitching Coach, Prince William, 1997. Pitching Coach, Orlando, 1998-1999.

Minor League Pitching Coordinator, Florida, 2000-2001.

Pitching Coach, Williamsport, 2003-2004.

Pitching Coach, Hickory, 2005.

Pitching Coach, Altoona, 2006-2007. Pitching Coach, Indianapolis, 2008-2009.

Major League Coach, Interim Pitching Coach, Pittsburgh, 2010.

Pitching Coach, Pittsburgh, 2011-2017.

RUNS DATE **OPPONENT SCORE** 13 July 21, 2017 at Colorado Rockies WON 13-5 14 September 26, 1992......vs. New York Mets WON 19-2at Chicago Cubs 20+ (22)...... WON 22-0 23+ (24)... 25+ (27-club record) June 6, 1894......vs. Boston Braves.......vs. WON 27-11

THE LAST TIME THE PIRATES SCORED AS MANY AS...

OPS

HEBERTO ANDRADE

Heberto Andrade is in his 15th season as the Pirates Bullpen Catcher. His daily responsibilities include catching pitchers' bullpen sessions prior to games and warming up pitchers during the games. He also observes what pitchers are doing mechanically and has regular communication with the Bullpen Coach and Pitching Coach. Herbie also throws to the hitters during batting practice on a daily basis.

Andrade spent three years (1986-88) as a catcher in the Cubs farm system and also played professional baseball in Venezuela, Italy and Colombia before retiring as a player in 1996. He served the Oakland Athletics as an area scout in 1996 and in the same capacity with the Phillies from 1998 to 2002.

In addition to his duties with the Pirates, Heberto has spent the last 22 years as a coach and catching instructor

BULLPEN CATCHER

during the Venezuelan Winter League. He also participated in the Caribbean World Series four times as a player and once as a coach. Andrade was also an assistant catching instructor and Pitching Coach for the Victoria Captials

in 2003; an independent league team located in Victoria, BC, Canada.

Herbie was one of two catchers used in the 2006 All-Star Game Home Run Derby, which was held at PNC Park in Pittsburgh on July 10.

Andrade and his wife Maria reside in Venezuela and have four daughters; Heberit (27), Maria Jesus (21), Maria Jose (20) and Mariangel (19), along with one grandson, Andres

JORDAN COMADENA

Jordan Comadena is in his second full season with the Pirates as the club's Bullpen Catcher. He also worked in the same capacity during the final month of the 2016 campaign, attending home games at PNC Park.

In his role, Comadena assists the coaching staff during batting practice in addition to catching bullpen sessions before and during the games. He also works directly with Pitching Coach Ray Searage and Bullpen Coach Euky Rojas.

Signed as a minor league free agent by the Astros on 1/22/09, Jordan played three seasons (2009-2011) in the Houston organization and compiled a .221 average, two home runs and 28 RBI in 111 career games.

Prior to joining the Pirates, Comadena served as a coach at Purdue University in 2016. He also worked as a

BULLPEN CATCHER

coach at Parkland Junior College in Champaign, IL, in 2013 and with the Madison Mallards of the Northwoods League in the summer of 2012.

A native of Normal, IL, Jordan currently resides in Lafayette, IN. He

attended Normal (IL) Community West High School and received a Movement and Sports Science Degree in 2008 from Purdue University, wher he played baseball for four

During his collegiate career, Comadena played three summers (2005-2007) for the Madison Mallards of the Northwoods League. The Mallards retired his uniform #14 in 2008

MIKE GONZALEZ

Mike Gonzalez was hired by the Pirates prior to the 2016 season and serves the big league club as a Special Assistant to the General Manager, overseeing all media Spanish language translation and training for the Major League players.

Gonzalez also helps lead the club's Cultural Initiative Program, where he and his team help develop an educated, mentally strong and independent international player who has the intestinal fortitude to make the right decisions, and CULTURAL INITIATIV

Mike is a national leader in communication leadership development, outreach and culture change. He has spent the past 10

has taken ownership of his initiative.

years educating and guiding diverse teams toward transformational change.

Mike was raised in Puerto Rico and Tampa, FL, and currently lives in Palmetto, FL, with his wife Loida and son Justus.



Kevin Roach is in his 17th season with the Pittsburgh Pirates, his 14th as the team's official video coordinator. In his role, Kevin is responsible for videotaping each Pittsburgh batter and pitcher during every game, as well as collecting video on a majority of every opponent's games. The videos are then used by Manager Clint Hurdle, along with the coaching staff and players, to analyze strengths and weaknesses in the players performance. In addition, Kevin oversees the MLB video replay system which is utilized during every regular season game and the video operations for all minor league teams within the organization.

Prior to joining the Pirates, Roach spent five years as the video coordinator for the University of Pittsburgh Panthers basketball team. He was a staff member when Ben Howland won the Naismith "College Coach-of-the-Year" award in 2002. Kevin also served as an administrative assistant for the Cleveland State University men's basketball team for four years (1996-2000). While there, he coordinated the Cleveland State Benefit Golf Outing and was co-director of the Rollie Massimino Basketball Camp. Roach additionally worked with the Cleveland Browns media relations

department and the Cleveland Indians video department. He also served as an administrative assistant for the Wichita State men's basketball team from 1995-1996 and the UNLV men's basketball team from 1992-1994.

A native of Syracuse, NY, Roach earned both his Master's in sport management and Bachelor's degree in communication from Cleveland State University. He also owns an Associate's degree in radio and television from Onondaga Community College. In addition, Kevin coached the Cleveland Basketball Club's AAU 15 & Under squad which advanced to the 1999 AAU National Tournament in Indianapolis

Kevin and his wife Heather reside in Pittsburgh and have two daughters; Ella (10) and Lily (8), and one son; Brennan (4), Roach received the 2014 Craw "Daddy" award. presented by the Cincinnati Reds visiting clubhouse staff to the most outstanding video coordinator.

SCOTT BONNETT

Scott "Bones" Bonnett joined the Pittsburgh organization on February 1, 2000. He is in his 10th season as the Pirates Home Clubhouse Manager after spending nine years as the Assistant Equipment Manager.

Bonnett is responsible for ordering all equipment for the Major League club in addition to overseeing the entire operation of the Pirates clubhouse at PNC Park. He also oversees the transfer and distribution of personal luggage and all baseball equipment during team travel in spring training and the regular season. Scott also travels to Bradenton, FL, to assist the club during mini-camp and fantasy camp in January.

Prior to joining the Pirates, Scott worked as an attendant in the visiting baseball clubhouse at Cinergy Field, the previous home of the Cincinnati Reds, for nine years (1991-1999). He also served the Cincinnati organization

as a batboy for three seasons (1988-1990). Scott has also spent time with the Pirates the past 16 years during the club's spring training stay in Bradenton, Florida.



The 47-year-old Bonnett is a native of Cincinnati, OH, and currently resides in Pittsburgh with his wife Julie. He has one son; Sawyer James (12). A graduate of Lakota High School in West Chester, OH, Scott also attended the University of Cincinnati. In addition to being a supporter of the Cincinnati Bengals, Bones is an avid hockey fan with major loyalties toward the Detroit Red Wings. Bones has participated in the annual Bonnich Golf Tournament since 2013, capturing the championship in 2015, and being thoroughly destroyed in 2016 and 2017.



KEVIN CONRAD

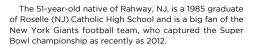
Kevin Conrad is in his 21st season as the visiting clubhouse manager, having been hired in January of 1998. In that role, he is responsible for maintaining a comfortable atmosphere for players and staff in the visiting baseball clubhouse at PNC Park in addition to assisting Equipment Manager Scott Bonnett in day-to-day clubhouse operations.

During the 2006 season, Kevin served as the clubhouse manager for the American League team during the Major League Baseball All-Star Game at PNC Park.

Prior to joining the Pittsburgh organization, Conrad served as an assistant in the Philadelphia Phillies visiting clubhouse for six seasons. In addition to serving as the

VISITING CLUBHOUSE MANAGER

visiting clubhouse manager at LECOM Park during spring training, Kevin has also assisted during the Pirates stay in Bradenton, Florida, since 1995 and offers his services during mini-camp and fantasy camp in January.



Kevin resides in Ross Township, PA..

KIERE BULLS

Kiere Bulls is in his 10th season as the Assistant Equipment Manager. In his role, he is responsible for helping to maintain a comfortable atmosphere for players, uniformed personnel and staff members in the Pirates clubhouse, in addition to assisting Home Clubhouse Manager Scott Bonnett in day-to-day operations

Bulls worked part-time in the Pirates clubhouse from August 1, 1998 thru the 2008 season while also working as a correctional officer at the Allegheny County Jail from March 29, 2004 thru February 2009.

In addition to handling all the duties while taking an occasional road trip with the team during the regular ${\sf constant}$

ASSISTANT CLUBHOUSE MANAGER

season, Kiere has also assisted Bonnett the last nine years during the club's stay in Bradenton, Florida, during spring training and offers his services during mini-camp and fantasy camp in January.

In February/March of 2017, Bulls served as the Clubhouse Manager for team Australia in Japan during the World Baseball Classic.

The 35-year-old Bulls is a 2000 graduate of Langley High School in Pittsburgh, and resides in Bellevue. He has two children; daughter London (14) and son Keyshawn (11).



JOE HULTZEN

Joe Hultzen is in his fifth season with the Pirates and his fourth as the club's video advance scout after spending his first year as a baseball operations fellow.

Hultzen works closely with the Major League coaching staff, pro scouts, players, and video coordinator on breaking down opponents in order to gain a competitive advantage.

Prior to joining the Pirates, Joe spent two years with the Arizona Diamondbacks in their baseball operations

VIDEO ADVANCE SCOUT

department, and one season with the Washington Nationals in their baseball operations department.

A native of Bethesda, MD, Hultzen earned his Bachelor's degree in Economics from Kenyon College in Gambier Ohio.

Joe currently resides in Pittsburgh.



ENERAL

DR. PATRICK DEMEO

Dr. Patrick DeMeo serves as the Medical Director for the Pittsburgh Pirates, a position he has held since the 2002 season. He began his tenure as Sports Medicine consultant and coordinator of services provided by Allegheny General Hospital for the club during the summer of 2000.

DeMeo is currently the System Chair and Professor of the Department of Orthopaedic Surgery for Allegheny Health Network and Drexel University School of Medicine in Philadelphia.

He received his medical degree from Wayne State University in 1986 and served his internship and residencies at the Downstate Medical Center at the State University of New York. Dr. DeMeo, who is certified by the American Board of Orthopaedic Surgery, completed his orthopaedic residency at The Ohio State University and his Fellowship training in sports medicine at the Cleveland Clinic. He was

also honored by Vectors as Pittsburgh's Physician-of-the-Year in 2002 and is the past President of Dapper Dan Charities in Pittsburgh.

In November of 2008, DeMeo and

the Pirates athletic training staff received the Dick Martin Award, an honor bestowed upon the Best Medical Staff in baseball by Baseball Prospectus. The award is named after the long-time Twins trainer who helped set the standard of excellence that today's Athletic Trainers and doctors aspire

Dr. DeMeo and his wife, Anita, have two children; son PJ (23) and daughter Kaitlyn (21).

DR. EDWARD SNELL

Dr. Edward Snell is in his 19th season as the Pirates Team Physician, having joined the staff in 2000.

In addition to his work with the Pirates, Ed served as the President for the Major League Baseball Team Physician Association and is a member of the PIAA Sports Medicine advisory board. He has also served as a medical consultant for a number of professional and amateur sports venues, including the Pittsburgh Penguins, the Pittsburgh Marathon, The Great Race, the NCAA tournament and the World Boxing Council. He was recognized as the Physician of the Year in 2009 by the PATS.

Snell is currently a senior attending staff physician with Allegheny Orthopaedic Associates. He is also a director of the Sports Medicine Fellowship Program at Allegheny General Hospital in Pittsburgh and serves as an Assistant Professor of Orthopaedics at Drexel University school of Medicine in Philadelphia.

native of Harrisburg, PA, Dr. Snell received undergraduate degrees in mathematics and chemistry

from Franklin and Marshall College in Lancaster, PA, a masters in engineering from Columbia University and his medical degree from the Pennsylvania State University College of Medicine in



1991. He completed his residency at St. Margaret Memorial Hospital in Pittsburgh and his fellowship training in sports medicine at the Cleveland Clinic Foundation in Ohio, where he also served as a physician for the Cleveland Cavaliers and the Cleveland Browns. Ed is a member of the American College of Sports Medicine and the American Medical Society of Sports Medicine. Snell also serves on the MLB Medical Advisory Committee and is the co-medical director of the athletic training program at Duquesne University.

Dr. Snell and his wife Christine have two daughters; Emily (21) and Flizabeth (17)

TODD TOMCZYK

Todd Tomczyk is in his seventh season with the Pirates organization, his first as the Director of Sports Medicine. He spent the last six years as the Head Athletic Trainer, having been named to the position on October 6, 2011. Under his guidance, the Pirates were named the 2014 Major League Training Staff of the Year.

Prior to joining the Pirates, Tomczyk spent five seasons as an assistant athletic trainer for the Los Angeles Dodgers. He also worked eight years in the Cleveland Indians organization working as the athletic trainer for Triple-A Buffalo (2005-06), Double-A Akron (2003-04), Class-A Columbus (2000-01) and Class-A Burlington (1999). Tomczyk also served as Cleveland's minor league rehabilitation coordinator for two seasons (2001-02).

DIRECTOR OF SPORTS

He is also a certified strength and conditioning specialist.

A Bethel Park (PA) native and a 1994 graduate of Seton-La Salle High School in Pittsburgh, Todd earned his bachelor's degree in sports medicine

from Duquesne University and his master's degree in exercise science from California University of Pennsylvania.

The 42-year-old Tomczyk and his wife, Colleen, reside in Pittsburgh with their two daughters. In addition to his work with the Pirates, Todd is an adjunct faculty member at Duquesne University.



HISTORY

BRYAN HOUSAND

Bryan Housand is in his 18th season with the Pittsburgh organization, his first as the head Athletic Trainer at the Major League level.

He spent the last two seasons as the Pirates Athletic Training Coordinator, in addition to serving as an Athletic Trainer for Team Korea during the 2017 WBC.

Housand was the Athletic Trainer for Triple-A Indianapolis for five years (2011-2015) and represented the organization at the 2015 International League All-Star Game. He spent 2010 with the Eastern League Champion Altoona club and also worked four seasons (2006-2009) with Lynchburg, which included a Carolina League Championship in 2009.

Bryan served as the head athletic trainer in the Arizona Fall League with Scottsdale in 2012, for the league champion Phoenix club in 2007 and with the Mesa Solar Sox in 2010. He also spent three years (2003-2005) as the trainer with Hickory (A) and two seasons (2001-2002) as the trainer with **HEAD ATHLETIC**

Williamsport (Rookie)

Aside from his work with the Pirates, Housand served as a trainer at the 2003 South Atlantic League All-Star Game and at the 1999 World Games Special Olympics in Durham, NC.



Prior to his association with the Pirates, Bryan worked for four years (1996-1999) as the athletic trainer at John T. Hoggard High School in Wilmington and as a trainer at the Cape Fear Hospital Rehab Center.

The 43-year-old Housand earned a degree in Physical Education with a specialization of Sports Medicine from the University of North Carolina (Chapel Hill). He and his wife Amanda resides in Charlotte, NC, with their daughter Brinkley (10).

BEN POTENZIANO

Ben Potenziano was named the Major League Assistant Athletic Trainer on October 24, 2011. He is in his seventh season with the Pirates

Prior to joining the Pirates, Potenziano spent eight seasons at the Major League level with the San Francisco Giants, the last seven as the club's Strength and Conditioning coach.

Potenziano represented the Pirates as part of the National League athletic training staff at the 2014 All-Star Game in Minnesota.

A member of the Professional Baseball Athletic Trainers Society and National Strength and Conditioning Association, Potenziano spent five seasons in San Francisco's minor league system as the head athletic trainer with short-

ASSISTANT ATHLETIC

season Bellingham (1995), Class-A San Jose (1996) and Double-A Shreveport (1997-98), garnering Texas League Trainer-of-the-Year accolades in 1997. He also worked with the Giants affiliate

in the Arizona Rookie League as a rehab coordinator in 2003.

The 53-year-old Potenziano is a 1992 graduate of the University of Maine at Farmington and earned his Masters of Education from the University of Maine at Orono, where he also spent three years (1999-2002) as an assistant athletic

Potenziano has two children; daughter Olivia (19) and son Benjamin (17).

PHYSICAL

FITZGERALD

THERAPIST

Kevin (Otis) Fitzgerald is in his third year as the Pirates Physical Therapist. He joined the organization on 1/5/16.

A native of Pittsburgh, Fitzgerald is a 1988 graduate of Central Catholic High School. He also graduated from Penn State University in 1993 with a BS degree in Kinesiology/ Athletic Training.

Fitzgerald spent three years (1993-1995) in Port St. Lucie, FL, with the Joyner Sportsmedicine Institute, where he worked closely with the New York Mets.

He also worked as the Athletic Training Outreach Coordinator in Altoona, PA, from 1995-1997 and spent four years (1997-2000) as the Clinical Athletic Trainer with Kentucky Sportsmedicine in Lexington.

Otis received a Master's degree in Physical Therapy from the University of Kentucky in 2000 before working as the Director of Physical Therapy for University Ortho in State College, PA until 2002.

From 2002 to 2004, Fitzgerald worked as the Center Manager for Drayer Physical Therapy in Roaring Spring/ Altoona, PA, prior to serving as the Regional Vice President for Pittsburgh/Central PA, West Virginia and Georgia from 2005 to 2015

Fitzgerald currently resides in Shadyside, PA, with his wife Amy and two children: Maren Shea (7) and Josh Gibson (5).

JIM MALONE

Jim Malone was hired as the Pirates Strength Coach in January. He most recently served Campbell University as Assistant Athletic Director for Physical Development/ Strength and Conditioning after spending a year-and-a-half as the Athletic Development Coordinator for the St. Louis Cardinals minor league affiliates and Latin American

Malone began his baseball career with the Indians as the strength coach for Single-A Watertown in 1997. He worked in the same capacity with Triple-A Buffalo for two years before serving as the minor league strength and conditioning coach for the Royals (2000-2001) and the Head Strength and Conditioning Coach for the New York Mets in 2002.

Jim returned to the Cleveland organization in 2004 and was their minor league strength and conditioning coordinator for two years before spending seven seasons (2006-2012) as the Head Strength and Conditioning Coach for the Padres.

A native of Buffalo, NY, Malone graduated from the University of Rochester where he was a NCSA All-American

defensive tackle and placed fifth in the 1989 Collegiate National Power Lifting Championships in the 242-pound weight class, earning All-American honors.



Malone began his coaching career as a football and strength coach as his alma mater, followed by stints at Princeton University, Albright College and Columbia University, where he also served as the head strength and conditioning coach.

Malone is a certified and registered Strength and Conditioning Specialist (CSCS), a member of the National Strength and Conditining Association and a certified Club Coach through USA Weightlifting. In addition, he was appointed by the Commissioner's Office to serve on the MLB Strength and Conditioning Advisory Committee, the Medical Advisory Committee and MLB's Electronic Medical Records Advisory Committee.

Tracev

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The 51-year-old Malone resides in New York with his wife



OPS

EBALL

MEDICAL GLOSSARY

AC JOINT - Acromioclavicular joint; joint of the shoulder where acromion process of the scapula and the distal end of the clavicle meet; most shoulder separations occur at this point.

ANTERIOR CRUCIATE LIGAMENT (ACL) - A primary stabilizing ligament within the center of the knee joint that prevents hyperextension and excessive rotation of the joint. A complete tear of the ACL necessitating reconstruction could require up to 12 months of rehabilitation.

ANTERIOR TALOFIBULAR LIGAMENT - A ligament of the ankle that connects the fibula to the talus. This ligament is oft times subject to sprain.

ANTI-INFLAMMATORY - Any agent which prevents inflammation, such as aspirin or ibuprofen.

ARTHROSCOPE - An instrument used to visualize the interior of a joint cavity.

BENNETT'S FRACTURE - A fracture and dislocation of the base of the first metacarpal, the thumb.

BURSA - A fluid-filled sac that is located in areas where friction is likely to occur, then minimizes the friction, for example between a tendon and bone.

CAT SCAN - Use of a computer to produce a cross sectional view of the anatomical part being investigated from x-ray data.

CHARLEY HORSE - A contusion or bruise to any muscle resulting in intramuscular bleeding. No other injury should be called a charley horse.

CLAVICLE - The collarbone.

CONCUSSION - Jarring inury of the brain resulting in dysfunction. It can be graded as mild, moderate or severe depending on loss of consciousness, amnesia and loss of equilibrium.

CONTUSION - An injury to a muscle and tissues caused by a blow from a blunt object.

DEBRIDEMENT - Removal of non-healthy tissues and foreign material from a wound or burn to prevent infection and permit healing.

DELTOID MUSCLE - Muscles at the top of the arm, just below the shoulder, responsible for shoulder movements to the front, side and back.

FEMUR - Thigh bone; longest bone in the body.

FIBULA - Smaller of the two bones in the lower leg; runs from knee to the ankle along the outside of the lower leg.

HEAT CRAMPS - Painful muscle spasms of the arms or legs caused by excessive body heat and depletion of fluids and electrolytes.

HEAT EXHAUSTION - Mild form of shock due to dehydration because of excessive sweating when exposed to heat and humidity.

HUMERUS - Bone of the upper arm that runs from the shoulder to the elbow.

LABRUM (Labrum Glenoide) - The cartilage of the glenoid cavity in the shoulder. A lipedge or lip-like structure.

LATERAL COLLETERAL LIGAMENT (LCL) - Ligament of the knee along the lateral aspect that connects the femur to the fibula. It provides lateral stability to the joint.

LIGAMENT - Band of fibrous tissue that connects bone to bone to cartilage and supports and strengthens joints.

MENISCUS - Crescent shaped cartilage, usually pertaining to the knee joint; also known as "cartilage." There are two menisci in the knee, medical and lateral. These work to absorb weight within the knee and provide stability.

METACARPALS - Five long bones of the hand, running from the wrist to the fingers.

METATARSALS - Five long bones of the foot, running from the ankle to the toes.

MRA - A magnetic resonance angiogram (MRA) is a type of magnetic resonance imaging (MRI) scan that uses a magnetic field and pulses of radio wave energy to provide pictures of blood vessels inside the body.

MRI - Magnetic resonance imaging is a test that uses a magnetic field and pulses of radio wave energy to make pictures of organs and structures inside the body.

PATELLA - The kneecap. The patella functions to protect the distal end of the femur as well as increase the mechanical advantage and force generating capacities of the quadriceps muscle group.

PATELLA TENDINITIS - Inflammation of the patellar ligament; also known as "jumper's knee."

PBATS - Professional Baseball Athletic Trainers Society, the governing body of athletic trainers in professional baseball.

PERONEAL MUSCLES - Group of muscles of the lateral lower leg that are responsible for everting the ankle. Tendons of these muscles are vital to the stability of the ankle and foot.

PHALANX - Any bone of the fingers or toes; plural is phalanges.

PLANTAR FASCIA - The tight band of muscle beneath the arch of the foot.

POSTERIOR CRUCIATE LIGAMENT (PCL) - A primary stabilizing ligament of the knee that provides significant stability and prevents displacement of the tibia backward within the knee joint. A complete tear of the ACL necessitating reconstruction could require up to 12 months of rehabilitation.

QUADRICEP MUSCLES ("QUADS") - A group of four muscles on the front thigh that run from the hip and form a common tendon at the patella; they are responsible for knee extension.

ROTATOR CUFF - Comprised of four muscles in the shoulder area that can be irritated by overuse. The muscles are the supraspinatus (most commonly injured), infraspinatus, teres minor and subscapularis.

SCAPULA - Shoulder blade.

SCIATIC NERVE - Major nerve that carries impulses for muscular action and sensations between the lower back and thigh and lower leg; it is the longest nerve in the body.

SHIN SPLINT - A catch-all syndrome describing pain in the shin that is not a fracture or tumor and cannot be defined otherwise.

STERNUM - The breast bone.

STRESS FRACTURE - A hair-line type of break in a bone caused by overuse.

SUBLUXATION - Partial dislocation of a joint. The term usually implies that the joint can return to its normal position without formal reduction.

TALUS - The ankle bone that articulates with the tibia and fibula to form the ankle joint.

TENDINITIS - Inflammation of the tendon and/or tendon sheath, caused by chronic overuse or sudden injury.

TENDON - Tissue that connects muscle to bone.

TIBIA - Larger of the two bones of the lower leg and is the weight-bearing bone of the shin.

TRAPEZIUS - Flat, triangular muscle covering the posterior surface of the neck and shoulder.

TRICEPS - Muscle of the back of the upper arm, primarily responsible for extending the elbow.

ULNA - Forearm bone that runs from the tip of the elbow to the little finger side of the wrist.

ULNAR NERVE - Nerve in the elbow commonly irritated from excessive throwing.

ZYGOMA - The cheekbone.



ISTORY



DARIO AGRAZAL

RIGHT-HANDED PITCHER • #76

AGF: 23

BORN: 12/28/94 in Aguadulce, Panama M.L. SERVICE: None

RESIDES: Aguadulce, Panama HEIGHT/WEIGHT: 6-3/225

BATS/THROWS: R/R

OBTAINED: Signed as a non-drafted free

agent on 7/1/12

AWARDS & HONORS:

- 2017 Florida State League All-Star (mid-season).
- · 2015 New York-Penn League All-Star (mid-season).
- 2013 Dominican Summer League All-Star (mid--season).

2017 SEASON: Spent majority of season with Bradenton and was selected to the Florida State League mid-season All-Star team...Was Bradenton's Opening Day starter on 4/6 at Charlotte (4.2ip/4r/2er)...Won four of his first five decisions thru 5/23...Made his second career relief

appearance on 5/13 and retired all three batters he faced. Was promoted to Double-A on 6/20 and made lone appearance with Altoona on 6/21...Was placed on the 7-day disabled list on 6/24 and missed remainder of the season due to a right pectoral strain.

MINOR LEAGUE HIGHLIGHTS:

2016: Spent entire season with the West Virginia Power...Led South Atlantic League in innings pitched...Also paced the league in losses, hits allowed and home runs surrendered... Tied for second in the league in starts and hit by pitches... Pitched 5.0 scoreless innings and won his first start on 4/10 at Greensboro...Posted a 2.80 ERA (45.0ip/14er) in his first nine starts thru 5/25...Went 3-0 with a 1.95 ERA (32.1ip/7er) in a five-game stretch from 6/24 thru 7/14...Pitched a season-high 8.0 scoreless innings in his final start on 9/5 vs. Greenville.

2015: Was a New York-Penn League All-Star while spending entire season with the West Virginia Black Bears...Ranked third among the league leaders in ERA...Led staff in innings pitched...Was charged with two earned runs or less in 12 of his 14 starts...Went 3-0 with a 2.14 ERA (21.0ip/5er) in four starts between 7/6-22.

2014: Spent entire season with the GCL Pirates... Shared the league lead in starts and ranked fourth in innings pitched... Also led the circuit in hits allowed...Suffered loss in his first start on 6/23 before going 2-0 with a 1.29 ERA (14.0ip/2er) in his next three assignments...Did not allow a run in backto-back starts (10.0ip/3h) on 8/5 and 8/11.

2013: Was named to the Dominican Summer League midseason All-Star team in his first professional season...Did not allow a run in his first two starts (9.0ip) and in three of his first four outings (19.0ip/2er - 0.95 ERA)...Won three straight starts between 6/20 and 7/3...Finished the season the way he started it with back-to-back scoreless starts (10.0ip) on 8/12 (game two) and 8/19.

PERSONAL

PERSONAL: Dario Abdiel Agrazal...Is engaged to Karol Chambers...Lists Derek Jeter as his favorite athlete while growing up...Enjoys fishing in his spare time...Signed by Pirate scouts Rene Gayo and Jose Pineda.

LIFETIME PITCHING STATISTICS																		
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2013	DSL Pirates	6-0	2.40	13	12	0	0	0	60.0	57	21	16	2	3	17	32	2	0
2014	GCL Pirates	3-4	4.20	12	t 12	0	0	0	55.2	* 65	30	26	3	1	5	34	0	0
2015	Morgantown	6-5	2.72	14	14	0	0	0	76.0	71	27	23	3	9	11	45	3	0
2016	West Virginia	8-12 *	4.20	27	27	0	0	0	150.0	* 173	80	79	* 18	14	18	88	6	0
2017	Bradenton	5-3	2.91	14	13	0	0	0	80.1	73	34	26	4	3	10	63	1	0
	Altoona	0-1	4.50	1	1	0	0	0	4.0	3	2	2	0	0	2	2	0	0
Minor	League Totals	28-25	3.44	81	79	0	0	0	426.0	442	194	163	30	30	63	264	12	0

(*)Led League

(t)Tied for League Lead

Signed by Pittsburgh as a non-drafted free agent on 7/1/12.

JOSH BELL

INFIELDER • #55

AGE: 25 (turns 26 on August 14) BORN: 8/14/92 in Irving, TX

RESIDES: Irving, TX HEIGHT/WEIGHT: 6-4/235

@JBell 19

M.L. SERVICE: 1 year, 53 days

BATS/THROWS: S/R

OBTAINED: Pittsburgh's 2nd round selection

in 2011 First-Year Player Draft



AWARDS & HONORS:

- Pittsburgh's Minor League Player-of-the-Year in 2016.
- Participated in 2015 All-Star Futures Game in Cincinnati.
- Pittsburgh's Minor League Player-of-the-Year in 2014.
- 2014 Florida State League Player-of-the-Year.
- 2016 International League All-Star (mid-season & post-season). 2014 Florida State League All-Star (mid-season & post-season).
 - Participated in 2014 All-Star Futures Game in Minnesota.
 - 2013 South Atlantic League All-Star (mid-season & post-season).

LAST SEASON:

2017 SEASON: Set National League record for most home runs by a switch-hitting rookie and fell one shy of the Major League mark held by Eddie Murray (1977) and Tony Clark (1996)...Led N.L. rookies in hits and walks and tied for first in doubles... Ranked second among N.L. rookies in RBI, runs, triples, total bases (256) and extra-base hits (58)...Tied for second in home runs...Hit .301 (44-for-146) and produced 69 RBI while batting with runners in scoring position; the average and RBI total led all National League rookies...Tied for fourth among all N.L. players in games played...Tied club record for most home runs by a rookie (also Jason Bay in 2004)...Became one of only eight rookies in team history to collect 90 RBI; his 90 RBI were the most by a Pittsburgh rookie since Maurice Van Robays' record 116 in 1940... Became just the second switch-hitter in team history to hit at least 25 home runs in one season, joining Bobby Bonilla, who hit 32 in 1990...His 159 games played were the second-most among all Pittsburgh rookies behind Johnny Ray's 162 in 1982...His 16 home runs and 35 extra-base hits prior to the All-Star break were the most ever by a Pirates rookie (since first All-Star Game was played in 1933)...Ranked fifth among N.L. first basemen with 147 games played at that position; ranked sixth in total chances (1235) and tied for third in double plays (116)...Hit .259 (109-for-421) with 18 home runs and 69 RBI while batting left-handed and .242 (31-for-128) with eight home runs and 21 RBI while batting right-handed...Was the Opening Day starter at first base...

Homered in back-to-back games on 4/19 at St. Louis and 4/21 vs. New York (AL)...Connected off LHP CC Sabathia for a home run on 4/21 - his first career extra-base hit off a lefthander...Hit his second homer batting right-handed on 4/26 vs. Chicago - off Jon Lester...Recorded his first big league stolen base on 4/30 at Miami...Bounced a home run into the Allegheny River on 5/5 vs. Milwaukee...Collected an extra base hit in seven straight games between 5/12-19; the longest streak by a Pirates player since Josh Harrison also recorded an extra base hit in seven straight games from July 27 to August 2, 2014 and the longest by a Pittsburgh rookie since Neil Walker did so in seven straight from August 25 to September 1, 2010...Homered four times in a six-game span between 5/12-18...Began the month of June by homering in back-to-back games on 6/2-3 at New York (NL)...Collected his first Major League triple on 6/10 vs. Miami...Homered and tripled on 6/16 vs. Chicago. Connected off St. Louis' Seung Hwan Oh. for first career walkoff home run on 7/14; a three-run blast that broke a 2-2 tie in the ninth inning...Had a career-high four hits and tied career high (third time) with four RBI on 7/21 at Colorado... Produced his second career pinch-hit home run on 7/30 at San Diego...Had another four-hit game on 8/25 at Cincinnati...Hit .323 (30-for-93) with 21 RBI in 28 games during the month of August... Tied career high with four RBI on 9/4 vs. Chicago (NL)...Finished third in the BBWAA voting for National League Rookie-of-the-Year behind Cody Bellinger and Paul DeJong.

CAREER HIGHLIGHTS:

2016: Entered season ranked by Baseball America and MLB.com as Pittsburgh's third-best prospect...Also ranked by MI B.com as the second-best first base prospect behind Houston's A.J. Reed...Spent majority of campaign with Triple-A Indianapolis... Was named Pittsburgh's Minor League Player-of-the-Year...Was selected to the International League's mid- and post-season All-Star teams...Captured MLBPipeline.com's Player-of-the-Year award for the Pirates...Ranked fourth among International League leaders in OBP (.382) and was 10th in batting (.295)...Hit a grand slam while hitting for the cycle on 4/22 at Louisville...Was



Faith Night at PNC Park.

named the league's Player-of-the-Week for the week of 4/18-24...Batted .364 with nine doubles, seven homers and 26 RBI in 30 games during the month of June... Led all International League players with 77 total bases in June...Was leading the league in hits (101), extra-base hits (36), total bases (167) and OPS (.942) when he was recalled by Pittsburgh on 7/8...Made Major League debut as a pinch hitter on 7/8 vs. Chicago and singled off Jake Arrieta on the first pitch he saw Connected off Chicago's Adam Warren for a pinch-hit grand slam in his second at bat on 7/9...Received walks in his next two big league plate appearances before being optioned back to Indianapolis on 7/16...Hit .211 (23-for-109) with a homer and seven RBI in 31 Triple-A games between 7/17 and 8/19...Hit .330 with 10 home runs vs. RHP and .310 with three homers vs. LHP while playing with Indianapolis...Was recalled a second time by the Pirates on 8/20...Made his first Major League start (first base) on 8/21 and went 1-for-3 with an RBI...Reached base safely in 13 of his first 14 big league games, going 11-for-27 (.407) with nine walks and a .541 OBP thru 8/29...Produced a .315 (17-for-54) average while batting with runners on base...Served as the leadoff batter for the first time in his career on 9/30 at St. Louis and went hitless in four at bats...Made 19 starts at first base and 14 in right field while playing with the Pirates; committed three errors (all fielding) while playing first base and had one fielding error while playing right field.

BASEBALL

MINOR LEAGUE HIGHLIGHTS:

Began season ranked by Baseball America as the organization's fourth-best prospect and the 64th-best prospect in baseball...Was also recognized as the "Best Hitter For Average" in the Pirates system...Was tabbed by MLB.com as the best first base prospect in minor league baseball...Batted .317 (155-for-489) with 24 doubles, nine triples, seven home runs, 78 RBI and an .838 OPS in a career-high 131 minor league games with Double-A Altoona (96 games) and Indianapolis (35 games)...Set career highs in games, hits, triples and RRI. Was named to the Eastern League mid-season All-Star team...Also represented the Pirates at the MLB Futures Game in Cincinnati on 7/12; was the starting first baseman and went 1-for-2 with a home run...Ranked third among Pittsburgh farmhands in batting and second in RBI...Spent his first season playing exclusively as a first baseman; made 84 starts there with Altoona and 31 with Indianapolis...Began season with Altoona and won Player-of-the-Week honors for the week of 4/27-5/3 after hitting .615 (16-for-26) with three triples, 11 RBI and a 1.574 OPS in six games...Was ranked fifth in the Eastern League in batting when he was promoted to Indianapolis on 7/31...Made Triple-A debut on 8/1 and delivered the walkoff single in the 13th inning of Indy's 6-5 victory over Charlotte...His .394 average from 8/5 thru the end of the regular season was the second-highest in the International League...Hit .379 (11-for-29) with a homer, seven RBI and a .974 OPS in eight postseason games...Capped a threerun rally with a walkoff single in the ninth inning in Game Four of the Governor's Cup Championship vs. Columbus on 9/18.

2014: Was named Pittsburgh's Minor League Player-of-the-Year after batting .325 (138-for-425) with 22 doubles, nine home runs, 60 RBI and an .834 OPS in 108 games with High-A Bradenton (84 games) and Altoona (24 games)...Was named the MVP of the Florida State League and was also named to the league's mid- and post-season All-Star teams...Represented the Pirates at the All-Star Futures Game in Minnesota (went 0-for-1 off the bench)...Ranked first among Florida State League leaders in batting average and slugging percentage; joined Ramon Cabrera (2011) as the only Marauders players to win the FSL batting title... Led all Pirates farmhands in batting...Went 5-for-5 on 6/5 at Brevard County...Homered in three straight games from 6/10-12 and captured Hitter-of-the-Week honors for the week of 6/9-

16...Batted .472 during a 14-game hitting streak from 6/10-28.... Hit .383 with 19 RBI and a 1.060 OPS in June...Hit .382 following the Florida State League All-Star Game to earn his promotion to Altoona on 7/17...Made 62 starts in right field and hit .402 in 22 games as the designated hitter while playing with Bradenton... Made his Double-A debut on 7/17 vs. Bowie...Hit safely in 14 of his final 15 games, going 22-for-62 (.355) in that time...Was placed on the disabled list with a left knee contusion on 8/13 and missed remainder of the regular season...Made all 81 defensive appearances with the two teams in right field...Played for the Scottsdale Scorpions in the Arizona Fall League and was named to the "Rising Stars" team...Was the club's primary first baseman, marking the first time in his career he played a position other than right field.

2013: Was ranked by Baseball America as Pittsburgh's sixthbest prospect prior to the season...Also tabbed by the same
publication as the "Best Power Hitter" in the farm system...
Spent his first full professional season with West Virginia and
was named to the South Atlantic League's mid- and postseason All-Star teams...Did not participate in the mid-season
All-Star Game...Led the Power in RBI and tied for third in the
SAL in doubles...Made all 84 defensive appearances in right field...
Established career highs in runs scored and doubles...Went 4-for12 (.333) with two doubles and four RBI in the Northern Division
Championship Series against Hagerstown.

2012: Was limited to 15 games with West Virginia after injuring his left knee while rounding first base on 4/24 vs. Savannah (partial tear of his meniscus)...Connected off Geoff Parker for first professional home run on 4/11 at Asheville.

MISC: Switch-hitter has hit .264 with 21 homers while batting lefthanded in his big league career and .238 with eight home runs from the right side of the plate...His first Major League homer run was a pinch-hit grand slam on 7/9/16; the last Pittsburgh player whose first big league homer was a grand slam was pitcher Enrique Romo, who connected off New York's Roy Lee Jackson on 10/1/80.

PERSONAL:

PERSONAL: Joshua Evan Bell...Is a 2011 graduate of Jesuit College Preparatory School in Dallas, TX, where he hit. 556 with 14 home runs, 55 RBI and 57 runs scored as a senior...PGA Tour golfer Jordan Spieth is also a 2011 graduate of the same prep school...Was also named the Gatorade Texas Player-of-the-Year, Baseball America All-American, USA Today All USA First-Team selection, Louisville Slugger All American, Rawlings All American First Team, District 9-5A MVP, Dallas News Player-of-the-Year, Texas 5A All-State First Team and one of the top 10 High School players by Sports Illustrated as a senior...Hit .412 with 11 home

runs, 36 RBI, 36 runs scored, an .897 slugging percentage and .528 on-base percentage as a junior...Was named a District 8-5A MVP, Texas Sports Writers Class 5A All-State First-Team, Dallas Morning News All-Area First-Team and an All-District 8-5A First-Team selection as a junior...Earned varsity letters in baseball from 2008-2011...Received a \$5 million signing bonus, a record for a player outside of the first round, to bypass his college baseball scholarship to the University of Texas at Austin...Signed by Pirates scout Mike Leuzinger.

LIF	ETIME BA	TTIN	IG S	TATI	STIC	S														
YEAR	CLUB	AVG	G	АВ	R	н	2B	3B	HR	RBI	SH	SF	НР	ВВ	so	SB	cs	ОВР	SLG	E
2012	West Virginia	.274	15	62	6	17	5	0	1	11	0	2	0	2	21	1	0	.288	.403	2
2013	West Virginia	.279	119	459	75	128	37	2	13	76	0	5	3	52	90	1	2	.353	.453	3
2014	Bradenton	*.335	84	331	45	111	20	4	9	53	4	1	2	25	43	5	4	.384	*.502	1
	Altoona	.287	24	94	13	27	2	0	0	7	0	0	0	8	12	4	1	.343	.309	2
2015	Altoona	.307	96	368	47	113	17	6	5	60	3	9	2	44	50	7	4	.376	.427	13
	Indianapolis	.347	35	121	20	42	7	3	2	18	0	2	1	21	15	2	0	.441	.504	3
2016	Indianapolis	.295	114	421	57	124	23	4	14	60	0	2	4	57	74	3	7	.382	.468	15
	Pittsburgh	.273	45	128	18	35	8	0	3	19	0	3	0	21	19	0	1	.368	.406	4
2017	Pittsburgh	.255	159	549	75	140	26	6	26	90	0	4	1	66	117	2	4	.334	.466	10
Minor	League Totals	.303	487	1856	263	562	111	19	44	285	7	21	12	209	305	23	18	.373	.454	39
Major	League Totals	.258	204	677	93	175	34	6	29	109	0	7	1	87	136	2	5	.341	.455	14

(*)Led League

Selected by Pittsburgh in 2011 First-Year Player Draft (2nd round - 61st pick overall).

MAJOR LEAGUE DEBUT

July 8, 2016 vs. Chicago (NL)

FIRST MAJOR LEAGUE HIT DATE PITCHER

HISTORY

FIRST MAJOR LEAGUE HR

r**E**

July 9, 2016 vs. Chicago (NL) Adam Warren

PITCHER

WALKOFF HOMERS (1)

DATE PITCHER

July 14, 2017 vs. St. Louis Seung Hwan Oh

WALKOFFS (1)

DATE ACTION (INN.)

July 14, 2017 vs. St. Louis......Home Run (9th)

GRAND SLAMS (1)

DATE PITCHER

July 9, 2016 vs. Chicago (NL)Adam Warren

PINCH HIT HOMERS (2

DATE PITCHER

July 9, 2016 vs. Chicago (NL)Adam Warren July 30, 2017 at San Diego......Jose Torres

LIFETIME FIELDING STATISTICS

FIRST BASE	PCT	G	GS	РО	A	E	тс	DP	TP	
2016	.983	23	19	157	14	3	174	11	0	
2017	.992	147	139	1139	86	10	1235	116	0	
CAREER	.991	170	158	1296	100	13	1409	127	0	

LIFETIME FIELDING STATISTICS

RIGHT FIEL	D PCT	G	GS	РО	A	E	тс	DP	TP
2016	.944	16	14	17	0	1	18	0	0
CARFER	944	16	14	17	0	1	18	0	0

BELL HIGHLIGHTS

MOST HR/GAME: 1 HR (29 times), last on 9/28/17 at Washington.

 $\textbf{MOST HITS/GAME:} \ 4 \ \text{hits (twice)}, \ 8/25/17 \ \text{at Cincinnati} \ \& \ 7/21/17 \ \text{at Colorado}.$

MOST RBI/GAME: 4 RBI (5 times), last on 9/4/17 vs. Chicago (NL).
MOST RUNS/GAME: 2 runs (15 times), last on 10/1/17 at Washington.

LONGEST HITTING STREAK: 2017: 7 games, 3 times Career: 7 games (3 times in 2017).



CHRISTOPHER BOSTICK

OUTFIELDER/INFIELDER • #44

AGE: 25

BORN: 3/24/93 in Rochester, NY

RESIDES: Charles Town, WV HEIGHT/WEIGHT: 5-10/200

BATS/THROWS: R/R M.L. SERVICE: 34 days

OBTAINED: From Washington, 9/26/16, in deal for catcher Taylor Gushue and cash

@leanonmeCB

AWARDS & HONORS:

• 2017 International League All-Star (mid-season).

• 2012 New York-Penn League All-Star.

LAST SEASON:

2017 SEASON: Spent majority of season with Triple-A Indianapolis, where was named to the International League mid-season All-Star team as an outfielder...Ranked second among the league leaders in hits, third in doubles and fourth in batting average...Led Indianapolis in average, doubles, runs and multi-hit games (44) while being selected as the team MVP...Made 38 appearances in left field, 34 in right field, 33 at second base, 13 in center field and six at third base while playing with Indy...Tripled in each of his first two games...Had a 15-game hitting streak from 4/15-5/3, going 24-for-64 (.375) with six doubles, two homers, nine RBI and eight multi-hit efforts; had five straight multi-hit games between 4/27 and 5/2...Had the eighth-highest batting average in the International League (.320) when he was recalled by the Pirates on 5/8...Made Major League debut as a defensive replacement in left field on 5/8 at Los Angeles and played final five innings; went 0-for-2 at the plate...Made first big league start in left field on 5/9 at Los Angeles and went O-for-1 with a walk...Also grounded out as a pinch hitter on 5/10 at Los Angeles...Was optioned back to Triple-A on 5/12...Went 4-for-5 with two doubles on 5/13 vs. Norfolk...Hit safely in each of his first eight games with Indv after returning to the club and posted seven straight multi-hit efforts between 5/13-18 (17-for-32, .531)...Was recalled on 9/3 after Josh Harrison suffered a broken hand on 9/2...Hit .348 (8-for-23) and scored six runs in 17 games with the Pirates in September...Doubled off Chicago's Felix Pena on 9/7 for first Major League hit...Collected first big league RBI on 9/28 at Washington...Made three starts at second base for the Bucs in September/October and went 5-for-12 with five runs scored in those three games as the leadoff batter

MINOR LEAGUE HIGHLIGHTS:

2016: Split season between Harrisburg (Nationals' AA) and Syracuse (Nationals' AAA) and batted .250 (121-for-484) with 22 doubles, eight home runs and 51 RBI in 135 total games...Also had a career-high 10 triples...Began season at the Double-A level, where he made 62 starts at second base and six appearances (five starts) in left field...Batted .324 (36-for-111) with 13 multi-hit efforts in 29 games during the month of May...Homered in back-to-back games on 6/7-8...Was leading the Eastern League with eight triples when he was promoted to Triple-A on 6/26...Homered in his second game with Syracuse on 6/28 vs. Scranton/WB... Hit his second and final home run with the Chiefs on 7/6 at Durham...Made 47 appearances (46 starts) at second base, 13 starts at third base and two starts in left field while playing with Syracuse.

2015: Split his first season in the Washington organization between High-A Potomac and Harrisburg...Combined to hit .258 (137-for-530) with 22 doubles, eight triples, 12 home runs and 58 RBI in a career-high 137 games with the two clubs...Also led Nationals minor league players with a career-high 31 stolen bases and ranked fourth in home runs... Made 95 appearances (94 starts) at second base and six appearances (five starts) at shortstop between the two clubs...Also made 20 starts in left field with Harrisburg and two appearances (one start) in center field...Began season with Potomac...Hit .400 (22-for-55) during a 13-game hitting streak between 5/27 and 6/9 and produced a .319 average (44-for-138) in his final 36 games with Potomac... Was promoted to Harrisburg on 6/15...Made his lone start in center field on 6/20 at Altoona...Participated in the Arizona Fall League and hit .268 (19-for-71) with four home runs in 20 games with the Salt River Rafters...Hit two home run in his second game on 10/15 at Peoria.

2014: Spent entire season with Myrtle Beach (Rangers' High-A)...Ranked second among Carolina League leaders in runs, fifth in doubles, fifth in triples and sixth in hits...Made

all 122 defensive appearances at second base...Hit safely in 21 of his 27 games during the month of July and batted .330 (35-for-106) overall; finished month with four hits on 7/30 at Potomac.



Christopher wraps present with a young fan during

2013: Entered season ranked by Baseball America as Oakland's 20th-best prospect...Spent entire campaign playing with Low-A Beloit...Ranked third in the league in RBI...Was named an organizational All-Star by MiLB.com... Set minor league career highs in home runs and RBI...Led team in triples and stolen bases...Made all 125 defensive appearances at second base...Was named Midwest League Player-of-the-Week for the week of 6/10-16 after hitting .458 (11-for-24) with four homers and 14 RBI in seven games... Homered twice on 6/15 vs. Clinton...Hit .391 (36-for-92) with six homers and 25 RBI in 25 games during the month of June...Was traded to Texas on 12/3.

2012: Was selected to the New York-Penn League All-Star team while spending entire season with Vermont...Made 53 starts at second base and 10 at shortstop...Also made two appearances (one start) in right field.

2011: Played in 14 games with the Arizona League Athletics after being selected by Oakland in the 44th round of the First-Year Player Draft...Reached base safely in all 14 games; hit safely in each of his first 13 before going hitless in one at bat in his final game on 8/27 (was also hit by a pitch in the contest)...Made eight appearances (seven starts) at shortstop and five appearances (four starts) at second base.

MINOR LEAGUE HIGHLIGHTS (CONTINUED):

MISC: Reached base safely in each of his first 28 professional games in 2011-2012...Has made 542 appearances (533 starts) at second base, 66 appearances (62 starts) in left field, 36 appearances (33 starts) in right field, 24 appearances (22 starts) at shortstop, 19 starts at third base and 15 appearances (14 starts) in center field during his minor league career.

PERSONAL: Christopher Michael Bostick...Wife's name is Lora (married this past January 14)...Is a 2011 graduate of the Aquinas Institute in Rochester, NY, where he hit .510 as a senior... Was also a wide receiver on the Aquinas football team, helping lead the Little Irish to a 2010 state title...Signed a letter of intent to play

baseball at St. John's University...Played for the Webster Yankees in the New York Collegiate League prior to signing with Oakland and hit .413 (57-for-138) in 36 games...Was the Triple-A recipient of the Pirates Community Commitment Award in 2017.

LIF	LIFETIME BATTING STATISTICS																			
YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	НР	ВВ	so	SB	cs	ОВР	SLG	E
2011	Ari. Athletics	.442	14	52	13	23	6	1	1	5	1	0	1	3	12	4	0	.482	.654	3
2012	Vermont	.251	70	279	41	70	16	4	3	29	5	1	4	27	66	12	5	.325	.369	18
2013	Beloit (1)	.282	129	489	75	138	25	8	14	89	4	5	6	51	122	25	8	.354	.452	22
2014	Myrtle Beach (2	.251	130	495	81	124	31	8	11	62	3	4	7	47	116	24	11	.322	.412	19
2015	Potomac	.274	62	234	23	64	10	3	4	18	2	2	7	19	44	15	3	.344	.393	7
	Harrisburg	.247	75	296	34	73	12	5	8	40	2	2	5	12	56	16	5	.286	.402	8
2016	Harrisburg	.290	71	262	34	76	11	8	6	33	2	4	4	25	58	8	8	.356	.462	10
	Syracuse (3)	.203	64	222	27	45	11	2	2	18	1	1	2	16	67	3	2	.261	.297	10
2017	Indianapolis	.294	126	486	75	143	33	3	7	57	7	3	8	45	97	8	9	.362	.418	6
	Pittsburgh	.296	20	27	6	8	2	0	0	1	0	0	1	4	9	0	1	.406	.370	0
Minor	League Totals	.269	741	2815	403	756	155	42	56	351	27	22	44	245	638	115	51	.334	.413	103
Major	League Totals	.296	20	27	6	8	2	0	0	1	0	0	1	4	9	0	1	.406	.370	0

Selected by Oakland in 2011 First-Year Player Draft (44th round).

(1)Acquired by Texas from Oakland, 12/3/13, along with outfielder Michael Choice, in deal for outfielder Craig Gentry and pitcher Josh Lindblom.

(2)Acquired by Washington from Texas, 12/11/14, along with pitcher Abel De Los Santos, in deal for pitcher Ross Detwiler. (3)Acquired by Pittsburgh from Washington, 9/26/16, in deal for catcher Taylor Gushue and cash considerations.

MAJOR LEAGUE DEBUT

May 8, 2017 at Los Angeles (NL)

FIRST MAJOR LEAGUE HIT

PITCHER

Sept. 7, 2017 vs. Chicago (NL)..... Felix Pena - 2B

LIFETIME FIELDING STATISTICS

SECOND BA	SE PCT	G	GS	PO	A	E	TC	DP	TP
2017	1.000	3	3	8	7	0	15	0	0
CAREER	1.000	3	3	8	7	0	15	0	0

LIFETIME FIELDING STATISTICS

LEFT FIELD	PCT	G	GS	РО	Α	E	TC	DP	TP	
2017	1.000	3	1	4	0	0	4	0	0	
CAREER	1.000	3	1	4	0	0	4	0	0	

BOSTICK HIGHLIGHTS

MOST HR/GAME: No Major League Home Runs.

MOST HITS/GAME: 2 hits (twice), 10/1/17 at Washington & 9/24/17 vs. St. Louis.

MOST RBI/GAME: 1 RBI, 9/28/17 at Washington.

MOST RUNS/GAME: 2 runs (twice), 10/1/17 at Washington & 9/24/17 vs. St. Louis.

LONGEST HITTING STREAK: 2017: 2 games Career: 2 games (2017).

ENERAL



STEVEN BRAULT

LEFT-HANDED PITCHER • #43

AGE: 25 (turns 26 on April 29) BORN: 4/29/92 in La Mesa, CA RESIDES: El Cajon, CA

HEIGHT/WEIGHT: 6-0/200

SquidBrault

BATS/THROWS: L/L M.L. SERVICE: 85 days

OBTAINED: From Baltimore, 2/20/15, as the player to be named from 1/27/15 deal in which Pirates received pitcher Stephen Tarpley in exchange for outfielder Travis

Snider

AWARDS & HONORS:

- 2017 International League All-Star (mid-season & post-season).
- 2017 International League Most Valuable Pitcher.
- Pittsburgh's Minor League Pitcher-of-the-Year in 2017.

LAST SEASON:

2017 SEASON: Was named Pittsburgh's Minor League Pitcher-of-the-Year...Was selected to the International League mid-season All-Star team and was named the League's Most Valuable Pitcher and starting pitcher on the postseason All-Star squad...Led International League in ERA (1.94) and held opponents to a .199 batting average; the second-lowest mark in the league...Also ranked third with a 1.07 WHIP...Lost his first three Triple-A decisions before winning first game on 5/11 vs. Norfolk...Was named the International League Pitcher-of-the-Week for the week of 5/15-21 after posting a 0.69 ERA (13.0ip/1er) and limiting opponents to a .114 average (5-for-44) in two starts...Posted a 1.26 ERA (28.2ip/4er) in five starts during the month of May...Made his only relief appearance with Indianapolis on 6/11 vs. Columbus and tossed a scoreless inning (18 pitches)...Gave up a total of 10 runs over a 10-start stretch between 5/6 and 7/4 (65.2ip - 1.37 ERA)...Was recalled by Pittsburgh on 7/22...Gave up two runs in 1.0 inning of relief on 7/22 at Colorado and pitched 3.0 scoreless frames on 7/25 at San Francisco; also went 1-for-2 at the plate on 7/25...Was optioned back to Indianapolis on 7/26...Was named International League Pitcher-of-the-Week a second time on 8/14 after going 2-0 with a 0.00 ERA (14.0ip) in two starts during the week of 8/7-13; pitched 7.0 scoreless innings on 8/7 vs. Buffalo and 7.0 scoreless frames in his final Triple-A start on 8/12 vs. Syracuse...Was recalled a second time by Pittsburgh on 8/18 and threw 64 pitches in 4.0 innings of work that night vs. St. Louis... Was optioned back to Indv on 8/19...Was recalled three days later on 8/22 when George Kontos went on the disabled list...Gave up one run in 2.2 innings of work on 8/24 vs. Los Angeles: went O-for-1 at the plate...Gave up a total of seven runs (four earned) in back-to-back outings at Wrigley Field on 8/28 and 8/30...Made his first start with the Pirates on 9/5 and received a no-decision against the Cubs (5.0ip/3er)... Allowed just one hit while tossing 6.0 scoreless innings and winning his first Major League game on 9/11 at Milwaukee... Collected his first big league RBI while going 2-for-3 with a double and two RBI at the plate on 9/11 - the first Bucco LHP with two hits and two RBI since Paul Maholm on 9/12/08...Pitched 3.0 scoreless innings and picked up his first professional save on 9/26 vs. Baltimore...Started the final game of the season (2.0ip/4er) and received a nodecision in Pittsburgh's 11-8 win on 10/1 at Washington... Went 1-0 with a 4.50 ERA (18.0ip/9er) in his four starts with Pittsburgh (the Pirates went 4-0)...Went 3-for-13 (,231) with a double and two RBI as a batter.

CAREER HIGHLIGHTS:

2016: Began season with Indianapolis and won his first Triple-A decision in third start on 4/22 at Louisville... Went back-to-back starts without being charged with an earned run on 4/22 (5.0ip) and 4/27 (6.0)...Posted a 1.83 ERA (19.2ip/4er) in four starts during the month of April... Strained his left hamstring while running to first base on 5/8 and was placed on the disabled list...Made one rehab start with Short-Season West Virginia on 6/20...Was reinstated from the D.L. at Indy on 6/25...Pitched 5.0 scoreless innings in an 11-1 win at Toledo...Did not allow an extra-base hit to a left-handed hitter during his first nine minor league starts thru 6/30...Was selected by Pittsburgh on 7/5 and made his Major League debut that night in St. Louis; received a nodecision in Pittsburgh's 5-2 win (4.0ip/4h/2r/1er/2bb/5so)... Singled off Mike Leake in his first big league plate appearance...Was optioned back to Triple-A on 7/6...Made lone relief appearance with Indy (52 pitches) on 7/10 at Columbus (3.1ip/3h/2r/2er/1bb/6so)...Pitched 6.0 hitless innings, but received a no-decision on 7/16 at Louisville... Struck out a season-high nine batters and pitched 6.0 scoreless innings on 7/22 vs. Charlotte, but received another no-decision...Went 0-1 with a 1.17 ERA (15.1ip/2er) in three games with Indianapolis during the month of July...Was recalled a second time by Pittsburgh on 7/29 and made the start that night at Milwaukee; gave up three runs in 6.0ip and lost a 3-1 decision to Junior Guerra...Was optioned back to Indianapolis on 7/31...Went 0-3 with an 8.14 ERA (21.0ip/20r/19er) in five starts with Indianapolis during the month of August...Was recalled by Pittsburgh on 8/29 and opposed Jake Arrieta that night in Chicago; received a no-decision (4.0ip/5h/3r/2er/2bb/4so)...Went 0-2 with a 5.40 ERA (23.1ip/21r/14er) in six games (five starts) with the Pirates after his final recall on 8/29...Suffered losses on 9/4 vs. Milwaukee (5.0ip/ler) and 9/14 at Philadelphia (3.2ip/5r/3er)...Made lone relief appearance with Pittsburgh on 9/26 vs. Chicago (1.2ip/6h/7r/3er/3bb/3so).

2015: Went 13-4 with a 2.43 ERA (155.2ip/42er) in 28 minor league starts while splitting season between Single-A Bradenton and Double-A Altoona...Finished second among all Pirates minor leaguers in strikeouts (125) behind Tyler Glasnow (136)...Also finished tied with Angel Sanchez for the second-most wins among all Pirates farmhands behind Austin Coley (16)...Ranked fifth among Pittsburgh farmhands in ERA...Began season with Bradenton and earned first win (5.0ip/3r/1er) as a member of the Pirates organization on 5/3 at St. Lucie...Recorded a 2.03 ERA (40.0ip/9er) in final seven starts with Bradenton before being promoted to Altoona on 6/18...Allowed four runs on 10 hits in 4.1 innings while losing debut with Curve on 6/20 vs. Harrisburg (game 1)... Allowed one hit over 7.0 scoreless innings while winning first game with Altoona on 7/1 at Trenton...Recorded a careerhigh 10 strikeouts on 7/6 vs. Harrisburg...Suffered third and final loss with Altoona while surrendering only home run with the Curve on 7/12...Pitched 19.1 consecutive scoreless innings from 6/20 to 7/7...Was named the Eastern League Pitcher-of-the-Week for the week of 7/27 to 8/2 after going 2-0 with a 1.50 ERA and 15 strikeouts in two starts...Picked up first two professional hits on 7/28 vs. Richmond; went 2-for-2 with two RBI...Tossed career-high 8.0 innings while not allowing a run in final regular season start on 9/4 at Binghamton...Went 8-0 with a 0.96 ERA (65.1ip/7er) and 53 strikeouts in final 10 starts (led the Eastern League in wins in that span and had the lowest ERA in all of Double-A

baseball)...Tied a Curve single-season record for hits by a pitcher with seven (Wardell Starling also had seven in 2006)...Recorded the third-lowest single-season ERA in Curve history (minimum 75.0ip); was also the lowest ERA by a Curve starting pitcher (minimum 75.0 innings) since Shane Youman in 2006 (1.51)...Started and lost (4.2ip/6er) Game Two of the Eastern League Western Division series at Bowie on 9/11...Went 0-0 with a 4.91 ERA (14.2ip/8er) in five starts with Glendale in the Arizona Fall League.

2014: Went 11-8 with a 2.77 ERA (146.1ip/45er) in 25 total games (24 starts) between Frederick and Delmarva in the Baltimore farm system...Spent majority of season with Frederick and ranked fifth in the South Atlantic League in ERA, first in WHIP (1.04) and second in batting average against (.227)...Also allowed 10.22 runners per 9.0 innings pitched, the lowest number among all South Atlantic League starters...Tossed first career complete game (7.0ip) on 5/26 vs. Hagerstown while pitching for Delmarva...Made his first career relief appearance (6.2ip/1r) on 6/7 vs. Lakewood... Won five straight decisions between 5/7 and 6/14...Suffered six straight losses in an eight-start stretch from 6/20 to 8/4...Won his final two starts with Delmarva on 8/10 at Lakewood (7.0ip/1r) and 8/15 at Hickory (6.0ip/0r)...Made his last three starts of the season with Frederick...Went 4-0 with a 0.61 ERA (29.1ip/2er) and held opposing batters to a .149 average (15-for-101) in his final five starts overall.

2013: Made professional debut with Single-A Aberdeen, where he allowed two earned runs or less in 11 of his 12 starts...Made three straight starts without allowing a run (12.2ip) from 6/26 to 7/8 and was charged with a total of just one earned run in six starts between 6/26 and 7/30 (21.2ip - 0.42 ERA).

MISC: Has yet to strike out in 22 career plate appearances in the Major Leagues...Ranks seventh in all of minor league baseball in ERA (2.60) since the beginning of 2014 among pitchers with at least 350.0 innings pitched; Tyler Glasnow (1.99) is first... Has gone 13-for-31 (.419) with two doubles, three RBI and four runs scored as a batter in the minor

PERSONAL:

PERSONAL: Steven Joseph Brault...Is a 2010 graduate of Grossmont High School in El Cajon, CA, where he played four years of baseball and two years of football...Attended Regis University in Denver, CO, where he was a three-year starter as both a pitcher and outfielder... Was named a third-team AllAmerican by the National Collegiate Baseball Writers Association in 2013, becoming the first student-athlete in Rocky Mountain Athletic Conference baseball history to be named a first-team All-RMAC at two positions...Is the lead singer for the San Diegobased band, Street Gypsies (@streetgypsyband).

LIFE	TIME PITCI	HING	STAT	TIST.	ICS													
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2013	Aberdeen	1-2	2.09	12	12	0	0	0	43.0	35	14	10	1	2	12	38	1	0
2014	Delmarva	9-8	3.05	22	21	1	0	0	130.0	107	47	44	4	10	28	115	10	0
	Frederick (1)	2-0	0.55	3	3	1	0	0	16.1	7	1	1	0	0	2	9	0	0
2015	Bradenton	4-1	3.02	13	13	0	0	0	65.2	62	28	22	3	2	21	45	3	0
	Altoona	9-3	2.00	15	15	0	0	0	90.0	72	22	20	1	3	19	80	0	0
2016	Indianapolis	2-7	3.91	16	15	0	0	0	71.1	66	35	31	6	3	35	81	2	1
	Morgantown (#)	0-0	0.00	1	1	0	0	0	4.0	1	0	0	0	0	0	5	0	0
	Pittsburgh	0-3	4.86	8	7	0	0	0	33.1	45	26	18	5	2	17	29	1	0
2017	Indianapolis	10-5	* 1.94	21	20	0	0	0	120.1	85	26	26	5	5	44	109	3	0
	Pittsburgh	1-0	4.67	11	4	0	0	1	34.2	41	21	18	3	2	14	23	0	0
Minor	League Totals	37-26	2.56	103	100	2	0	0	540.2	435	173	154	20	25	161	482	19	1
Major	League Totals	1-3	4.76	19	11	0	0	1	68.0	86	47	36	8	4	31	52	1	0

(#)Injury Rehab Assignment (*)Led League

Selected by Baltimore in 2013 First-Year Player Draft (11th round).
(1)Acquired by Pittsburgh from Baltimore, 2/20/15, as the player to be named to complete deal from 1/27/15 in which Pittsburgh acquired pitcher Stephen Tarpley from Baltimore in deal for outfielder Travis Snider.

MAJOR LEAGUE DEBUT

1ST MAJOR LEAGUE SAV

1ST MAJOR LEAGUE WIN

July 5, 2016 at St. Louis

September 26, 2017 vs. Baltimore

September 11, 2017 at Milwaukee

LIFETIME FIELDING STATISTICS

PITCHER	PCT	G	GS	PO	A	E	тс	DP	TP
2016	.800	8	7	2	2	1	5	0	0
2017	1.000	11	4	3	10	0	13	1	0
CAREER	.944	19	11	5	12	1	18	1	0

HITTING TOTALS

YEAR	AVG	AB	R	н	2B	3B	HR	RBI	BB	SAC
2016	.250	8	1	2	0	0	0	0	0	1
2017	.231	13	2	3	1	0	0	2	0	0
CAREER	.238	21	3	5	1	0	0	2	0	1

FIRST M.L. HIT: 7/5/16 (Mike Leake - 1B)

FIRST M.L. RBI: 9/11/17 AB SINCE LAST HIT: 4

BRAULT HIGHLIGHTS

MOST STRIKEOUTS: Starter: 6 K's, 9/11/17 at Milwaukee Reliever: 3 K's (twice), 8/24/17 vs. Los Angeles (NL) & 9/26/16 vs. Chicago (NL).

MOST INNINGS PITCHED: Starter: 6.0 IP (twice), 9/11/17 at Milwaukee & 7/29/16 at Milwaukee Reliever: 4.0 IP, 8/18/17 vs. St. Louis.

MOST WALKS: Starter: 4 BB, 10/1/17 at Washington Reliever: 3 BB, 9/26/16 vs. Chicago (NL).

LONGEST SCORELESS INNINGS STREAK: 9.0 IP (9/5 to 9/20/17).

LONGEST WINNING STREAK: 1 game (9/11/17).

LONGEST LOSING STREAK: 3 games (7/29 to 9/14/16).

ASEBALL OPS

ISTORY



NICK BURDI

RIGHT-HANDED PITCHER • #57

AGE: 25

BORN: 1/19/93 in Hinsdale, IL

RESIDES: Downers Grove, IL HEIGHT/WEIGHT: 6-5/220

BATS/THROWS: R/R

M.L. SERVICE: None

OBTAINED: From Philadelphia, 12/14/17, in

deal for international slot money

LAST SEASON:

2017 SEASON: Was ranked by MiLB as Minnesota's No. 16 prospect prior to the season...Began season with Chattanooga (Twins' AA) and made six straight scoreless appearances (7.1ip) thru 4/26...Surrendered his only run via a solo homer on 4/28 at Jacksonville...Tallied saves on 5/16 and 5/21...Did not allow a run in his last seven outings between 5/5-21 (8.2ip)...Made his final appearance on 5/21; suffered a tear of his ulnar collateral ligament in his right elbow and underwent Tommy John surgery on 5/31 (surgery performed by Dr. Keith Meister)...Was selected by Philadelphia in the third round of the Major League Phase of the Rule 5 Draft on 12/14; was then acquired by the Pirates in exchange for international slot money.

MINOR LEAGUE HIGHLIGHTS:

2016: Was ranked by Baseball America as the 10th-best prospect in the Minnesota system prior to the season... Attended spring training with the Twins; was reassigned to minor league camp on 3/17 and began season with Chattanooga...Appeared in just three games with the Lookouts due to two stints on the disabled list between 4/7-22 and 5/5 thru the end of the season...Suffered a bone bruise on his right humerus and did not pitch after 4/28.

2015: Was ranked by Baseball America as Minnesota's seventh-best prospect entering the season...Began campaign with Chattanooga before being transferred to Single-A Ft. Myers on 6/30...Did not allow a run in 11 of his 13 appearances for the Miracle were scoreless while striking out 29 batters and walking three in 20.0ip...Returned to the Double-A level on 8/13...Combined to record 83 strikeouts in 43 games (63.2ip) between both levels... Held right-handed hitters to a .179 average (25-for-140), while left-handed batters hit .293 (27-for-92)...Made eight appearances with Scottsdale during the Arizona Fall League (8.0ip/2h/0r/1bb/11so).

2014: Split his first professional season in the Twins organization between Single-A affiliates Cedar Rapids and Ft. Myers...Allowed six runs in his first six appearances with Cedar Rapids before making seven straight scoreless outings (8.0ip)...Was promoted to Ft. Myers on 8/12...Combined to strike out 38 batters in 20.1 innings of work with the two clubs...Was listed as having the best fastball in the Midwest League, in addition to having the best fastball and best slider in the Twins system according to Baseball America.

PERSONAL:

PERSONAL: Nicholas Edward Burdi (pronounced "BURRdee")...Is a 2011 graduate of Downers Grove (IL) South High School, where he was a three-year letter winner in baseball...Ranked by Perfect Game USA as one of the top 50 players in the nation in the class of 2011... Was named Most Valuable Player for the East Team at the 2010 Under Armour All-American Game...Earned All-American, All-State and All-Conference honors and was 22-2 during his high school career...Went 7-1 with a 1.21 ERA and 70 strikeouts as a senior and 9-0 with a 0.89 ERA, two saves and 90 strikeouts during his junior season...Also earned two letters in football as a quarterback...Pitched three seasons for the University of Louisville from 2012-14 and went 7-6 with a 1.80 ERA (95.0ip/19er), 141 strikeouts and 34 saves in 74 career games (three starts)...Holds Louisville single-season (18 in 2014) and career records (34) for saves... Was named a Golden Spikes Award finalist in 2014 after posting a 0.49 ERA (37.0ip/2er), 65 strikeouts and 18 saves in 32 games as a junior...Was ranked by MLB as the 31st overall prospect and the 36th overall by Baseball America entering the 2014

LIF	ETIME PITCH	HING	STA	TIST	TIC:	5												
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2014	Cedar Rapids	0-0	4.15	13	0	0	0	4	13.0	8	6	6	0	0	8	26	2	0
	Ft. Myers	2-0	0.00	7	0	0	0	1	7.1	5	0	0	0	1	2	12	2	0
2015	Ft. Myers	2-2	2.25	13	0	0	0	2	20.0	12	7	5	1	0	3	29	5	1
	Chattanooga	3-4	4.53	30	0	0	0	2	43.2	40	25	22	3	1	32	54	3	0
2016	Chattanooga	1-0	9.00	3	0	0	0	0	3.0	4	3	3	0	0	1	1	0	0
2017	Chattanooga (1)(2)	2-0	0.53	14	0	0	0	1	17.0	9	1	1	1	0	4	20	0	0
Minor I	_eague Totals	10-6	3.20	80	0	0	0	10	104.0	78	42	37	5	2	50	142	12	1

- Selected by Minnesota in 2014 First-Year Player Draft (2nd round).

 (2) Selected by Philadelphia off Minnesotas Triple-A Rochester roster in Major League Phase of Rule 5 Draft on 12/14/17.

 (2) Acquired by Pittsburgh from Philadelphia, 12/14/17, in deal for international slot money.

FRANCISCO CERVELLI

CATCHER • #29

AGE: 32

BORN: 3/6/86 in Valencia, Venezuela

RESIDES: Tampa, FL HEIGHT/WEIGHT: 6-1/210

@fran cervelli

BATS/THROWS: R/R

M.L. SERVICE: 7 years, 146 days

OBTAINED: From New York (AL), 11/12/14, in

deal for pitcher Justin Wilson



AWARDS & HONORS:

- Participated in the 2017 & 2009 World Baseball Classics (Italy).
- 2007 Florida State League All-Star (mid-season & post-season).
- · 2006 New York-Penn League All-Star.

LAST SEASON:

2017 SEASON: Was Pittsburgh's Opening Day catcher for the third straight season...Homered in his third game (11th at bat) on 4/7 vs. Atlanta...Recorded a three-run triple on 4/28 at Miami; his first triple since 4/3/16...Missed four games between 4/30 and 5/3 due to a foot injury...Returned to action on 5/4 at Cincinnati and went 2-for-4 with a double and an RBI...Hit safely in six straight games between 5/4-10 (9-for-22, .409), raising his season average from .203 to .250...Tied career high (fourth time) with four hits on 5/25 at Atlanta....Produced five consecutive hits on 5/24-25...Appeared in his 500th career game as a catcher on 5/29...Took a foul tip off his mask in the ninth inning on 6/6 at Baltimore and left the game with concussion-like symptoms... Was placed on the 7-day concussion D.L. on 6/7...Was reinstated on 6/14...Had two passed balls for the second time in his career on 6/19 at Milwaukee (also on 5/12/11 vs. KC while catching with the Yankees)...Was removed from the starting lineup on 6/20 due to flu-like symptoms...Was placed on the 7-day D.L. on 6/22

(retro to 6/20) with concussion-like symptoms...Was reinstated from the D.L. on 7/3 and started that night in Philadelphia...Hit a first-inning grand slam and had a career-high tying five RBI (also 5/8/10) on 7/9 at Wrigley Field...Batted second in the lineup on 7/9 and became the first Pittsburgh player ever to hit a grand slam in the first inning from the first, second or third spot of the starting lineup - the first to do so in the Majors since Mike Trout on 4/20/13...Committed a throwing error on 7/19 vs. Milwaukee - his first error in 41 games since 4/24...Had five straight hits on 7/18-19 and four straight multi-hit games between 7/17-21...Had his second triple on 7/21 at Colorado...Left the game on 8/13 at Toronto with left wrist discomfort and missed the following two games...Was placed on the 10-day D.L on 8/17 (retro to 8/14)... Was reinstated on 8/25, but injured his left quadriceps muscle that night and returned to the 10-day D.L. on 8/26 with left quad irritation and missed remainder of the season

CAREER HIGHLIGHTS:

2016: Led all Major League catchers with a .371 on-base percentage...Made 95 appearances (94 starts) behind the plate and two appearances (one start) at first base...Set career highs in walks and stolen bases...Hit .385 (20-for-52) against LHP and had eight hits in his final 11 at bats against left-handed pitchers... Went 2-for-3 with a triple (10th career) on Opening Day...Played first base for the final inning on 4/17 vs. Milwaukee - his first game there since 9/26/14. Made his lone start at first base (sixth career) on 4/20 at San Diego... Reached base safely in 25 of his first 27 games thru 5/7 (.422 OBP)...Agreed on a three-year contract extension on 5/17 and went 3-for-5 with a stolen base that night against Atlanta...Left the game on 6/10 vs. St. Louis during his at bat in the seventh inning... Was placed on the 15-day disabled list on 6/14 after undergoing surgery to repair the hook of the hamate bone in his left hand...Caught a 4.0-inning simulated game on 7/5 at St. Louis...Took BP on the field for the first time on 7/8...Began a rehab assignment with Triple-A Indianapolis on 7/14...Went 4-for-10 with three walks and an RBI in three rehab games from 7/14-17...Was recalled from rehab assignment and reinstated from D.L. on 7/19...Made start behind the plate on 7/19 vs. Milwaukee and went 0-for-2 with a walk and a sacrifice fly...Was removed from the game on 8/2 at Atlanta after being hit in the head by a pitch in his second at bat...Left the game on 8/10 with left wrist discomfort...Returned to action on 8/13 at Los Angeles (NL) and went 3-for-4...Hit safely in a season-high nine straight games from 8/5-19 (12-for-28, .429)...Connected off Chase Anderson on 9/22 at Milwaukee for his lone home run (first since 9/30/15 - 388 plate appearances between homers)...Hit .257 (43-for-167) with a .373 OBP in 49 games before suffering hand injury and .270 (43-for-159) with a .380 OBP in 52 games after returning on 7/19.

2015: Made 128 appearances (124 starts) behind the plate - both career highs and the most starts by a Pittsburgh catcher since Jason Kendall made 145 in 2004...His 128 games behind the plate ranked second behind Yadier Molina (134) in the National League and was tied for fourth among all Major League backstops...Threw out 23 of the 105 runners attempting to steal against him (22%)... Ranked third among N.L. catchers with his 23 caught stealings...

Committed seven errors (six throwing/one fielding) and had 10 passed balls...Ranked fourth in MLB with a .296 average as a catcher and 10th among all National League batters with a .370 on-base percentage...Hit .357 (56-for-157) in the seventh inning and later; the best mark in the Majors...Ranked second on the team with five triples; had a total of four career triples prior to 2015...Was the Opening Day starter behind the plate and went 1-for-3 with a walk on 4/6 at Cincinnati, Connected off Miami's David Phelps for first home run of the season on 5/5...Ranked first among N.L. hitters with a .377 average during the month of May...Caught 56.0 consecutive scoreless innings from 6/10-17, believed to be the longest such streak in team history and the longest streak in MLB since the Orioles' Gus Triandos (52.1) in 1957 (June 23-29)...Was ejected by home plate umpire Vic Carapazza on 7/11...Left the game on 7/20 at Milwaukee with a right wrist contusion...Tied career high with four hits on 8/18 vs. Arizona (third time)...Was ejected by home plate umpire Alan Porter on 8/27 at Miami after discussing balls and strikes...Connected off Michael Wacha for second career grand slam on 9/30 (game one) at PNC Park - the first for a Pittsburgh catcher since Ryan Doumit on 5/4/11.

2015 POSTSEASON: Was the starting catcher and went 1-for-3 with a HBP in the Wild Card Game vs. Chicago on 10/7.

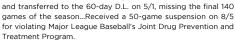
2014: Made New York's Opening Day roster for the second straight season...Made 39 starts at catcher and five at first base in final season with the Yankees...Made his first career start and appearance at first base on 4/8 vs. Baltimore...Suffered a right hamstring injury running to first base in the fourth inning on 4/13 vs. Boston...Was placed on the 60-day disabled on 4/15 (retroactive to 4/14) with a Grade 2 right hamstring strain (missed 55 team games)...Was reinstated on 6/17 and batted .315 (41-for-130) with 10 doubles, two home runs and 12 RBI in his final 44 games...Hit safely in a career-high 10 straight games from 7/10-28 (12-for-34, .353)...His home run on 7/27 vs. Toronto was his first long ball since 4/25/13 vs. Toronto (65 at bats)...Swiped lone base (sixth career) on 8/13 at Baltimore; his first big league stolen base

GENERAL

CAREER HIGHLIGHTS (CONTINUED):

since 7/16/11...Missed 13 games from 9/3-15 with cluster headaches.

2013: Made his second career Opening Day roster (also 2010)...His home run on 4/4 vs. Boston was his first in the big leagues since 9/6/11...Made his second career appearance at second base on 4/13 vs. Baltimore...Had a streak of 28 straight plate appearances without a strikeout from 4/4-17...Was removed from game on 4/26 vs. Toronto during the at bat of the first batter of the game after being hit on a foul tip...Was placed on the 15-day disabled list on 4/27 with a fractured right hand



2012: Went 0-for-1 with a walk and a run in three games as a September call-up with Yankees...Drew a two-out walk and scored game-winning run in the 12th inning on 10/2 vs. Boston.

2011: Began season on the 15-day disabled list with a fracture in his left foot, missing New York's first 22 games; suffered the injury on 3/2 vs. Houston while fouling a ball off his foot in his second plate appearance of a spring training game...Was returned from Triple-A rehab and reinstated from D.L. on 4/29...Made 41 appearances (35 starts) behind the plate with the Yankees... Posted the fourth-lowest catcher's ERA (3.50) among backstops with at least 300.0 innings of work...Hit his first career grand slam on 5/8 at Texas, snapping a 307 at bat homerless stretch (dating to 6/24/09); Derek Jeter also homered in the game, snapping his own 259 at bat homerless stretch...According to the Elias Sports Bureau, it marked the first time since 10/2/91 that a pair of Major League teammates each ended streaks of at least 250 homerless at bats in the same game (Kansas City's Hal McRae-297 and Jim Eisenreich-254)...Made his second career appearance at third base on 6/12 vs. Cleveland...Made second appearance of the season at the hot corner on 7/30 vs. Baltimore...Made his first career appearance at second base on 7/31 vs. Baltimore (had one assist)... Hit three of his four home runs with the Yankees in a four-game stretch from 8/30-9/6 (14 at bats)...Finished season on the disabled list after suffering a concussion in a home plate collision with Nick Markakis on 9/8 at Baltimore...Returned to New York on 9/11 and on 9/12 was seen by Dr. Kirk Roberts a neurologist at New York-Presbyterian Hospital specializing in concussion syndromes...Was diagnosed with a concussion (MRI results were negative) and was placed on the 15-day D.L. on 9/13. 2010: Spent his first full season in the Majors with the Yankees



Francisco serves food during Clemente Day event in 2017.

and made 90 appearances (80 starts) behind the plate...Batted .381 (16-for-42) with 24 RBI and a .435 OBP with RISP and two outs, ranking third among Major League players in average in such circumstances (min. 40PA)...Made his first career Opening Day roster...Made his first start - and appearance - on 4/10 at Tampa Bay, when CC Sabathia held the Rays hitless through the first 7.2 innings...Made first career infield appearance at third base on 5/2 vs. Chicago (AL) and had one putout...Had a career-high five RBI on 5/8 at Boston; were the most RBI by a Yankees catcher since Jorge Posada had six on

9/6/06 at Kansas City and the most by a Yankees catcher in a game vs. Boston since Yogi Berra had eight on 7/3/57 at Yankee Stadium...Appeared in one postseason game; started Game Four of the A.L.C.S. vs. Texas and went hitless in two at bats.

2009: Participated in the World Baseball Classic prior to the season; went 1-for-7 (.143) in three games with Team Italy... Began season with Trenton (Yankees' AA), but was recalled by New York on 5/5 when Jorge Posada was placed on the disabled list....At the time of his first start at catcher on 5/8, was the third-youngest active catcher to start a game in the Majors in 2009 (23 years old) behind Pablo Sandoval (Giants, 22) and Lou Marson (Phillies, 22)...Collected his first Major League hit - a single off Jeremy Guthrie - while calling CC Sabathia's shutout on 5/8 at Baltimore...Became the second Yankees backstop to catch a shutout in his first start, joining Thurman Munson, who did so in his debut on 8/8/69 by catching Al Downing's fourhit shutout vs. Oakland...Connected off Atlanta's Kris Medlen for his first Major League home run on 6/24 at Turner Field...Was optioned to Scranton/Wilkes-Barre on 7/7...Was recalled by New York on 9/1...Entered the game on 9/16 vs. Toronto as a defensive replacement in the eighth inning and delivered the game-winning walkoff single with one out in the ninth inning...Hit .438 (7-for-16) with a double and two RBI in 17 games (two starts at catcher) during the month of September...Made a total of 40 appearances (25 starts) behind the plate in his two stints with the Yankees (5/5 to 7/8 and 9/1 to 10/4)...Threw out 13-of-21 potential base stealers (62%)...Was named to the A.L.D.S. and A.L.C.S. playoff rosters and went 0-for-1 in two games.

2008: Was recalled by New York (AL) on 9/15 and made his Major League debut on 9/18 vs. Chicago (AL); entered the game as a defensive replacement behind the plate in the eighth inning (did not bat)...Made his first Major League start at catcher on 9/25 at Toronto.

MINOR LEAGUE HIGHLIGHTS:

2012: Spent majority of the season with Scranton/Wilkes-Barre (Yankees' AAA), where he posted a .993 fielding percentage (767TC/5E) in a minor league career-high 96 games behind the plate...Threw out 27 of the 90 baserunners attempting to steal against him (30%)...Appeared in 21 games with Magallanes during the Venezuelan Winter League and produced a .305 average (18-for-59), 16 runs, five doubles, two home runs and 14 RBI.

2009: Began season with Trenton (Yankees' AA), but was recalled by New York on 5/5 when Jorge Posada was placed on the disabled list...Was optioned to Scranton/Wilkes-Barre on 7/7...Also played two games with the GCL Yankees on 8/22 and 8/24...Was recalled by New York on 9/1... Batted .214 (3-for-14) with three runs and one double in six games with the Cardenales de Lara during the Venezuelan Winter League.

2008: Began season on the minor league disabled list after suffering a broken right wrist in a home plate collision with Tampa Bay's Elliot Johnson in a spring training game at George M. Steinbrenner Field on 3/8...Was reinstated from D.L. and was assigned to Class-A Tampa on 6/16...Appeared in three games before returning to the D.L. with a left knee sprain...Returned to action on 7/30 with the GCL Yankees before being transferred to Trenton 8/4...Hit .315 in 21 regular season games with the Thunder and appeared in six postseason games with the Eastern League champs...Hit .308 (28-for-91) in 27 total minor league games and threw out 7-of-14 runners attempting to steal against him.

2007: Spent entire season with Tampa...Led Florida State League catchers with a 41.0% caught stealing rate (41-for-100) and a .997 fielding percentage, making just two errors in 743 total chances... Participated in the mid-season All-Star Game; entered the game defensively in the seventh and went hitless in one at bat...Was also named to the league's postseason All-Star team...Recorded 24 putouts while catching the entire game in a 20-inning loss vs. Clearwater on 4/17...Was on the disabled list from 8/10 to 9/5 with a left knee sprain.

2006: Spent entire season with short-season Single-A Staten Island, where he helped lead the team to their second consecutive New York-Penn League championship...Led the team in OBP and slugging percentage...Ranked second in batting...Was named to the American League team for the New York-Penn League All-Star Game.

2005-03: Spent entire 2005 season with the GCL Yankees... Played his first two pro seasons with the DSL Yankees after signing as a non-drafted free agent on 3/1/03.

MISC: Was named the Yankees Best Defensive Catcher by Baseball America three straight years (2006-2008)...Has produced a .303 (128-for-4234) average against LHP in his big league career...Had his last sacrifice bunt on 9/25/15 at Chicago (game 1).

PERSONAL: Francisco Cervelli (pronounced "sir-VEL-lee")... Played for Team Italy during the 2009 and 2017 World Baseball Classics (his father was born in Italy)...Hosted a two-hour Cervelli Culinary Craft Camp in August 2015, which brought 30 kids, ages 10 to 12, from local YMCA summer programs to Pittsburgh's North

Side Children's Museum to learn about cooking and painting... Received the 2013 "Project Sunshine Outstanding Volunteer-ofthe-Year Award"...Project Sunshine is a nonprofit organization that provides free educational, recreational and social programs to children and families facing medical challenges.

-115	ETIME BAT	Ш	U 3	IAII	9116	,5														
YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	OBP	SLG	E
2003	DSL Yankees 1	.239	52	155	14	37	4	1	0	14	2	0	11	24	25	0	0	.277	.379	
2004	DSL Yankees 1	.216	40	88	14	19	2	0	1	14	4	4	9	19	18	1	2	.273	.392	
2005	GCL Yankees	.190	24	58	10	11	2	0	1	9	0	2	2	8	13	1	0	.276	.300	2
2006	Staten Island	.309	42	136	21	42	10	0	2	16	1	0	7	13	30	0	0	.426	.397	7
2007	Tampa	.279	89	290	34	81	24	2	2	32	4	2	16	36	59	4	3	.397	.387	2
2008	Tampa	.300	3	10	2	3	0	0	0	1	0	0	1	0	3	0	0	.300	.364	C
	GCL Yankees	.250	3	8	0	2	1	0	0	0	0	0	0	0	1	0	0	.375	.250	C
	Trenton	.315	21	73	8	23	5	0	0	8	0	0	4	11	14	0	0	.384	.432	1
	New York - AL	.000	3	5	0	0	0	0	0	0	0	0	0	0	3	0	0	.000	.000	0
2009	Trenton	.190	16	58	8	11	1	0	2	7	0	0	0	6	13	0	0	.310	.266	5
	New York - AL	.298	42	94	13	28	4	0	1	11	4	1	0	2	11	0	3	.372	.309	1
	Scranton/WB	.275	21	69	7	19	5	0	1	7	1	1	1	3	13	0	2	.391	.311	3
	GCL Yankees	.167	2	6	1	1	0	0	0	0	0	0	0	1	0	0	0	.167	.286	1
2010	New York - AL	.271	93	266	27	72	11	3	0	38	8	4	6	33	42	1	1	.359	.335	13
2011	Scranton/WB (#).154	3	13	2	2	0	0	0	1	0	0	1	1	5	0	0	.267	.154	0
	Tampa (#)	.300	3	10	0	3	0	0	0	1	0	0	0	0	2	0	0	.300	.300	C
	New York - AL	.266	43	124	17	33	4	0	4	22	1	1	2	9	29	4	1	.234	.395	6
2012	Scranton/WB	.246	99	354	43	87	15	2	2	39	3	6	15	39	82	6	0	.341	.316	5
	New York - AL	.000	3	1	1	0	0	0	0	0	0	0	0	1	0	0	0	.500	.000	0
2013	New York - AL	.269	17	52	12	14	3	0	3	8	0	0	1	8	9	0	0	.377	.500	4
2014	New York - AL (1	.301	49	146	18	44	11	1	2	13	0	0	5	11	41	1	0	.370	.432	1
	Tampa (#)	.000	2	6	0	0	0	0	0	0	0	0	0	1	1	0	0	.143	.000	C
	Scranton/WB (#	.182	3	11	0	2	0	0	0	0	0	0	0	0	0	0	0	.182	.182	C
	Trenton (#)	.133	5	15	2	2	0	0	0	0	0	0	1	4	4	0	0	.350	.133	C
2015	Pittsburgh	.295	130	451	56	133	17	5	7	43	4	1	8	46	94	1	1	.370	.401	7
2016	Pittsburgh	.264	101	326	42	86	14	1	1	33	0	5	6	56	72	6	2	.377	.322	7
	Indianapolis (#)	.400	3	10	1	4	1	0	0	1	0	0	0	3	2	0	0	.538	.500	C
2017	Pittsburgh	.249	81	265	31	66	13	2	5	31	0	1	6	32	65	0	2	.342	.370	5
Minor	League Totals	.255	431	1370	167	349	70	5	11	150	15	15	68	169	285	12	7	.363	.338	26
N.L. T	otals	.274	312	1042	129	285	44	8	13	107	4	7	20	134	231	7	5	.365	.369	19
A.L. T	otals	.278	250	688	88	191	33	4	10	92	13	6	14	64	135	6	5	.348	.381	25

(#)Injury Rehab Assignment Signed by New York (AL) as a non-drafted free agent on 3/1/03.

(1)Acquired by Pittsburgh from New York (AL), 11/12/14, in deal for pitcher Justin Wilson.

YEAR CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	OBP	SLG	E
2009 Italy	.143	3	7	1	1	0	0	0	0	1	1	1	1	1	0	0	.333	.143	0
2017 Italy	.250	4	16	2	4	2	0	0	1	0	0	0	1	1	0	0	.294	.375	0
WBC Totals	.217	7	23	3	5	2	0	0	1	1	1	1	2	2	0	0	.296	.320	0

YEAR	CLUB/OPP	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	E
2015	Pit. vs. Chi.	.333	1	3	0	1	0	0	0	0	0	0	1	0	0	0	0	0
Wild	Card Game Totals	.333	1	3	0	1	0	0	0	0	0	0	1	0	0	0	0	0

						'IST	

YEAR	CLUB/OPP	AVG	G	АВ	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	E
2009	NYY vs. Min.		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	NYY vs. Min.					O	n Rost	er - Di	d Not	Appear								
Divisio	n Series Totals		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2017

LEA	GUE CHAP	1PION	ISH	IIP S	ER	IES	STA	ATIS	TIC	5								
YEAR	CLUB/OPP	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	E
2009	NYY vs. LAA	.000	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2010	NYY vs. Tex.	.000	1	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0
L.C.S.	Totals	.000	2	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0

MAJOR LEAGUE DEBUT

September 18, 2008 vs. Chicago (AL)

FIRST MAJOR LEAGUE HR

DATE PITCHER

June 24, 2009 at Atlanta......Kris Medlen

FIRST MAJOR LEAGUE HIT

DATE	PITCHER

May 8, 2009 at Baltimore..... Jeremy Guthrie - 1B

WALKOFFS (1)

DATE	ACTION (INN.)

Sept. 16, 2009 vs. TorontoSingle (9th)

GRAND SLAMS (3)

DATE		PITCHER

May 8, 2011 at TexasCody Eppley Sept. 30, 2015 vs. St. Louis (game 1).....Michael Wacha July 9, 2017 at *Chicago (NL)*.....Jon Lester

LIFETIME FIELDING STATISTICS

FIRST BASE	PCT	G	GS	РО	A	E	тс	DP	TP
2014	1.000	5	5	33	1	0	34	2	0
2016	1.000	2	1	7	0	0	7	2	0
CAREER	1.000	7	6	40	1	0	41	4	0

LIFETIME FIELDING STATISTICS

SECOND BASE	РСТ	G	GS	РО	A	E	тс	DP	TP
2011	1.000	1	0	0	1	0	1	0	0
2013		1	0	0	0	0	0	0	0
CAREER	1.000	2	0	0	1	0	1	0	0

LIFETIME FIELDING STATISTICS

THIRD BASE	РСТ	G	GS	РО	A	E	тс	DP	TP
2010	1.000	2	0	1	0	0	1	0	0
2011		2	0	0	0	0	0	0	0
CAREER	1.000	4	0	1	0	0	1	0	0

LIFETIME FIELDING STATISTICS

CATCHER	PCT	G	GS	РО	A	E	тс	DP	TP	РВ
2008	1.000	3	1	11	0	0	11	0	0	0
2009	.995	40	25	207	14	1	222	1	0	0
2010	.980	90	80	579	45	13	637	2	0	2
2011	.980	41	35	278	18	6	302	1	0	3
2012	1.000	3	0	8	0	0	8	0	0	0
2013	.969	17	16	121	6	4	131	1	0	0
2014	.997	42	39	335	20	1	356	0	0	2
2015	.994	128	124	992	82	7	1081	6	0	10
2016	.991	95	94	693	71	7	771	7	0	8
2017	.991	78	75	500	47	5	552	6	0	7
CAREER	.989	537	489	3724	303	44	4071	24	0	32

CERVELLI HIGHLIGHTS

MOST HR/GAME: 1 HR (23 times), last on 7/18/17 vs. Milwaukee.

MOST HITS/GAME: 4 hits (4 times), last on 5/25/17 at Atlanta.

MOST RUNS/GAME: 3 runs (3 times), 7/22/11 vs. Oakland, 9/20/10 vs. Tampa Bay & 5/17/10 vs. Boston.

MOST RBI/GAME: 5 RBI (twice), 7/9/17 at Chicago (NL) & 5/8/10 at Boston.

2017 REVIEW

KYLE CRICK

RIGHT-HANDED PITCHER • #30

AGE: 25

BORN: 11/30/92 in Fort Worth, TX

RESIDES: Sherman, TX
HEIGHT/WEIGHT: 6-4/220

@K Crick49

BATS/THROWS: L/R M.L. SERVICE: 104 days

OBTAINED: From San Francisco, 1/15/18, along with minor league outfielder Bryan Reynolds and international bonus space, in deal for Andrew McCutchen and cash



AWARDS & HONORS:

- Participated in 2013 All-Star Futures Game in New York (NL).
- · Named to 2013 Arizona Fall League Rising Stars Team.

LAST SEASON:

2017 SEASON: Split season between Sacramento (Giants' AAA) and San Francisco...Began year with Sacramento, where he was charged with more than one earned run twice in his 24 appearances...Did not allow a run in his first three appearances (4.0ip) before being charged with six runs in 3.1 innings in his next three outings...Recorded first save on 4/14 at Salt Lake...Was on the seven-day disabled list from 4/17-24 with a concussion... Did not allow a run over seven appearances (9.0ip) from 5/3-19... Recorded his lone win in final outing with the River Cats on 6/16

at Las Vegas...Was recalled by San Francisco on 6/20 and spent the rest of the season in the big leagues...Allowed just three of his 21 inherited runners to score with the Giants while also limiting opposing hitters to a .191 batting average (22-for-115)...Tossed 2.1 scoreless innings while allowing one hit in big league debut on 6/22 at Atlanta...Did not allow a run in seven appearances (7.2ip) from 7/7-28...Was scored upon in four of his five outings from 7/31 to 8/20...Was scored upon just once in his last seven appearances (7.0ip).

MINOR LEAGUE HIGHLIGHTS:

2016: Established a career-high in starts while spending entire season with Double-A Richmond...Won first start on 4/12 at Reading before losing his next seven decisions from 4/18 to 6/30...Snapped seven-game losing streak after allowing one hit over 6.0 scoreless innings on 7/6 vs. Reading...Earned the win in final start after tossing 6.0 scoreless innings on 9/1 vs. Hartford.

2015: Attended spring training with the Giants for the second time...Split season between Richmond's starting rotation and bullpen...Made each of his first 11 appearances as a member of the starting rotation before moving to the bullpen for the remainder of the season on 7/1...Was added to San Francisco's 40-man roster on 11/20.

2014: Attended spring training as a non-roster invitee for the first time in his career...Spent first season with Richmond...Spent 14 days on the disabled list from 8/18 to 9/1 with back tightness... Made only relief appearance in his final outing on 9/1.

2013: Was rated by Baseball America as San Francisco's top prospect prior to the season...Was also ranked by Baseball America as the 33rd-best prospect in the game at the conclusion of the season...Suffered a strained oblique in third start of the season and was on the disabled list for two months from 4/19 to 6/21...Was selected to represent San Francisco at the All-Star Futures Game at Citi Field in New York (NL)...Went 0-1 with a 2.87 ERA in seven appearances (five starts) for the Scottsdale Scorpions during the Arizona Fall League.

2012: Spent first full season pitching for Augusta...Established a career-high in strikeouts, which ranked fifth among South Atlantic League hurlers.

2011: Spent first professional season with the Arizona League Giants...Did not allow a run in each of his first four outings.

MISC: Was selected by San Francisco with the club's second pick in 2011, which the team received as compensation for losing free agent Juan Uribe to the Dodgers...Has gone 5-for-39 (.128) with a pair of doubles as a batter during his minor league career...Has not received a plate appearance in the big leagues.

PERSONAL:

PERSONAL: Kyle Daniel Crick...Is a 2011 graduate of Sherman (TX) High School, where he recorded a 1.11 ERA and 95 strikeouts in 11 starts as a senior...Was named to the Rawlings Texas All-Region first team and chosen as the District 13-4A Pitcher-

of-the-Year in 2011...His high school coach had him play first and third base as a junior while pitching now and them...A new coach arrived the next season and put him in the rotation...Did not become a full-time pitcher until his senior year of high school.

PIRATES WINNING STREAKS OF 10 GAMES OR MORE

STREAK	SEASONS
10 games	(2004, 1978, 1976, 1962, 1944, 1937, 1935, 1902, 1901)
11 games	(1996, 1992, 1978, 1977, 1971, 1932, 1927 - twice, 1905)
12 games	(1965, 1912, 1903)
13 games	(1938, 1922, 1911)
14 games	(1909)
15 games	(1903)
16 games	(1909)

LIFE	LIFETIME PITCHING STATISTICS																	
	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2011	Arizona Giants	1-0	6.43	7	0	0	0	0	7.0	9	8	5	0	1	8	8	2	0
2012	Augusta	7-6	2.51	23	22	0	0	0	111.1	75	39	31	1	12	67	128	13	1
2013	San Jose	3-1	1.57	14	14	0	0	0	68.2	48	20	12	1	1	39	95	8	0
2014	Richmond	6-7	3.79	23	22	0	0	0	90.1	78	42	38	7	1	61	111	12	0
2015	Richmond	3-4	3.29	36	11	0	0	0	63.0	47	26	23	2	7	*66	73	6	0
2016	Richmond	4-11	5.04	23	23	0	0	0	109.0	110	72	61	8	10	67	86	9	0
2017	Sacramento	1-2	2.76	24	0	0	0	6	29.1	24	9	9	1	1	13	39	0	0
	San Francisco (1)	0-0	3.06	30	0	0	0	0	32.1	22	13	11	2	1	17	28	6	0
Minor	League Totals	25-31	3.37	150	92	0	0	6	478.2	391	216	179	20	33	321	540	50	1
Major	League Totals	0-0	3.06	30	0	0	0	0	32.1	22	13	11	2	1	17	28	6	0

(*)Led League
Selected by San Francisco in 2011 First-Year Player Draft as the sandwich pick selection (49th overall).
(Slacquired by Pittsburgh from San Francisco, 1/15/18, along with minor league outfielder Bryan Reynolds and international bonus pool space, in deal for outfielder Andrew McCutchen and cash considerations.

MAJOR LEAGUE DEBUT

LIFETII	ME FII	ELD	ING	ST/	ATIS	STIC	S		
PITCHER	PCT	G	GS	РО	A	E	тс	DP	TP
2017	.900	30	0	5	4	1	10	0	0
CADEED	900	30	0	5	1	1	10	0	0

CRICK HIGHLIGHTS

MOST STRIKEOUTS: 3 K's (3 times), 9/13/17 vs. Los Angeles (NL), 8/22/17 vs. Milwaukee & 7/6/17 at Detroit.

MOST INNINGS PITCHED: 2.1 IP, 6/22/17 at Atlanta.

MOST WALKS: 3 BB, 9/3/17 vs. St. Louis.

LONGEST SCORELESS INNINGS STREAK: 7.2 IP (7/7 to 7/28/17).

LONGEST WINNING STREAK: No Major League Wins. LONGEST LOSING STREAK: No Major League Losses.

DATE	BY	TEAM	SITE	SCORE	
10/15/1892	Bumpus Jones*	.Cincinnati	Cincinnati	7-1	
4/22/1898	Ted Breitenstein	.Cincinnati	Cincinnati	11-0	
8/1/1906	Harry McIntire	.Brooklyn	Brooklyn	**0-1	
6/16/1916	Tom Hughes	.Boston	Boston	2-0	
5/8/1929	Carl Hubbell	.New York	New York	11-0	
5/12/1955	Sam Jones	.Chicago	Chicago	4-0	
8/14/1971	Bob Gibson	.St. Louis	Pittsburgh	11-0	
9/28/2012	Homer Bailey	.Cincinnati	Pittsburgh	1-0	
6/20/2015	Max Scherzer	.Washington	Washington	6-0	
* First M.L. start	** Pitched 10	2/3 hitless innings	;		

ELIAS DÍAZ

CATCHER • #32

∆GF 27 BATS/THROWS: R/R

BORN: 11/17/90 in Maracaibo, Venezuela M.L. SERVICE: 1 year, 88 days

RESIDES: Maracaibo, Venezuela **OBTAINED:** Signed as a non-drafted free

agent on 11/7/08 HEIGHT/WEIGHT: 6-1/215



AWARDS & HONORS:

- · Received 2015 Baseball America Captain's Catcher Award.
- Participated in 2015 All-Star Futures Game in Cincinnati.
- 2015 International League All-Star (mid-season & post-season).
 2014 Eastern League All-Star (mid-season & post-season).

AST SEASON:

2017 SEASON: Split season between Triple-A Indianapolis and Pittsburgh...Began season with Indianapolis and hit .305 (18-for-59) with 12 RBI in 15 games during the month of April... Was recalled by Pittsburgh on 5/1 and made first start on 5/2 at Cincinnati; singled off Robert Stephenson for first Major League hit...Was optioned back to Indianapolis on 5/7...Hit his second and final Triple-A home run on 5/29 at Rochester...Was recalled by the Pirates on 5/30 when Chris Stewart went on the disabled list...Connected off New York's Paul Sewald for first Major League home run and had a career-high six RBI on 6/2 at Citi Field; the most RBI by a Pirates rookie since Andrew McCutchen on

8/1/09...Had a career-high three hits on 6/10 vs. Miami...Hit .310 (18-for-58) with 13 RBI in 22 big league games during the month of June...Was optioned back to Indianapolis on 7/7...Was recalled a third time by Pittsburgh on 8/15 and went 4-for-21 in six games before being optioned to Indianapolis on 8/25...Was recalled a final time on 8/26 when Francisco Cervelli went on the D.L... Started 18 of the last 22 games with the Pirates...Went hitless in his last 19 at bats after going 2-for-3 on 9/23 vs. St. Louis...Hit .239 (39-for-163) with 14 doubles, one home run and 19 RBI in his 44 starts...Threw out eight of the 22 runners attempting to steal against him with the Pirates.

AREER HIGHLIGHTS:

2016: Began season on Pittsburgh's 15-day disabled list (retroactive to 3/25) with lateral right elbow discomfort... Underwent arthroscopic surgery to remove bone chips from his right elbow on 5/3...Was transferred to the 60-day D.L. on 5/19...Began rehab assignment with Bradenton on 7/4...Went 4-for-5 in his sixth game with the Marauders on 7/13 at Dunedin and went 3-for-4 with a home run and four RBI in seventh and final game with Bradenton on 7/14...Had rehab transferred to Double-A Altoona on 7/16...Played two games with the Curve before having rehab assignment transferred to Indianapolis on 7/18...Went hitless in four at bats in lone rehab game with Indy on 7/19...Was reinstated from the 60-day D.L. and optioned to Indianapolis on 7/20...Went 3-for-7 in two games with Indianapolis before being recalled by Pittsburgh on 7/23 when Eric Fryer went on the Paternity List...Made his first Major League start on 7/24 vs. Philadelphia and went 0-for-4 with an RBI; also picked a runner off second base (Carlos Ruiz) in the fourth inning...Was optioned back to Indianapolis on 7/26...Played in his final contest on 9/1 after suffering a left leg infection...Was

treated for cellulitis on his left leg in Pittsburgh on 9/5...Was recalled by Pittsburgh and placed on the 60-day disabled list on 9/13: was reinstated on 11/4.

2015: Spent full season at the Triple-A level where he was named to the International League mid- and post-season All-Star teams...Also represented the World Team at the All-Star Futures Game in Cincinnati on 7/12...Won Baseball America's "Captain's Catcher" award, given to the best defensive catcher in all of minor league baseball...Made 60 starts behind the plate with Indianapolis and threw out 14 of the 46 ruppers attempting to steal against him (30%)...Also made 25 appearances as the designated hitter...Hit .325 (27-for-83) and produced 14 RBI in 24 games during the month of May...Swiped lone base on 7/27 at Columbus...Had 18 RBI in 17 games during the month of August... Was recalled by Pittsburgh on 9/1...Made Major League debut as a pinch hitter on 9/12 and flied out to center field...Also struck out as a pinch hitter on 9/30 vs. St. Louis (game two)...Did not appear in a game defensively with the Pirates.

MINOR LEAGUE HIGHLIGHTS:

2013: Spent entire season with High-A Bradenton, where he made 55 appearances (all starts) behind the plate...Threw out 19 of the 74 runners attempting to steal against him (26%)...Batted .386 (17-for-44) in 13 games during the month of August and .338 (25-for-74) in his final 21 games overall, beginning on 7/14... Hit his two home runs in back-to-back games on 5/19 vs. St. Lucie and 5/22 vs. Tampa.

2012: Spent second straight full season with Low-A West Virginia...Led South Atlantic League catchers in games (92) and assists (86)...Threw out 48 of the 177 baserunners attempting to steal against him (27%)...Hit safely in a season-high nine straight games from 7/14-26.

2011: Spent entire sesaon with West Virginia... Established minor league career highs in doubles and stolen bases...Tallied an RBI in five straight games while producing a six-game hitting streak from 6/4-11...Made 82 appearances (all starts) at catcher and threw out 28 of 129 potential base stealers (22%).

2010: His first season playing in the United States was spent with the GCL Pirates...Made 38 appearances (36 starts) behind the plate and threw out 21 of the 51 runners attempting to steal against him (41%)...Had season-high four RBI on 7/6...Hit first home run on 7/9 against the GCL Tigers.

2009: Ranked first among Venezuelan Summer League catchers in games (41), total chances (279) and assists (51)...Threw out 19 of the 42 runners attempting to steal against him (45%)...Also made 18 appearances (14 starts) at first base...Hit .370 with 13 RBI in 12 games during the month of May.

ERSONAL:

PERSONAL: Elias David Díaz (first name pronounced "eh-LEE-iss")...Entered 2017 season ranked by Baseball America as the organization's "Best Defensive Catcher" and 10th-best prospect...Was also rated as the "Best Defensive Catcher" in the Pirates system prior to the 2015 season...Signed by Pirate scouts Rene Gavo and Rodolfo Petit.

YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	BB	so	SB	CS	OBP	SLG	E
2009	VSL Pirates	.272	64	232	33	63	13	2	5	36	1	4	5	29	47	3	4	.359	.409	7
2010	GCL Pirates	.218	41	142	20	31	5	1	2	20	0	2	3	10	28	0	2	.280	.310	4
2011	West Virginia	.221	90	326	38	72	23	3	2	45	5	2	4	23	69	6	1	.279	.328	16
2012	West Virginia	.208	92	313	32	65	14	1	3	26	3	6	3	22	51	2	2	.262	.288	14
2013	Bradenton	.279	57	183	30	51	12	2	2	15	3	2	1	31	33	4	4	.382	.399	5
2014	Altoona	.328	91	326	41	107	20	0	6	54	2	8	1	30	51	3	2	.378	.445	5
	Indianapolis	.152	10	33	4	5	1	0	0	0	0	0	1	3	6	0	1	.243	.182	0
2015	Indianapolis	.271	93	325	33	88	16	4	4	47	2	5	2	29	47	1	4	.330	.382	7
	Pittsburgh	.000	2	2	0	0	0	0	0	0	0	0	0	0	1	0	0	.000	.000	0
2016	Bradenton (#)	.391	7	23	6	9	0	0	1	5	0	1	0	4	2	0	1	.464	.522	2
	Altoona (#)	.286	2	7	0	2	0	0	0	1	0	0	0	1	1	0	0	.375	.286	0
	Indianapolis (&)	.266	25	94	4	25	3	0	0	10	0	0	0	3	17	1	0	.289	.298	5
	Pittsburgh	.000	1	4	0	0	0	0	0	1	0	0	0	0	1	0	0	.000	.000	0
2017	Indianapolis	.266	57	218	19	58	10	0	2	27	1	0	1	9	36	3	0	.298	.339	1
	Pittsburgh	.223	64	188	18	42	14	0	1	19	0	1	0	11	38	1	0	.265	.314	4
Minor	League Totals	.259	629	2222	260	576	117	13	27	286	17	30	21	194	388	23	21	.321	.360	66
Major	League Totals	.216	67	194	18	42	14	0	1	20	0	1	0	11	40	1	0	.257	.304	4

(#)Injury Rehab Assignment
(&)Statistics include time on Injury Rehab Assignment
Signed as a non-drafted free agent by Pittsburgh on 11/7/08.

MAJOR LEAGUE DEBUT

September 12, 2015 vs. Milwaukee

FIRST MAJOR LEAGUE HR

DATE PITCHER

June 2, 2017 at New York (NL).... Paul Sewald

FIRST MAJOR LEAGUE HIT DATE PITCHER

May 2, 2017 at Cincinnati......Robert Stephenson - 1B

LIFETIN	ME FIE	ELD	ING	STA	ATIS	TIC	:s			
CATCHER	PCT	G	GS	РО	A	E	тс	DP	TP	РВ
2016	1.000	1	1	7	4	0	11	0	0	0
2017	.990	55	44	356	37	4	397	4	0	3
CAREER	.990	56	45	363	41	4	408	4	0	3

DIAZ HIGHLIGHTS

MOST HR/GAME: 1 HR, 6/2/17 at New York (NL). MOST HITS/GAME: 3 hits, 6/10/17 vs. Miami. MOST RBI/GAME: 6 RBI, 6/2/17 at New York (NL).

MOST RUNS/GAME: 2 runs (twice), 9/23/17 vs. St. Louis & 6/10/17 vs. Miami.

LONGEST HITTING STREAK: 2017: 4 games, twice Career: 4 games (twice in 2017).

LUIS ESCOBAR

RIGHT-HANDED PITCHER • #77

AGE: 21 (turns 22 on May 30) BATS/THROWS: R/R BORN: 5/30/96 in Cartagena, Colombia M.L. SERVICE: None

RESIDES: Cartagena, Colombia **OBTAINED:** Signed as a non-drafted free

agent on 7/8/13 HEIGHT/WEIGHT: 6-2/210



WARDS & HONORS:

- Participated in 2017 MLB Futures Game in Miami.
- Member of Team Colombia in 2017 World Baseball Classic

2017 SEASON: Led South Atlantic League in strikeouts while spending entire season with West Virginia. Also led the league in wild pitches...Led Pirates minor league system in strikeouts... Was a member of the World Team at the MLB Futures Game in Miami on 7/9...Gave up a total of two runs in his first two starts (11.0ip) and went 3-1 with a 3.29 ERA (27.1ip/10er) in his first five

assignments thru April...Made his lone relief appearance (fourth career) on 5/26 and tossed 1.0 scoreless inning...Posted a 1.32 ERA (27.1ip/4er) in five starts during the month of July...Was credited with a complete game and shutout in his final outing on 9/2 at Delmarva; the game was called after 5.0 innings due to rain.

MINOR LEAGUE HIGHLIGHTS:

2016: Spent entire season with West Virginia...Tied for second in the league in HBP...Made first professional relief appearance on 7/6 and pitched 4.2 scoreless innings for the win...Also pitched 3.0 scoreless innings of relief on 7/12 and picked up the victory...Was charged with two earned runs or less in 12 of his 15 outings...Posted a 2.01 ERA (49.1ip/14r/11er) in a 10-game stretch from 7/6 thru 8/24...Made third and final relief appearance on 8/3 (5.0ip/2er)...Won three of his last four decisions; gave up a season-high six runs while suffering loss on 8/29...Went 4-4 with a 3.27 ERA (55.0ip/20er) in 12 starts and 2-1 with a 1.42 ERA (12.2ip/2er) in his three relief appearances.

2015: Spent majority of campaign with the GCL Pirates...Tied for second among league pitchers in starts...Made his final two starts of the season with the West Virginia Black Bears; pitched 3.0 scoreless innings on 9/1 and gave up five runs (four earned) in 3.1ip on 9/6...Went 2-1 with a 3.83 ERA (47.0ip/20er) in 13 starts between the two teams.

2014: Spent his first professional season with the Dominican Summer League Pirates...Lost his first three decisions before winning his first game on 7/17...Posted a 0.95 ERA (19.0ip/2er) and a .133 batting average against in a four-game stretch between 7/5-23.

MISC: Entered 2018 season ranked by Baseball America as the seventh-best prospect in the Pittsburgh organization.

PERSONAL:

PERSONAL: Luis Alberto Escobar...Has one son; Tyler Andres (1)...Enjoyed playing soccer during his childhood and his favorite baseball player was Josh Beckett...Hobbies include cooking,

fishing and playing video games...Signed by Pirate scouts Rene Gavo and Orlando Covo.

LIFETIME PITCHING STATISTICS

YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2014	DSL Pirates	2-4	4.75	13	13	0	0	0	55.0	50	38	29	2	3	31	34	7	1
2015	GCL Pirates	2-1	3.54	11	11	0	0	0	40.2	29	17	16	1	4	13	37	2	1
	Morgantown	0-0	5.68	2	2	0	0	0	6.1	7	5	4	0	0	4	5	2	0
2016	Morgantown	6-5	2.93	15	12	0	0	0	67.2	50	25	22	4	8	28	61	7	1
2017	West Virginia	10-7	3.83	26	25	1	1	0	131.2	97	60	56	9	13	60	* 168	* 25	3
Minor	League Totals	20-17	3.79	67	63	1	1	0	301.1	233	145	127	16	28	136	305	43	6

Signed by Pittsburgh as a non-drafted free agent on 7/8/13.

WORLD BASEBALL CLASSIC STATISTICS

YEAR CLUB	W-L	ERA	G	GS CG	SHO SV	IP	н	R	ER	HR	HP	ВВ	SO WP BK	ı
2017 Colombia		PITCH												

BASEBALL

ENERAL



MICHAEL FELIZ

RIGHT-HANDED PITCHER • #45

AGE: 24 (turns 25 on June 28) BORN: 6/28/93 in Azua, D.R. RESIDES: Azua, D.R.

meight/weight: 6-4/230

alaflechaazuana

BATS/THROWS: R/R

M.L. SERVICE: 2 years, 38 days

OBTAINED: From Houston, 1/13/18, along with pitcher Joe Musgrove, infielder Colin Moran and outfielder Jason Martin, in deal for

pitcher Gerrit Cole

AWARDS & HONORS:

- Participated in 2014 All-Star Futures Game in Minnesota.
- 2013 New York-Penn League All-Star (mid-season).

LAST SEASON:

2017 SEASON: Was a member of Houston's Opening Day roster for the second straight season..Averaged 13.1 strikeouts per 9.0ip (70 K's in 48.0ip); the sixth-best ratio among American League relief pitchers with at least 45.0ip...Was on the Family Medical Emergency List from 5/5-9...Pitched in both games of a doubleheader on 5/14 at New York (AL); struck out the lone batter he faced in game one and struck out all four batters he faced in game two... Struck out as a batter in his first career plate appearance on 5/16 at Miami...Had 23 strikeouts in 14.2ip during the month of May...Posted a 2.10 ERA (25.2ip/6er) and 35 K's in his first 23 appearances thru 6/5...Won his first two decisions, extending his personal winning streak to nine games dating

back to 2016...Suffered first loss on 6/11 vs. Los Angeles (AL)...Struck out multiple batters in six straight games between 5/31 and 6/13; the second-longest such streak of his career (seven games in 2016 from 7/13 to 8/9...gave up a season-high six runs in 2.0ip on 7/26 at Philadelphia...Was optioned to Double-A Corpus Christi on 7/26, but did not appear in a game...Was recalled on 7/31 and was placed on the disabled list on 8/1 with right shoulder discomfort... Made rehab appearances with Corpus Christi on 8/22 and Quad Cities on 9/4...Missed 33 days while on the D.L. before being reinstated on 9/8...Finished his season with two scoreless outings and five strikeouts (2.0ip) after giving up five runs in 0.1ip on 9/9 at Oakland.

CAREER HIGHLIGHTS:

2016: Established a Houston club record for a rookie relief pitcher in strikeouts per 9.0 innings ratio (13.15), surpassing previous mark of 11.67 set by Billy Wagner in 1996...Fell two strikeouts shy of the club record for a rookie reliever held by RHP Brad Lidge (97 in 2003)...His 95 strikeouts ranked fifth among all A.L. relief pitchers behind RHP Dellin Betances (126), LHP Andrew Miller (123), RHP Ken Giles (102) and RHP Mychal Givens (96)...Finished tied for third among MLB relievers in wins; marked the most relief wins by an Astros pitcher since Mark Melancon had eight in 2011... Recorded at least three strikeouts in 15 relief outings, which tied him for the third-most in the Major Leagues...Went 6-0 with a 2.33 ERA (38.2ip/10er), 64 strikeouts and just three walks in 27 appearances at Minute Maid Park; marked the best single-season strikeout-to-walk ratio at home (21.33) in club history (min. 30.0ip)...Made his first career Opening Day roster...Pitched a career-high 4.1 innings in first outing on 4/6 at New York (AL) and surrendered six runs...Was optioned to Triple-A Fresno on 4/7 and was charged with seven runs in 3.1ip on 4/14 at Salt Lake...Also gave up two runs in 5.0ip on 4/20...Was recalled back to Houston on 4/25...Gave up four runs in his next big league appearance on 4/26 (1.0ip)...Was optioned to Fresno on 5/4, but did not appear in a Triple-A game before receiving his final recall on 5/6...Went 8-1 with a 3.47 ERA (59.2ip/23er) over his final 45 outings with Houston following those first two appearances (5.1ip/10r/9er)...Went 3-1 with a 0.54 ERA (16.2ip/1er), 26 strikeouts, one walk and a .074 (4-for-54) opponent batting average in 10 appearances during the month of May...Won his first Major League game on 5/11 vs. Cleveland...Pitched a career-high 12.1 scoreless innings between 5/20 and 6/6...Struck out career-high seven batters in 3.0ip on 7/2 vs. Chicago (AL); the first Astros reliever to whiff seven batters in a game since RHP Tim Redding on 9/8/01...Set club rookie records for WHIP (1.05) and strikeouts per 9.0ip (12.83) prior to the All-Star Break... His 57 strikeouts prior to the break marked the most by a Houston reliever since Brad Lidge recorded 58 in 2006.

MINOR LEAGUE HIGHLIGHTS:

2015: Went 7-4 with a 2.83 ERA (111.1ip/35er), 103 strikeouts and a .203 opponents batting average against in 23 minor league games (17 starts) while also spending three separate stints in the big league with Houston...Began season with Lancaster (Astros' High-A) after spending spring training with the big league team...Was promoted to Corpus Christi on 5/21 and made his Double-A debut in relief on 5/26; gave up one run in 4.0ip and earned his second professional save...Was recalled by Houston on 5/29 and pitched a scoreless inning in his Major League debut on 5/31 vs. Chicago (AL)...Was optioned back to Double-A on 6/1...Was recalled a second time on 6/28, but did not make an appearance with the Astros before being sent back to Corpus Christi on 7/1...Earned Texas League Pitcher-of-the-Week honors for the week of 8/3-9; tossed 13.0 scoreless frames and whiffed 13 batters in two starts during the week...Pitched at least 4.0 innings in all three relief appearances with Corpus Christi...Posted a 0.76 ERA (35.1ip/3er) in his final six Double-A games...Was recalled by Houston on 9/4

2014: Entered season ranked as the Astros No. 10 prospect by Baseball Prospectus, No. 9 by Baseball America and No. 10 prospect by ESPN.com...Spent entire season with Quad Cities and set minor league career high in strikeouts... Went 5-5 with a 3.46 ERA (88.lip/34er) in 19 starts and 3-1 with a 7.53 ERA (14.lip/12er) in six relief appearances... Was named Midwest League Pitcher-of-the-Week for the week of 8/4-10; went 2-0 with a 0.69 ERA (13.0ip/1er) and 14 strikeouts in two starts...Was selected to pitch for the World Team in the All-Star Futures Game on 7/13 at Target Field in Minneapolis...Pitched a career-high 8.0 innings on 8/5 vs. Burlington; did not allow a run on three hits while whiffing nine in the contest.

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GENERAL

MINOR LEAGUE HIGHLIGHTS (CONTINUED):

2013: Led New York-Penn League in ERA, ranked second in WHIP (0.96) and third in strikeouts while spending entire season with Tri-City...Gave up two runs or less in 13 of 14 total appearances and allowed just 10 extra-base hits in 69.0 innings of work...Was named to the mid-season All-Star team after posting a 1.39 ERA (45.lip/7er) and 50 strikeouts prior to the break..Pitched the final 4.0 innings (1r) of a 10-2 Tri-City win on 8/8 and earned his first professional save...Went 1-0 with a 1.42 ERA (12.2ip/1er) in two postseason starts to help Tri-City capture the NYPL Championship.

2012: Began season with the Gulf Coast League Astros... Was named the club's Pitcher-of-the-Month in July after

posting a 1.96 ERA (32.0ip/5er), 23 strikeouts and only four walks in four outings (two starts)...Was promoted to Rookie Level Greeneville and made his first appearance in the Appalachian League on 7/29...Picked up his win with Greeneville in his last appearance on 8/28 vs. Bluefield... Went 6-1 with a 3.06 ERA (64.2ip/22er) and 63 K's in 13 total games (nine starts) with the two teams.

2011: Spent entire season with the GCL Astros...Shared team lead in starts and ranked second in both innings pitched and strikeouts.

2010: Began professional career as an 18-year-old starting pitcher in the Dominican Summer League.

PERSONAL:

PERSONAL: Michael Lemos Feliz...Has one son; Yeder Michael (2).

LIF	ETIME PITC	HIN	3 STA	TIST	ric!	5												
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	В
2010	DSL Astros	0-1	4.26	3	3	0	0	0	12.2	9	7	6	1	1	3	13	1	(
2011	GCL Astros	0-3	4.32	12	10	0	0	0	50.0	53	35	24	2	1	21	44	1	(
2012	GCL Astros	5-0	1.64	7	3	0	0	0	38.1	25	8	7	2	1	9	35	1	(
	Greenville	1-1	5.13	6	6	0	0	0	26.1	28	16	15	1	0	14	28	1	
2013	Tri-City	4-2	* 1.96	14	10	0	0	1	69.0	53	19	15	2	3	13	78	4	(
2014	Quad Cities	8-6	4.03	25	19	0	0	0	102.2	104	53	46	6	5	37	111	7	(
2015	Lancaster	1-1	4.41	8	5	0	0	0	32.2	30	19	16	2	2	12	33	2	(
	Corpus Christi	6-3	2.17	15	12	0	0	1	78.2	52	19	19	5	0	20	70	3	
	Houston	0-0	7.88	5	0	0	0	0	8.0	9	7	7	2	1	4	7	0	
2016	Houston	8-1	4.43	47	0	0	0	0	65.0	55	33	32	10	0	22	95	6	•
	Fresno	1-0	9.72	2	2	0	0	0	8.1	8	9	9	1	0	7	7	0	(
2017	Houston	4-2	5.63	46	0	0	0	0	48.0	53	31	30	8	0	22	70	7	•
	Corpus Christi (#)	0-0	0.00	1	0	0	0	0	1.0	0	0	0	0	0	1	1	0	(
	Quad Cities (#) (1)	0-0	0.00	1	1	0	0	0	1.0	0	0	0	0	0	0	2	0	(
Minor	League Totals	26-17	3.36	94	71	0	0	2	420.2	362	185	157	22	13	137	422	20	:
Major	League Totals	12-3	5.13	98	0	0	0	0	121.0	117	71	69	20	1	48	172	13	

(#)Injury Rehab Assignment

(*)Led League

Signed by Houston as a non-drafted free agent on 5/19/10.

(1)Acquired by Pittsburgh from Houston, 1/13/18, along with infielder Colin Moran, pitcher Joe Musgrove and outfielder Jason Martin, in deal for pitcher Gerrit Cole.

MAJOR LEAGUE DEBUT

May 31, 2015 vs. Chicago (AL)

1ST MAJOR LEAGUE WIN

May 11, 2016 vs. Cleveland

LIFETIME FIELDING STATISTICS

PITCHER	PCT	G	GS	РО	A	E	TC	DP	TP
2015		5	0	0	0	0	0	0	0
2016	1.000	47	0	1	4	0	5	0	0
2017	.667	46	0	0	2	1	3	0	0
CAREER	.875	98	0	1	6	1	8	0	0

HITTING TOTALS

AVG AB R H 2B 3B HR RBI BB SAC 2017 .000 1 0 0 0 0 0 0 0 CAREER .000 1 0 0 0 0 0

FIRST M.L. HIT: No Major League Hits FIRST M.L. RBI: No Major League RBI

FELIZ HIGHLIGHTS

MOST STRIKEOUTS: 7 K's, 7/2/16 vs. Chicago (AL).

MOST INNINGS PITCHED: 4.1 IP, 4/6/16 at New York (AL).

MOST WALKS: 4 BB, 4/6/16 at New York (AL).

LONGEST SCORELESS INNINGS STREAK: 12.1 IP (5/20 to 6/6/16).

LONGEST WINNING STREAK: 7 games (5/24 to 8/31/16).

LONGEST LOSING STREAK: 1 game, 3 times (6/30/17, 6/11/17 & 5/14/16).

ISTORY



ADAM FRAZIER

OUTFIELDER/INFIELDER • #26

AGE: 26

BORN: 12/14/91 in Athens, GA

RESIDES: Nashville, TN HEIGHT/WEIGHT: 5-10/180

@A-Fraz12

BATS/THROWS: L/R

M.L. SERVICE: 1 year, 101 days

OBTAINED: Pittsburgh's 6th round selection

in the 2013 First-Year Player Draft

AWARDS & HONORS:

- 2015 Eastern League All-Star (mid-season).
- 2013 New York-Penn League All-Star (mid-season).

LAST SEASON:

2017 SEASON: Led all Grapefruit League players in runs (17) and hits (25) during spring training while finishing second with a .403 batting average... Was Pittsbrugh's most-used leadoff battter during the regular season (63 games and a 33-30 record in those starts)...Hit .304 (52for-171) in 54 games played after the All-Star break...Hit .355 (50-for-141) with runners on base and .326 (30-for-92) with RISP...His .415 average with runners in scoring position after the All-Star break was the fourth-highest total in MLB behind Baltimore's Tim Beckham (.439), Washington's Anthony Rendon (.421) and Washington's Daniel Murphy (.417)...Produced a .346 average in 38 day games...Made 44 starts in left field, 35 at second base, 10 in right field and one each at third base (4/9), shortstop (4/15) and in center field (5/25)...Went 8-for-21 (.381) with a walk, two HBP and two RBI as a pinch hitter... Was the Opening Day starter in left field and the leadoff batter...Started eight of the first 11 games at five different positions; left field, DH, second base, third base and shortstop...Was placed on the 10-day D.L. on 4/24 (retro to 4/23) with a left groin strain...Hit .400 (4-for-10) in three rehab games with Triple-A Indianapolis between 5/8-11 before being recalled from rehab and reinstated from the D.L. on 5/12...Played the final two innings in center field on 5/16 vs. Washington - his second career game there...Produced six straight multi-hit games in a stretch of six starts between 5/14-21, going 15-for-28 (.536) with two doubles, seven RBI and six runs scored... Homered, singled and walked four times on 5/24 at Atlanta, becoming the first Pirates player to reach base safely six times in a game since Neil Walker on 8/12/12...Made first Major League start in center field on 5/25 at Atlanta...Hit a pair of three-run homers in back-to-back games on 5/24-25...Collected first career walkoff hit on 7/16 vs. St. Louis; a two-out single off lefty Brett Cecil in the ninth inning that snapped a 3-3 tie...Fell a homer shy of hitting for the cycle on 8/10 at Detroit...His home run on 8/19 vs. St. Louis was his first long ball since 5/25...Left the game on 8/27 at Cincinnati with right hamstring discomfort (injured running to first base in his first at bat)...Was on the 10-day D.L. from 8/28 thru 9/8 with a right hamstring strain...Had his first inside-the-park home run on 9/9 at St. Louis...Connected off Milwaukee's Cory Knebel for first career walkoff homer on 9/20...Was Pittsburgh's recipient of the MLBPAA Heart and Hustle Award.

CAREER HIGHLIGHTS:

2016: Split season between Indianapolis and Pittsburgh... Began season with Indy, where he made 43 starts in left field, 13 in center field and eight at second base...Finished the month of April by hitting safely in seven-of-eight games from 4/22-30, going 14-for-29 (.483) with four multi-hit efforts...Batted .328 (21-for-64) in 18 games during the month of April...Hit safely in 20 of his 23 Triple-A games during the month of June (36-for-92, .391)...Was leading the International League in batting (.333) and hits (87) when he was selected by Pittsburgh on 6/24...Made Major League debut on 6/24 vs. Los Angeles (NL) and singled off lefty J.P. Howell in his first at bat; played the final four innings at second base...Entered game on 6/26 vs. Los Angeles in the second inning and played right field and left field while singling twice off lefty Clayton Kershaw; also had first Major League RBI in the game...Started the game on 7/17 at Washington at second base and produced three doubles in the 18-inning victory; his first two doubles came off starter Max Scherzer...Made his first of 16 starts from the leadoff spot on 7/21 vs. Milwaukee and went 1-for-4 with an RBI... Connected off Philadelphia's Edubray Ramos for a pinch-hit home run on 7/24 at PNC Park; his first Major League homer and the fourth of his professional career...Georgia native had two hits and two RBI while playing in front of family and friends on 8/2 at Atlanta...Had career-high four hits while starting in left field on 8/14 at Los Angeles (NL)...Produced a .300 average (33-for-110) and a .345 OBP in his 27 starts.. Made 13 starts at second base, 10 in left field, two in right field and two at third base; also made one appearances in center field on 9/26 vs. Chicago...Hit .333 (18-for-54) with runners on base and .333 (10-for-33) with runners in scoring position...Was hitting .351 following his three-hit game on 9/20 at Milwaukee; went 4-for-32 (.125) with two RBI in his last 11 big league games...Went 10-for-24 (.417) against lefthanded pitchers.

MINOR LEAGUE HIGHLIGHTS:

2015: Ranked second among all Pittsburgh minor leaguers in batting average while spending entire season with Double-A Altoona...Finished season with the top batting average among qualifying hitters in the Eastern League before the title was later awarded to Bowie's Trev Mancini based on Rule 9.22(a), which governs individul qualifications for league leadership in batting average, slugging percentage and on-base percentage; ended up ranked second in the league in hitting and third in OBP... Was named to the Eastern League mid-season All-Star team...Began season on the disabled list after breaking a finger during spring training...Was activated from the disabled list on 5/6...Went 3-for-5 while hitting his first

home run as a member of the Curve on 6/8 at Frie... Was hit by a pitch with the bases loaded to lift Altoona to a walkoff win vs. Harrisburg on 6/19...Hit .424 in June to raise average from .293 on 6/1 to .363 at the end of the month... Hit safely in 15 straight games from 6/28 to 7/16...Reached base safely six times on 8/22 at Bowie after going 4-for-4 with a pair of walks...Hit a home run leading off the first inning on 9/6 at Binghamton on the day Altoona clinched a playoff spot...Was named Altoona's Unsung Hero...Went 9-for-28 (.321) with a double, three triples, four RBI and six runs scored in seven games while playing for the Glendale Desert Dogs during the Arizona Fall League...Hit .318 (14for-44) with four doubles, a triple and eight RBI in 12 games

GENERA

MINOR LEAGUE HIGHLIGHTS (CONTINUED):

while playing for Team USA Premier12 team...Went 3-for-4 with an RBI and run scored in Team USA's win over Mexico on 11/20 at the Tokyo Dome.

2014: Spent entire season with Single-A Bradenton... Recorded first career four-hit game on 6/25 vs. Jupiter... Hit .355 (33-for-93) in 22 games during June...Hit first professional home run on 7/24 at Daytona Beach (did not homer in his three-year career at Mississippi State)...Led all Florida State League shortstops in double plays (84).

2013: Began professional career with Jamestown and was named to the New York-Penn League mid-season All-Star team...Ranked third in the league in hitting and second in on-base percentage...Hit safely in each of his first five games and produced a .354 (35-for-99) average in 25 games during the month of July...Hit safely in 14 straight games from 7/13-28...Hit .322 against LHP and .321 against

MISC: Entered 2018 season with a career average of .338 (27-for-80) against LHP...Has hit all eight of his big league home runs off RHP...Has produced a .354 (63-for-178) average in 61 career big league games played in the afternoon...Has tallied a .328 average (40-for-122) with runners in scoring position and a .349 average (68-for-195) with runners on base in his first two seasons in the Majors...Finished in the top three in batting average and onbase percentage in his respective league in two of his first three professional seasons...Has made 220 appearances at shortstop, 48 in left field, 46 in center field, 24 at second base and one at third base (5/25/15) during his minor league career.

PERSONAL:

PERSONAL: Adam Timothy Frazier...Is a 2010 graduate of Oconee County High School in Watkinsville, GA, where he was a four-year starter and honorable mention Louisville Slugger All-American...Was also a first-team all-state and all-region selection after leading his team to a 29-5 finish with a .524 batting average during his senior year...Set a Georgia state record with 53 career doubles during high school career...Earned all-state and all-region honors as a junior after hitting .510...Was also a three-time letter winner in basketball, where he set the school scoring record for freshmen with a 29-point game...Hit .352 (107-for-304) with 20 doubles, seven triples, 38 RBI and 62 runs in 71 games as a junior at Mississippi State University in 2013... Was a pre-season All American and semifinalist for the

Brooks Wallace Award Shorstop-of-the-Year Award in 2013...Was also named to the 2013 SEC All-Defensive team as a shortstop...Went 61 straight at bats at one point without striking out until doing so in the final game of the 2013 College World Series...Finished the 2013 season by leading the NCAA with 107 hits; also a Mississippi State single-season record (the previous record was 103 hits held by Brian Wiese in 1998)...Was the 2012 SEC Baseball Tournament MVP while also being named to the 2012 NCAA Tallahassee Region All-Tournament team...Ranked third in the SEC with a .371 batting average in 2012... Was signed by Pirates scout Darren Mazeroski...Participated in the team's annual caravan and PirateFest event in December 2016.

LIF	ETIME BA	TTIN	G S	TATI	STIC	S														
YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	ОВР	SLG	E
2013	Jamestown	.321	58	224	34	72	7	1	0	27	0	3	6	25	31	5	8	.399	.362	9
2014	Bradenton	.252	121	492	62	124	21	2	1	42	6	2	3	37	61	14	8	.307	.309	36
2015	Altoona	.324	103	377	59	122	21	4	2	30	9	0	3	34	42	11	7	.384	.416	18
2016	Indianapolis	.333	68	261	34	87	16	4	0	22	5	2	2	29	27	17	*15	.401	.425	4
	Pittsburgh	.301	66	146	21	44	8	1	2	11	0	1	1	12	26	4	1	.356	.411	6
2017	Pittsburgh	.276	121	406	55	112	20	6	6	53	1	3	8	36	57	9	5	.344	.399	10
	Indianapolis (#	.400	3	10	2	4	1	0	0	1	0	0	0	3	1	1	0	.538	.500	0
Minor	League Totals	.300	353	1364	191	409	66	11	3	122	20	7	14	128	162	48	38	.364	.371	67
Major	League Totals	.283	187	552	76	156	28	7	8	64	1	4	9	48	83	13	6	.347	.402	16

(#)Injury Rehab Assignment

(*)Led League

Selected by Pittsburgh in 2013 First-Year Player Draft (6th round).

IAJOR LEAGUE DEBUT

June 24, 2016 vs. Los Angeles (NL)

FIRST MAJOR	LEAGUE HR
DATE	PITCHE

July 24, 2016 vs. Philadelphia Edubray Ramos

WALKOFF HOMERS	(1)
DATE	PITCHER
Sent 20 2017 vs Milwaukee	Cory Knehel

ept. 20, 2017 vs. *Milwaukee......* Cory Knebel

FIRST MAJOR LEAGUE HIT

PITCHER DATE

June 24, 2016 vs. Los Angeles (NL)......J.P. Howell - 1B

PINCH HIT HOMERS (1) **PITCHER**

July 24, 2016 vs. Philadelphia Edubray Ramos

WALKOFFS (1)	
DATE	ACTION (INN.)
July 16, 2017 vs. St. Louis	Single (9th)

Sept. 20, 2017 vs. Milwaukee...... Home Run (9th)

INSID	F-THE	-PARI	(ном	FRS (1)

DATE

PITCHER

Sept. 9, 2017 at St. Louis...... John Brebbia

	Е		IM	ΕF	15		N	~	e.	ТΛ		CT	-1/	~ @
-	Е	Ц	1	F F	15	וט	N	U.	3	L	ш	31	ш	-3

SECOND BAS	SE PCT	G	GS	РО	Α	E	тс	DP	TP
2016	.938	17	13	15	30	3	48	7	0
2017	.951	42	35	69	85	8	162	21	0
CAREER	.948	59	48	84	115	11	210	28	0

LIFETIME FIELDING STATISTICS

THIRD BASE	PCT	G	GS	PO	A	E	TC	DP	TP	
2016	.900	5	2	1	8	1	10	2	0	
2017	1.000	1	1	0	4	0	4	0	0	
CARFER	.929	6	3	1	12	1	14	2	0	_

LIFETIME FIELDING STATISTICS

SHORTSTOP	PCT	G	GS	PO	A	E	TC	DP	TP	
2017	.800	1	1	2	2	1	5	0	0	
CARFER	.800	1	1	2	2	1	5	0	0	_

LIFETIME FIELDING STATISTICS

LEFT FIELD	PCT	G	GS	PO	A	E	TC	DP	TP	
2016	.944	20	10	17	0	1	18	0	0	
2017	.990	52	44	92	3	1	96	0	0	
CARFFR	.982	72	54	109	3	2	114	0	0	_

LIFETIME FIELDING STATISTICS

CENTER FIEL	D PCT	G	GS	PO	A	E	TC	DP	TP	
2016	1.000	1	0	1	0	0	1	0	0	
2017	1.000	4	1	3	0	0	3	0	0	
CARFER	1000	5	1	4	0	0	4	0	0	

LIFETIME FIELDING STATISTICS

RIGHT FIELD	DCT	_	ce	РО		E	тс	DP	TD
RIGHT FIELD	PCI	G	G5	РО	A	_	10	DP	IP
2016	.923	16	2	11	1	1	13	0	0
2017	1.000	15	10	19	0	0	19	0	0
CAREER	.969	31	12	30	1	1	32	0	0

FRAZIER HIGHLIGHTS

MOST HR/GAME: 1 HR (8 times), last on 9/20/17 vs. Milwaukee.

MOST HITS/GAME: 4 hits, 8/14/16 at Los Angeles (NL).

MOST RBI/GAME: 4 RBI (twice), 9/20/17 vs. Milwaukee & 5/18/17 vs. Washington.

MOST RUNS/GAME: 3 runs, 5/24/17 at Atlanta.

MOST STOLEN BASES/GAME: 2 SB (twice), 6/11/17 vs. Miami & 7/2/16 at Oakland.

LONGEST HITTING STREAK: 2017: 7 games Career: 7 games (2017).

DAVID FREESE

INFIELDER • #23

AGE: 34 (turns 35 on April 28) BORN: 4/28/83 in Corpus Christi, TX

RESIDES: Austin, TX

HEIGHT/WEIGHT: 6-2/220 @david23freese

BATS/THROWS: R/R

M.L. SERVICE: 8 years, 28 days

OBTAINED: Signed as a free agent on 3/11/16



AWARDS & HONORS:

- · 2012 National League All-Star.
- 2011 N.L.C.S. and World Series MVP.

- 2010 National League Player-of-the-Week (April 26-May 2).
- 2007 California League All-Star (mid-season & post-season).

AST SEASON:

2017 SEASON: Established a career high in walks and his .368 on-base percentage was the second-highest single-season total of his career (.372 in 2012)...Was Pittsburgh's most-used third baseman (116 games/114 starts)...Also made three appearances/ two starts (4/16 and 4/23) at first base...Hit .315 (34-for-108) with runners in scoring position; collected 13 hits in his last 29 at bats with RISP, dating back to 8/13...Was the Opening Day starter at third base for the second straight season... Was leading the Majors with a .576 OBP on 4/15...Was on the 10-day D.L. from 4/26 thru 5/11 with a right hamstring strain...Hit .321 (18-for-56) with 10 RBI in 18 games during the month of April...Accounted for the lone RBI in Pittsburgh's 1-0 win on 5/21 vs. Philadelphia; was hit by a pitch with the bases loaded, marking the first time since 1915 that the Pirates won a 1-0 game that way...Was ejected by home plate umpire Phil Cuzzi for discussing balls and strikes on 5/22 at Atlanta (second career ejection)...Joined Jose Osuna and Jordy Mercer with back-to-back-to-back home runs in the 10th inning on 5/24 at Atlanta...Hit his final homer on the road on 7/23 at Colorado...Collected his 900th career hit on 9/15 at Cincinnati... Hit .282 (6-for-213) in 62 games after the All-Star break...Was one of three finalists for the Rawlings Gold Glove Award at third base (Colorado's Nolan Arenado won).

CAREER HIGHLIGHTS:

2016: Was signed by the Pirates as a free agent on 3/11...Played in 141 games; three shy of his career high, set with St. Louis in 2012...Made 71 starts at third base and 34 at first base; also made two appearances at second base (5/3 and 6/16)...The Pirates went 59-45-1 in his 105 starts...Ranked seventh among National League leaders with a .337 average against left-handed pitchers...Also ranked fifth in the N.L. with a .364 average in interleague play...Was the club's Opening Day starter at third base; went 2-for-4 while batting third in his first game against his former club on 4/3 vs. St. Louis...Had first career three-double game on 4/24 at Arizona...Made his first career appearance at second base on 5/3 vs. Chicago (NL); did not have a chance while playing the final four innings there... Made his 10th career appearance and second career start at first base on 5/11 at Cincinnati; his first start there since July 2, 2011 at Tampa Bay as a member of the Cardinals...Also served as the leadoff batter on 5/11 - his sixth career start as the leadoff batter, and his first since June 12, 2010 at Arizona...Tied career high (third time) with four hits on 5/30 at Miami...Left the game on 6/2 at Miami after being hit by a pitch (right hand)...Played in his 800th career game on 7/10 vs. Chicago... Tied career high (sixth time) with three runs on 8/9 vs. San Diego...Agreed to terms on a three-year contract extension (thru 2019) on 8/22...Connected off Chicago's Hector Rondon for second career pinch-hit homer on 9/26...Was the Pirates recipient of the Heart & Hustle award, presented to the player on each team who plays with a passion for baseball and maintains the values, spirit and traditions of the game.

2015: Spent second and final season with Los Angeles (AL)... Collected at least 25 doubles for the fourth straight season, joining Pablo Sandoval, Kyle Seager and Adrian Beltre as one of four third basemen to tally 25 doubles every season between 2012-15...Became the first Angels third baseman to hit more than 10 home runs since Troy Glaus in 2003...Became the third Angels third baseman in club history to post back-to-back seasons of 25 doubles and 10 home runs, joining Troy Glaus (1999-2001) and Carney Lansford (1979-80)...Made 113 appearances (112 starts) at third base...Was hit by a pitch a career-high 12 times (tied for ninth in the American League)...Was placed on the 15-day disabled list on 7/23 with a fractured right index finger...Was activated from the disabled list on 9/1...Hit .308 (33-for-107) with 10 doubles and three home runs in his final 31 games after returning from the D.L.

2014: Spent first season with the Angels after playing his entire big league career with St. Louis...Made 122 appearances (119) starts) at third base...Hit .279 (109-for-391) over his final 114 contests (his .279 average in that time ranked third among American League third basemen)...Left the game on 5/2 vs. Texas with a small non-displaced fracture in his right middle finger (missed 16 games with the injury)...Hit safely in 11 straight games from 8/3-15...Connected off Anthony Bass for his first career pinch-hit home run on 7/5 vs. Houston.

2013: Spent fifth and final season with the Cardinals... Established career high in doubles...Became the first St. Louis third baseman with back-to-back seasons of 25 or more doubles since Scott Rolen in 2003 and 2004...Hit safely in a career-high 20 straight games from 5/17 to 6/11; hit .382 (29-for-76) with three home runs and 16 RBI during the streak.

2012: Was named to the National League All-Star team... Established career highs in games, hits, runs, home runs and RBI...Homered twice and tied career high with six RBI on 6/7 at Houston...Hit .294 prior to the All-Star break with 13 home runs and 51 RBI...Went O-for-1 in the All-Star Game after entering the game as a defensive replacement at first base in the fifth inning... Led the Majors with a .458 average (33-for-72) and .562 OBP during the month of July; became the first Cardinals player to bat .450 or higher in a month (minimum 50 at bats) since Terry Pendleton in July of 1984.

2011: Took home both National League Championship Series and World Series MVP honors for the world-champion Cardinals... Was hitting .356 (31-for-87) thru his first 25 games of the season before being hit by a pitch on 5/1 in Atlanta and fracturing his left hand...Missed the next 51 games; was ranked ninth in the National League in batting average at the time of his injury... Made first career start at first base on 7/2 at Tampa Bay...Missed three games with a concussion after being hit in the head by a pitch on 8/4 at Florida...Hit .397 (25-for-63) with five home runs and 21 RBI in 18 postseason games during St. Louis' World Series run...Became just the sixth player ever and the second Cardinal (also Darrell Porter in 1982) to be tabbed as both the N.L.C.S. and World Series MVP...Became the ninth third baseman to be named the World Series MVP...His 21 RBI during the postseason are an all-time single-season high...Tied the postseason record with 25 hits, joining Marguis Grissom (1995 with Atlanta) and Darin

Erstad (2002 with Anaheim) while his 50 total bases set a postseason record...His .397 postseason average was the second-highest mark in Cardinals history, trailing only Albert Pujols' .414 clip in 2004 and his eight doubles matched teammate Albert Pujols from 2011 for the single postseason mark...Tied Game Six of the World Series with a two-out, two-RBI triple before connecting for a walkoff home run in the bottom of the 11th inning (was the 15th walkoff homer in World Series history).

2010: Was St. Louis' starting third baseman on Opening Day...Was limited to 70 games due to a right ankle injury...

Suffered the ankle injury on 6/27 and missed remainder of the season...Ranked sixth among National League rookies in batting



David spends time with veterans at the local VA during Clemente Day event in 2017.

average and third in on-base percentage...
Was named the National League Playerof-the-Week for the week of 4/26-5/2
after batting .462 with three home runs.

2009: Was a member of St. Louis' Opening Day roster for the first time in his career...Made big league debut on 4/6 vs. Pittsburgh, entering the game in the seventh inning at third base; finished the 4/6 contest with an RBI and a sacrifice fly... Recorded first big league hit (single) off Pittsburgh's Zach Duke on 4/8...Hit first career home run on 9/29 at Cincinnati off Ramon Ramirez...Made first and only career appearance at catcher on 10/4 vs.

Milwaukee; went behind the plate for the final inning.

MINOR LEAGUE HIGHLIGHTS:

2009: Was ranked by Baseball America as St. Louis' fifthbest prospect...Hit a combined .313 (71-for-227) in 64 games between Memphis (Cardinals' Triple-A), the GCL Cardinals and Springfield (Cardinals' Double-A).

2008: Spent entire season with Memphis...Played in the Venezuelan Winter League following the season.

2007: Spent entire season with Lake Elsinore (Padres' Single-A) while being named a California League mid- and

post-season All-Star...Ranked third in the California League in runs scored and walks...Was acquired by St. Louis on 12/15 in exchange for outfielder Jim Edmonds.

2006: Began professional career with short-season Eugene (Padres' Single-A) after being selected by San Diego in the ninth round of the draft earlier in the summer...Finished campaign with Single-A Fort Wayne of the Midwest League.

PERSONAL:

PERSONAL: David Richard Freese (pronounced "FREEZE")... Wife's name is Mairin...Has one son; Kai Patrick (11/16/17)... Is a 2001 graduate of Lafayette High School in Wildwood, Missouri, where he was named a first-team all-conference,

all-metro and all-state as a senior...Played collegiately at Meramec (MO) Community College before transferring to the University of South Alabama...Was named the Sunbelt Conference Player-of-the-Year in 2006.

LIF	ETIME BA	TTI	NG :	STAT	ISTI	CS														
YEAR	CLUB	AVG	G	АВ	R	н	2B	3B	HR	RBI	SH	SF	HP	вв	so	SB	cs	ОВР	SLG	E
2006	Eugene	.379	18	58	19	22	8	0	5	26	0	2	4	7	12	0	0	.465	.776	2
	Fort Wayne	.299	53	204	27	61	13	3	8	44	0	1	4	21	44	1	1	.374	.510	5
2007	Lake Elsinore (1)	.302	128	503	104	152	31	6	17	96	0	4	16	69	99	6	1	.400	.489	13
2008	Memphis	.306	131	464	83	142	29	3	26	91	0	4	3	39	111	5	2	.361	.550	10
2009	St. Louis	.323	17	31	3	10	2	0	1	7	0	1	0	2	7	0	0	.353	.484	0
	Memphis (&)	.300	56	200	34	60	15	0	10	37	0	2	1	22	51	1	0	.369	.525	6
	GCL Cardinals (#)	.455	4	11	2	5	2	0	1	6	0	0	0	1	3	0	0	.500	.909	1
	Springfield (#)	.375	4	16	3	6	1	0	1	5	0	0	0	2	2	0	0	.444	.625	3
2010	St. Louis	.296	70	240	28	71	12	1	4	36	4	1	4	21	59	1	1	.361	.404	9
	Springfield (#)	.500	1	2	0	1	0	0	0	0	0	0	0	1	1	0	0	.667	1.000	0
2011	St. Louis	.297	97	333	41	99	16	1	10	55	0	2	4	24	75	1	0	.350	.441	12
	Memphis (#)	.231	4	13	1	3	1	0	0	1	0	0	0	1	3	0	0	.286	.308	0
2012	St. Louis	.293	144	501	70	147	25	1	20	79	0	2	7	57	122	3	3	.372	.467	18
2013	St. Louis (2)	.262	138	462	53	121	26	1	9	60	0	3	9	47	106	1	2	.340	.381	11
	Memphis (#)	.333	3	12	2	4	2	0	0	4	0	0	0	1	2	0	0	.385	.500	0
2014	Los Angeles-AL	.260	134	462	53	120	25	1	10	55	0	5	6	38	124	1	3	.321	.383	8
	Salt Lake (#)	.200	3	10	4	2	0	0	2	4	0	0	0	4	1	0	0	.429	.800	0
2015	Los Angeles-AL (3)	.257	121	424	53	109	27	0	14	56	0	3	12	31	107	1	1	.323	.420	8
	Salt Lake (#)	.286	7	21	2	6	0	0	1	6	0	0	1	3	4	0	0	.400	.429	0
2016	Pittsburgh	.270	141	437	63	118	23	0	13	55	0	0	10	45	142	0	0	.352	.412	11
2017	Pittsburgh	.263	130	426	44	112	16	0	10	52	0	4	15	58	116	0	1	.368	.371	12
Minor	League Totals	.306	412	1514	281	464	103	12	71	320	0	3	12	171	333	13	4	.384	.531	40
N.L. T	otals	.279	737	2430	302	678	120	4	67	344	4	13	49	254	627	6	7	.357	.414	73
A.L. T	otals	.258	255	886	106	229	52	1	24	111	0	8	18	69	231	2	4	.322	.401	16
Major	League Totals	.274	992	3316	408	907	172	5	91	455	4	21	67	323	858	8	11	.348	.411	89

(#)Injury Rehab Assignment

(&)Statistics include time spent on Rehab Assignment

Selected by San Diego in 2006 First-Year Player Draft (9th round). (1)Acquired by St. Louis from San Diego, 12/14/07, in deal for outfielder Jim Edmonds.

(2)Acquired by Los Angeles (AL) from St. Louis, 11/22/13, along with pitcher Fernando Salas, in deal for outfielders Randal Grichuk and Peter Bourjos.

(3)Granted free agency on 11/2/15...Signed by Pittsburgh as a free agent on 3/11/16

HP BB so

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SB cs E

ALL	-STAR G	AME	ST	ATI:	STI	CS												
YEAR	SITE	AVG	G	АВ	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	CS OBP SLG	E
2012	Kansas City	.000	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0 .000 .000	0
All-Sta	r Game Totals	.000	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0 .000 .000	0
WIL	D CARD	GAM	E S	STA'	TIS'	TIC	S					1, 7, 11						

RBI SH SF

> 1 0 1

Wild C	ard Game Totals	.0	00	1	2	0	0	0	0	0	1	0	1 (0	1	0	0	0
DIV	ISION SERI	IES S'	TAT	IST	ICS													
YEAR	CLUB/OPP	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	E
2011	Stl. vs. Phi.	.278	5	18	1	5	2	0	1	5	0	0	0	0	9	0	0	1
2012	Stl. vs. Was.	.421	5	19	3	8	3	0	0	1	0	0	0	3	5	0	1	1
2013	Stl. vs. Pit.	.188	5	16	1	3	0	0	1	4	0	0	0	2	4	0	0	1
2014	LAA vs. KC	.125	3	8	1	1	0	0	1	1	0	0	1	2	4	0	0	0
Divisio	n Series Totals	.279	18	64	6	17	5	0	3	11	0	0	1	7	22	0	1	3

LEA	GUE CHA	MPION	IS F	IIP S	ER	IES	ST/	ATIS	TIC	5								
YEAR	CLUB/OPP	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	E
2011	Stl. vs. Mil.	.545	6	22	7	12	3	0	3	9	0	0	1	2	2	0	0	0
2012	Stl. vs. SF	.192	7	26	2	5	2	0	1	2	0	0	0	1	7	0	0	0
2013	Stl. vs. LA	.190	6	21	2	4	1	0	0	0	0	0	0	1	5	0	0	0
L.C.S. 1	Fotals	.304	19	69	11	48	6	0	4	11	0	0	1	4	14	0	0	0

WO	RLD SERII	ES SEF	RE	S ST	ATI	STI	CS											
YEAR	CLUB/OPP	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	E
2011	Stl. vs. Tex.	.348	7	23	4	8	3	1	1	7	0	0	0	5	3	0	0	1
2013	Stl. vs. Bos.	.158	6	19	0	3	1	0	0	0	0	0	0	3	7	0	0	1
World	Series Totals	.262	13	42	4	11	4	1	1	7	0	0	0	8	10	0	0	2

MAJOR LEAGUE DEBUT

April 6, 2009 vs. Pittsburgh

FIRST MAJOR LEAGUE HIT DATE

Sept. 26, 2016 vs. Chicago (NL)

PITCHER April 8, 2009 vs. St. Louis......Zach Duke

FIRST MAJOR I	LEAGUE HR
DATE	PITCHER

AVG

.000

G AB R н **2B 3B** HR

1

2 0 0 0 0 0

YEAR

2012

CLUB/OPP

Stl. vs. Atl.

Sept. 29, 2009 at Cincinnati......Ramon Ramirez

PINCH HIT HOMERS (2)
DATE	PITCHER
July 5, 2014 vs. Houston	Anthony Bass

Hector Rondon

WALKOFFS (1) **ACTION (INN.)** Sept. 26, 2015 vs. Seattle.....Home Run (9th)

WALKOFF HOMERS	5 (1)
DATE	PITCHER
6 1 06 0015 0 111	

Sept. 26, 2015 vs. Seattle...... Danny Farquhar

GRAND SLAMS (2)
DATE	PITCHER
June 7, 2012 at Houston	Wesley Wright

HISTORY

LIFETIME FIELDING STATISTICS									
THIRD BASE	PCT	G	GS	РО	A	E	тс	DP	TP
2009	1.000	7	5	6	5	0	11	1	0
2010	.950	66	64	31	139	9	179	22	0
2011	.941	88	87	33	159	12	204	23	0
2012	.949	134	132	77	259	18	354	29	0
2013	.957	132	129	55	190	11	256	21	0
2014	.966	122	119	67	162	8	237	18	0
2015	.967	113	112	54	179	8	241	13	0
2016	.961	78	71	40	157	8	205	17	0
2017	.960	116	114	66	222	12	300	29	0
CAREER	.957	856	833	429	1472	86	1987	173	0

LIFETIME FIELDING STATISTICS									
FIRST BASE	PCT	G	GS	РО	Α	E	тс	DP	TP
2009	1.000	3	0	7	0	0	7	1	0
2010	1.000	1	0	3	0	0	3	0	0
2011	1.000	5	1	8	0	0	8	2	0
2016	.992	58	34	344	31	3	378	42	0
2017	1.000	3	2	13	1	0	14	3	0
CAREER	.993	70	37	375	32	3	410	48	0

LIFETIME FIELDING STATISTICS										
CATCHER	PCT	G	GS	РО	A	E	TC	DP	TP	
2009	1.000	1	0	1	0	0	1	0	0	
CAREER	1.000	1	0	1	0	0	1	0	0	-

LIFETIME FIELDING STATISTICS									
SECOND BA	SE PCT	G	GS	РО	Α	E	тс	DP	TP
2016		2	0	0	0	0	0	0	0
CARFER		2	0	0	0	0	0	0	0

FREESE HIGHLIGHTS

MOST HR/GAME: 2 HR, 6/7/12 vs. Houston.

MOST HITS/GAME: 4 hits (3 times), 5/30/16 at Miami, 7/31/14 at Baltimore & 6/4/13 vs. Arizona.

MOST RBI/GAME: 6 RBI (twice), 6/7/12 at Houston & 4/29/10 vs. Atlanta. MOST RUNS/GAME: 3 runs (6 times), last on 8/9/16 vs. San Diego. LONGEST HITTING STREAK: 2017: 7 games Career: 20 games (2013).

LARGEST MARGIN OF VICTORY

THE LAST TIME THE PIRATES WON A GAME BY AS MANY AS...

RUNS	DATE	OPPONENT	SCORE
10+ (12)	September 4, 2017	vs. Chicago Cubs	WON 12-0
13	September 15, 2016	at Philadelphia Phillies	WON 15-2
14	August 1, 2007	vs. St. Louis Cardinals	WON 15-1
15+ (16)	June 11, 2005	vs. Tampa Bay Devil Rays	WON 18-2
17	September 26, 1992	vs. New York Mets	WON 19-2
18	August 21, 1968	at Cincinnati Reds	WON 19-1
19	August 3, 1961	at St. Louis Cardinals	WON 19-0
20+ (22)	Sentember 16, 1975	at Chicago Cubs	WON 22-0

HISTORY

TYLER GLASNOW

RIGHT-HANDED PITCHER • #24

AGE: 24 (turns 25 on August 23) **BORN:** 8/23/93 in Newhall, CA

RESIDES: Newhall, CA HEIGHT/WEIGHT: 6-8/220

@TGlasnow

BATS/THROWS: L/R M.L. SERVICE: 158 days

OBTAINED: Pittsburgh's 5th round selection

in 2011 First-Year Player Draft



AWARDS & HONORS:

- 2016 International League All-Star (mid-season).
- Two-time recipient of MLBPipeline.com Pitcher-of-the-Year Award (2016 & 2014).
- Pittsburgh's Minor League Pitcher-of-the-Year in 2014.
- 2014 MiLB.com Starting Pitcher-of-the-Year.
- 2014 Florida State League Pitcher-of-the-Year.
 - 2014 Florida State League All-Star (post-season).
 - Pittsburgh's Minor League Pitcher-of-the-Year in 2013.
 - 2013 South Atlantic League All-Star (mid-season & post-season).

LAST SEASON:

2017 SEASON: Was a member of Pittsburgh's Opening Day roster for the first time in his career...Made his first start in team's sixth game on 4/10 and suffered a loss to the Reds at PNC Park: walked five batters and gave up five runs in 1.2ip...Allowed six runs (four earned) and struck out a career-high seven batters in 5.0ip on 4/15 at Chicago (NL)...Trailed 3-0 after facing three batters, but rebounded to record his first Major League win (6.0ip/3er) on 5/2 at Cincinnati; also singled, walked twice and had three RBI at the plate...Became the first Pittsburgh pitcher since Al McBean in 1967 to record two walks and three RBI in the same game...Pitched a career-high 6.1 innings and gave up four runs (three earned) in a 6-2 loss vs. Milwaukee on 5/7...Won his second big league game on 5/18 vs. Washington (5.0ip/4r/2er)... Went 3-for-3 at the plate while giving up two runs in 6.0ip in a no-decision on 5/23 at Atlanta...Served as a pinch-runner on 5/29 vs. Arizona and again on 5/31 vs. Arizona...Surrendered three home runs and lost a 4-2 decision on 6/2 at New York (NL)... Was optioned to Triple-A Indianapolis on 6/10...Picked up the win in his first start with Indy on 6/15 at Norfolk (game 1); gave up two hits and one run, while walking four batters and striking out eight in 6.0ip...Whiffed 11 batters in 5.0ip of a no-decision on 6/20 vs. Toledo (5.0ip/2er)...Struck out 12 batters and gave up just two hits and no runs in 7.0ip on 6/26 vs. Durham (nodecision)...Won his second game while striking out 11 batters and giving up two runs in 5.2ip on 7/1 vs. Louisville...Went 2-0 with a 1.90 FRA (23.2ip/5er) and 42 strikeouts in his first four starts with Indy thru 7/1...Pitched 7.0 scoreless innings and did not walk a batter while winning a 6-0 decision vs. Louisville on 7/14; he also led off the bottom of the third inning with a triple...Was named International League Pitcher-of-the Week for the week of 7/24-30 after going 1-0 with a 1.35 ERA (13.1ip/2er) and 19 strikeouts in two starts...Tied career high with 12 K's on 7/30 vs. Pawtucket... His 140 strikeouts with Indy ranked third in the International



during teams annual Care-a-van.

League and were the most by a Tribe pitcher since 1989 when Mark Gardner struck out 175 batters...Racked up 140 whiffs in 93.1 innings pitched since joining the Tribe on 6/15, the highest number of Ks since that date in Minor League Baseball...His strikeout total -- despite missing the first two months of the Triple-A season due to being in Pittsburgh's rotation -- ranked third in the IL behind Durham's Ryan Yarbrough (159) and Brent Honeywell (152)...Suffered 2-0 loss (6.0ip/2h/1r/2bb/9so) in Game Two of playoffs on 9/7 at Durham...Was recalled by Pittsburgh on 9/10... Suffered loss in his start on 9/13 at Milwaukee...Made two relief appearances to finish the season (5.0ip/2h/3er/9bb/3so).

CAREER HIGHLIGHTS:

2016: Was named the Top Pitching Prospect in the International League by MLBPipeline.com at the completion of the season (second time in three years)...Tied for fifth in the league in strikeouts (133) and ranked fourth in walks (62)...Ranked first among Pittsburgh farmhands in ERA (1.93) and strikeouts (144)... Began season with Indianapolis...Gave up three hits and one run in his first start on 4/10 at Columbus; suffered a 1-0 loss...Struck out 11 batters and gave up just two hits in 6.0ip while winning first decision on 4/26 at Durham...Was named the International League Pitcher-of-the-Week for the period of April 25-May 1 after tossing 11.0 scoreless innings and striking out 18 batters while winning his two starts...Struck out a season high-tying 11 batters and tossed 7.0 scoreless innings in a no-decision on 5/7 vs. Louisville...Did not allow a run in three consecutive starts (18.0ip) between 4/26 and 5/7...Won three straight starts and posted a 1.65 ERA (16.1ip/3er) between 5/27 and 6/6...Struck out nine batters and allowed just two hits and no runs, but walked five batters and threw 95 pitches in 4.2 innings on 6/11 vs. Syracuse...Pitched 6.0 no-hit innings on 6/17 at Charlotte (six walks) and 7.0 no-hit innings on 6/22 at Gwinnett (five walks), but received no-decisions in both starts... Was selected to the International mid-season All-Star team...Was leading the International League in strikeouts (113) and was third in ERA (1.78) at the time of his first recall to Pittsburgh on 7/7...Made his Major League debut on 7/7 at St. Louis; opposed Adam

Wainwright and lost a 5-1 decision (5.1ip/3h/4r/4er/2bb/5so)... Also singled off Wainwright in his second at bat for first big league hit... Was optioned back to Indianapolis on 7/8 during the All-Star break...Gave up just two hits in 6.0ip, but allowed three runs and suffered a loss on 7/18 vs. Lehigh Valley...Was recalled by Pittsburgh a second time on 7/23 and made his second big league start that afternoon vs. Philadelphia; left the game in the fourth inning with right shoulder discomfort. Was placed on the 15-day disabled list on 7/24...Threw a 50-pitch simulated game at PNC Park on 8/9...Made rehab start with Double-A Altoona on 8/14 (3.0ip/2h/2r/2er/3bb/5so - 55 pitches)...Made his second rehab start with Altoona on 8/22 at Harrisburg (3.0ip/0r - 57 pitches)...Had his rehab transferred to Indianapolis on 8/26; made rehab start on 8/27 at Toledo (3.0ip/Or - 58 pitches)... Was recalled from his rehab assignment, reinstated from the D.L. and optioned to Indianapolis on 8/28...Was victorious in his final Triple-A start on 9/1 vs. Louisville (5.2ip/1er)...Was recalled by Pittsburgh a third and final time on 9/6...Made three straight relief appearances (7.0ip/2er) between 9/11-18...Tossed 3.0 scoreless innings of relief on 9/18 at Cincinnati...Received a no-decision in his start on 9/25 vs. Washington (3.0ip/4r/3er)... Made his final start with the Pirates on 9/30 at St. Louis: surrendered just one hit (a solo homer to Jedd Gyorko in the third inning) in 5.0ip and suffered the loss.

MINOR LEAGUE HIGHLIGHTS:

2015: Entered season as Pittsburgh's top prospect according to Baseball America and MLB.com...Also rated by Baseball America as having the "Best Fastball" among Pirates minor leaguers...Went 7-5 with a 2.39 ERA (109.1ip/29er) and 136 strikeouts in 22 total starts...Ranked first among Pirates farmhands in K's...Began season with Altoona and went 2-0 with a 0.81 ERA (22.2ip/2er) in his first four starts thru 5/1...Left the game on 5/6 with right ankle discomfort after sliding into second base in the third inning...Was placed on the disabled list with a right ankle sprain on 5/20 (retro to 5/18)...Made first rehab start in the first-ever game for the West Virginia Black Bears in Morgantown on 6/19...Made second rehab start on 6/24... Returned to Altoona on 6/29...Gave up one hit in 6.0 scoreless innings on 7/10 vs. Bowie and three hits in 7.0 scoreless frames in his following start on 7/16 at Richmond... Struck out a season-high 12 batters in his final start with Altoona on 7/26 at Akron...Received a no-decision in his Triple-A debut on 8/1 vs. Charlotte (5.1ip/4r/1er)...Picked up his first victory with Indianapolis on 8/22 at Charlotte after pitching 6.1 scoreless innings...Allowed just one hit while tossing 6.0 shutout innings in a no-decision on 8/27 at Louisville...Walked five batters and gave up six runs in 0.1ip and suffered lone loss with Indy on 9/1 at Columbus... Was victorious in his last regular season start on 9/6 at Louisville. Was charged with one earned run or less in seven of his eight Triple-A starts and in 15 of his 22 starts overall...Went 0-0 with a 3.86 ERA (11.2ip/6r/5er) and 13 strikeouts in two postseason starts.

2014: Was named Pittsburgh's Minor League Pitcherof-the-Year for the second straight season...Was also named the Florida State League Pitcher-of-the-Year (his teammate Josh Bell was named the league's Player-ofthe-Year)...Led all Pittsburgh minor leaguers in ERA and strikeouts and finished second in wins...Was named the Starting Pitcher-of-the-Year by the staff of MiLB.com... Led all of minor league baseball in batting average against (.174), ranked third in ERA and tied for eighth in strikeouts... Was named a Florida State League post-season All-Star... Ranked first in the Florida State League in ERA, batting average against and WHIP (1.05), second in strikeouts and strikeouts per 9.0ip among starters (11.36), tied for third in wins and first among starters in fewest baserunners per 9.0 innings pitched (9.70) Entered season ranked by Baseball America as Pittsburgh's third-best prospect and as having the "Best Fastball" in the system...Surrendered just three home runs all season, but none at McKechnie Field in 63.1 innings of work; went 7-1 with a 0.85 ERA (63.lip/6er) in 11 starts at home...Recorded double digit strikeouts in five games...Led all of minor league baseball in strikeouts from the time of his debut on 4/25 to the end of the season... Struck out a season-high 12 batters over 5.2 scoreless innings while earning his first win on 5/28 at Tampa Bay... Established a Marauders record with a 26.2 scoreless innings streak from 5/22 to 6/24...Took home Florida State League Pitcher-of-the-Week honors in back-to-back weeks (8/4-10 and 8/11-17)...Did not allow a run in 10 of his 23 starts...Went 1-2 with a 3.72 ERA (19.lip/8er) and 20 strikeouts while pitching for Scottsdale in the Arizona Fall League.

2013: Was named Pittsburgh's Minor League Pitcher-of-the-Year while spending entire season with Single-A West Virginia...Was named to the South Atlantic League mid-and post-season All-Star teams...Ranked first in the South Atlantic League and fourth in all of minor league baseball in strikeouts...Struck out a career-high 13 batters on 8/22 at Charleston...Tossed 11.0 consecutive hitless innings to end the regular season...Established club record for strikeouts, breaking Will Oman's previous mark of 134 in 2006... Recorded the most strikeouts by a Pirates minor league player since Tom Gorzelanny whiffed 167 batters in 2004... Ranked second among Pittsburgh farmhands in ERA.

2012: Made his professional debut with the GCL Pirates after being selected by Pittsburgh in the fifth round of the 2011 First-Year Player Draft...Was charged with a total of just two earned runs in his final eight appearances (seven starts), which spanned 25.2 innings...Made only career relief appearance (2.0ip) on 7/19 vs. the GCL Phillies...Was ranked by Baseball America as the ninth-best prospect in the GCL following the season.

MISC: Has produced the lowest ERA (1.99) among all minor league pitchers over the last four seasons (minimum: 350.0ip)... Has recorded a total of 30 double-digit strikeout performances during his minor league career...His 273 strikeouts over the last two seasons (2016-17) with Indianapolis are the thirdmost in a two-year span in the last 60 years, trailing only Dave DeBusschere (302, 1964-65) and Franklin Kreutzer (278, 1962-63)...Entered 2017 season ranked ninth among the Top 100 prospects in baseball, according to MLBPipeline.com...Began the 2016 campaign ranked by Baseball America and MLB.com as Pittsburgh's top prospect.

PERSONAL:

PERSONAL: Tyler Allen Glasnow (pronounced GLASS-now)...Is a 2011 graduate of Hart High School in Newhall, CA, where he earned Foothill League Pitcher-of-the-Year honors as a senior after going 8-2 with a 1.25 ERA and 99 strikeouts in 67.0 innings pitched...Wears a size 16 shoe...His older brother Ted was a decathlete at Notre Dame in 2014 and is currently training for

the Olympics...His mother Donna is a gymnastics coach at Cal State-Northridge...Is a product of the same High School that produced James Shields, along with 2011 third overall selection Trevor Bauer and former Bucco pitcher and current broadcaster Bob Walk...Signed by Pirates scout Rick Allen.

NO-HITTERS BY PITTSBURGH PITCHERS

DATE	BY	OPPONENT	SITE	SCORE	
9/20/1907	Nick Maddox	Brooklyn	Pittsburgh	2-1	
5/6/1951	Cliff Chambers	Boston	Boston	3-0	
5/26/1959	Harvey Haddix	Milwaukee	Milwaukee	*O-1	
9/20/1969	Bob Moose	New York	New York	4-0	
6/12/1970 (game 1)	Dock Ellis	San Diego	San Diego	2-0	
8/9/1976	John Candelaria	Los Angeles	Pittsburgh	2-0	
7/12/1997	Francisco Cordova (9.0) Ricardo Rincon (1.0)	Houston	Pittsburgh	**3-0	

^{* 12} perfect innings, lost no-hit bid and game in 13th inning

NOTE: Major League Baseball announced on 9/4/91, in accordance with the Committee for Statistical Accuracy, that the definition of a no-hit game is "one in which a pitcher - or pitchers - completes a game of nine innings or more without allowing a hit."...All other games, such as Haddix' and the combined no-no, are "notable achievements" and will be listed separately.

^{** 10} innings - only combined extra-inning no-hitter in M.L. history

LIF	ETIME PITC	HING	STA	TIST	rics	5												
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2012	GCL Pirates	0-3	2.10	11	10	0	0	0	34.1	19	15	8	3	2	16	40	4	0
	State College	0-0	0.00	1	1	0	0	0	4.0	4	2	0	0	0	1	4	1	0
2013	West Virginia	9-3	2.18	24	24	0	0	0	111.1	54	35	27	9	9	61	*164	11	1
2014	Bradenton	12-5	*1.74	23	23	0	0	0	124.1	74	29	24	3	3	57	157	5	2
2015	Altoona	5-3	2.43	12	12	0	0	0	63.0	41	22	17	2	0	19	82	4	0
	West Virginia (#)	0-1	3.38	2	2	0	0	0	5.1	3	4	2	0	1	2	6	0	0
	Indianapolis	2-1	2.20	8	8	0	0	0	41.0	33	16	10	1	1	22	48	2	0
2016	Indianapolis (&)	8-3	1.87	20	20	0	0	0	110.2	65	23	23	4	0	62	133	6	0
	Pittsburgh	0-2	4.24	7	4	0	0	0	23.1	22	13	11	2	3	13	24	2	1
	Altoona (#)	0-0	3.00	2	2	0	0	0	6.0	4	2	2	1	0	6	11	0	0
2017	Pittsburgh	2-7	7.69	15	13	0	0	0	62.0	81	61	53	13	2	44	56	3	0
	Indianapolis	9-2	1.93	15	15	0	0	0	93.1	57	21	20	6	1	32	140	9	0
Minor	League Totals	45-21	2.02	118	117	0	0	0	593.1	354	169	133	29	17	278	785	42	3
Major	League Totals	2-9	6.75	22	17	0	0	0	85.1	103	74	64	15	5	57	80	5	1

(#)Injury Rehab Assignment

(&)Statistics include time on Injury Rehab Assignment

(*)Led League Selected by Pittsburgh in 2011 First-Year Player Draft (5th round).

MAJOR LEAGUE DEBUT

July 7, 2016 at St. Louis

1ST MAJOR LEAGUE WIN

May 2, 2017 vs. Cincinnati

LIFETIN	1E FII	ELD	ING	STA	ATIS	STIC	S			
PITCHER	РСТ	G	GS	РО	A	E	тс	DP	TP	
2016	.667	7	4	0	2	1	3	0	0	
2017	.917	15	13	4	7	1	12	0	0	
CARFER	867	22	17	4	a	2	15	Ω	0	

	ING	jΤ	O	4	11	•				
YEAR	AVG	АВ	R	н	2B	3B	HR	RBI	вв	SAC
2016	.143	7	0	1	0	0	0	0	0	0
2017	.294	17	1	5	0	0	0	3	4	1
CAREER	.250	24	1	6	0	0	0	3	4	1

FIRST M.L. HIT: 7/7/16 (Adam Wainwright - 1B)

FIRST M.L. RBI: 5/2/17 AB SINCE LAST HIT: 5

GLASNOW HIGHLIGHTS

MOST STRIKEOUTS: Starter: 7 K's, 4/15/17 at Chicago (NL) Reliever: 4 K's, 9/18/16 at Cincinnati.

MOST INNINGS PITCHED: Starter: 6.1 IP, 5/7/17 v. Milwaukee Reliever: 3.2 IP, 9/28/17 at Washington.

MOST WALKS: Starter: 6 BB, 9/13/17 at Milwaukee Reliever: 5 BB, 9/28/17 at Washington.

LONGEST SCORELESS INNINGS STREAK: 7.0 IP (5/2 to 5/7/15).

LONGEST WINNING STREAK: 1 game, twice (5/18/17 & 5/2/17).

LONGEST LOSING STREAK: 4 games (5/28 to 9/13/17).

ISTORY



JOSH HARRISON

INFIELDER/OUTFIELDER • #5

AGE: 30 (turns 31 on July 8) BORN: 7/8/87 in Cincinnati, OH RESIDES: Cincinnati, OH

HEIGHT/WEIGHT: 5-8/195 @jhay_da_man

BATS/THROWS: R/R

M.L. SERVICE: 6 years, 33 days OBTAINED: From Chicago (NL), 7/30/09, along

with pitchers Jose Ascanio & Kevin Hart, in deal for pitchers John Grabow & Tom Gorzelanny

AWARDS & HONORS:

- Participated in the 2017 World Baseball Classic (United States).
 2010 Eastern League All-Star (mid-season).
- Two-time National League All-Star (2014 & 2017).
- National League Player-of-the-Month (August 2014).
- 2013 International League All-Star (mid-season).
- 2009 Midwest League All-Star (mid-season & post-season).
- 2008 Northwest League All-Star (post-season).

LAST SEASON:

2017 SEASON: Captured a Gold Medal while playing with Team USA in the World Baseball Classic...Was named to his second All-Star team (played final four innings at second base and went hitless in two at bats)...Set a career high in home runs...Ranked second in the N.L. with a career-high 23 hit-by-pitches... Was the sixth-hardest player to double up in the N.L. (97.2 at bats per GIDP)...Made 78 appearances (77 starts) from the second spot of the lineup and hit .291 (89-for-306) with 19 doubles, nine home runs and 30 RBI...Made 79 starts at second base and 37 at third base...Also made six starts in left field and one appearance (6/11) in right field...Was Pittsburgh's Opening Day starter at second base for second straight year...Connected off Chicago's Jon

Lester for his fifth career leadoff home run on 4/26...Recorded first career two-homer game on 5/1 at Cincinnati...Had a walkoff single in the 10th inning of a 2-1 win over Milwaukee on 5/6... Hit safely in 10 straight games between 5/19-28 (17-for-44, .386) and again between 6/2-12 (15-for-38, .395)...Broke up Rich Hill's no-hitter with a game-winning, walkoff homer in the 10th inning of Pittsburgh's 1-0 win on 8/23; became the first player in Major League history to end a pitcher's no-hit bid with a walkoff home run...Suffered a fracture of the fifth metacarpal on his left hand after being hit by a pitch thrown by Cincinnati righthander Tyler Mahle in the fifth inning on 9/2 and missed remainder of the season.

CAREER HIGHLIGHTS:

2016: Set career highs in RBI and stolen bases (19-of-23); tied career high in triples...Made a career-high 128 appearances (122 starts) at second base; also made one appearance (one inning) in right field on 6/16 at New York...Ranked second among N.I. second basemen with 97 double plays turned (Philadelphia's Cesar Hernandez was first with 102) and third with 635 total chances...Was Pittsburgh's Opening Day starter at second base (was the Opening Day starter at third base in 2015)...Hit .333 (30-for-90) in April and .325 (26-for-80) in May; was hitting .327 overall thru the action on 6/9...Produced his sixth career walkoff hit on 7/19 vs. Milwaukee; led off bottom of the ninth in a 2-2 game with a triple and scored on a throwing error by Scooter Gennett... Assumed the leadoff batter position on an everyday basis on 8/5... Hit .327 (53-for-162) and scored 23 runs in 39 games (37 starts) from the top spot of the order...Tied career high (10th time) with four hits on 8/14 at Los Angeles (NL)...Hit safely in each of his last 10 games from 8/31 thru 9/10, going 17-for-42 (.405) with seven multi-hit efforts...Left the game on 9/10 vs. Cincinnati with a right groin strain and missed remainder of the season (suffered injury rounding first base on a double).

2015: Was Pittsburgh's Opening Day starter at third base and went 2-for-4 with a double as the leadoff batter...Signed a fouryear contract extension on 4/8... Became just the third player in Pirates history to hit a leadoff home run in the team's Home Opener; joining outfielder RJ Reynolds, who did so in 1986 at Three Rivers Stadium off New York's Dwight Gooden and shortstop Billy Cox, who connected off Cincinnati's Joe Beggs at Forbes Field in 1947...Hit his second leadoff homer of the season (fourth career) on 4/21 vs. Chicago (NL)...Dropped out of the leadoff spot on 5/1...Had sixth career four-hit game and a career-high nine total bases on 5/15 at Chicago (NL)...Produced six straight hits from 5/20-21...Had an 11-game hitting streak from 5/12-24 (22-for-47, .468), raising season average from .173 to .261...Had walkoff single on 6/14 in 11th inning of 1-0 victory vs. Philadelphia...Tied career high with four hits on 6/12 vs. Philadelphia...Produced a .340 average (65-for-191) over a 46-game span from 5/12 thru 7/4... Injured his left thumb while sliding into second base on 7/5 and was placed on the 15-day disabled list on 7/6...Underwent surgery to repair torn ulnar collateral ligament on 7/8 (surgery performed by Dr. Thomas Graham)...Began a rehab assignment with Triple-A Indianapolis on 8/11; went 1-for-19 in five games before being recalled from rehab and reinstated from D.L. on 8/21 (missed 38 games)...Batted .310 (35-for-113) in 39 games after returning from the disabled list and hit safely in 15 of his last 21 games (28-for-74, .378), dating back to 9/10...Recorded his ninth career four-hit game (fourth of the season) on 9/12 vs. Milwaukee...Had walkoff single in the 11th inning of a 7-6 win vs. Milwaukee on 9/13... Produced a .328 batting average in his final 86 games...Made 72 appearances (57 starts) at third base, 37 appearances (24 starts) at second base, 12 appearances (eight starts) in right field and 10 appearances (seven starts) in left field.

2015 POSTSEASON: Was the starting third baseman and went 0-for-3 with a HBP in the Wild Card Game vs. Chicago on 10/7 Played the final two innings at shortstop.

2014: Established career highs in nearly every offensive category while spending second full season in the big leagues...Finished ninth in voting for National League MVP...Was selected to his first National League All-Star Team; played final three innings in left field and went O-for-2 at the plate...Finished second in the N.L. batting race behind Colorado's Justin Morneau (.319)...Led the league with a .372 average with runners in scoring position... Tied Matt Kemp for the N.L. lead in total bases (143) after the All-Star break and his 34 extra-base hits ranked second in the N.L behind Kemp (35)...Batted .328 with 11 home runs and 58 runs scored in 84 games from the leadoff spot...Made 72 appearances (55 starts) at third base, 26 appearances (23 starts) in right field, 26 appearances (21 starts) in left field, 17 appearances (13 starts) at second base and eight appearances (four starts) at shortstop...Became the club's everyday third baseman on 8/19.... Hit .370 (60-for-162) with runners on base and went 4-for-5 with the bases loaded...Connected off Milwaukee's Rob Wooten for his third career pinch-hit home run on 4/17 at PNC Park...Tripled twice on 5/4 vs. Toronto...Assumed the primary leadoff batter position on 5/18 (game two)...Tied career high (third time) with four hits on 6/17 vs. Cincinnati...Delivered third career walkoff hit in 3-2, 11-inning win vs. New York (NL) on 6/27...Homered in three straight games from 7/28-30...Had second four-hit game of the season and fourth of his career on 7/27 at Colorado... Connected off Tim Hudson for first career leadoff home run on 7/29 at San Francisco...Had an extra-base hit in seven straight games from 7/27 thru 8/2 - the longest such streak by a Pirates

CAREER HIGHLIGHTS (CONTINUED):

player since Sid Bream (eight consecutive games in May 1986)... Went 20-for-44 (.455) with 12 extra-base hits in a 10-game span between 7/27 and 8/6, the first Pirates player with at least 20 hits, including 12 or more extra-base hits, in a 10-game span since Dave Parker in September 1978 (prior to Parker it was Paul Waner in May 1932)...Had a career-high five RBI on 8/22 at Milwaukee... Was named National League Player-of-the-Month for the month of August after hitting .356 and leading the league in slugging percentage (.610), hits (42), extra base hits (19) and total bases (72)...Became the fifth Pirates player in history with as many as 19 extra-base hits in that month; Paul Waner (24 in 1928 and 20 in 1930), Max Carey (20 in 1924) and Reggie Sanders (19 in 2003) and his 42 hits were the most in a month by a Pirates player since Freddy Sanchez had 46 in August of 2007...Recorded his fifth career four-hit game (third of 2014) in suspended game on 9/5 at Chicago (NL); also left the game in the 11th inning with an injured left ankle after making a catch at shortstop...Had 10 assists at third base on 9/19 vs. Milwaukee, falling one shy of the club and Major League record...Had a career-high 15-game hitting streak from 9/12-27 (23-for-67, .343)... Was the recipient of the Heart & Hustle award; presented by the MLB Alumni Association to the player who demonstrates a passion for the game of baseball and best embodies the values, spirit and tradition of the game.

2014 POSTSEASON: Went 2-for-4 as the leadoff batter and starting third baseman in the Wild Card Game vs. San Francisco on 10/1.

2013: Was a member of Pittsburgh's Opening Day roster for the second straight season...Made season debut as a pinch runner on Opening Day on 4/1 vs. Chicago...Went 1-for-8 in six games with the Pirates before being optioned to Indianapolis on 4/14...Was recalled by Pittsburgh on 5/7 when RHP James McDonald went on the disabled list...Popped out as a pinch hitter on 5/8 and was optioned back to Indy the following day...Was recalled a second time on 5/27...Went 1-for-2 in four games and was optioned back to Triple-A on 5/31....Was recalled by Pittsburgh on 6/28...Played final five innings in right field of 14-inning game vs. Milwaukee on 6/30 and went 0-for-2 with a walk at the plate... Was optioned back to Indianapolis on 7/2...Returned to Pittsburgh for good on 7/9 when Neil Walker went on the disabled list...Went 3-for-5 with four RBI on 7/25 at Washington and hit a two-run homer off lefty Gio Gonzalez - his first big league homer since 8/4/12...Connected off lefty Mike Dunn for first career walkoff home run while pinch hitting on 8/6 vs. Miami - the first pinch-hit walkoff homer by a Pittsburgh player since Craig Wilson on 9/3/01 (game two)...Made first career pitching appearance on 8/9 at Colorado; retired lone batter he faced on a flyout in the 8th inning of a 10-1 loss; was the first Pittsburgh position player to pitch since Abraham Nunez

on 5/30/04...Had a bases-loaded triple as a pinch hitter on 8/20 at San Diego - the first for the Pirates since Cecil Espy did so against the Phillies at Three Rivers Stadium on April 19, 1992... Connected off Jake Westbrook for second pinch-hit home run on 9/6 at St. Louis.



"All-Star Dinner" event.

2013 POSTSEASON: Pinch-ran and scored eventual winning run in 5-3 Bucco victory vs. St. Louis in Game Three of N.L.D.S. on 10/6...Pinch-ran and was caught stealing second base in Game Four on 10/7.

2012: Spent first full season in the Majors with the Pirates...Was Pittsburgh's most used pinch hitter, going 4-for-29 (.138) with a walk and three RBI...Made 18 starts at shortstop, 18 at second base, 10 in right field and nine at third base...Delivered walkoff single in 12-inning game on Mother's Day on 5/13 vs. Houston...Made start at third base on 5/16 at Washington and connected off Gio Gonzalez for first home run...Made first professional appearance in right field as a starter on 5/21 vs. New York (NL)...Broke up Justin Verlander's no-hitter on 5/18 at Comerica Park with a one-out single in the ninth inning...Homered in front of family and friends in hometown of Cincinnati on 8/4; also singled off Aroldis Chapman in the game...Had four hits on 9/23 at Houston.

2011: Was hitting .321 at Triple-A when he was selected by Pittsburgh on 5/30...Made Major League debut as a starter at third base on 5/31 at New York and went 2-for-4 with an RBI and a run scored...Singled off R.A. Dickey in second big league at bat...Recorded first Major League stolen base on 6/11 vs. New York (NL)...Was optioned to Indianapolis on 6/23...Was recalled on 6/28 when Jose Tabata went on the D.L...Went 8-for-35 (.229) in 14 games with Pittsburgh before being optioned back to Indy on 7/21...Was recalled a final time by Pittsburgh on 8/13 and hit .326 (14-for-43) in his 16 games in August...Connected off Milwaukee's Marco Estrada for first Major League home run on 8/23 at PNC Park...Had a career-high four hits and fell a home run shy of hitting for the cycle on 9/24 vs. Cincinnati...Made a toal of 50 appearances (46 starts) at third base and six appearances (five starts) at second base.

MINOR LEAGUE HIGHLIGHTS:

2013: Was named to the International League mid-season All-Star team...Began season with Pittsburgh...Was optioned to Indianapolis on 4/14 and hit .293 (22-for-75) with seven doubles, seven RBI, 14 runs scored and 10 stolen bases in 20 games thru 5/6...Had a straight steal of home on 5/3 vs. Lehigh Valley...Was back and forth between Pittsburgh and Indy twice between 5/7-31...Tripled twice and had six RBI on 6/24 at Charlotte... Was hitting .316 in 60 games with Indianapolis and was leading all minor league players with 20 extra-base hits when he was recalled by Pittsburgh on 6/28...Was optioned back to Indianapolis on 7/2...Was leading the International League with 29 doubles at the time of his final recall on 7/9.

2011: Began season with Indianapolis...Hit .375 (21-for-56) in 18 games during the month of April...Made lone start/appearance at shortstop on 5/28 at Pawtucket and went 5-for-5 with three doubles...Was hitting .321 when he was selected by Pittsburgh on 5/30...Was optioned back to Indianapolis on 6/23 and appeared in four games before being recalled on 6/28 when Jose Tabata went on the D.L....Returned to Indy on 7/21...Hit .295 (23-for-78) with two homers and nine RBI during final 14-game stint with Indianapolis from 7/21 thru 8/1.

2010: Spent entire season with Eastern League Champion Altoona club...Was named to the league's mid-season All-Star team (went 2-for-2 with a triple and two RBI in the game)... Ranked seventh in the league in batting average and third in hits...Led the league with 14 sacrifice hits and tied for the league lead with 10 sacrifice flies...Struck out once every 11.25 plate appearances, which was the best mark in the circuit...Set a club

record with four doubles on 6/27 vs. Bowie...Finished with the fourth-most hits in a single season in club history...Homered twice on 8/19 at Portland...Made 86 appearances at third base and 48 at second base with Altoona during the regular season; made his last 44 appearances at the hot corner...Hit three home runs in the post season after hitting four home runs during the regular season...Produced a .330 average in 22 games while playing for the Mesa Solar Sox in the Arizona Fall League, going 30-for-91 with 10 doubles, two triples, a homer, eight RBI, 19 runs scored and six stolen bases in six attempts.

2009: Hit .311 (160-for-514) with 28 doubles, nine triples, six home runs, 55 RBI and 30 stolen bases in 131 games with three different minor league teams...Began season with Peoria (Cubs' A) and produced the second-highest batting average (.373) in the Midwest League during the month of April...Hit .448 (26for-58) during a 15-game hitting streak from 4/23 thru 5/6...Had batting average as high as .389 following the action on 5/21... Had four hits in final game with Peoria on 7/6...Was named to Midwest League mid- and post-season All-Star teams...Made 29 appearances in left field, 16 at second base and 12 at third base while playing with Peoria; also went 31-for-95 (.326) in 24 games as the designated hitter...Was promoted to Daytona on 7/9... Was named the Florida State League Batter-of-the-Week for the week of 7/20-27 after going 11-for-30 (.367) with five RBI in seven games...Made eight appearances in left field and five each at second base and third base while playing with Daytona...Was acquired by Pittsburgh organization and finished season with Lynchburg, where he made 18 appearances at third base, 15 at second base and one in left field.

GENERAL

MINOR LEAGUE HIGHLIGHTS (CONTINUED)

2008: Split first pro season between Boise (Cubs' Rookie) and Peoria and hit .305 (72-for-236) in 64 total games...Made debut on 6/17 and went 2-for-2 with a double. RBI and stolen base vs. Eugene...Hit first home run while playing lone game in center

field on 7/13 at Eugene...Made 23 appearances at second base, two in left field and one in center field while playing with Boise... Made 24 appearances at second base and four in right field with

ERSONAL:

PERSONAL: Joshua Isaiah Harrison...Wife's name is Brittney...Has two daughters; Mia Jade (2/11/14) and Kinsli Rose (9/29/17)...Is a 2006 graduate of Princeton (OH) High School, where he was a three-year letterwinner...Was named team MVP as a senior and was a two-year captain...Was named to the all-city team by the Cincinnati Enquirer and played in East-West All-Star Game... Played three seasons (2006-08) of baseball at the University of Cincinnati, where his named is entrenched in the record book... Ranks in the Bearcat top 10 in batting average (4th, .358), runs (3rd, 192), hits (4th, 246), doubles (4th, 53), RBI (5th, 153), total bases (5th, 366), and stolen bases (2nd, 63)...Helped guide Cincinnati to a school-record 39 wins and a second-place regular

season finish in the Big East during his final season...Earned second-team All-America honors from Collegiate Baseball and was named the Big East co-Player-of-the-Year in '08 after leading the Bearcats with a .378 batting average, 90 hits and 22 doubles... Played for the Cotuit Kettlers of the Cape Cod League in the summer of 2007, hitting .264 with seven doubles, one triple, two home runs, 13 RBI and 14 stolen bases in 38 games...His brother, Vince Jr., spent five seasons in the Tampa Bay, Florida and New York Mets organizations...Is the nephew of John Shelby, who played 11 seasons (1981-1991) in the Major Leagues and served the Pirates as their First Base Coach in 2006-07...Was elected to the University of Cincinnati Athletics Hall of Fame in October 2015.

FETIME BATTING STATISTICS

YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	ОВР	SLG	E
2008	Boise	.351	33	114	27	40	11	2	1	25	1	3	3	23	12	12	6	.462	.509	2
	Peoria	.262	31	122	15	32	4	1	1	4	0	0	1	3	11	6	2	.286	.336	7
2009	Peoria	.337	79	303	51	102	17	7	4	33	9	2	5	16	25	16	9	.377	.479	5
	Daytona (1)	.286	18	70	10	20	3	1	1	9	1	0	1	6	7	10	1	.351	.400	0
	Lynchburg	.270	34	141	15	38	8	1	1	13	6	3	4	1	19	4	1	.289	.362	3
2010	Altoona	.300	135	520	74	156	33	3	4	75	*14	t10	9	32	52	19	7	.345	.398	21
2011	Indianapolis	.310	62	226	35	70	15	2	5	23	5	2	6	15	28	13	5	.365	.460	17
	Pittsburgh	.272	65	195	21	53	13	2	1	16	5	1	0	3	24	4	1	.281	.374	8
2012	Pittsburgh	.233	104	249	34	58	9	5	3	16	7	3	7	10	37	7	3	.279	.345	6
2013	Pittsburgh	.250	60	88	10	22	1	2	3	14	2	0	3	2	10	2	0	.290	.409	1
	Indianapolis	.317	64	268	50	85	29	5	4	34	4	0	4	20	39	19	7	.373	.507	5
2014	Pittsburgh	.315	143	520	77	164	38	7	13	52	2	2	4	22	81	18	7	.347	.490	6
2015	Pittsburgh	.287	114	418	57	120	29	1	4	28	3	2	7	19	71	10	8	.327	.390	14
	Indianapolis (#)	.053	5	19	0	1	0	0	0	0	0	0	0	1	2	0	0	.100	.053	0
2016	Pittsburgh	.283	131	487	57	138	25	7	4	59	4	8	5	18	76	19	4	.311	.388	7
2017	Pittsburgh	.272	128	486	66	132	26	2	16	47	2	3	23	28	90	12	4	.339	.432	11
Minor	League Totals	.305	461	1783	277	544	120	22	21	216	40	20	33	117	195	99	38	.355	.432	60
Major	League Totals	.281	745	2443	322	687	141	26	44	232	25	19	49	102	389	72	27	.321	.414	53

(*)Led league (t)Tied for League Lead

(#)Injury Rehab Assignment

Selected by Chicago (NL) in 2008 First-Year Player Draft (6th round).

(1)Acquired by Pittsburgh from Chicago (NL), 7/30/09, along with pitchers Jose Ascanio and Kevin Hart, in deal for pitchers

Tom Gorzelanny and John Grabow.

WORLD BASEBALL CLASSIC STATISTICS

	YEAR CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	CS	OBP	SLG	E
	2017 United States	.000	2	5	0	0	0	0	0	0	0	0	0	0	1	0	0	.000	.000	0
:	WRC Totals	000	2	5	0	0	0	0	0	0	0	0	0	0	1	0	0	000	000	0

	JIAN OF		•	A111	• • • • • • • • • • • • • • • • • • • •													
YEAR	SITE	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	CS OBP SLG	E
2014	Minnesota	.000	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0 .000 .000	0
2017	Miami	.000	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0 .000 .000	0
All-Sta	r Game Totals	.000	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0 .000 .000	0

WILD CARD GAME

YEAR	CLUB/OPP	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	E
2013	Pit. vs. Cin.						0	N ROS	STER,	DID NO	T PLA	ΔY						
2014	Pit. vs. SF	.500	1	4	0	2	0	0	0	0	0	0	0	0	1	0	0	0
2015	Pit. vs. Chi.	.000	1	3	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Wild	and Came Tetals	206	2	7		2							1		2			$\overline{}$

DIVISION SERIES STATISTICS

YEAR	CLUB/OPP	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	CS	E
2013	Pit. vs. Stl.	.000	2	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Divis	ion Series Totals	.000	2	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0

MAJOR LEAGUE DEBUT

May 31, 2011 at New York (NL)

FIRST MAJOR LEAGUE HIT

DATE	PITCHER
May 31, 2011 at New York (NL)R.	A Dickey - 1B

DATE		PITCHE

August 23, 2011 vs. Milwaukee..... Marco Estrada

WALKOFF HOMERS (1)

DATE	PITCHER
August 6, 2013 vs. Miami	Mike Dunn
August 23, 2017 vs. Los Angeles (NL)	Rich Hill

WALKOFFS (8)

DATE ACTION (INN.)
May 13, 2012 vs. <i>Houston</i> Single (12th)
August 6, 2013 vs. <i>Miami</i> PH Home Run (9th)
June 27, 2014 vs. New York (NL)Double (11th)
June 14, 2015 vs. PhiladelphiaSingle (11th)
September 13, 2015 vs. MilwaukeeSingle (11th)
July 19, 2016 vs. MilwaukeeTriple/error (9th)
May 6, 2017 vs. <i>Milwaukee</i> Single (10th)
August 23, 2017 vs. Los AngelesHome Run (10th)

LEADOFF HOMERS (5)

DATE	PITCHER
July 29, 2014 at San Francisco	Tim Hudson
August 31, 2014 vs. Cincinnati	Johnny Cueto
April 13, 2015 vs. Detroit	Anibal Sanchez
April 21, 2015 vs. Chicago (NL)	Travis Wood
Aprill 26, 2017 vs. Chicago (NL)	Jon Lester

PINCH HIT HOMERS	(3)
DATE	PITCHER
August 6, 2013 vs. Miami	Mike Dunn
Sept. 6, 2013 at St. Louis	Jake Westbrook
April 17, 2014 vs. Milwaukee	Rob Wooten

LIFETIME FIELDING STATISTICS

SECOND BASE PCT		G	GS	PO	A	E	TC	DP	TP		
	2011 .923		6	5	8	16	2	26	5	0	
	2012	.989	28	18	34	52	1	87	5	0	
	2013	1.000	11	7	18	24	0	42	5	0	
	2014	.986	17	13	26	42	1	69	9	0	
	2015	.983	37	24	45	69	2	116	21	0	
	2016	.989	128	122	262	366	7	635	97	0	
	2017	.981	83	79	147	212	7	366	52	0	
	CAPEED	005	710	260	E40	701	20	17/1	10.4	0	

LIFETIME FIELDING STATISTICS

THIRD BASE	PCT	PCT G		РО	A	E	тс	DP	TP
2011	.956	50	46	31	100	6	137	7	0
2012	.955	14	9	5	16	1	22	1	0
2013	.923	7	3	1	11	1	13	0	0
2014	.984	72	55	42	138	3	183	15	1
2015	.952	72	57	41	136	9	186	20	0
2017	.966	49	37	39	75	4	118	12	0
CARFER	964	264	207	159	476	24	659	55	1

LIFETIME FIELDING STATISTICS

SHORTSTOP	PCT	G	GS	РО	Α	E	тс	DP	TP
2012	.943	25	18	26	40	4	70	6	0
2013	1.000	4	0	1	1	0	2	0	0
2014	.955	8	4	8	13	1	22	5	0
CAREER	.947	37	22	35	54	5	94	11	0

LIFETIME FIELDING STATISTICS

LEFT FIELD	PCT	G GS PO		PO	A	A E		DP	TP
2012		1	0	0	0	0	0	0	0
2013	1.000	1	0	1	0	0	1	0	0
2014	1.000	26	21	25	1	0	26	0	0
2015	.933	10	7	13	1	1	15	0	0
2017	1.000	8	6	13	0	0	13	0	0
CAREER	.982	46	34	52	2	1	55	0	0

LIFETIME FIELDING STATISTICS

RIGHT FIELD	PCT	G	GS	PO	A	E	TC	DP	TP
2012	1.000	12	10	16	1	0	17	0	0
2013	1.000	14	5	6	2	0	8	1	0
2014	.981	26	23	50	3	1	54	1	0
2015	.867	12	8	13	0	2	15	0	0
2016		1	0	0	0	0	0	0	0
2017		1	0	0	0	0	0	0	0
CAREER	.968	66	46	85	6	3	94	2	0

LIFETIME FIELDING STATISTICS

PITCHER	PCT	G	GS	РО	A	E	TC	DP	TP
2013		1	0	0	0	0	0	0	0
CAREER		1	0	0	0	0	0	0	0

HARRISON HIGHLIGHTS

MOST HR/GAME: 2 HR, 5/1/17 at Cincinnati.

MOST HITS/GAME: 4 hits (10 times), last on 8/14/16 at Los Angeles (NL).

MOST RBI/GAME: 5 RBI, 8/22/14 at Milwaukee.

MOST RUNS/GAME: 3 runs (9 times), last on 8/17/17 vs. St. Louis.

LONGEST HITTING STREAK: 2017: 10 games, twice Career: 15 games (2014).

ISTORY



CLAY HOLMES

RIGHT-HANDED PITCHER • #68

AGE: 25

BORN: 3/27/93 in Dothan, AL

RESIDES: Tampa, FL
HEIGHT/WEIGHT: 6-5/230

@Clayholmes21

BATS/THROWS: R/R M.L. SERVICE: None

OBTAINED: Pittsburgh's 9th round selection

in 2011 First-Year Player Draft

LAST SEASON:

2017 SEASON: Spent entire season with Triple-A Indianapolis... Was tied for first in wins among all pitchers in Pittsburgh's minor league system...Allowed two runs or less in 18 of his 24 starts... Surrendered just one home run in his first 12 starts thru 6/10 and a total of four the entire season...Made his lone relief appearance (second career) on 5/30 vs. Lehigh Valley (1.0ip/0r)...Posted

a 3-0 record and a 2.97 ERA (30.1ip/10er) in six appearances during the month of May...Had a 1.89 ERA (19.0ip/4er) and held opposing batters to a .186 average in four starts in July...Finished the regular season winning each of his last three decisions... Surrendered a season-high six runs in his playoff starts on 9/6 at Durham (4.0ip/7h/6r/6er/4bb/3so).

MINOR LEAGUE HIGHLIGHTS:

2016: Entered season ranked by MLB.com as Pittsburgh's 15thbest prospect (was ranked 19th by Baseball America)...Spent entire season with Double-A Altoona and established career highs in innings pitched, strikeouts and wins...Finished tied for fifth among all Pirates minor leaguers in wins and tied for fourth in starts...Also tied for fifth in the Eastern League in wins and fifth in walks; led the league in hit by pitches...Posted the highest ground ball to at bat ratio (2.94) in all of full season baseball and second-highest in all of baseball behind Anthony Castro of the short-season GCL Tigers West (3.29 ground ball/at bat ratio)... Was charged with six runs in 4.0 innings while suffering the loss in his Double-A debut on 4/8 vs. Harrisburg; also went 0-for-2 with a strikeout in his first career game at the plate...Doubled at Harrisburg on 4/19 for first career hit...Earned first win after allowing one run over 6.0 innings on 4/24 vs. Richmond...Won seven straight decisions from 5/5 to 7/7...Struck out a seasonhigh tying nine batters over 6.0 scoreless innings in a no-decision on 6/16 vs. New Hampshire...Matched season high with nine strikeouts while tossing 7.0 innings in win on 7/2 vs. Bowie... Won his seventh straight decision on 7/7 at Akron after being charged with two runs in 6.0 innings...Went 5-5 with a 3.03 ERA (74.lip/25er) in final 14 starts from 6/16 to 9/2...Started Game Two of the Eastern League Division Series on 9/8 vs. Akron and recorded the club's only win of the postseason after allowing one run on four hits in 5.2 innings of work...Went 1-for-20 with a double at the plate.

2015: Went 1-2 with a 2.48 ERA (36.1ip/10er) and 26 strikeouts in nine combined starts between the GCL Pirates and High-A Bradenton...Began season on the disabled list recovering from "Tommy John" surgery from 2014...Began a rehab assignment with the GCL Pirates on 6/23...Tossed 5.0 scoreless innings while earning the win in final rehab appearance with the GCL Pirates on 7/4...Was reinstated from the disabled list on 7/7 and assigned to Bradenton...Tossed 5.0 scoreless innings while coming away with a no-decision in his debut with the Marauders on 7/10 at Daytona...Made final start on 8/15 before being placed on the D.L. on 8/26 with right shoulder tendinitis.

2014: Missed the entire season recovering from "Tommy John" surgery performed on 3/19.

2013: Entered the season ranked as Pittsburgh's 10th-best prospect by Baseball America...Spent entire season with Single-A West Virginia...Went 3-1 with a 3.20 ERA (59.0ip/2ler) in the second half of the season after going 2-5 with a 4.95 ERA (60.0ip/33er) in the first half...Earned first win with 5.1 scoreless innings of work on 4/15 at Greenville...Made 11 appearances (10 starts) from 6/12 to 8/10 without being charged with a loss... Worked 5.0 scoreless innings and earned the win in his only career relief appearance on 7/10 at Kannapolis...Struck out a career-high 10 batters on 7/25 at Lexington.

2012: Spent first professional season with State College of the New York-Penn League...Allowed an earned run in just one of his first seven starts while producing a 0.80 ERA (33.2ip/3er)...Gave up three hits over 5.0 scoreless innings while earning the win in his professional debut on 6/22 vs. Mahoning Valley...Allowed four runs (three earned) on 7/2 vs. Batavia before not allowing a run in his next four starts (20.0ip) from 7/8-25...Went 2-1 with a 1.14 ERA (23.2ip/3er) in five starts during the month of July.

MISC: Has been used as a starter in all but two of his 99 professional games; tossed 5.0 innings in his first relief appearance on 7/10/13 while pitching for the West Virginia Power and a scoreless frame on 5/30/17...Posted the highest ground ball to at bat ratio (2.94) in all of full season baseball and the second-highest among all minor league pitchers behind Anthony Castro of the short-season GCL Tigers West (3.29 ground ball/ at bat ratio) in 2016...Has posted a 3.67 ERA (284.lip/116er) in 59 total starts over the last three seasons since missing all of 2014 after undergoing "Tommy John" surgery...Has gone 2-for-41 with a double and three RBI in his career at the plate (did not receive a plate appearance in his career until the 2016 season).

PERSONAL:

PERSONAL: Clayton Walter Holmes..ls a 2011 graduate of Slocomb (AL) High School, where he helped lead the baseball team to a runner-up finish in the Class 3A playoffs as a senior... Went 11-5 for Slocomb as a junior while also recording 126 strikeouts...Was ranked as the 76th-best pitching prospect and 140th best overall prospect by Baseball America entering the 2011 draft...Was committed to play baseball at Auburn University before signing with the Pirates...Carried a 4.0 grade point

average and was Slocomb's class valedictorian while also being recognized by the Alabama Baseball Coaches Association as its Student Athlete-of-the-Year in 2011...Spent three years playing on Slocomb's varsity basketball team, where he averaged a double-double in both his junior and senior seasons...His brother, Jacob, played junior college baseball at Enterprise State College...Signed by Pirates scout Darren Mazeroski.

LIF	LIFETIME PITCHING STATISTICS																	
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2012	State College	5-3	2.28	13	13	0	0	0	59.1	35	17	15	1	5	29	34	4	1
2013	West Virginia	5-6	4.08	26	25	0	0	0	119.0	106	59	54	7	12	69	90	5	0
2014	2014 INJURED - DID NOT PITCH																	
2015	GCL Pirates (#)	1-0	2.03	3	3	0	0	0	13.1	13	5	3	0	3	1	10	2	1
	Bradenton	0-2	2.74	6	6	0	0	0	23.0	18	7	7	0	4	7	16	1	0
2016	Altoona	10-9	4.22	26	26	0	0	0	136.1	138	70	64	10	*14	64	101	8	1
2017	Indianapolis	10-5	3.36	25	24	0	0	0	112.2	96	45	42	4	8	59	99	12	0
Minor	League Totals	31-25	3.59	99	97	0	0	0	463.2	406	203	185	22	46	229	350	32	3

(*)Injury Rehab Assignment (*)Led League Selected by Pittsburgh in the 2011 First-Year Player Draft (9th round).

The Pirates have shared the North Shore with the Steelers or Pitt on the same day a total of 25 times since the new parks were built in 2001...Here are the particulars:

since the new parks were built in 2001F	iere are the particulars:	
DATE PIRATES	STEELERS	PITT
8-25-01 (Saturday)beat the Astros, 8-2 (nigh	nt) beat the Lions, 20-7 (day)	
9-8-01 (Saturday)beat the Reds, 5-2 (night)	lost to South Florida, 35-26 (day)
8-29-02 (Saturday)beat the Braves, 4-1 (day) beat the Vikings, 17-14 (night)	
9-7-02 (Saturday)beat the Marlins, 4-1 (nigl	nt)	lost to Texas A&M, 14-12 (day)
9-21-02 (Saturday)lost to Cubs, 4-2 (night)		beat Rutgers, 23-3 (day)
8-16-03 (Saturday)lost to Brewers, 6-4 (day)lost to Eagles, 21-16 (night)	
9-13-03 (Saturday)beat the Phillies, 5-3 (nig	ht)	beat Ball State, 42-21 (day)
9-12-04 (Sunday)lost to Astros, 5-4 (night)) beat the Raiders, 24-21 (day)	
9-18-04 (Saturday)lost to Mets, 8-7 (night)		lost to Nebraska, 24-17 (day)
9-3-05 (Saturday)lost to Cubs, 9-5 (day)		lost to Notre Dame, 42-21 (night)
9-16-06 (Saturday)beat the Mets, 3-2 (night)	lost to Michigan State, 38-23 (day)
9-30-06 (Saturday)beat the Reds, 3-0 (night		beat Toledo, 45-3 (day)
9-9-07 (Saturday)beat the Cubs, 10-5 (nigh	t)	beat Grambling State, 34-10 (day)
8-30-08 (Saturday)lost to Brewers, 11-3 (nigh	nt)	lost to Bowling Green, 27-17 (day)
9-20-08 (Saturday)beat the Astros, 6-4 (nig	ht)	beat Iowa, 21-20 (day)
9-5-09 (Saturday)lost to Cardinals, 2-1 (nigl	ht)	beat Youngstown State, 38-3 (day)
9-19-09 (Saturday)lost to Padres, 2-1 (day)		beat Navy, 27-14 (night)
9-23-10 (Thursday)lost to Cardinals, 9-2 (day	y)	lost to Miami (FL) 31-3 (night)
9-10-11 (Saturday)lost to Marlins, 3-0 (night	:)	beat Maine, 35-29 (day)
9-24-11 (Saturday)beat the Reds, 4-3 (night)	lost to Notre Dame, 15-12 (day)
9-14-13 (Saturday)beat the Cubs, 2-1 (night))	beat New Mexico, 49-27 (day)
9-22-13 (Sunday)lost to Reds, 11-3 (day)	lost to Bears, 40-23 (night)	
8-30-14 (Saturday)beat the Reds, 3-2 (4:05)		beat Delaware, 62-0 (noon)
9-20-14 (Saturday)lost to Brewers, 1-0 (nigh	t)	lost to lowa, 24-20 (day)
8-23-15 (Sunday)beat the Giants, 5-2 (nigh	nt) beat the Packers, 24-19 (day)	
9-3-16 (Saturday)lost to Brewers, 7-4 (nigh	nt)	beat Villanova, 28-7 (day)
9-10-16 (Saturday)lost to Reds, 8-7 (night)		beat Penn State, 42-39 (day)
9-2-17 (Saturday)beat the Reds, 5-0 (night		beat Youngstown State, 28-21 (day)



DANIEL HUDSON

RIGHT-HANDED PITCHER • #41

AGE: 31

BORN: 3/9/87 in Lynchburg, VA

RESIDES: Chandler, AZ HEIGHT/WEIGHT: 6-3/225

© Dhuddy41

BATS/THROWS: R/R

M.L. SERVICE: 7 years, 117 days

OBTAINED: Signed as a free agent on 12/19/16

AWARDS & HONORS:

- 2011 Silver Slugger Award winner.
- · Co-National League Player-of-the-Week (May 16-22, 2011).
- 2010 International League All-Star (mid-season).
- · Selected to 2010 MLB All-Star Futures Game.
- · National League Rookie-of-the-Month (August 2010).

LAST SEASON:

2017 SEASON: Set career high in appearances, one more than he made with Arizona in 2016...Posted a 2.75 ERA (36.0ip/1ter) in 39 games at home and a 6.66 ERA (25.2ip/19er) in 32 road games...Produced a 3.43 ERA (39.1ip/15er) and a .211 batting average against (30-for-142) in his final 46 games, beginning on 6/2...Made his debut with the Pirates on Opening Day (4/3 at

Boston) and struck out three batters in his 1.0ip; it was also his 200th career game in the Majors...Did not allow an earned run in 13 appearances from 6/27 thru 8/2 (10.0ip)...Tied career high (second time) with four strikeouts in relief on 8/25 at Cincinnati... Won his two games on 6/10 vs. Miami and 7/17 vs. Milwaukee.

CAREER HIGHLIGHTS:

2016: Set career highs in saves in his sixth and final season with Arizona...Held the opposition scoreless in 52 of his 70 outings, including in 21 of his final 25...Stranded a team-high 17 of his 22 inherited runners (77%)...Posted a 2.75 ERA (52.1ip/16er) in 51 outings when pitching 1.0 inning or more...Tossed a season-high 2.0 innings on 4/18 at San Francisco...Held right-handed batters hitless in their first 26 at bats thru 5/14...Began the season with a 1.55 ERA (29.0ip/5er) and a .130 opponent average after his first 30 appearances thru 6/21...Was scored upon in 10 of his 15 outings between 6/23 and 8/2, giving up 31 runs (26 earned) in 9.2 innings of work...Produced a 1.66 ERA (21.2ip/4er) and a .335 opponents average over his last 25 games, beginning with the action on 8/5...Went 11 games (8.0ip) without allowing a run from 8/5-25.

2015: Was used almost exclusively in relief for the first time in his career; his first full season after returning from two Tommy John surgeries...Tied for third on Arizona staff in appearances... Averaged a career-best 9.44 strikeouts per 9.0ip...Made his only start on 5/10 vs. San Diego (3.1ip/Or) - his first big league starting assignment since 6/26/12 at Atlanta...His win on 5/19 at Miami was his first victory in the Majors since 6/14/12 at Texas...Recorded his first career save on 6/14 at San Francisco... Went 4-for-6 in save opportunities...Struck out in his only plate appearance on 5/10 vs. San Diego.

2014: Spent majority of season on Arizona's disabled list following his second ligament surgery in 2013...Made first rehab appearance with the Arizona League Diamondbacks on 8/5 - his first game action since 6/4/13...Posted a 1.50 ERA (6.0ip/1er) in six total rehab starts with the AZL D-Backs and Reno between 8/5-29...Was reinstated from D.L. on 9/1 and threw 1.0 perfect inning of relief on 9/3 at San Diego, his first big league outing since 6/26/12...Was the fourth pitcher to have ligament replacement surgery in consecutive years and return to the Majors; also Doug Brocail, Mike Lincoln and Denny Stark (source: Jeff Passan)...Did not pitch after 9/13.

2013: Began season making three starts in Arizona's Extended Spring Training program, recovering from Tommy John surgery... Made one rehab start with Double-A Mobile (2.0ip/ler) on 6/4; left the game with right elbow soreness...Underwent his second Tommy John surgery on 6/18 in Birmingham, AL (performed by Dr. James Andrews).

2012: Was victorious in his first start on 4/7 vs. San Francisco... Made three starts before going on the 15-day disabled list for the first time in his career due to a right shoulder impingement... Made rehab start with Reno on 5/21 prior to being reinstated

from D.L. on 5/27...Pitched a season-high 8.0 innings on 6/2 at San Diego...Was removed from his start on 6/26 at Atlanta with right forearm tightness (an MRI the following day revealed a torn ulnar collateral ligament)...Underwent Tommy John surgery on 7/9 in Los Angeles (performed by Dr. Lewis Yocum).

2011: Spent first full season with Arizona and established career highs in wins, starts, innings pitched and strikeouts...Ranked among National League leaders in starts (T-4th), innings (T-5th) and wins (T-6th)...Won his first N.L. Silver Slugger Award, hitting .277 (18-for-65) with three doubles, one home run and 14 RBI... Joined Micah Owings (2007) as the only two D-backs pitchers to garner the honor...Led all N.L. pitchers in average, RBI, hits, onbase percentage (.209) and slugging percentage (.369)...Went 16-8 with a 3.19 ERA (197.2ip/70er) after losing each of his first four starts...Tied career high (second time) with 10 strikeouts on 4/15 vs. San Francisco...Was named co-N.L. Player of the Week. along with the Brewers' Shaun Marcum, for the week of 5/16-22 after going 2-0 with a 1.80 ERA (15.0ip/1er)...Threw his first career complete game in a 4-1 win on 6/17 vs. Chicago (AL)... Notched second complete game and hit his first career home run (off Ted Lilly) on 7/17 vs. Los Angeles (NL)...Became the first pitcher to throw a complete game and hit his first homer since the Mets' Johan Santana on July 6, 2010 vs. Cincinnati...Won career-high seven straight decisions between 5/17 and 7/17... Tossed his third complete game on 9/9 vs. San Diego (his final win of the season)...Suffered the loss in Game Two of the N.L.D.S. vs. Milwaukee on 10/2 (5.1ip/5er).

2010: Began season with Charlotte (White Sox' AAA) and was selected to the International League mid-season All-Star Team... Was also named to the U.S. roster for the MLB All-Star Futures Game in Anaheim, CA (did not participate)...Was recalled by Chicago on 7/11...Made three starts with the White Sox before being acquired by Arizona on 7/30...Combined to go 8-2 with a 2.45 ERA (95.1ip/26er) in 14 starts between the White Sox and Diamondbacks...His 0.997 combined WHIP with the two clubs led all Major League pitchers (min. 10 starts)...Led all Major League rookie pitchers (min. 10 starts) in ERA and opponents average (.202)...Made debut with Arizona on 8/1 at New York (NL) and gave up one run in 8.0ip for the win; also singled off Elmer Dessens for first big league hit...Recorded first career 10-strikeout performance on 8/17 vs. Cincinnati: struck out eight batters in the first 3.0 innings, becoming the first rookie pitcher to accomplish the feat since Rick Ankiel on July 27, 2000...Named National League Rookie-of-the-Month for August after going 4-1 with a 1.85 ERA (43.2ip/9er) in six starts...Was named Rookie-of-the-Year by the Arizona Chapter of the BBWAA.

HISTORY

R HIGHLIGHTS (CONTINUED):

2009: Was a September callup by the White Sox and made Major League debut on 9/4 vs. Boston (tossed 2.0 scoreless innings of relief)...Suffered first big league loss while making first

start on 9/21 vs. Minnesota (5.0ip/3r/1er)...Earned first win while making second start on 9/27 vs. Detroit (6.0ip/2er).

MINOR LEAGUE HIGHLIGHTS:

2009: Went 14-5 with a 2.32 ERA (147.1ip/38er) and 166 strikeouts in 26 starts over four stops in the White Sox system, including Single-A Kannapolis, Single-A Winston-Salem, Double-A Birmingham and Charlotte...Was named Minor League Baseball's overall Starting Pitcher-of-the-Year after leading the organization in ERA and strikeouts and tying for first in wins... Was named Pitcher-of-the-Week in the South Atlantic League

for week of 4/8-19 and in the Southern League for week of 6/15-

2008: Spent first professional season with Great Falls and led Pioneer League in strikeouts...Named co-Pitcher-of-the-Week for week of 7/21-27... Received honorable mention on the postseason All-Star Team.

PERSONAL:

PERSONAL: Daniel Claiborne Hudson...Wife's name is Sara...Has two daughters; Baylor (7/17/14) and Parker (11/8/16)...Is a 2006 graduate of Princess Anne High School in Virginia Beach, where his team captured the 2005 AAA State Championship...Was named First-Team All-State as a pitcher and Second-Team All-State as a first baseman in 2005...Attended Old Dominion University, where he went 20-14 with a 3.79 ERA in three seasons... Was named Second-Team All-Colonial Athletic Association in 2008 after leading the league with 107 K's in 92.0ip...Was named First Team All-CAA in 2007 and a Freshman All-American by Collegiate Baseball in 2006.

LIF	ETIME PITO	CHING	S STA	TIST	TIC:	5												
YEAR	CLUB	W-L	ERA	G	GS	CG	sно	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2008	Great Falls	5-4	3.36	14	14	0	0	0	69.2	52	30	26	6	3	22	*90	3	0
2009	Kannapolis	1-2	1.23	4	4	0	0	0	22.0	15	5	3	0	3	2	30	0	0
	Winston-Salem	4-3	3.40	8	8	1	0	0	45.0	31	19	17	3	2	13	49	1	0
	Birmingham	7-0	1.60	9	9	0	0	0	56.1	37	11	10	1	3	10	63	1	0
	Charlotte	2-0	3.00	5	5	0	0	0	24.0	22	10	8	1	2	9	24	1	0
	Chicago - AL	1-1	3.38	6	2	0	0	0	18.2	16	9	7	3	1	9	14	1	0
2010	Charlotte	11-4	3.47	17	17	1	0	0	93.1	81	41	36	13	4	31	108	3	0
	Chicago - AL (1)	1-1	6.32	3	3	0	0	0	15.2	17	11	11	1	0	11	14	2	0
	Arizona	7-1	1.69	11	11	0	0	0	79.2	51	15	15	7	4	16	70	3	0
2011	Arizona	16-12	3.49	33	33	3	0	0	222.0	217	98	86	17	8	50	169	4	1
2012	Arizona	3-2	735	9	9	0	0	0	45.1	62	37	37	9	0	12	37	2	0
	Reno (#)	1-0	3.60	1	1	0	0	0	5.0	5	2	2	0	0	1	2	1	0
2013	Mobile (#)	0-0	4.50	1	1	0	0	0	2.0	2	1	1	0	0	1	1	0	0
2014	Ari. D-Backs (#)	0-0	2.25	4	4	0	0	0	4.0	4	1	1	0	0	0	5	0	0
	Reno (#)	0-0	0.00	2	2	0	0	0	2.0	1	0	0	0	0	1	2	0	0
	Arizona	0-1	13.50	3	0	0	0	0	2.2	4	4	4	0	0	0	2	0	0
2015	Arizona	4-3	3.86	64	1	0	0	4	67.2	64	34	29	7	0	25	71	5	0
2016	Arizona (2)	3-2	5.22	70	0	0	0	5	60.1	65	40	35	6	4	22	58	5	0
2017	Pittsburgh	2-7	4.38	71	0	0	0	0	61.2	57	34	30	7	5	33	66	4	0
Minor	League Totals	31-13	2.90	65	65	2	0	0	323.1	150	120	104	24	17	90	374	10	0
N.L. To	otals	35-28	3.94	261	54	3	0	9	539.1	520	262	236	53	21	158	473	23	1
A.L. To	otals	2-2	4.72	9	5	0	0	0	34.1	33	20	18	4	1	20	28	3	0
Major	League Totals	37-30	3.98	270	59	3	0	9	573.2	553	282	254	57	22	178	501	26	1

(#)Injury Rehab Assignment (*)Led League

Selected by Chicago (AL) in the 2008 First-Year Player Draft (5th round).

(1)Acquired by Arizona from Chicago (AL), 7/30/10, along with pitcher David Holmberg, in deal for pitcher Edwin Jackson. (2)Granted free agency on 11/3/16...Signed by Pittsburgh as a free agent on 12/20/16.

DIVISION SERIES STATISTICS

YEAR	CLUB/OPP	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	BK
2011	Ari. vs. Mil.	0-1	8.44	1	1	0	0	0	5.1	9	5	5	1	0	0	6	0	0
Divisio	on Series Totals	0-1	8.44	1	1	0	0	0	5.1	9	5	5	1	0	0	6	0	0

MAJOR LEAGUE DEBUT

1ST MAJOR LEAGUE SAVE

1ST MAJOR LEAGUE WIN

LIFETIM	E FII	ELD	ING	ST	ATIS	TIC	S		
PITCHER	PCT	G	GS	РО	A	E	тс	DP	TP
2009	.750	6	2	0	3	1	4	0	0
2010	1.000	14	14	8	7	0	15	1	0
2011	.935	33	33	7	22	2	31	3	0
2012	1.000	9	9	0	5	0	5	1	0
2014		3	0	0	0	0	0	0	0
2015	.923	64	1	5	7	1	13	0	0
2016	.800	70	0	0	5	1	6	1	0
2017	.933	71	0	4	10	1	15	2	0
CAREER	.931	270	59	29	57	7	93	8	0

HIT	ring	T	0	TΔ	L	5				
YEAR	AVG	АВ	R	н	2B	3B	HR	RBI	вв	SAC
2010	.148	27	1	4	2	0	0	6	0	3
2011	.277	65	5	18	3	0	1	14	3	11
2012	.154	13	1	2	0	0	0	1	2	0
2015	.000	1	0	0	0	0	0	0	0	0

FIRST M.L. HIT: 8/1/10 (Elmer Dessens - 1B)

FIRST M.L. RBI: 8/1/10

HOME RUNS: (1), 7/17/11 off Ted Lilly

CAREER .226 106 7 24 5 0

AB SINCE LAST HIT: 12

HUDSON HIGHLIGHTS

LOW-HIT GAME: THREE-HITTER, 6/17/11 vs. Chicago (AL).

MOST STRIKEOUTS: Starter: 10 K's (twice), 4/15/11 vs. San Francisco & 8/17/10 vs. Cincinnati Reliever: 4 K's (twice), 8/25/17 at Cincinnati & 5/1/15 at Los Angeles (NL).

MOST INNINGS PITCHED: Starter: 9.0 IP (3 times), 9/9/11 vs. San Diego, 7/17/11 vs. Los Angeles (NL) & 6/17/11 vs. Chicago (AL) *Reliever:* 2.1 IP, 9/8/09 vs. Oakland.

MOST WALKS: Starter: 5 BB, 9/27/09 vs. Detroit *Reliever:* 3 BB (3 times), 5/14/17 at Arizona, 6/13/16 vs. Los Angeles (NL) & 6/25/15 at Colorado.

LONGEST SCORELESS INNINGS STREAK: 14.0 IP (9/8 to 9/14/10).

LONGEST WINNING STREAK: 7 games (5/17 to 7/17/11).

LONGEST LOSING STREAK: 4 games (4/2 to 4/21/11).

POSTPONED GAMES AT PNC PARK

There have been a total of 38 postponed games in the first 17 years of play at PNC Park; 35 by weather and three by the September 11 terrorist attacks in 2001 (vs. New York Mets). The fifth game scheduled to be played at PNC Park on April 17, 2001 was postponed due to cold and snow and the most recent game to be postponed came on June 6, 2016 vs. New York (NL).

BY YEAR	BY MONTH	BY OPPONENT
2001 6 2002 2 2003 4 2004 6 2005 2 2006 2	April .12 May .8 June .7 July .0 August .3 September .8	Atlanta
2007. 3 2008. 2 2009. 1 2010. 1 2011. 3 2012. 1 2013. 1	September	Los Angeles (NL) .1 Milwaukee .6 Montreal .1 New York (AL) .1 New York (NL) .7 St. Louis .2
2014 0 2015 2 2016 2 2017 0		San Diego 2 San Francisco 2 Washington .1

JUNG HO KANG

INFIELDER • #16

AGE: 31

BORN: 4/5/87 in Gwangju, Korea

RESIDES: Seoul, Korea
HEIGHT/WEIGHT: 6-0/210

BATS/THROWS: R/R M.L. SERVICE: 2 years

OBTAINED: Signed as a non-drafted free

agent on 1/16/15



AWARDS & HONORS:

- National League Player-of-the-Week (September 5-11, 2016).
- · National League Rookie-of-the-Month (July 2015).
- Participated in 2013 World Baseball Classic (Korea).
- · Four-time Gold Glove Award winner.
 - · Four-time KBO All-Star..

CAREER HIGHLIGHTS:

2016: Established Major League career highs in home runs, RBI and OPS (.867)...Became the first Asian-born infielder to hit 20 or more homers in a Major League season; Shin-Soo Choo (Korea) & Hideki Matsui (Japan) accomplished the feat as outfielders...His 10 home runs hit between 8/13 and the end of the season were the third-most among all N.L. third basemen behind Nolan Arenado and Kris Bryant (11 each)...Ranked fourth among National League players with a 1.066 OPS and sixth with a .613 slugging percentage during the month of September... Began season on the 15-day disabled list recovering from left knee surgery from 9/17... Spent the first two weeks of the regular season in Extended Spring Training...Received medical clearance to participate in full game activies on 4/13...Began a rehab assignment with Triple-A Indianapolis on 4/18...Was recalled from his rehab assignment and reinstated from the D.L. on 5/6...Made season debut with the Pirates on 5/6 at St. Louis and hit two home runs...Tied career high with four RBI on 7/27 vs. Seattle... Homered in back-to-back games on 8/13-14 and in three of his four game between 8/13-16...Injured his left shoulder while sliding headfirst into second base on 8/19...Was on the 15day D.L. from 8/20 to 9/5; went 1-for-8 with a homer and three walks in three rehab games with Triple-A Indianapolis between 9/1-4...Was named N.L. Player-of-the-Week for the week of 9/5-11 after hitting .522 with four home runs, 10 RBI, a .593 OBP and a 1.680 OPS in seven games...Homered twice on 9/6 vs. St. Louis... Hit .307 (31-for-101) with 10 homers, 25 RBI and a 1.098 OPS in his final 31 big league games, dating back to 8/13.

2015: Spent first season in MLB and finished third in the BBWAA voting for National League Rookie-of-the-Year...Ranked fourth in batting, fourth in OBP, fifth in RBI, fifth in runs, fifth in doubles and seventh in extra-base hits (41) among National League rookies... Was one of two rookie position players to make Pittsburgh's Opening Day roster (also Andrew Lambo)...Made 77 appearances (54 starts) at third base and 60 appearances (49) at shortstop...Set club rookie record for being hit by a pitch (17); previous mark was held by Jason Kendall (15 in 1996) and ranked third overall among N.L. leaders in that department... Made Major League debut on 4/8 at Cincinnati and grounded out as a pinch hitter...Made first big league start on 4/11 at Milwaukee (shortstop)...Made first career start at third base on 4/12 and singled off Kyle Lohse for first Major League hit...Tallied first three Major League RBI on a three-run double off Jason Motte on 4/21 vs. Chicago...His first Major League home run was a solo shot off Trevor Rosenthal on 5/3 at Busch Stadium (tied the score 1-1 in the ninth inning)...Had a putout and an assist while playing third base during a triple play on 5/9 vs. St. Louis...Had a careerhigh 10-game hitting streak from 5/16-28 (15-for-41, .366)...Made 11 straight starts at third base from 7/5-19: Josh Harrison suffered a thumb injury on 7/5...Took over everyday starting shortstop duties on 7/20 after Jordy Mercer suffered left knee injury on 7/19...Reached base safely in 21 straight starts from 6/25 thru 7/25...Hit game-winning home run off Glen Perkins in the top of the ninth at Minnesota on 7/28...Homered in back-to-back games on 7/28-29...Had three doubles on 7/31 at Cincinnati... Was named N.L. Rookie-of-the-Month in July after hitting .379 (33-for-87) with a .443 on-base percentage; ranked sixth among all N.L. batters in batting and sixth in OBP...The last Pittsburgh rookie to produce a higher average in a month (minimum of 75 AB) was Jason Kendall, who hit 413 (31-for-75) in August 1996 Was also tied for third among N.L. hitters with 13 extra-base hits during the month of July, the first Pittsburgh rookie to produce as high a batting average and as many extra-base hits in one month since Hall-of-Famer Paul Waner hit .381 with 14 extrabase hits in September 1926...Was hit by a pitch and homered in the same inning (seventh) on 8/9 vs. Los Angeles, the first Pittsburgh player to do that since Kevin Elster on 5/8/97... Made 34 consecutive starts (21 at short/13 at third) from 7/5 thru 8/15 before getting the day off on 8/16...Homered twice on 8/22 vs. San Francisco...Hit a 472' home run into the upper deck in Cincinnati on 9/8...Connected off Keyvius Sampson for first Major League grand slam on 9/9 at Cincinnati...Underwent season-ending surgery on his left knee on 9/17 after suffering the injury on a takeout slide at second base by Chicago's Chris Coghlan in the game that afternoon at PNC Park; had surgery to repair a fracture to the tibial plateau, an area near the knee at the top of one of two bones in the lower leg, and also to repair damage to the lateral meniscus.

2014: Led the Korean Baseball Organization (KBO) in slugging percentage and OPS (1.198) while playing for the Nexen Heroes in Seoul...His home run and RBI totals set single-season records for a shortstop...Ranked second in on-base percentage, home runs and total bases (309)...Also ranked third in doubles, third in RBI, fifth in runs scored and sixth in batting average...Established career highs in batting, runs, doubles, home runs and RBI...Was a teammate of league MVP Byung Ho Park, who hit .303 with 52 home runs and 124 RBI...Made all 113 defensive appearances at shortstop.

2013: Played for Team Korea in the World Baseball Classic and went 2-for-9 in three games (team was eliminated in the first round)...Homered in a 3-2 win over Chinese Taipei on 3/5... Ranked second among Nexen players in home runs and RBI... Finished third in the KBO in RBI, fifth in home runs and seventh in slugging percentage...Ranked ninth in OPS (.876)...Made 124 appearances at shortstop and two as the designated hitter.

2012: Set career highs in walks and stolen bases....Ranked second in the KBO in slugging percentage, third in batting and third in home runs...Also placed among the leaders in RBI (fifth), walks (fifth) and runs scored (sixth)...Swiped 21 bases in 26 attempts...Made 115 appearances at shortstop and 10 as the designated hitter.

2011: Made 123 appearances at shortstop and one at catcher (eighth career).

2010: Matched his career high in games played while spending season with Nexen, who bought the naming rights from Woori... Made all 129 defensive appearances at shortstop...Ranked third in the KBO in doubles and 10th in hits.

2009: Set career high in at bats while playing with the Woori Heroes...Shared league lead in doubles...Spent his first season playing exclusively at shortstop and set a career high with 133 appearances at the position.

ASEBALL

GENERAL

HIGHLIGHTS (CONTINUED):

2008: Appeared in over 100 games for the first time in his professional career...Made 66 appearances at shortstop, 26 at second base. 18 at third base, seven at catcher and two at first

2007: Spent second season with Hyundai Unicorns; team practiced in the United States at Pirate City prior to the regular season...Made 13 appearances at third base, six at second base and one at first base

2006: Saw limited playing team with Hyundai during his first professional season...Made six appearances at shortstop and four at third base.

MISC: Made 890 career appearances at shortstop, 35 at third base, 32 at second base, eight at catcher and three at first base in his nine seasons of play in the Korean Baseball Organization.

PERSONAL

LIFETIME

PERSONAL: Jung Ho Kang (pronounced "GAHNG")...Is a 2006 graduate of Gwangiu High School...Played third base for the Korean national team at the 2010 Asian Games...Trained at Pirate City in Bradenton, FL, in 2006 and 2007 while a member of the Hyundai Unicorns...Began his professional playing career at the age of 19...Played for Korea in the 2013 World Baseball

BATTING STATISTICS

Classic...Played for the Seoul Heroes from 2008-2014: the Heroes sold their naming rights to Woori Bank, and then after two years, Nexen Tire bought the naming rights...Woori Bank is headquartered in Seoul, South Korea, and the name Nexen is a combination of two future-oriented words; next and century.

YEAR CLUB AVG G AB R н 2B **3B** HR RBI SH SF HP BB SO SB CS ОВР SLG E 2006 Hyundai .150 O .150 .200 2007 Hyundai Ω Ω 2008 Woori .271 .334 2009 Woori .286 136 t 33 .349 .508 2010 Nexen .301 .391 .457 Nexen .282 .353 2012 Nexen .413 .560 .314 2013 Nexen 2014 Nexen (1) .356 .459 *.739 2015 Pittsburgh .287 .355 .461 2016 Indianapolis (#) .146 .246 .271 Pittsburgh .255 .354 .513 DID NOT PLAY: ON MLB RESTRICTED LIST

(*)Led League (t)Tied for League Lead (#)Injury Rehab Assignment (1) Signed by Pittsburgh as a non-drafted free agent on 1/16/15

.146

.273

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YEAR CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	вв	so	SB	cs	ОВР	SLG	E
2013 Korea	.222	3	9	1	2	0	0	1	2	0	0	0	0	1	0	0	.222	.556	0
WRC Totals	222	3	9	1	2	0	0	1	2	0	0	0	0	1	0	0	222	556	

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36 120

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> .355

April 8, 2015 at Cincinnati

Korean League Totals

Minor Leaugue Totals

Major League Totals

FIRST MAJOR LEAGUE HIT

PITCHER

April 12. 2015 at Milwaukee.....Kyle Lohse - 1B

FIRST MAJOR LEAGUE HR

PITCHER DATE

May 3, 2015 at St. Louis.....Trevor Rosenthal

LIFETIME FIELDING STATISTICS

THIRD BASE	PCT	G	GS	РО	A	E	TC	DP	TP
2015	.971	77	54	30	139	5	174	11	1
2016	.934	92	83	49	191	17	257	20	0
CAREER	.949	169	137	79	330	22	431	31	1

LIFETIME FIELDING STATISTICS

SHORTSTOP	PCT	G	GS	PO	A	E	TC	DP	TP
2015	.961	60	49	74	146	9	229	40	0
CAREER	.961	60	49	74	146	9	229	40	0

DATE			DITCHED

Sept. 9, 2015 at Cincinnati...... Keyvius Sampson

.483

KANG HIGHLIGHTS

MOST HR/GAME: 2 HR (3 times), 9/6/16 vs. St. Louis, 5/6/16 at St. Louis & 8/22/15 vs. San Francisco.

MOST HITS/GAME: 3 hits (11 times), last on 9/24/16 vs. Washington. MOST RBI/GAME: 4 RBI (twice), 7/27/16 vs. Seattle & 9/9/15 at Cincinnati.

MOST RUNS/GAME: 3 runs, 9/6/16 vs. St. Louis,

LONGEST HITTING STREAK: Career: 10 games (2015).

NICK KINGHAM

RIGHT-HANDED PITCHER • #49

AGE: 26

BORN: 11/8/91 in Houston, TX

RESIDES: Las Vegas, NV HEIGHT/WEIGHT: 6-5/225

@NickKingham

BATS/THROWS: R/R M.L. SERVICE: None

OBTAINED: Pittsburgh's 4th round selection

in 2010 First-Year Player Draft



AWARDS & HONORS:

• 2013 Florida State League All-Star (mid-season).

LAST SEASON:

2017 SEASON: Set a minor league career high in wins (10)... Began season on the 7-day disabled list at Triple-A Indianapolis due to a sprained right ankle...Pitched 4.0 innings against the Braves in an Extended Spring Training game on 5/1...Also gave up a run on three hits in five innings of a rehab start on 5/7 at Pirate City (74 pitches)...Was reinstated from the D.L. at Indianapolis and was transferred to Bradenton, where he pitched 5.0 scoreless innings and allowed just one hit while winning his start on 5/11 vs. Palm Beach...Returned to Indianapolis on 5/16 and won his first start on 5/17 at Columbus (5.2ip - 95 pitches)... Also won his second start on 5/17 at Columbus (5.2ip/2er)...

Suffered first loss on 5/23 at Lehigh Vallley (6.0ip/3er)...Gave up just one run in 6.1 innings while winning his third decision on 5/28 at Rochester...Pitched a scoreless inning of relief on 7/14 vs. Louisville...Threw just 85 pitches (60 strikes) while tossing his first professional complete game in a 3-1 victory vs. Syracuse on 8/10...Won four straight starts while posting a 0.88 ERA (30.2ip/3er) and a 21-to-3 strikeout-to-walk ratio between 7/24 and 8/10...Gave up a season-high eight runs in 3.2ip on 8/26, but received a no-decision...Won each of his final six regular season decisions between 7/24 and 8/31...Won his only postseason start on 9/8 vs. Durham (7.0ip/4h/0r/3bb/4so).

MINOR LEAGUE HIGHLIGHTS:

2016: Spent entire season recovering from Tommy John surgery...Began a minor league rehab assignment with the GCL Pirates on 7/8...Missed one start due to a lumbar strain (retro to 7/26)...Was reinstated from Triple-A D.L. on 8/15 and was assigned to High-A Bradenton...Pitched 5.0 scoreless frames (64 pitches) and won his first start with the Marauders on 8/17 at Palm Beach...Tossed 6.0 scoreless innings and struck out seven batters on 8/23 at Jupiter (68 pitches)...Joined Double-A Altoona on 8/27 and made his first start with the Curve on 8/29 (6.0ip/3h/1r/ler/lbb/4so - 84 pitches)...Went 3-5 with a 2.93 ERA (46.0ip/15er) in 10 total starts with the three teams.

2015: Entered season ranked by Baseball America as Pittsburghis' sixth-best prospect and as having "Best Changeup" and "Best Control" in the system... Season was limited to just six starts with Indianapolis...Picked up Ione victory in his fourth start on 4/25 at Toledo...Made last start on 5/6 vs. Rochester; left the game in the sixth inning due to discomfort in his right elbow...Had surgery to repair the ulnar collateral ligament in his right arm on 5/27; surgery performed by Dr. David Altcheck in New York.

2014: Ranked by Baseball America as the fifth-best prospect and as having the "Best Changeup" and "Best Control" in the system prior to the season.. Split season between Altoona and Indianapolis and went 6-11 with a 3.34 FRA (159.0ip/59er) in 26 starts...Established career high in innings pitched...Ranked third among Pittsburgh farmhands in strikeouts (119)...Was scheduled to be Altoona's Opening Day starter, but did not pitch because of back-to-back postponed games...Made debut with Curve on 4/6 vs. Erie and tossed 6.0 shutout innings while picking up his lone Double-A victory...Did not surrender a home run in his first nine starts (50.0ip) thru 5/21...Had a 2.80 ERA (45.0ip/14er) over his final seven starts with Altoona before being promoted to Indianapolis on 6/12...Pitched 7.0 scoreless innings and struck out season-high eight batters in first Triple-A start on 6/13 vs. Durham...Gave up just one run in 7.0ip and picked up first Triple-A win in his second start on 6/18 vs. Gwinnett...Went 2-0 with a 0.34 ERA (26.2ip/2r/1er) in his first four starts with Indy.

2013: Went 9-6 with a 2.89 ERA (143.1ip/46er) and a careerhigh 144 strikeouts in 27 total games (25 starts) between High-A Bradenton and Altoona...Ranked second among Pittsburgh farmhands in strikeouts...Began season with Bradenton and established a team record with 13 strikeouts in his fifth start on

4/28 vs. Brevard County...Won six consecutive decisions from 4/22 to 5/24 and went 6-0 with a 2.47 ERA (43.2ip/12er) in an eight-start stretch from 4/17 thru 5/24...Was named to the Florida State mid-season All-Star team, but did not pitch in the game due to his promotion to Altoona...Made Double-A debut on 6/15 and earned the win (5.2ip/0r) vs. Trenton...Did not allow a home run in his final 12 appearances (61.1ip)...Made first bullpen appearance since 2010 when he started the resumed game vs. New Britain from 6/25 on 6/26; worked 5.0 hitless innings before giving up two runs on two hits in his sixth inning of work...Made second "relief" appearance behind the rehabbing Jared Hughes on 7/17 vs. Bowie (6.1ip/0r)...Skipped a turn in the rotation on 8/9 to monitor his innings...Pitched 7.0 scoreless innings and whiffed eight batters in his final start on 8/30 vs. Akron.

2012: Spent entire season with Low-A West Virginia and set career high in starts...Ranked fifth among South Atlantic League starters in strikeouts per 9.0 innings (8.29) and fourth in the league in WHIP (1.19)...Produced a 1.77 ERA in four starts from 5/8-24 and posted a 2.84 ERA (25.lip/8er) in five starts during the month of May...Went 5-0 with a 1.49 ERA (36.lip/6er) in a seven-game stretch from 7/17 thru 8/19...Did not allow more than two earned runs in any of his last nine outings, dating back to 7/17, and posted a 1.68 ERA (48.lip/9er) while holding hitters to a .164 batting average (27-for-165) and one home run.

2011: Spent entire season with the short-season State College Spikes and posted a team-best 2.15 ERA...Ranked third in the New York-Penn League in both ERA and fewest baserunners per 9.0 innings pitched among starters (10.14)...Led all Pittsburgh minor leaguers in ERA...Went 6-0 with a 1.57 ERA (63.0ip/11er) in his final 13 starts...Did not allow more than one run in any of his final 11 starts, beginning on 7/8 (53.0ip/8r/7er - 1.18 ERA)...Won each of his last four starts and allowed only two earned runs over 20.0ip (0.90 ERA).

2010: Was selected by Pittsburgh in fourth round of the First-Year Player Draft and made professional debut with the Gulf Coast League Pirates...Made two relief appearances; tossed 2.0 scoreless innings in debut on 8/25 vs. GCL Tigers and pitched a perfect frame on 8/28 vs. GCL Blue Jays.

MISC: Entered 2018 season ranked by Baseball America as the eighth-best prospect in the Pittsburgh organization

ERSONAL:

PERSONAL: Nicholas Gordan Kingham...Is a 2010 graduate of Sierra Vista High School in Las Vegas, NV...Went 8-3 with a 2.01 ERA and 73 strikeouts in 13 games as a senior in high school and was named First-Team All-State...Was the No. 2 recruit in the state of Nevada in 2010 (No. 156 nationally) according to PerfectGame

and signed a letter of intent with Oregon...Had to sit out his junior year at Sierra Vista after transferring...Went 10-1 for his legion team, the Las Vegas Lions, in 2009...Signed by Pirates scout Larry

LIFE	TIME PITC	HING	STAT	IST	ICS													
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2010	GCL Pirates	0-0	0.00	2	0	0	0	0	3.0	3	0	0	0	0	0	2	0	0
2011	State College	6-2	2.15	15	15	0	0	0	71.0	63	18	17	5	2	15	47	1	0
2012	West Virginia	6-8	4.39	27	27	0	0	0	127.0	115	70	62	15	9	36	117	5	0
2013	Bradenton	6-3	3.09	13	13	0	0	0	70.0	55	25	24	6	9	14	75	2	0
	Altoona	3-3	2.70	14	12	0	0	0	73.1	70	24	22	1	3	30	69	4	2
2014	Altoona	1-7	3.04	12	12	0	0	0	71.0	71	35	24	3	2	25	54	3	1
	Indianapolis	5-4	3.58	14	14	0	0	0	88.0	70	40	35	6	1	27	65	4	0
2015	Indianapolis	1-2	4.31	6	6	0	0	0	31.1	34	16	15	3	2	7	32	0	0
2016	GCL Pirates (#)	0-4	3.00	6	6	0	0	0	24.0	23	13	8	0	0	1	16	1	0
	Bradenton	2-0	0.00	2	2	0	0	0	11.0	8	0	0	0	1	1	10	0	0
	Altoona	1-1	5.73	2	2	0	0	0	11.0	6	7	7	1	0	4	10	0	0
2017	Bradenton	1-0	0.00	1	1	0	0	0	5.0	1	0	0	0	0	0	0	0	0
	Indianapolis	9-6	4.13	20	19	1	0	0	113.1	119	59	52	8	8	29	93	5	0
Minor	League Totals	41-40	3.42	134	129	1	0	0	699.0	638	307	266	48	37	189	590	25	3

(#)Injury Rehab Assignment Selected by Pittsburgh in 2010 First-Year Player Draft (4th round).

HUTOUTS OF 11-0 OR GR

12-0 September 4, 2017 vs. Chicago Cubs
11-0June 15, 2015 at Chicago White Sox
11-0September 3, 2007 at St. Louis Cardinals
11-0July 9, 2004 at Montreal (San Juan)
14-0August 20, 2003 at St. Louis Cardinals
11-0September 6, 2002 vs. Florida Marlins
11-0 April 19, 1992 vs. Philadelphia Phillies
11-0 August 3, 1990 at Philadelphia Phillies
11-0 August 12, 1987 vs. Philadelphia Phillies
11-0 August 9, 1984 at New York Mets
22-0 September 16, 1975 at Chicago Cubs
12-0May 17, 1972 vs. St. Louis Cardinals
11-0 August 30, 1972 vs. San Diego Padres
11-0July 24, 1970 vs. Houston Astros
11-0August 23, 1970 at Los Angeles Dodgers
12-0July 1, 1966 at New York Giants
12-0 May 30, 1965 at New York Giants
19-0 August 3, 1961 at St. Louis Cardinals (game 1)
13-0 April 14, 1960 vs. Cincinnati Reds
13-0May 20, 1948 at Boston Braves
13-0 September 24, 1946 at Chicago Cubs
13-0July 4, 1945 at Philadelphia Phillies
11-0July 22, 1944 at Brooklyn Dodgers
15-0July 25, 1944 at New York Giants

13-0September 6, 1935 vs. Brooklyn Dodgers
11-0September 12, 1935 vs. Philadelphia Phillies
12-0 September 23, 1935 at St. Louis Cardinals
15-0 August 3, 1929 vs. Chicago Cubs
14-0 September 3, 1927 vs. St. Louis Cardinals
11-0 September 8, 1926 vs. Cincinnati Reds (game 2)
11-0 September 5, 1922 vs. St. Louis Cardinals
13-0 May 30, 1921 vs. Chicago Cubs (game 1)
11-0 September 16, 1919 vs. Chicago Cubs
11-0 June 5, 1915 vs. Brooklyn Dodgers
14-0 April 12, 1911 at Cincinnati Reds (Opening Day)
13-0 August 8, 1911 vs. Philadelphia Phillies
11-0 May 16, 1906 vs. New York Giants
13-0 July 29, 1905 vs. Brooklyn Dodgers
11-0 July 13, 1904 vs. Philadelphia Phillies
12-0 July 4, 1901 vs. New York Giants (game 2)
14-0 May 28, 1900 vs. New York Giants
12-0 September 26, 1899 at Chicago Cubs
15-0 September 20, 1898 at Brooklyn Dodgers
14-0 May 2, 1896 at Louisville Colonels
19-0 July 8, 1896 vs. Washington Senators
13-0 July 8, 1893 vs. Boston Beaneaters
19-0 July 15, 1893 vs. Washington Senators
11-0 July 11, 1891 vs. Philadelphia Phillies
14-0 July 4, 1888 vs. Washington Senators

GEORGE KONTOS

RIGHT-HANDED PITCHER • #70

AGE: 32 (turns 33 on June 12) BORN: 6/12/85 in Lincolnwood, IL

RESIDES: Lincolnwood, IL HEIGHT/WEIGHT: 6-3/225 BATS/THROWS: R/R

M.L. SERVICE: 4 years, 171 days

OBTAINED: Claimed off waivers from San

Francisco on 8/5/17



LAST SEASON

@G Kontos

2017 SEASON: Went 1-6 with a 3.39 ERA (66.lip/27r/25er) and 70 strikeouts in 65 total games between San Francisco and Pittsburgh...Began season with San Francisco and was scored upon once in his first six appearances...Was charged with his first loss (0.2ip/3r) on 4/7 at San Diego...Posted a 1.93 ERA (14.0ip/3er) in 12 appearances during the month of May and a 1.26 ERA (14.1ip/2er) in June...Had 33 inherited runners while playing with the Giants; the fifth-most among National League relievers at the time he was acquired by Pittsburgh...Made final appearance with San Francisco on 8/2 vs. Oakland (1.0ip/0r)...His 50 appearances with the Giants were tied for the eighth-most in the National League at the time he was claimed off waivers by Pittsburgh on 8/5...Made debut with the Pirates on 8/7 vs. Detroit

and tossed a scoreless eighth inning...Retired each of the nine batters he faced in his first three appearances with Pittsburgh... Surrendered a game-tying home run to Keon Broxton in the seventh inning on 8/16 at Milwaukee and suffered a blown save... Was placed on the 10-day disabled list on 8/22 (retro to 8/20) with a right groin strain...Threw a 30-pitch bullpen session at PNC Park on 9/3 and had a 20-pitch simulated game on 9/5...Ws reinstated on 9/7...Suffered his loss with Pittsburgh on 9/9 at St. Louis...Won his lone game on 9/30 at Washington - his first big league win since 8/8/16...Recorded his first Major League save in the final game of the season on 10/1 at Washington...Produced a 1.72 ERA (15.2ip/3er) and 16 strikeouts in his final 16 games, dating back to 8/2.

CAREER HIGHLIGHTS:

2016: Was a member of San Francisco's Opening Day roster... Appeared in eight of the first 13 games and produced a 1.59 ERA before being placed on the disabled list...Missed 26 games from 4/19 to 5/17 with a flexor strain in his pitching arm... Was reinstated from the D.L. on 5/17 after making four rehab appearances with Triple-A Sacramento...Posted a 2.10 ERA (34.1ip/8er) over his final 33 regular season games...Appeared in one postseason game; gave up one run in 2.0ip in Game Two of the Division Series against the Cubs...Allowed a home run to opposing pitcher Travis Wood, which marked the only time a Giants pitcher gave up a home run to an opposing pitcher in the postseason.

2015: Recorded career highs in appearances and innings pitched...Also posted the lowest numbers of his career for WHID (0.94) and ERA...Ranked third in the big leagues in opponents batting average against with runners in scoring position (1.59)... Stranded his first 26 inherited runners before allowing his first such runner to score on 7/24 vs. Oakland...Stranded 41 of his 54 runners overall (76%).

2014: Split season between Fresno (Giants' AAA) and San Francisco; was recalled by the big league team on five separate occasions...Pitched multiple innings in 14 of his 24 Major League

games...Picked up wins in back-to-back outings on 7/21 and 7/22 at Philadelphia and had career-best four-game winning streak from 5/28 to 9/2.

2013: Began season with San Francisco...Received a three-game suspension for intentionally throwing at Andrew McCutchen at PNC Park on 6/11...Was optioned to Fresno on 6/12...Was recalled on 6/24...Served his three-game suspension from 7/11-13...Pitched a career-high 3.1 innings on 7/22 vs. Cincinnati...Was optioned to Triple-A on 7/23...Was recalled by San Francisco on 9/3 and posted a 1.00 ERA (9.0ip/ler) in his final 10 appearances.

2012: Went to spring training with the Yankees...Was acquired by San Francisco in a deal for catcher Chris Stewart on 4/4 and began season with Fresno...Recorded lone Triple-A save (third career) on 5/19 at Round Rock...Was recalled by San Francisco on 6/9 and spent remainder of the season in the big leagues.... Recorded his first Major League win on 8/29 at Houston, tossing 2.2 scoreless innings with four strikeouts...Was tied for sixth in games and ranked seventh in innings and strikeouts among MLB rookie relievers...Posted a 6.75 ERA (5.1ip/4er) in eight postseason appearances as the Giants won the World Series... Did not allow a run in his first six outings in the postseason.

MINOR LEAGUE HIGHLIGHTS:

2010: Began season on the disabled list recovering from Tommy John surgery...Made season debut with Tampa (Yankees' Single-A) on 6/18...Was promoted to Trenton (Yankees' AA) on 7/7....Also made two relief appearances with Scranton to close out the season...Was selected by San Diego in the Rule 5 Draft on 12/9.

2009: Began season with Trenton, where he made four starts before being promoted to Scranton...Went 4-5 with a 3.15 ERA (7.1.lip/25er) in 13 total starts thru 6/25...Missed the rest of the campaign after undergoing Tommy John surgery on 7/7. **2008:** Spent entire season with Trenton...Posted minor league career highs in starts, innings pitched and strikeouts.

2007: Spent entire season with Tampa...Was on the disabled list from 4/19 to 6/13 with a right shoulder contusion.

2006: Began professional career as a starting pitcher with the Staten Island Yankees.

PERSONAL:

PERSONAL: George Nicholas Kontos...Is a 2003 graduate of Niles (IL) West High School, where he was named the Illinois High School baseball Player-of-the-Year in 2003...Also lettered in golf and basketball...Attended Northwestern University, where

he ranked second in the Big Ten with 84 strikeouts in 2006...His father was born in Greece...Represented Greece as a 16-year-old in 2001 in a Pan-European baseball tournament in Thessaloniki.

LIF	ETIME PITC	HINC	S STA	TIST	TICS	5												
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	НР	ВВ	so	WP	вк
2006	Staten Island	7-3	2.64	14	14	0	0	0	78.1	64	25	23	3	2	19	82	3	0
2007	Tampa	4-6	4.02	19	17	0	0	0	94.0	95	51	42	15	0	30	101	6	0
2008	Trenton	6-11	3.68	27	27	0	0	0	151.2	134	76	62	14	4	57	152	2	0
2009	Trenton	1-1	2.66	4	4	0	0	0	20.1	19	7	6	О	2	9	24	5	0
	Scranton/WB	3-4	3.35	9	9	1	0	0	51.0	44	24	19	6	2	21	39	2	0
2010	Tampa	0-1	2.61	5	2	0	0	0	10.1	7	3	3	0	0	3	8	0	0
	Trenton	0-2	3.38	17	0	0	0	0	32.0	30	13	12	2	0	11	28	0	0
	Scranton/WB (1)	0-1	10.12	2	0	0	0	0	2.2	5	3	3	1	0	1	2	0	0
2011	Scranton/WB	4-4	2.62	40	4	0	0	2	89.1	72	27	26	12	2	26	91	3	0
	New York - AL (2)	0-0	3.00	7	0	0	0	0	6.0	4	2	2	1	0	3	6	0	0
2012	Fresno	2-0	1.71	23	0	0	0	1	31.2	24	9	6	1	1	7	26	2	0
	San Francisco	2-1	2.47	44	0	0	0	0	43.2	34	15	12	3	0	12	44	1	0
2013	San Francisco	2-2	4.39	52	0	0	0	0	55.1	60	30	27	7	2	18	47	1	0
	Fresno	3-2	4.18	18	0	0	0	4	23.2	19	11	11	3	0	3	26	1	0
2014	Fresno	3-3	2.08	30	0	0	0	4	47.2	41	17	11	4	О	11	58	2	0
	San Francisco	4-0	2.78	24	0	0	0	0	32.1	24	10	10	1	0	11	27	1	0
2015	San Francisco	4-4	2.33	73	0	0	0	0	73.1	57	20	19	9	0	12	44	3	0
2016	San Francisco	3-2	2.53	57	0	0	0	0	53.1	42	19	15	3	2	20	35	1	0
	Sacramento	0-0	2.45	4	0	0	0	0	3.2	5	1	1	0	0	0	2	1	0
2017	San Francisco (3)	0-5	3.83	50	0	0	0	0	51.2	52	24	22	8	0	17	55	2	0
	Pittsburgh	1-1	1.84	15	0	0	0	1	14.2	9	3	3	1	0	3	15	0	0
Minor	League Totals	33-38	3.18	212	77	1	0	11	636.1	559	267	225	61	13	198	639	27	0
N.L. T	otals	16-15	3.00	315	0	0	0	1	324.1	278	121	108	32	4	93	267	9	0
A.L To	otals	0-0	3.00	7	0	0	0	0	6.0	4	2	2	1	0	3	6	0	0
Major	League Totals	16-15	3.00	322	0	0	0	1	330.1	282	123	110	33	4	96	273	9	0

Selected by New York (AL) in 2002 First-Year Player Draft (fifth round). (1)Selected by San Diego in Rule 5 Draft on 12/9/10...Returned to New York (AL) on 3/14/11. (2)Acquired by San Francisco from New York (AL), 4/4/12, in deal for catcher Chris Stewart. (3)Claimed off waivers by Pittsburgh from San Francisco on 8/5/17.

DIV	ISION SER	IES S	TATIS	TIC	S													
YEAR	CLUB/OPP	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2012	SF vs. Cin.	0-0	0.00	4	0	0	0	0	3.2	2	0	0	0	0	0	2	0	0
2016	SF vs. Chi.	0-0	4.50	1	0	0	0	0	2.0	1	1	1	1	0	0	1	0	0
Divisio	on Series Totals	0-0	1.59	5	0	0	0	0	5.2	3	1	1	1	0	0	3	0	0

CHAMPIONS	HIP SE	RIES	STA	TIS	TIC	S											
YEAR CLUB/OPP	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP I	вк
2012 SF vs. Stl.	0-0	13.50	3	0	0	0	0	1.1	2	2	2	0	0	0	0	0	0
L.C.S. Totals	0-0	13.50	3	0	0	0	0	1.1	2	2	2	0	0	0	0	0	0

WORLD SERI	WORLD SERIES STATISTICS																
YEAR CLUB/OPP	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2012 SF vs. Det.	0-0	54.00	1	0	0	0	0	0.1	2	2	2	1	0	1	0	0	0
World Series Totals	0-0	54.00	1	0	0	0	0	0.1	2	2	2	1	0	1	0	0	0

MAJOR LEAGUE DEBUT

1ST MAJOR LEAGUE SAVE

1ST MAJOR LEAGUE WIN

September 10, 2011 at Los Angeles (AL)

October 1, 2017 at Washington

August 29, 2012 at Houston

LIFETIN	LIFETIME FIELDING STATISTICS													
PITCHER	PCT	G	GS	РО	A	E	тс	DP	TP					
2011		7	0	0	0	0	0	0	0					
2012	.889	44	0	4	4	1	9	0	0					
2013	1.000	52	0	4	7	0	11	0	0					
2014	1.000	24	0	1	3	0	4	0	0					
2015	1.000	73	0	4	7	0	11	1	0					
2016	1.000	57	0	6	8	0	14	1	0					
2017	.933	65	0	5	9	1	15	0	0					

HIT'	TING	T	0	TΔ	L	5				
YEAR	AVG	АВ	R	н	2B	3B	HR	RBI	вв	SAC
2012	.000	1	0	0	0	0	0	0	0	0
2013	.000	1	0	0	0	0	0	0	0	1
2014	.000	1	0	0	0	0	0	0	0	1
2015	.000	2	0	0	0	0	0	0	0	1
2017	.000	2	0	0	0	0	0	0	0	0
CAREE	R .000	7	0	0	0	0	0	0	0	3

KONTOS HIGHLIGHTS

.969 315

CAREER

MOST STRIKEOUTS: 4 K's (5 times), last on 6/11/17 vs. Minnesota.

38

MOST INNINGS PITCHED: 3.1 IP, 7/22/13 vs. Cincinnati.

MOST WALKS: 3 BB (3 times), 4/7/17 at San Diego, 7/28/16 vs. Washington & 8/31/15 at Los Angeles (NL).

LONGEST SCORELESS INNINGS STREAK: 11.2 IP (5/23 to 6/16/15).

LONGEST WINNING STREAK: 4 games (5/28 to 9/2/14). **LONGEST LOSING STREAK:** 6 games (4/7 to 9/9/17).

GRAND SLAM INFORMATION

The Pirates have hit a total of 270 grand slams in their 131-year history. Of that total, here are some interesting facts

PINCH HIT GRAND SLAMS (18)

<u>PLAYER</u>	DATE AND OPPONENT	INNING
Jim Russell	August 20, 1944 vs. Brooklyn	7th
Ralph Kiner	September 11, 1948 at Chicago	8th
Jack Phillips	July 8, 1950 vs. St. Louis	9th
Jerry May	June 8, 1969 at Atlanta (game 1)	7th
Willie Stargell	July 3, 1973 at St. Louis (game 2)	9th
Dave Parker	September 8, 1974 vs. Montreal	8th
John Milner	August 5, 1979 vs. Philadelphia (game 1) 9th
John Milner	August 15, 1982 vs. St. Louis (game 1)	7th
Mike Easler	September 3, 1983 at Atlanta	7th
Richie Hebner	September 15, 1983 vs. Chicago	8th
Curtis Wilkerson	September 19, 1991 vs. St. Louis	9th
Mike Kingery	July 23, 1996 vs. Montreal	6th
Kevin Young	August 31, 1999 at Colorado	9th
Craig Wilson	July 17, 2003 vs. Milwaukee	5th
Jason Michaels	June 2, 2008 at St. Louis	7th
Travis Snider	May 21, 2013 vs. Chicago	6th
Michael Morse	September 12, 2015 vs. Milwaukee	7th
Josh Bell	July 9, 2016 vs. Chicago	5th

GRAND SLAMS BY PITCHERS (6)

<u>PITCHER</u>	DATE
Deacon Phillippe	July 22, 1910
Al McBean	July 28, 1968
Bruce Kison	August 26, 1979
Enrique Romo	October 1, 1980
Don Robinson	September 12, 1985
Denny Neagle	June 27, 1995

GRAND SLAMS ON BIRTHDAYS (3)

0.0.0.0		
<u>PITCHER</u>	<u>AGE</u>	DATE
Frank Thomas	29	6/11/58
Bill Mazeroski	30	9/5/69 (GM 1)
R. I. Reynolds	27	4/19/86

OPENING DAY GRAND SLAMS (2)

<u>PLAYER</u>	DATE
Roberto Clemente	April 10, 1962
Neil Walker	April 1, 2011

GRAND SLAM IN BACK-TO-BACK GAMES

h	PLAYER	<u>DATE</u>
	Phil Garner	September 14-15, 1978

OPS

2017



CHAD KUHL

RIGHT-HANDED PITCHER • #39

AGE: 25 (turns 26 on September 10) BATS/THROWS: R/R

BORN: 9/10/92 in Newark, DE M.L. SERVICE: 1 year, 79 days

RESIDES: Bear, DE OBTAINED: Pittsburgh's 9th round selection

HEIGHT/WEIGHT: 6-3/220 in 2013 First-Year Player Draft

@KuhlWhhip_11

LAST SEASON:

2017 SEASON: Spent entire season in the starting rotation and pitched a professional season-high 157.1 innings...Went 6-5 with a 4.46 ERA in 16 starts at home and 2-6 with a 4.23 ERA in 15 starts on the road...Posted a 2.50 ERA in 10 starts during the afternoon...Tied for the ninth-lowest HR/per 9.0ip ratio (0.97) among N.L. pitchers with at least 150.0ip....Picked up the win in his first start on 4/8 vs. Atlanta despite walking a career-high six batters...Walked as a pinch hitter on 4/16 at Chicago (NL)... Gave up a career-high nine runs in 1.2ip while losing his second decision on 4/24 vs. Chicago...Left his start on 4/30 at Miami after being struck by a batted ball on the right knee in the fifth inning (right knee contusion)...Was charged with two earned runs or less in five of his first six starts thru 5/5...Pitched 3.0 scoreless frames on 5/5 vs. Milwaukee before a rain delay of 2:27 Gave up a career-high 10 hits in an 8-4 loss on 5/16 vs. Washington (4.0ip/6er)...Snapped his six-game losing streak with a win on 6/20 at Milwaukee...Tossed a career-high 7.0 innings on 7/6 at Philadelphia...Made an emergency start on 7/9 at Chicago in place of Jameson Taillon (flu-like symptoms) on just two days rest; the first Pirates pitcher to start on two days rest since Rick Rhoden did so on June 18 and June 21, 1983 ... Snapped an O-for-26 streak at the plate with a single off Milwaukee's Brent Suter on 7/17 - was his first hit since 9/26/16...Tossed 7.0 scoreless innings while winning his second game at PNC Park and first since 4/8 on 8/3 vs. Cincinnati... Tallied his first two career RBI with a two-run single off Detroit's Matthew Boyd on 8/8...Doubled off Michael Wacha for his first career extra-base hit on 8/19...Grounded out as a pinch hitter in the 12th inning on 8/21 vs. Los Angeles...Picked a runner off first base on 8/24 vs. LA...Had a career-high eight strikeouts on 9/4 vs. Chicago (NL) while pitching 7.0 scoreless innings... Surrendered four solo home runs in a 4-2 loss on 9/15 at Cincinnati: first Pirates starter to surrender four home runs in a game since righthander Edinson Volquez did so May 17, 2014... Went 5-1 with a 2.36 FRA (45.2ip/12er) in his last eight starts at PNC Park...Surrendered seven home runs in his 78.2ip at PNC Park and just one long ball in his last eight starts at home (39.2ip)...Went 5-for-48 (.104) with two doubles, three RBI, one walk and three sacrifice bunts at the plate.

CAREER HIGHLIGHTS:

2016: Began season with Triple-A Indianapolis...Tossed 5.0 scoreless innings and recorded his first win on 4/20 vs. Toledo... Finished the month of April with a 2-0 record and a 131 FRA (20.2ip/3er)...Pitched 6.0 scoreless frames on 5/11 at Syracuse and followed that up with 7.0 scoreless innings and one hit allowed on 5/16 vs. Columbus...Produced a 19.0-inning scoreless streak from 5/11-21...Gave up four runs (one earned) and suffered first loss on 5/21 vs. Scranton/WB...Was charged with two earned runs or less in each of his first 10 starts thru 5/31...Was selected by Pittsburgh and made his Major League debut on ESPN's Sunday Night Baseball on 6/26; opposed Clayton Kershaw and won a 4-3 decision (5.0ip/3er) for his first big league win...Became the first University of Delaware pitcher to start a big league game since Dallas Green did so for the Washington Senators on May 7, 1965...Singled off Chicago's Jon Lester for first Major League hit on 7/9 at PNC Park...Gave up just one hit and tossed 6.0 scoreless innings while out-dueling Max Scherzer on 7/17 at Washington; was in line for a 1-0 win before the Nationals tied the game in the bottom of the ninth... Was optioned to Indianapolis on 7/19... Left his start after the first inning on 7/23 with right triceps discomfort...Gave up one unearned run in 6.0ip and lost a 1-0 decision at Columbus on 8/1...Was recalled by Pittsburgh on 8/9 and started that night vs. San Diego; won a 6-4 decision over Luis Perdomo (6.0ip/2er)...Improved to 3-0 after winning his sixth start on 8/14 at Los Angeles (6.0ip/2er); the Pirates were victorious in each of his first six starts; the first time since 1970 that the Pirates won each of the first six starts of a pitcher (Jim Nelson)...Suffered his first big league loss on 8/20 vs. Miami (6.0ip/3r/2er); a 3-1 setback to David Phelps...Was the winning pitcher (6.0ip/2er) while pitching in front of about 100 friends and family members on 9/15 at Philadelphia (Delaware native)... Gave up one run in 6.0ip while winning his final decision on 9/21 at Milwaukee...Was charged with two earned runs or less in eight of his last 11 starts with the Pirates and in nine of his 14 big league starts overall

2015: Spent entire season with Double-A Altoona and was named the club's Pitcher-of-the-Year...Finished third in the Eastern League in ERA, sixth in wins and 10th in strikeouts...Also posted the seventh-best WHIP (1.14) among Eastern League hurlers...

Allowed one run in 5.0 innings while winning his debut on 4/12 at Harrisburg and posted a 1.64 ERA (22.0ip/4er) in four starts during the month of April...Surrendered first home run of the season in his eighth start while also losing for the first time on 5/22 at New Hampshire...Whiffed a season-high tying seven batters over 6.0 scoreless innings while winning a 4-0 decision on 5/27 at New Britain...Went 3-1 with a 0.61 ERA (29.2ip/2er) in five starts during the month of July...Tossed a 6.0-inning complete game and lost a 2-0 decision in the first game of a doubleheader on 7/17 at Richmond...Did not allow an earned run in three straight starts (18.0ip) from 7/5-17...Went 4-0 over a seven-start stretch from 7/22 to 8/28...Had team-high 23.1 scoreless innings streak come to an end in outing on 8/28... Went 7-1 with a 1.41 ERA (64.0ip/10er) in his last 11 starts with Altoona...Was promoted to Indianapolis on 9/15 after Altoona was eliminated from the playoffs...Started and allowed one run over 7.0 innings in Triple-A debut while coming away with a nodecision in Indianapolis' 5-4 walkoff win vs. Columbus on 9/18 in Game Four of the Governors Cup Finals.

2014: Tied for the Florida State League lead in wins, finished first in starts, innings pitched and winning percentage (.722) while spending entire campaign with Bradenton...Also ranked seventh in ERA...Led all Pirates farmhands in wins; his 13 victories were also a single-season Bradenton Marauders record...Tossed 5.0 scoreless innings in season debut on 4/4 at Charlotte...Was charged with two earned runs or fewer in 18 of his 28 starts overall...Had four-game winning streak come to an end on 6/16 before winning each of his final six decisions from 6/21 thru the end of the campaign.

2013: Made professional debut with Single-A Jamestown of the New York-Penn League after being selected by Pittsburgh in the ninth round of the First-Year Player Draft...Started and tossed 3.0 scoreless innings in his pro debut on 6/21 vs. Williamsport... Did not allow a run in first three starts (10.0ip) from 6/21 to 7/11... Recorded first career win on 7/23 with 5.0 scoreless innings at Batavia...Did not surrender a home run in his 55.1 innings of work and surrendered more than two earned runs in just one of his 13 starts.

PERSONAL: Chad Michael Kuhl (pronounced Cool)...Is a 2010 graduate of Middleton (DE) High School...Attended the University of Delaware, where he went 10-2 with a 3.75 ERA (105.2ip/44er) and 76 strikeouts in 2013 as a junior... Was named

a second-team Colonial Athletic Association selected in 2013; (was the first pitcher from the University of Delaware to win 10plus games since 2002)...Signed by Pirates scout Brian Selman.

LIF	ETIME PIT	CHING	STA	TIS	TIC:	5												
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2013	Jamestown	3-4	2.11	13	13	0	0	0	55.1	53	22	13	0	5	6	33	1	0
2014	Bradenton	t 13-5	3.46	28	*28	0	0	0	*153.1	141	67	59	9	15	42	100	3	0
2015	Altoona	11-5	2.48	26	26	1	0	0	152.2	133	53	42	10	4	41	101	6	0
2016	Indianapolis	6-3	2.37	16	16	0	0	0	83.2	81	27	22	9	4	16	66	2	0
	Pittsburgh	5-4	4.20	14	14	0	0	0	70.2	73	34	33	7	4	20	53	2	0
2017	Pittsburgh	8-11	4.35	31	31	0	0	0	157.1	159	81	76	17	6	72	142	8	1
Minor	League Totals	33-17	2.75	83	83	1	0	0	445.0	408	169	136	28	28	105	300	12	0
Major	League Totals	13-15	4.30	45	45	0	0	0	228.0	232	115	109	24	10	92	195	10	1

(*)Led League

PERSONAL:

(t)Tied for League Lead Selected by Pittsburgh in 2013 First-Year Player Draft (9th round).

MAJOR LEAGUE DEBUT

June 26, 2016 vs. Los Angeles (NL)

1ST MAJOR LEAGUE WIN

June 26, 2016 vs. Los Angeles (NL)

	MEE	IELDIN	IC CTA	TICTI	~
L	 M = E	IELLJIN			

PITCHER	PCT	G	GS	РО	A	E	тс	DP	TP
2016	1.000	14	14	7	12	0	19	1	0
2017	1.000	31	31	10	19	0	29	2	0
CARFER	1000	45	45	17	31	0	48	3	0

HITTING TOTALS

YEAR	AVG	АВ	R	н	2B	3B	HR	RBI	вв	SAC
2016	.087	23	0	2	0	0	0	0	1	2
2017	.104	48	2	5	2	0	0	3	1	3
CAREE	R .099	71	2	7	2	0	0	3	2	5

FIRST M.L. HIT: 7/9/16 (Jon Lester - 1B) FIRST M.L. RBI: 8/8/17

HOME RUNS: No Major League Home Runs **AB SINCE LAST HIT:** 3

CAREER AS PINCH HITTER: O-for-2 with one walk

KUHL HIGHLIGHTS

MOST STRIKEOUTS: 8 K's, 9/4/17 vs. Chicago (NL).

MOST INNINGS PITCHED: 7.0 IP (3 times), 9/4/17 vs. Chicago (NL), 8/3/17 vs. Cincinnati & 7/6/17

at Philadelphia.

MOST WALKS: 6 BB, 4/8/17 vs. Atlanta.

LONGEST SCORELESS INNINGS STREAK: 12.0 IP (8/3 to 8/8/17).

LONGEST WINNING STREAK: 3 games (6/26 to 8/14/16). **LONGEST LOSING STREAK:** 6 games (4/18 to 6/14/17).

BASEBALL

ISTORY



JACK LEATHERSICH

LEFT-HANDED PITCHER • #52

AGE: 27 (turns 28 on July 14) BORN: 7/14/90 in Beverly, MA RESIDES: Beverly, MA

HEIGHT/WEIGHT: 5-11/205

BATS/THROWS: R/L
M.L. SERVICE: 116 days

OBTAINED: Claimed off waivers from Chicago

(NL) on 9/4/17

LAST SEASON:

2017 SEASON: Spent majority of season with lowa (Cubs' AAA)...Allowed seven of his 14 earned runs with lowa in four appearances in April...Recorded a 1.52 ERA (41.lip/7er) in 21 outings from 5/1 thru the end of the regular season... Lost each of his first three decisions before earning his first win on 7/30 at Albuquerque...Was recalled by Chicago on 7/4 and made his only appearance with the Cubs on 7/6 vs. Milwaukee (0.2ip/2er)...Was optioned to lowa for the remainder of the season on 7/6...Earned his only save on 8/14 at Omaha...Was scored upon just once in his final 18 appearances after allowing three unearned runs on 8/15... Posted a 0.55 ERA (32.2ip/2er) and 56 strikeouts in his final 29 games with lowa, dating back to the start of June...Was claimed off waivers by Pittsburgh on 9/4 and assigned to Indianapolis for the International League playoffs...Went

0-1 with a 9.00 ERA (2.0ip/2er) in three postseason games; suffered the loss in Game Four against Durham on 9/9 (elimination game)...Was recalled by Pittsburgh on 9/10 and made his debut with the Pirates on 9/12 at Milwaukee (1.0ip/0r)...Was not charged with a run in his six appearances with the Pirates and held left-handed batters hitless in six at bats. New York-Penn League...Allowed an earned run in just one of his first seven starts while producing a 0.80 ERA (33.2ip/3er)...Gave up three hits over 5.0 scoreless innings while earning the win in his professional debut on 6/22 vs. Mahoning Valley...Allowed four runs (three earned) on 7/2 vs. Batavia before not allowing a run in his next four starts (20.0ip) from 7/8-25...Went 2-1 with a 1.14 ERA (23.2ip/3er) in five starts during the month of July.

MINOR LEAGUE HIGHLIGHTS:

2016: Posted a 1.93 ERA in 26 total games (23.1ip/5er) between rookie level Mesa, Double-A Tennessee and lowa... Made season debut with Mesa on 6/22 as part of a rehab stint...Was activated from the D.L. on 7/22 and assigned to Tennessee...Made 11 relief appearances with the Smokies before being promoted to lowa on 8/22...Did not allow a hit in his five Triple-A relief appearances.

2015: Began season with Las Vegas (Met's AAA)....Was recalled by New York on 4/29 and made Major League debut that night at Miami (0.1ip/lh/0r)...Made one more appearance on 4/30 vs. Washington (0.2ip/lh/0r) before being optioned back to Triple-A on 5/1...Was recalled a second time on 5/14...Did not allow a run in his first 10 big league outings (8.1ip) thru 6/3...Suffered loss in final outing on 6/20 at Atlanta...Was shut down on 6/29 due to injury before having season-ending "Tommy John" surgery on 7/29...Was placed on 60-day disabled list on 8/24...Was claimed off waivers by the Cubs on 11/19.

2014: Began season with Binghamton (Mets' AA)...Picked up Ione save on 5/10...Struck out at least one batter in 33 of his 37 Double-A games and whiffed 79 strikeouts in his 46.0ip...Was promoted to Las Vegas on 8/5...Went 3-3 with

a 3.31 ERA (54.1ip/20er) and 93 strikeouts in 48 total games between the two teams...Struck out at least one batter in 42 of his 48 appearances.

2013: Split season between Binghamton and Las Vegas... Held Double-A opponents to a .181 batting average (19-for-105)...Was promoted to Las Vegas on 6/13...Went 4-0 with a 4.63 ERA (58.lip/30er) and 102 K's in 52 games between the two feams.

2012: Went 2-6 with a 3.00 ERA (72.0ip/24er) and 113 strikeouts in 38 total games between Savannah and St. Lucie...Began season with Savannah, where he struck out three or more hitters in seven of his 12 appearances... Recorded lone save with pitching with Savannah on 4/17 at Rome.

2011: Spent first professional season with Brooklyn in the New York-Penn League after being selected by the Mets in the fifth round of the First-Year Player Draft...Earned first pro save on 8/11 while also giving up his only run of the season (2.0ip/ler).

PERSONAL:

PERSONAL: John Victor Leathersich...Is a 2008 graduate of Beverly (MA) High School, where he was the school's all-time leader in strikeouts and wins...Attended UMass-Lowell, where he went 6-2 with a 1.62 ERA and 126 strikeouts and 12.74 strikeouts per 9.0ip as a junior in 2011; the strikeouts

and strikeouts/per 9.0ip were both single-season school records...Was named the best pro prospect in the 2009 Summer Valley League...Pitched for Orleans in the Cape Cod League in 2010.

LIF	ETIME PITC	HIN	G STA	TIST	FICS	5												
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2011	Brooklyn	0-0	0.71	9	0	0	0	1	12.2	6	1	1	0	0	3	26	0	0
2012	Savannah	0-1	0.75	12	0	0	0	1	24.0	10	4	2	0	5	8	37	0	0
	St. Lucie	2-5	4.13	26	0	0	0	1	48.0	41	25	22	3	5	24	76	3	0
2013	Binghamton	2-0	1.53	24	0	0	0	3	29.1	19	5	5	1	1	16	55	0	1
	Las Vegas	2-0	7.76	28	0	0	0	0	29.0	32	33	25	2	3	29	47	4	0
2014	Binghamton	3-3	2.93	37	0	0	0	1	46.0	38	17	15	1	4	21	79	2	0
	Las Vegas	0-0	5.40	11	0	0	0	0	8.1	8	6	5	2	1	7	14	0	0
2015	Las Vegas	0-0	5.40	13	0	0	0	0	13.1	10	8	8	3	1	7	22	1	0
	New York - NL (1)	0-1	2.31	17	0	0	0	0	11.2	12	3	3	0	1	7	14	0	0
2016	Mesa (#)	1-0	1.13	10	1	0	0	0	8.0	4	1	1	0	0	3	16	1	0
	Tennessee	0-0	3.48	11	0	0	0	0	10.1	11	4	4	О	1	4	12	0	0
	lowa	0-0	0.00	5	0	0	0	0	5.0	0	1	0	0	0	6	6	0	0
2017	Iowa	2-4	2.84	41	0	0	0	1	44.1	25	19	14	3	5	28	72	2	0
	Chicago - NL (2)	0-0	27.00	1	0	0	0	0	0.2	1	2	2	0	0	4	1	0	0
	Pittsburgh	0-0	0.00	6	0	0	0	0	4.1	3	0	0	0	0	2	6	0	0
Minor	League Totals	12-13	3.30	227	1	0	0	8	278.1	204	124	102	15	26	156	426	13	1
Major	League Totals	0-1	2.70	24	0	0	0	0	16.2	16	5	5	0	1	13	21	0	0

(#)Injury Rehab Assignment

(*) The second of the same of the second of

MAJOR LEAGUE DEBUT

April 29, 2015 at Miami

LIFETIN	1E FIE	ELD	ING	ST/	ATIS	TIC	S		
PITCHER	PCT	G	GS	РО	A	E	тс	DP	TP
2015	1.000	17	0	0	2	0	2	0	0
2017		7	0	0	0	0	0	0	0
CAREER	1.000	24	0	0	2	0	2	0	0

LEATHERSICH HIGHLIGHTS

MOST STRIKEOUTS: 3 K's (twice), 6/20/15 at Atlanta & 5/20/15 vs. St. Louis.

MOST INNINGS PITCHED: 1.2 IP, 5/20/15 vs. St. Louis.

MOST WALKS: 4 BB, 7/6/17 vs. Milwaukee.

LONGEST SCORELESS INNINGS STREAK: 8.1 IP (4/29 to 6/3/15).

LONGEST WINNING STREAK: No Major League wins. LONGEST LOSING STREAK: 1 game (6/20/15).

ENERAL



JORDAN LUPLOW

OUTFIELDER • #47

AGE: 24 (turns 25 on September 26) BORN: 9/26/93 in Visalia, CA

RESIDES: Phoenix, AZ
HEIGHT/WEIGHT: 6-1/195

@J_Luppp

BATS/THROWS: R/R
M.L. SERVICE: 41 days

OBTAINED: Pittsburgh's 3rd round selection

in 2014 First-Year Player Draft

AWARDS & HONORS:

- Pittsburgh's Minor League Player-of-the-Year in 2017.
- · 2017 Eastern League All-Star (mid-season).

LAST SEASON:

2017 SEASON: Hit .302 (125-for-414) with 22 doubles, 23 home runs and 56 RBI in 117 minor league games and was named Pittsburgh's Minor League Player-of-the-Year...Also produced a .381 OBP and a .907 OPS during his time in the minors...His 23 home runs led the minor league system and were the most by a Pirates minor league player since JaCoby Jones hit 23 in 2014...Set minor league career highs in batting, games, hits and home runs; tied career high in runs scored (also 2015)...Began season with Double-A Altoona, where he was named to the Eastern League midseason All-Star team...Hit .500 (11-for-22) with five homers in seven games between 5/29 and 6/4 and was named Eastern League Player-of-the-Week...Became fastest Curve player ever to reach 14 home runs to open a season on 6/6. accomplishing the feat in 52 games...Was tied for fifth in the Eastern League with 16 home runs when he was promoted to Indianapolis on 6/30...Hit safely in each of his first seven Triple-A games, going 10-for-27 (.370) with three homers and seven RBI...Scored four runs on 7/6 at Columbus; the first Indy player to do so since Steve Pearce on 5/29/09... Was selected by Pittsburgh on 7/28 and made Major League debut that night in San Diego; started in right field and went 0-for-3 at the plate...Went hitless in nine at bats (four games) with the Pirates before being optioned back to Triple-A on 8/2...Was recalled on 8/28 and hit .246 in 20 games during the month of September...Singled off Cincinnati's Tyler Mahle for first big league hit on 9/2, snapping an 0-for-



12 streak to begin his career...Connected off Cincinnati LHP Wandy Peralta for first Major League homer on 9/2... Collected first Major League triple on 9/24 vs. St. Louis (also homered in the game)...Made 13 starts in right field and seven in left field for the Pirates...Hit .225 (16-for-71) with three doubles, three homers and 11 RBI in his 20 starts.

MINOR LEAGUE HIGHLIGHTS:

2016: Spent entire season with High-A Bradenton...Made all 81 defensive appearances (79 starts) in left field...Hit .317 (19-for-60) in 19 games during the month of June.

2015: Made a position change from outfield to third base while playing the entire season with West Virginia...Ranked second in the South Atlantic League in extra-base hits (51) and tied for second in runs scored...Also tied for fourth in doubles and slugging percentage...Set minor league career highs in doubles and RBI...Also swiped 11 bases in 13 attempts...Made all 86 defensive appearances at third base...Was named the league's Player-of-the-Week after hitting .382 (13-for-34) with two homers and eight RBI during the week of 8/3-10...Hit safely in 13 straight games between 8/2-15 (21-for-53..396).

2014: Spent first professional season with Jamestown after being selected by Pittsburgh in the third round of the First-Year Player Draft...Was named the team's Most Valuable Player...Led all New York-Penn outfielders with 17 assists... Made 46 appearances (45 starts) in left field and 12 starts in right field...Had nine assists from LF and eight from RF... Hit .366 (15-for-41) with two home runs and eight RBI in his first 12 progames thru 7/3

MISC: Rated by Baseball America as having the "Best Outfield Arm" in the system prior to the 2018 season.

PERSONAL:

PERSONAL: Jordan T. Luplow (pronounced "LOOP-low")... Is a 2012 graduate of Buchanan High School in Clovis, CA....Named first-team all-conference as a junior after hitting .420 with eight home runs, 11 doubles and 30 RBI... Participated in California North/South series and Rawlings NorCal World Series in 2011...Missed most of his senior high school season rehabbing from injury and appeared in just four games...Was also a First-team all-conference selection in football as a kicker and defensive back...Played baseball at Fresno State for three seasons (2012-2014); was a teammate of New York's Aaron Judge in 2012 and 2013... Was honored as the Mountain West Conference Player-of-the-Year in 2014 after hitting .377 with 21 doubles,

one triple, nine homers, 48 RBI and 40 runs scored in 57 games...Was also announced as a Golden Spikes Award semifinalist in 2014 and was named a finalist for the Gregg Olson Award, recognizing college baseball's breakout player-of-the-year...Was named a second-team NCAA All-American and a Collegiate Baseball Newspaper Louisville Slugger third-team All-American in 2014...Batted .314 with 14 home runs and 103 RBI in 157 games during his three seasons at Fresno State...Hit .325 with four homers and 28 RBI in 41 games with the Orleans Firebirds in the 2013 Cape Cod League...His great uncle, Al Luplow, spent seven seasons in the Majors (1961-1967) and played for the Pirates in 1967...Signed by Pirates scout Mike Sansoe.

LIFETI	ME BA	TTIN	IG S	TATI	STIC	S														
YEAR CLU	IB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	вв	so	SB	cs	ОВР	SLG	E
2014 Jam	estown	.277	62	220	31	61	12	1	6	30	6	3	3	27	44	10	6	.360	.423	1
2015 Wes	st Virginia	.264	106	390	74	103	36	3	12	67	6	4	6	59	67	11	2	.366	.464	21
2016 Brad	denton	.254	104	354	63	90	23	3	10	54	6	1	4	60	78	6	2	.363	.421	2
2017 Alto	ona	.287	73	254	45	73	15	0	16	37	0	1	4	29	45	1	3	.368	.535	0
Indi	anapolis	.325	44	160	29	52	7	1	7	19	0	1	5	16	36	4	1	.401	.513	3
Pitt	sburgh	.205	27	78	6	16	3	1	3	11	0	1	2	6	22	0	1	.276	.385	1
Minor Leag	gue Totals	.275	389	1378	242	379	93	8	51	207	13	15	22	191	270	32	14	.369	.465	27
Major Leag	gue Totals	.205	27	78	6	16	3	1	3	11	0	1	2	6	22	0	1	.276	.385	1

Selected by Pittsburgh in 2014 First-Year Player Draft (3rd round).

LIFETIN	LIFETIME FIELDING STATISTICS														
LEFT FIELD	PCT	G	GS	PO	A	E	TC	DP	TP						
2017	1.000	10	7	21	0	0	21	0	0						
CAREER	1.000	10	7	21	0	0	21	0	0						

LIFETIN	1E FI	ELC	DING	S ST	ATI	STIC	CS		
RIGHT FIELD	PCT	G	GS	РО	A	E	TC	DP	TP
2017	.952	14	13	19	1	1	21	0	0
CAREER	.952	14	13	19	1	1	21	0	0

MAJOR LEAGUE DEBUT

July 28, 2017 at San Diego

FIRST MAJOR LEAGUE HIT DATE PITCHER CANADADA O CONTANT CIRCIPATÓ DE TORONOMO DE TORONOMO

September 2, 2017 vs. Cincinnati.....Tyler Mahle - 1B

FIRST MAJOR LEAGUE	HR
DATE	PITCHER
Ct) 4 (- D t -

September 2, 2017 vs. Cincinnati...... Wandy Peralta

LUPLOW HIGHLIGHTS

 $\textbf{MOST HR/GAME:} \ 1 \ \text{HR} \ (3 \ \text{times}), \ 9/24/17 \ \text{vs. St. Louis}, \ 9/5/17 \ \text{vs. Chicago} \ (\text{NL}) \ \& \ 9/2/17 \ \text{vs. Cincinnati.}$

MOST HITS/GAME: 2 hits (5 times), last on 9/24/17 vs. St. Louis.

MOST RBI/GAME: 3 RBI, 9/2/17 vs. Cincinnati.

LONGEST HITTING STREAK: 2017: 4 games Career: 4 games (2017).



STARLING MARTE

OUTFIELDER • #6

AGF: 29

BORN: 10/9/88 in Santo Domingo, D.R. M.L. SERVICE: 4 years, 162 days

RESIDES: Santo Domingo, D.R. HEIGHT/WEIGHT: 6-1/190

@Starlingmart

BATS/THROWS: R/R

OBTAINED: Signed as a non-drafted free

agent on 1/4/07

AWARDS & HONORS:

- Participated in the 2017 World Baseball Classic (D.R.).
- 2016 National League All-Star.
- Two-time Rawlings Gold Glove Award winner (2015 & 2016).
- 2015 Wilson Defensive Player-of-the-Year (LF).
- · 2012 International League All-Star (mid-season & post-season).
- Participated in the 2011 MLB Futures Game in Phoenix.
- · 2011 Eastern League All-Star (mid-season & post-season).
- 2011 Eastern League Rookie-of-the-Year

LAST SEASON:

2017 SEASON: Went 3-for-12 with a solo homer in three games with the Dominican Republic during the World Baseball Classic in March...Went 3-for-4 and homered off Andrew Miller in a firstround game against Team USA on 3/11 (D.R. won 7-5)...Was the Opening Day starter in center field - his 600th career game...Tied career high (10th time) with four hits on 4/9 vs. Atlanta: also hit his fourth career walkoff home run on 4/9...Stole home as part of a double steal on 4/11 vs. Cincinnati...Received an 80-game suspension, beginning 4/18, after testing positive for Nandrolone, a performance-enhancing substance, in violation of Major League Baseball's Joint Drug Prevention and Treatment Program...Joined the Pirates Extended Spring Training program in Bradenton on 5/2... Began rehab assignment with High-A Bradenton on 7/2; played the first five innings in left field and went 0-for-3 at the plate...Had rehab assignment transferred to Triple-A Indianapolis on 7/4...Went 5-for-18 (.278) in five games between 7/4-9; hit a three-run homer on 7/5 at Columbus...Had rehab assignment transferred to Bradenton on 7/10 during Triple-A All-Star break... Had two games rained out on 7/10 and 7/11; went 1-for-4 with a stolen base with the Marauders on 7/12 before being transferred back to Indianapolis on 7/13...Was recalled from rehab assignment on 7/17 and was reinstated from the MLB Restricted List on 7/18 (the Pirates went 39-41 in the 80 games he missed)...Returned to his left field position after suspension...Tied career high (second time) with four runs scored on 7/21 at Colorado...Homered on 8/19 vs. St. Louis - his first long ball since 4/15...Had six straight multi-hit games between 8/15-20 (13-for-25, .520)...Hit .282 (72for-255) with six doubles, two triples, five home runs, 24 RBI and 19 stolen bases after returning from his suspension on 7/18...His 19 stolen bases since 7/18 ranked third in the National League behind Dee Gordon (28) and Billy Hamilton (20)...Finished season hitting safely in 12 straight games (20-for-46, .435); the longest streak by a Pirates player in 2017 and one game shy of his career high (2014)...Made 56 starts in left field and 19 in center field; had eight assists (six from left field and two from center field).

CAREER HIGHLIGHTS:

2016: Was named to the National League All-Star team for the first time in his career (replaced the injured Yoenis Cespedes); singled off Andrew Miller as a pinch hitter in the ASG. Won his second straight Rawlings Gold Glove award - the first Pittsburgh player to capture back-to-back awards since outfielders Barry Bonds and Andy Van Slyke in 1991-92...Became the first Pirates player to have at least 40 steals and 30 doubles in a season since Barry Bonds (52 and 32) in 1990...Established career highs in batting, doubles, stolen bases, slugging and OPS (.818)...Ranked third among N.L. players in stolen bases...Finished sixth in the National League batting race; his .319 road average ranked ninth and his .323 average in day games was the sixth-highest in the circuit...Also ranked sixth among N.L. batters with a .355 average during interleague play...Led National League with 17 outfield assists; the most by a Pittsburgh player since Dave Parker had 26 in 1977...Became the first Pittsburgh player to steal 30 or more bases in four straight seasons since Barry Bonds (1989-1992)... Made his fourth straight Opening Day start in left field - the first Pittsburgh player to make four straight O.D. starts in left field since Jason Bay (2005-2008)...Connected off J.J. Hoover for first career grand slam on 4/8 at Cincinnati...Hit .323 in April, .326 in May and .345 in June... Was ejected from the game on 5/11 at Cincinnati for his disagreement in a caught stealing call at second base...Was on the Paternity List from 5/16-18 while his wife gave birth to daughter Tiana on 5/16...Was reinstated from the Paternity List on 5/19...Was hitting .331 after going 3-for-4 on 6/29 at Seattle...Picked up his 30th stolen base on 7/10 vs. Chicago; became the fourth Pittsburgh player to steal 30 or moe bases prior to the All-Star break (also Frank Taveras, Omar Moreno and Tony Womack)... Hit a game-winning home run in the 18th inning on 7/17 at Washington - just the fourth player in Pirates history to hit a home run in the 18th inning or later, joining Art Wilson (1916 at Wrigley Field), Jeff King (1989 against the Cubs in Pittsburgh) and Pedro Alvarez (2012 at St. Louis); Alvarez's homer came in the 19th inning, the others in the 18th...Recorded his 200th career extra-base hit on 8/6 in his 571st Major League game; among Pirates players to debut in the last 40 seasons (since 1977), only Barry Bonds (465 games), Andrew McCutchen (493) and Aramis Ramirez (564) totaled 200 extra-base hits in fewer games...Missed 24 of the last 27 games (from 9/6 on) due to back discomfort...Started the game on 9/22 at Milwaukee, but left in the third inning (back)... Tied for fourth in the league with 16 HBP...Was selected to The Sporting News N.L. All-Star team following the season.

2015: Was one of four players in MLB with at least 10 home runs and 30 stolen bases (also A.J. Pollock, Jose Altuve and Charlie Blackmon)...Established career highs in home runs, RBI, games and runs scored...Led National League with 19 game-winning RBI; the most in one season by a Pittsburgh player since the stat was introduced by Major League Baseball in 1980...Ranked fifth in the N.L. in stolen bases...Captured his first Rawlings Gold Glove award and was named the Wilson Defensive Player-of-the-Year for left field...Made 141 appearances (133 starts) in left field and 18 appearances (10 starts) in center field...Led N.L. left fielders in fielding percentage (.995), making just one error in 196 total chances...Led National League outfielders with 16 assists...Ranked second among league leaders in being hit by pitch...Hit .327 (64for-196) in 49 games while batting fourth in the lineup... Made his third straight Opening Day start in left field...His sac fly on 4/10 at Milwaukee was his first since 5/26/13 - also at Miller Park (224 games and 907 plate appearances between)...Homered in backto-back games on 4/17-18 and had a career-high five RBI on 4/18 vs. Milwaukee...Hit four home runs in a five-game stretch between 4/17-21...Left the game on 4/22 vs. Chicago after being hit in the right hand by Jason Hammel (soft tissue contusion)...Delivered walkoff single in 13th inning to give Pirates 1-0 win on 6/12 vs. Philadelphia...Produced four straight games of at least three hits (13-for-21) from 6/12-15 - the first Pittsburgh player to do so since Willie Stargell, who went 14-for-17 over a four-game span in 1973 (September 7-10)...Had five straight multi-hit games between 6/12-16, raising season average from .251 to .286...Stole home as part of a double steal on 6/27 vs. Atlanta...Had sixth career fourhit game on 7/1 at Detroit while also hitting his 13th home, tying

HISTORY

CAREER HIGHLIGHTS (CONTINUED):

single-season career high...Left game on 7/5 with discomfort in left side and missed the next five games...Returned to action on 7/11...Hit .351 (27-for-77) in 20 games during the month of July... Connected off San Francisco's George Kontos for second career walkoff home run on 8/22...Went 13-for-20 during the four-game series in Colorado from 9/21-24; his 13 hits tied the club record for most hits in a four-game series, a feat first accomplished by Hall-of-Famer Pie Traynor against the Phillies in 1928 (August 2-4)...Hit a two-run walkoff homer off Cincinnati's Collin Balester in the 12th inning on 10/2...Hit .325 (37-for-114) in his final 30 regular season games, beginning on 9/2.

2015 POSTSEASON: Batted fourth and went 0-for-4 in Wild Card Game vs. Chicago on 10/7...Also had an outfield assist in the ninth inning

2014: Was one of three players in MLB to hit at least 10 home runs and steal at least 30 bases (also Carlos Gomez and Jacoby Ellsbury)...Ranked second among National League players with a .348 (65-for-187) average and fourth with a .975 OPS after the All-Star break (minimum: 200 PA's)...Led club in stolen bases and tied for sixth among N.L. leaders in that department...Also tied for third among league leaders in being hit by pitch (17)...Made 114 appearances (107 starts) in left field and 28 appearances (16 starts) in center field. Was one of the three finalists for a Rawlings Gold Glove Award for left fielders...Was successful in 12 straight stolen base attempts from 4/8 to 5/17...Hit seventh in the starting lineup for the first time in his career on 5/1 and went 2-for-3 with a walk and two stolen bases...Hit first career walkoff home run on 5/2; a solo shot off Toronto's Sergio Santos to break a 5-5 tie in the ninth inning; went 4-for-5 in the game while batting sixth in the order...Left game on 5/10 vs. St. Louis with tightness in his back...Reached base safely in all four plate appearances on 5/17 at Yankee Stadium, which included his third home run... Homered again the following day in game two of a doubleheader at Yankee Stadium - also left the game with tightness in his left hamstring...Did not start four straight games between 6/3-7...Left game on 6/24 at Tampa Bay with concussion-like symptoms and a jammed right middle finger after colliding with second baseman on head-first slide on stolen base attempt in fifth inning...Was on the Bereavement List from 7/9-16...Was hit in the head by a 93 mph pitch thrown by Colorado's Adam Ottavino on 7/18...Walked as a pinch hitter on 7/20 and made start in left field on 7/21...Was placed on the 7-day concussion disabled list on 7/23...Was on a rehab assignment with Triple-A Indianapolis from 8/2-4...Recalled from rehab and reinstated from D.L. on 8/5... Batted cleanup in starting lineup for first time in his career on 8/16 at Washington and went 2-for-4 with a double and RBI...Homered twice (second career two-homer game) on 8/18 vs. Atlanta...Made 14 straight starts in center field from 8/5-19 while Andrew McCutchen was on the D.L. and hit .373 (19-for-51) with six doubles, three home runs and eight RBI...Fell a triple shy of hitting for the cycle on 9/8 at Philadelphia...Had five straight multi-hit games from 9/6-10 and a 10-game hitting streak from 8/31 thru 9/10 (16-for-42, .381)... Left the game on 9/11 at Philadelphia after being hit by a pitch on his left arm in his first at bat...Returned to action on 9/14 vs. Chicago (NL); played the final two innings in left field and went hitless in one at bat...Delivered the game-winning hit as the Pirates clinched a playoff berth on 9/23 at Atlanta just like he did on the same date in 2013 at Wrigley Field; the first Pirates player to record the game-winning RBI on the date that the Pirates clinched a postseason berth in two straight years since RBIs became an official statistic in 1920...Hit .363 (33-for-91) in September and finished season with a career-high 13-game hitting streak (18-for-53. .340)...Hit .354 (64-for-181) with 13 doubles, one triple, eight home runs and 22 RBI in 49 games after being reinstated from 7-day concussion D.L. on 8/5.

2014 POSTSEASON: Batted fifth and went 1-for-4 in Wild Card Game vs. San Francisco on 10/1.

2013: Ranked third in the National League in stolen bases and tied for second in triples...Ranked second in HBP and was the sixth-toughest to double up in the league (once every 85 AB)... Led N.L. hitters wih a .402 (37-for-92) average against LHP... Ranked second among N.L. leadoff batters with 12 home runs and third with a .440 slugging percentage...Became the first Pittsburgh player since Jack Wilson in 2004 and the first Bucco outfielder since Andy Van Slyke in 1992 to collect at least 10 doubles, 10 triples and 10 home runs in the same season...Made 124 appearances (113 starts) in left field and 13 appearances (six starts) in center field...Was Pittsburgh's Opening Day starter in left field...Posted five straight multi-hit games from 4/6-10...Tied a Major League record and a club mark (third time) with five strikeouts in a nine-inning game on 4/18 vs. Atlanta...Finished the month of April tied with Pablo Sandoval for the league lead in hits (35)...His 35 hits during the month of April were the most by a Pittsburgh player since Nate McLouth had 35 in 2008...Hit second career home run leading off the first inning on 5/5 vs. Washington...Scored a run in 10 straight games from 4/27 thru 5/8 (11 runs total)...Was scratched from his start on 5/27 due to migraine symptoms...Scored a career-high four runs and had a career-high four hits on 6/12 vs. San Francisco...Was scratched from the starting lineup on 6/14 due to discomfort in his left rib cage and missed three games...Had first career two-homer game while also tripling and scoring three runs on 6/25 at Seattle...Went 22-for-60 (.367) with five doubles, two triples, three home runs and 13 runs scored during a 12-game hitting streak from 6/23 thru 7/7...Suffered a right hand contusion and a sprain to the ring finger on his right hand while being caught stealing third base on 8/18 vs. Arizona...Was placed on the 15-day D.L. on 8/24 (retro to 8/19)...Was reinstated from the D.L. on 9/7 and served as a pinch runner and late-inning defensive replacement for seven games before making start on 9/17 vs. San Diego...Homered off Kevin Gregg in the ninth inning at Wrigley Field on 9/23 to break a 1-1 tie and give the Pirates a 2-1 victory; the win clinched Pittsburgh's first postseason berth since 1992...Swiped a career-high three bases on 9/25 at Chicago.

2013 POSTSEASON: Went 3-for-24 (.125) in six games...Went 2-for-5 with a double in the Wild Card Game vs. Cincinnati on 10/1...Hit a solo home run off Shelby Miller in Game Two of the Division Series at St. Louis on 10/4...Went hitless in his last 12 at bats in the N.I.D.S.

2012: Was recalled by Pittsburgh on 7/26...Made Major League debut that night in Houston as the starter in left field; was the leadoff batter and hit the first pitch thrown to him for a home run, becoming the third Pittsburgh player to homer in his first at bat (also Walter Mueller on 5/7/22 and Don Leppert on 6/18/61 - Mueller's also came on the first pitch)...Hit .290 (18-for-62) with four homers, 10 RBI and three stolen bases in his first 15 games thru 8/10...Was placed on the 15-day disabled list on 8/19 with a right oblique strain...Made a rehab appearance with State College on 9/4 and also went 2-for-7 with a walk, RBI and four runs scored in two post season games with Indianapolis...Was reinstated from D.L. on 9/7 and hit .264 (19-for-72) in final 24 games with the Pirates...Made 43 appearances (38 starts) in left field and four appearances (one start) in center field with Pittsburgh; made lone start in CF on 7/29 at Houston...Hit .285 (41-for-144) with 16 RBI and 17 runs scored in 37 games (34 starts) from the leadoff spot... Ranked third among National League rookies in stolen bases and second on the club in that department... Hit .304 (34-for-112) with four doubles, four triples, two home runs, 20 RBI and eight stolen bases in 29 games with Escogido during the Dominican Winter League...Was also named MVP of the Series Final as his club swept Aguilas, five games to none, to capture the championship.

OPS

MINOR LEAGUE HIGHLIGHTS:

2012: Began season with Indianapolis, where he led the International League in triples...Set minor league career highs in RBI and triples...Was named to the league's mid- and post-season All-Star teams...Had a 15-game hitting streak from 6/25 thru 7/12, going 26-for-65 (.400) with three doubles, four triples, three home runs and 16 RBI...Had eight straight multi-hit games between 6/25 and 7/2 and was named the league's Player-of-the-Week after hitting .486 (18-for-37)...Made 76 appearances in center field, 16 in left field and five in right field while playing with Indianapolis.

2011: Spent entire season with Double-A Altoona and led Eastern League in batting, hits and doubles...Became the first player in the club's 13-year history to capture the batting title...Was named to the league's mid- and post-season All-Star teams...Participated in the MLB All-Star Futures Game in Phoenix (started the game in center field, batted leadoff and went 1-for-3)...Was named the Eastern League Rookie-of-the-Year...Set a single-season club record with 178 hits, breaking Nate McLouth's previous record of 166 in 2004...Led Altoona in runs scored and stolen bases, tying his career high in that department...Ranked second among Pittsburgh farmhands in batting behind Bradenton's Ramon Cabrera (.343)...Made all 129 defensive appearances in center field and led league with 18 outfield assists...Was named Eastern League Player-of-the-Week for the week of 8/8-15 after hitting .556 with 10 runs and five multi-hit efforts in six games...Put together a season-best, 16-game hitting streak from 8/19 to 9/3 (28-for-71, .394)...Was named Eastern League Player-of-the-Month for August...Hit .328 (40-for-122) with seven doubles, two home runs, 14 RBI and nine stolen bases in 30 games with Escogido during the Dominican Winter League.

2010: Began season with High-A Bradenton and hit safely in 17 of his first 21 games thru 5/5, going 25-for-74 (.338) with a .432 on-base percentage, 11 RBI and 15 runs scored...Was placed on the disabled list on 5/15 and had surgery to repair a broken bone

in his left hand...Went 9-for-26 (.346) in an eight-game rehab signment with the GCL Pirates from 7/3-31...Was reinstated from D.L. on 8/1 and batted .358 (39-for-109) with 19 RBI in 29 games during the month of August...Ranked third among Pittsburgh farmhands with 26 stolen bases...Made a total of 57 appearances in center field and two in right field; made his two appearances in right field with Bradenton on 4/13 and 4/14... Hit .213 (13-for-61) with a homer and three RBI in 28 games with Aguilas during the Dombnican Winter League.

2009: Hit .309 (71-for-238) with three home runs, 35 RBI and 24 stolen bases in 57 minor league games...Began season with the GCL Pirates and went 0-for-7 in two games before being promoted to West Virginia on 6/25...Recorded a 22-game hitting streak from 7/9 thru 8/9, going 30-for-94 (.319) with 17 RBI, 16 runs scored and 11 stolen bases...Was promoted to High-A Lynchburg and played in one game on 9/5; suffered a sprained ankle which prevented him from participating in the post season with the Carolina League champions...Made a total of 38 appearances in center field and 20 in right field with the three clubs...Went 3-for-13 (.231) in 11 games with Aguilas during the Dominican Winter League.

2008: Spent second straight season with the DSL Pirates... Led team in home runs and ranked fourth in the league in that department...Also ranked fourth in the league in runs scored... Led DSL Pirates in stolen bases and ranked second in RBI...Made 40 appearances in center field, 21 in right field and seven in left field.

2007: Began professional career with the Dominican Summer League Pirates at the age of 18...Made 35 appearances in left field, three in right field and one in center field...Also went 4-for-14 in four games as the designated hitter...Hit lone home run on 6/23 against the DSL White Sox.

PERSONAL

PERSONAL: Starling Javier Marte (pronounced "mar-TAY")... Wife's name is Noelia...Has three children; sons Starling Jr. (10/5/09) and Smerling (9/20/13) and daughter Tiana (5/16/16)... Was ranked by Baseball America as Pittsburgh's fourth-best prospect and rated as the "Best Athlete" in the system prior to 2011 and 2012...Also recognized by the same publication as having the "Best Outfield Arm" in the farm system in 2011-12 and as the "Best Hitter for Average" prior to the 2012 season...Signed by Pirate scouts Rene Gayo and Chino Valdez.

MISC: Has been hit by a pitch 84 times since the start of the 2013 season; second-most among all Major League players behind

Anthony Rizzo (91)...Is one of three Pittsburgh players to homer in their first Major League plate appearance and the second to do so on the first pitch (also Walter Mueller on May 7, 1922 and Don Leppert on June 18, 1961 - Mueller's also came on the first pitch)...Has produced a .330 (150-for-455) average and 55 RBI in 117 big league games while batting fourth and a .380 (38-for-100) average in 32 games while batting sixth...Enters the 2018 season with a .310 average (105for-339) and 11 home runs in his career during interleague play; his .333 average over the last four years of interleague action is the highest among National League

LIP	-FIIME BA	иш	NG :	SIAI	1511	CS															
YEAR	CLUB	AVG	G	АВ	R	н	2B	3B	HR	RBI	SH	SF	НР	ВВ	so	SB	cs	ОВР	SLG	E	
2007	DSL Pirates	.220	45	132	27	29	4	1	1	11	6	1	7	10	29	16	2	.307	.288	2	
2008	DSL Pirates	.296	65	257	53	76	10	2	9	44	4	2	14	16	53	20	8	.367	.455	7	
2009	GCL Pirates	.000	2	7	1	0	0	0	0	0	0	0	0	0	1	0	0	.000	.000	0	
	West Virginia	.312	54	221	41	69	9	5	3	34	0	2	12	12	55	24	7	.377	.439	7	
	Lynchburg	1.000	1	2	0	2	0	0	0	1	0	0	0	0	0	0	0	1.000	1.000	0	
2010	Bradenton	.315	60	222	41	70	16	5	0	33	2	2	15	12	59	22	8	.386	.432	6	
	GCL Pirates (#)	.346	8	26	6	9	3	0	2	5	0	0	1	1	6	4	1	.393	.692	1	
2011	Altoona	*.332	129	536	91	*178	*38	8	12	50	1	2	11	22	100	24	12	.370	.500	8	
2012	Indianapolis	.286	99	388	64	111	21	*13	12	62	2	3	10	28	91	21	12	.347	.500	1	
	Pittsburgh	.257	47	167	18	43	3	6	5	17	2	2	3	8	50	12	5	.300	.437	3	
	State College (#	#).000	1	5	0	0	0	0	0	0	0	0	0	0	3	0	0	.000	.000	0	
2013	Pittsburgh	.280	135	510	83	143	26	10	12	35	6	1	24	25	138	41	*15	.343	.441	7	
2014	Pittsburgh	.291	135	495	73	144	29	6	13	56	0	0	17	33	131	30	11	.356	.453	6	
	Indianapolis (#)	.083	3	12	0	1	1	0	0	0	0	0	0	0	5	0	0	.083	.167	0	
2015	Pittsburgh	.287	153	579	84	166	30	2	19	81	3	5	19	27	123	30	10	.337	.444	2	
2016	Pittsburgh	.311	129	489	71	152	34	5	9	46	1	0	16	23	104	47	12	.362	.456	4	
2017	Pittsburgh	.275	77	309	48	85	7	2	7	31	0	2	8	20	63	21	4	.333	.379	1	
	Bradenton (#)	.200	3	10	2	2	0	0	0	0	0	0	0	0	2	1	0	.200	.200	0	
	Indianapolis (#)	.333	9	36	4	12	1	0	1	3	0	0	2	2	8	3	0	.400	.444	0	
Minor	League Totals	.302	479	1854	330	559	103	34	40	243	15	12	72	103	412	135	50	.360	.458	32	
Major	League Totals	.288	676	2549	377	733	129	31	65	266	12	10	87	136	609	181	57	.344	.439	23	

(#)Rehab Assignment

(*)Led League

Signed as a non-drafted free agent by Pittsburgh on 1/4/07.

SB CS OBP

0 0 0 1.000 1.000 0

SLG

WO	WORLD BASEBALL CLASSIC STATISTICS																			
YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	вв	so	SB	cs	ОВР	SLG	E
2017	D.R.	.250	3	12	2	3	1	0	1	1	0	0	0	0	1	0	0	.250	.583	1
WBC To	tals	.250	3	12	2	3	1	0	1	1	0	0	0	0	1	0	0	.250	.583	1
ALL-	STAR (SAME S	TA	risti	CS															

RBI

0

SH

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SF HP BB SO

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HR

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3B

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0 0 0 0 0 0 0 0 0 0 1,000 1,000 0

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0

AB R

WILD CAPD GAME STATISTICS

AVG

1.000

YEAR

2016

SITE

San Diego

All-Star Game Totals 1.000

YEAR	CLUB/OPP	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	E
2013	Pit. vs. Cin.	.400	1	5	1	2	1	0	0	0	0	0	0	0	0	0	0	0
2014	Pit. vs. SF	.250	1	4	0	1	0	0	0	0	0	0	0	0	1	0	0	0
2015	Pit. vs. Chi.	.000	1	4	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Wild C	ard Game Totals	233	3	13	1	3	1	0	Ω	0	Ω	0	0	0	2	0	0	0

YEAR CLUB/OPP AVG G R н 2B cs E AB 3B HR RBI SH SF HP ВВ so SB 2013 .053 5 0 0 0 0 5 0 0 Pit. vs. Stl. 19 1 1 **Division Series Totals** .053 5 19 0 0 0 0 5 0 0

MAJOR LEAGUE DEBUT

July 26, 2012 at Houston

FIRST MAJOR LEAG	UE HIT
DATE	PITCHER
July 26, 2012 at Houston	Dallas Keuchel - HF

FIRST MAJOR LEAGUE HR	
DATE	PITCHER

July 26, 2012 at Houston......Dallas Keuchel

May 2, 2014 vs. Toronto Home Run (9th) May 6, 2014 vs. San Francisco Triple/Error (9th) June 12, 2015 vs. Philadelphia Single (13th) August 22, 2015 vs. San Francisco Home Run (9th) October 2, 2015 vs. Cincinnati Home Run (12th) April 9, 2017 vs. Atlanta Home Run (10th)	WALKOFFS (6)	
May 6, 2014 vs. San FranciscoTriple/Error (9th) June 12, 2015 vs. PhiladelphiaSingle (13th) August 22, 2015 vs. San FranciscoHome Run (9th) October 2, 2015 vs. CincinnatiHome Run (12th)	DATE	ACTION (INN.)
	May 6, 2014 vs. San Francisco June 12, 2015 vs. Philadelphia August 22, 2015 vs. San Francisco October 2, 2015 vs. Cincinnati	Triple/Error (9th)Single (13th) Home Run (9th)Home Run (12th)

WALKOFF HOMERS (4)	
DATE	PITCHER
May 2, 2014 vs. <i>Toronto</i>	Sergio Santos
August 22, 2015 vs. San Francisco	George Kontos
October 2, 2015 vs. Cincinnati	Collin Balester
April 9, 2017 vs. Atlanta	Jose Ramirez

	LIFETI	ME FIELD	ING STAT	FISTICS
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	LEFT FIELD	PCT	G	GS	РО	A	E	тс	DP	TP
	2012	.957	43	38	63	3	3	69	0	0
	2013	.968	124	113	176	5	6	187	0	0
ı	2014	.969	114	107	151	4	5	160	0	0
	2015	.995	141	133	180	*15	1	196	0	0
	2016	.979	114	111	168	*17	4	189	2	0
	2017	1.000	56	56	100	6	0	106	0	0
	CAREER	.979	592	558	838	50	19	907	2	0
	(*)Led Leagu	ıe								

	LIFETIP	ME FI	ELDIN	G STA	ATIST	ICS
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CENTER FIELD	PCT	G	GS	РО	A	E	тс	DP	TP
012	1.000	4	1	3	0	0	3	0	0
2013	.947	13	6	17	1	1	19	0	0
2014	.964	28	16	27	0	1	28	0	0
2015	.963	18	10	25	1	1	27	1	0
2016	1.000	16	9	28	0	0	28	0	0
2017	.983	25	19	57	2	1	60	0	0
CAREER	976	104	61	157	4	4	155	1	0

LEADOFF HOMERS (2) DATE PITCHER

July 26, 2012 at *Houston* Dallas Keuchel May 5, 2013 vs. *Washington* Gio Gonzalez

GRAND SLAMS (1)	
DATE	PITCHER
April 8 2016 at Cincinnati	LI Hoover

MARTE HIGHLIGHTS

MOST HR/GAME: 2 HR (twice), 8/18/14 vs. Atlanta & 6/25/13 at Seattle.

MOST HITS/GAME: 4 hits (10 times), last on 4/9/17 vs. Atlanta.

MOST RBI/GAME: 5 RBI, 4/18/15 vs. Milwaukee. MOST SB/GAME: 3 SB, 9/25/13 at Chicago (NL).

MOST RUNS/GAME: 4 runs (twice), 7/21/17 at Colorado & 6/12/13 vs. San Francisco.

LONGEST HITTING STREAK: 2017: 12 games Career: 13 games (2014).

BASEBALL



AUSTIN MEADOWS

OUTFIELDER • #17

AGE: 22 (turns 23 on May 3) BORN: 5/3/95 in Atlanta, GA RESIDES: Winter Springs, FL

HEIGHT/WEIGHT: 6-3/210

austin meadows

BATS/THROWS: L/L
M.L. SERVICE: None

OBTAINED: Pittsburgh's 1st round selection (9th overall) in 2013 First-Year Player Draft

AWARDS & HONORS:

- Named to 2016 All-Star Futures Team in San Diego.
- 2015 Florida State League All-Star (mid- and post-season).
- · Named to 2015 Arizona Fall League Rising Stars Team.
- · 2013 Gulf Coast League All-Star (post-season).

LAST SEASON:

2017 SEASON: Entered season ranked as Pittsburgh's No. 1 prospect according to Baseball America...Was also rated by the same publication as the "Best Athlete" and having the "Best Strike Zone Judgment" in Pittsburgh's minor league system...Hit .261 (83-for-318) with 22 doubles, five home runs and 46 RBI in 81 minor league games during an injury-shortened campaign... Began season with Triple-A Indianapolis and produced one hit in his first 23 at bats...Had two hits and tallied first RBI on 4/12 vs. Columbus...Hit first home run on 4/14 at Toledo...Reached base safely in 13 straight games between 4/11-27...Hit .300 (33-for-110) with 10 doubles, two homers, 17 RBI and 28 runs scored in 27

games during the month of May...Placed on 7-day disabled list on 6/22 with a right hamstring strain...Hit .353 (12-for-34) with live extra-base hits and 10 RBI in nine rehab games with the GCL Pirates and West Virginia Black Bears between 7/28 and 8/13...Was recalled from rehab and reinstated from D.L. on 8/15... Went 8-for-30 (.267) in eight games with Indy between 8/16-27 before suffering an oblique strain on 8/27...Missed remainder of the season...Made 33 appearances (32 starts) in center field, 24 appearances (22 starts) in left field and 15 starts in right field while playing with Indianapolis and did not make an error

MINOR LEAGUE HIGHLIGHTS:

2016: Entered season ranked by Baseball America as Pittsburgh's second-best prospect and as the 22nd-best overall (leapt to No. 10 in Baseball America's mid-season report)...Also entered season rated as the fourth-best outfield prospect by MLBpipeline.com... Hit a combined .266 (82-for-308) with 25 doubles, 11 triples, 12 home runs and 47 RBI in 87 games between Double-A Altoona. Indianapolis and the West Virginia Black Bears (rehab)...Missed beginning of campaign after suffering an orbital fracture after being hit in the face with a baseball...Was assigned to Altoona on 4/25...Made season debut on 4/25 and reached base on an infield single in his first at bat...Hit three triples in four games from 5/18-23. Homered for the first time as part of a 3-for-3 day while also collecting three RBI and two stolen bases on 5/30... Was named the Eastern League Player-of-the-Week for the week of 5/30 to 6/5 after hitting .444 in seven games with five triples, two homers, nine runs scored and two stolen bases for the week... Went deep in back-to-back games on 6/8 and 6/9...Tied Kevin Sefcik (21 games in 2002) for the longest hitting streak in Curve history on 6/12...Extended his hitting streak to 24 games with a first inning solo homer on 6/16; also compiled a 29-game onbase streak from 5/15 to 6/16...Established an Altoona record by hitting safely in 24 consecutive games before being promoted to Indianapolis on 6/18; hit .404 (38-for-94) during the streak, which was also the longest by an Eastern League player for the season...Was promoted to Indianapolis on 6/18...Hit safely in each of his first two Triple-A games to extend his streak to 26 games, the second-longest hitting streak by a Pirates minor leaguer since 2005 (Raul Fortunato hit safely in 36 straight games in 2009)... Was placed on the disabled list on 7/1 with a right hamstring injury...Was selected to play in the All-Star Futures Game but did not play due to his hamstring injury...Began rehab assignment with the West Virginia Black Bears on 7/29...Came off the D.L. on 8/6 and had two hits in his first game back. Collected a careerhigh five RBI on 8/30 vs. Toledo...Recorded eight RBI over three games from 8/30 to 9/1...Had 16 of his 27 hits with Indianapolis go for extra bases...Was named the Eastern League's Most Exciting Player by Baseball America in early August.

2015: Was ranked by Baseball America as Pittsburgh's thirdbest prospect entering the season...Was named to the Florida State League mid- and post-season season All-Star teams...Led the Florida State League in hits; the most in a single season in Marauders history and the most by a Pirates minor leaguer since Rajai Davis in 2004 (160 hits); also paced the league in total bases (207)...Ranked third in the Florida State League in batting and runs scored and fifth in on-base percentage...Recorded a club-record 46 multi-hit games...Recorded five hits on 5/14 to become the fifth player in Marauders history to record at least five hits in a game...Went 2-for-4 in Double-A debut on 9/2 at Bowie...Hit a game-tying two-run home run in the ninth inning in Game One of the Western Division Series on 9/9 vs. Bowie...Was named to the Fall Stars Game in the Arizona Fall League, where he hit a two-run home run off Tigers prospect Adam Ravenelle... Finished sixth among Pirates minor leaguers in games played (127) and fifth in batting average.

2014: Entered season ranked by Baseball America as Pittsburgh's fourth-best prospect and as having the "Best Strike-Zone Discipline" in

the system...Hit .400 during an eight-game hitting streak from 7/15-24...Was named the South Atlantic League Player-of-the-Week for the week of 8/4-10 after hitting .480 with four doubles, two homers and seven RBI for the week...Hit .329 in 22 games during the month of August.

2013: Was named to the Gulf Coast League's post-season All-Star team...Finished third in the GCL in slugging percentage, tide for third in extra base hits (21) and fifth in total bases...Hit first professional home run on 7/22 against the GCL Braves...Homered in his first game with Jamestown on 8/31 and also in the final game of the regular season on 9/4...Went 4-for-11 with a homer and three RBI in two playoff games.

MISC: Entered the 2018 season ranked by Baseball America as the Pirates second-best prospect and as the "Best Athlete" in the organization...Has made 307 appearances in center field, 41 in left field and 20 in right field during his minor league career...Has gone 11-for-29 (.379) with two doubles, a triple, two home runs and five RBI in eight postseason games during his minor league career.

PERSONAL: Austin Wade Meadows....Hit .535 with 14 doubles, one triple, four home runs and 28 RBI as a senior at Grayson (GA) High School in 2013...Was ranked by Baseball America as the third-best position player and the fifth-best player overall in the 2013 draft... Was also rated by Baseball America as the "Best Athlete", having the "Best Strike Zone Judgment," as well as the second-best "Pure Hitter" and "Closest Player to the Majors" among high school players...Was a 2013 Rawlings preseason first-team All-American...As a junior in 2012 at Grayson High School, helped lead his team to the Georgia Class 6A state semifinals with four home runs, 28 RBI and 19 stolen bases...Also

led the USA Baseball 16U National Team to the IBAF World Youth Championship in 2011 in Mexico, leading the team in hits (22), doubles (five), triples (three), RBI (28) and stolen bases (six) while also setting a record for the most RBI and earning a spot on the all-tournament team...His father, Kenny, played baseball and football at Morehead State...His mother, Staci, played softball at Georgia Southern and Georgia State...Was committed to Clemson University before signing with the Pirates...Was selected by the Pirates with the ninth overall selection in the draft as compensation for not signing Mark Appel in the 2012 First-Year Player Draft...Signed by Pirates scout Jerry Jordan.

LIF	ETIME BAT	ΓΤΙΝ	G S	TATI	STIC	S														
YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	ОВР	SLG	E
2013	GCL Pirates	.294	43	160	29	47	11	5	5	20	1	0	4	24	42	3	2	.399	.519	1
	Jamestown	.529	5	17	8	9	0	0	2	2	0	0	0	5	4	0	0	.636	.882	0
2014	GCL Pirates (#)	1.000	2	4	1	4	2	1	0	1	0	0	0	2	0	0	0	1.000	2.000	0
	Bristol (#)	.071	5	14	2	1	0	0	0	0	0	0	0	3	3	0	0	.235	.071	0
	West Virginia	.322	38	146	18	47	13	1	3	15	0	2	3	14	30	2	3	.388	.486	3
2015	Bradenton	.307	121	508	72	*156	22	4	7	54	4	3	0	41	79	20	7	.357	.407	2
	Altoona	.360	6	25	5	9	2	3	0	1	0	0	1	2	5	1	0	.429	.680	0
2016	Altoona	.311	45	167	33	52	16	8	6	23	1	5	1	16	32	9	3	.365	.611	2
	Indianapolis	.214	37	126	16	27	7	3	6	24	0	3	1	15	34	8	2	.297	.460	2
	Morgantown (#)	.200	5	15	0	3	2	0	0	0	0	0	0	2	1	0	0	.294	.333	1
2017	Indianapolis	.250	72	284	48	71	19	0	4	36	0	2	2	24	50	11	3	.311	.359	0
	GCL Pirates (#)	.538	4	13	3	7	2	1	1	7	0	0	0	1	2	0	0	.571	1.077	1
	Morgantown (#)	.238	5	21	2	5	1	0	0	3	0	0	0	3	3	0	0	.333	.286	0
Minor	League Totals	.292	388	1500	237	438	97	26	34	186	6	15	12	152	285	54	20	.359	.459	12

(#) Injury Rehab Assignment

PERSONAL:

Selected by Pittsburgh in 2013 First-Year Player Draft (1st round compensation, 9th pick overall).

PIRATES WITH THREE HOME RUNS IN

(accomplished 19 times by 10 different players)

ame two)

PLAYER	DATE
Ralph Kiner (R)	August 16, 1947
Ralph Kiner (R)	September 11, 1947 (game two)
Ralph Kiner (R)	July 5, 1948 (game one)
Ralph Kiner (R)	July 18, 1951
Roman Mejias (R)	May 4, 1958 (game one)
Frank Thomas (R)	August 16, 1958
Dick Stuart (R)	June 10, 1960 (game two)
Willie Stargell (L)	June 24, 1965
Roberto Clemente (R)	May 15, 1967 (10 innings)
Willie Stargell (L)	May 22, 1968
Roberto Clemente (R)	August 13, 1969
Willie Stargell (L)	April 10, 1971 (12 innings)
Willie Stargell (L)	April 21, 1971
Bill Robinson (R)	June 5, 1976 (15 innings)
Darnell Coles (R)	September 30, 1987 (game two
Aramis Ramirez (R)	April 8, 2001
Andrew McCutchen (R)	August 1, 2009
Andrew McCutchen (R)	April 26, 2016
Andrew McCutchen (R)	July 30, 2017

OPPONENT (ballpark)

vs. St. Louis (Forbes Field) vs. Boston (Forbes Field) vs. Cincinnati (Forbes Field) at Brooklyn (Ebbets Field) at San Francisco (Seals Stadium) at Cincinnati (Crosley Field) vs. San Francisco (Forbes Field) at Los Angeles (Dodger Stadium) at Cincinnati (Crosley Field) at Chicago (Wrigley Field) at San Francisco (Candlestick Park) at Atlanta (Atlanta Stadium) vs. Atlanta (Three Rivers Stadium) vs. San Diego (Three Rivers Stadium) vs. Chicago (Three Rivers Stadium) at Houston (Enron Field) vs. Washington (PNC Park) at Colorado (Coors Field) at San Diego (Petco Park)



JORDY MERCER

INFIELDER • #10

AGE: 31 (turns 32 on August 27) **BORN:** 8/27/86 in Taloga, OK

RESIDES: Edmond, OK
HEIGHT/WEIGHT: 6-3/210

@jordy_mercer

BATS/THROWS: R/R

M.L. SERVICE: 5 years, 95 days

OBTAINED: Pittsburgh's 3rd round selection

in 2008 First-Year Player Draft

AWARDS & HONORS:

- A member of Team USA for 2011 Pan American Games In Mexico.
- · A member of Team USA for 2007 Pan American Games in Brazil.

LAST SEASON:

2017 SEASON: Set a career high in home runs and fell one RBI shy of his career-high 59 (2016)...His 14 home runs were the fourth-highest single-season total by a Pirates shortstop and the most since Jay Bell hit 16 in 1991...Also set career highs in triples and total bases (204) and tied career high in walks...Ranked fourth among N.L. shortstops in fielding percentage (.982), third in games (144) and second in starts (137) behind Philadelphia's Freddy Galvis (155)...His .284 average while batting eighth in the lineup was the third-highest in the league at that position, trailing Javier Baez (.299) and Miguel Rojas (.292)...Was the Opening Day starter at shortstop for the fourth straight season...Connected off CC Sabathia for a leadoff home run on 4/21 at PNC Park (his

second career homer leading off the first inning)...Had his 100th career double on 5/3 at Cincinnati...Homered in back-to-back games on 5/23-24 and joined Jose Osuna and David Freese with back-to-back-to-back homers in the 10th inning on 5/24 at Atlanta...Tied career high with an 11-game hitting streak between 6/9-21 (15-for-39, .385)...Hit .364 (44-for-121) over a 32-game span from 5/16 thru 6/21, raising average from .203 to a season-high .283...His fielding error on 6/25 at St. Louis was his first since 4/26; went 51 consecutive games and 201 chances between errors...Tied his career high (third time) with four RBI on 9/23 vs. St. Louis...Missed the last seven games due to a sore left knee.

CAREER HIGHLIGHTS:

2016: Made a career-high 146 appearances and 142 starts at shortstop...His .985 fielding percentage ranked third among N.L. shortstops behind Philadelphia's Freddy Galvis (.987) and New York's Asdrubal Cabrera (.986)...Also ranked third in total chances (607) and his 95 double plays turned ranked second behind Washington's Danny Espinosa (96)...Set career highs in RBI, hits and runs scored...Made 23 starts from the leadoff spot of the batting order (Pirates went 14-9)...Was the Opening Day starter at shortstop for the third straight year...Connected off Patrick Corbin for a 466' home run on 4/22 at Arizona...His triple on 5/20 vs. Colorado was his first since 8/13/14...Tied career-high with an 11-game hitting streak between 6/16-23 (13-for-34, .382)... Had a career-high 52-game errorless streak between 5/17 and 7/17...Batted leadoff against a RHP (Zach Eflin) for the first time in his career on 7/22 vs. Philadelphia and went hitless in four at bats...Hit first career grand slam and tied career high with four RBI on 8/26 at Milwaukee...Missed the last three games and four of the last five with a right forearm strain.

2015: Was Pittsburgh's most-used shortstop, making 115 appearances (108 starts) at that position...Made his second straight Opening Day start at shortstop...Left the game on 4/19 in the sixth inning after being hit in the ribs by Matt Garza and missed the next three games...Produced three RBI and a tworun, game-winning double in a 7-5 victory vs. St. Louis on 5/9... Homered in back-to-back games on 6/2-3 at San Francisco...Hit .444 (16-for-36) during a season-high eight-game hitting streak from 6/24 to 7/2...Suffered a lower leg contusion and a sprain of the medial collateral ligament of his left knee on 7/19 at Milwaukee (Carlos Gomez slid into him) and was placed on the 15-day disabled list the following day...Began a rehab assignment with Triple-A Indianapolis on 8/11...Homered and had three RBI on 8/21 at Charlotte...Was recalled from rehab assignment and reinstated from D.L. on 8/23...Tied career high (third time) with four hits on 9/21 at Colorado...Hit .248 (30-for-121) in 36 games after returning to big league action on 8/23...Batted .272 over the course of his final 77 games with the Pirates, dating back to 5/30.

2015 POSTSEASON: Was the starting shortstop and went hitless in two at bats in the Wild Card Game vs. Chicago on 10/7 (played seven innings).

2014: Led Pirates in games played during his first full season as a starting shortstop...His .437 slugging pct. from 5/31 thru the end of the regular season ranked second behind Jhonny Peralta (.447) among National League shortstops and his 49 RBI ranked third behind Ian Desmond (59) and Peralta (52)...Recorded a .314 batting average against LHP...His home run total was the highest by a Pittsburgh shortstop since Pat Meares hit 13 in 2000...Made 144 appearances (137 starts) at shortstop and one appearance in right field...Made his first career Opening Day start at shortstop... Made his first career appearance in the outfield on 5/10 vs. St. Louis; played final two innings in right field (no chances)... Connected off Shelby Miller for first home run on 5/11 at PNC Park...Hit second home run, tied career high (second time) with four hits and scored a career-high four runs on 6/2 at San Diego... Led N.L. shortstops in homers (five) during the month of June and shared Major League lead with Seattle's Brad Miller...Had career-high four RBI on 7/4 vs. Philadelphia...Delivered walkoff double in 11th inning on 7/19 vs. Colorado...Batted third in the lineup for the first time in his career on 8/12 vs. Detroit; the first starting shortstop to do so for the Pirates since Freddy Sanchez on 9/6/06...Made 49 straight starts at shortstop before not doing so on 8/15; longest streak since Jack Wilson in 2005 (96 starts)... Produced a .379 (22-for-58) batting average and 10 RBI in 15 games from the second spot of the lineup.

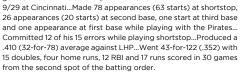
2014 POSTSEASON: Went hitless in four at bats in the Wild Card Game vs. San Francisco on 10/1.

2013: Began season with Indianapolis and hit .333 with 19 RBI and a .404 OBP in 26 games thru 5/2...Was recalled by Pittsburgh on 5/3 when Neil Walker went on the disabled list...Made start at second base and batted second in the lineup on 5/3 vs. Washington; hit a game-winning home run off Ross Detwiller in the fifth inning (broke a 1-1 tie)...Made five straight starts at second base from 5/3-8 and hit safely in four of the games...Had first career two-homer game on 5/11 at New York (NL)...Was optioned back to Triple-A when Walker came off the D.L. on 5/13, but did not appear in any games with Indy...Was recalled on 5/15 when John McDonald was placed on the D.L. and remained with the Pirates for the rest of the season...Made first and only career appearance at first base on 6/1 vs. Cincinnati (played final innia) and had one putout...Made 13 straight starts at short between

HISTORY

CAREER HIGHLIGHTS (CONTINUED):

6/15 and 7/3...Had a two-hit game on 6/26 at Seattle which included the gamewinning hit in the ninth inning...Hit safely in a career-high 11 straight games from 7/10-26 (15-for-44, .341)...Appeared in 24 of Pittsburgh's 28 games during the month of August, making 18 starts at shortstop and one each at third base and second base...Made lone start at third base on 8/23 at San Francisco...Hit .347 (17-for-49) in 16 games in September...Had a careerhigh four hits on 9/10 at Texas...Hit .405 (15-for-37) with five doubles, a triple and two homers in his last 11 regular season games...Had an inside-the-park homer on



2013 POSTSEASON: Went 2-for-8 (.250) with a walk in five games during the N.L.D.S. against St. Louis. Made lone start at shortston



in Game Two at Busch Stadium on 10/4 and went 1-for-3 with a walk

2012: Split season between Indianapolis and Pittsburgh...Began season at the Triple-A level...Was recalled by Pittsburgh on 5/29...Grounded out as a pinch hitter while making Major League debut on 5/29 vs. Cincinnati...Made first start with Pirates at shortstop on 5/30 vs. Cincinnati and singled off Johnny Cueto in first at bat... Went 1-for-9 in five games before being optioned back to Indianapolis on 6/24... Was recalled by Pittsburgh on 7/5 when Alex Presley went on the 7-day disabled

list and remained in the big leagues for the rest of the season... Connected off Arizona's Josh Collmenter for first Major League home run on 8/8 at PNC Park...Was on three-day Paternity List from 8/21-24 for the birth of his son Maverick on 8/20...Went 2-for-10 in his final 17 games, appearing mostly as a pinch runner or late inning replacement...Made a total of 28 appearances (nine starts) at shortstop, seven appearances (four starts) at second base and one appearance (9/12 at Cincinnati) at third base with the Pirates...Committed Ione error while playing shortstop on 8/8.

MINOR LEAGUE HIGHLIGHTS:

2012: Began season with Indianapolis...Hit .358 (34-for-95) in 24 games in May and .357 (41-for-115) in 31 games from 4/23 to 5/28, raising average from .200 to .303...Had a season-high 14game hitting streak from 4/30 to 5/13 (21-for-56, .375)...Made a total of 33 appearances at shortstop, 12 at second base and 10 at third base with Indianapolis.

2011: Split season between Double-A Altoona and Indianapolis... Hit .255 (125-for-491) with 30 doubles, 19 home runs and 69 RBI in 132 total games...Led Pittsburgh farm system in home runs... Set minor league career highs in games, runs and home runs... Began season with Altoona, where he made all 72 defensive appearances at shortstop...Was named Eastern League Playerof-the-Week for week of 6/13-20 after going 8-for-21 (.381) with two home runs and nine RBI in six games...Was leading Altoona in home runs and RBI when he was promoted to Indianapolis on 6/28...Homered in three straight games from 8/29-31...Made final appearance of the season in left field on 9/5 at Louisville... Also made 34 appearances at second base and 25 at shortstop

2010: Spent entire season with Altoona, the Eastern League champions...Established minor league career highs in hits and batting average...Made 54 appearances at third base, 49 at second base and 20 at shortstop...Hit his first Double-A home run on 4/22 vs. Erie and fell a single shy of hitting for the cycle in that game...Ended regular season with a six-game hitting streak. which included a four-hit game on 9/2 at Bowie; his third fourhit game of the season...Went 7-for-37 (.189) in eight playoff games...Hit three home runs in the post season and knocked in six runs...Had first career two-homer game in Game Two of the Championship Series against Trenton on 9/15...Participated in the Arizona Fall League and hit .267 (20-for-75) with four doubles, a homer and 13 RBI in 20 games with Mesa.

2009: Spent entire season with Carolina League Champion Lynchburg club...Made 107 appearances at shortstop and 21 at third base...Led league in doubles and sacrifice flies...Ranked second in at bats, fifth in hits and fifth in RBI...Set minor league career highs in at bats, doubles and RBI...Ranked second among Pittsburgh farmhands in RBI...Led league shortstops in double plays turned (86)...Hit .314 with a homer and four RBI in the post season...Had four hits in the final game of the Mills Cup Championship.

2008: Made professional debut with State College on 6/20/08 and hit first pro home run in his fifth game on 6/24 vs. Williamsport...Hit safely in four of his six games with the Spikes before being promoted to Class-A Hickory on 6/26...Ended season with a 10-game hitting streak...Hit .306 (26-for-85) in final 22 games...Made all 53 defensive appearances at shortstop between the two clubs.

MISC: His 530 starts and 2267 total chances at shortstop since 2014 are the second-most in the N.L. behind Brandon Crawford (561 and 2504 respectively)...Has hit .321 (86-for-268) with eight home runs, 30 RBI and an .862 OPS in 70 career games from the second spot of the lineup.

PERSONAL:

PERSONAL: Jordy Joe Mercer...Wife's name is Kasey...Has three sons; Maverick (8/20/12), Maddon (10/21/15) and Manning (10/25/17)...Is a 2005 graduate of Taloga (OK) High School, where he played baseball and basketball...Played three seasons of baseball at Oklahoma State and was a three-time All-Big 12 selection...Was a two-way player at Oklahoma State and ended his collegiate career as the all-time saves leader with 17...Batted .330 with 14 home runs and 60 RBI during his junior season in 2008...Also made 16 appearances on the mound and notched nine saves in '08...Won Silver Medals as a member of Team USA at the Pan American Games in Brazil in the summer of 2007 and in Mexico in 2011...Was rated by Baseball America as having the "Best Infield Arm" in the Pirates farm system in 2011 and 2012... Signed by Pirates scout Matt Bimeal...Was elected into Oklahoma State Cowboy Baseball Hall-of-Fame in November 2016.

2013 Pit. vs. Cin. ON ROSTER, BUT DID NOT PLAY IN GAME 2014 Pit. vs. SF .000 1 4 0 0 0 0 0 0 0 0 0 2																		
YEAR	CLUB/OPP	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	E
2013	Pit. vs. Cin.				0	N RO	STER,	BUT D	ID NO	T PLA	Y IN G	AME						
2014	Pit. vs. SF	.000	1	4	0	0	0	0	0	0	0	0	0	0	2	0	0	0
2015	Pit. vs. Chi.	.000	1	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Wild C	ard Game Totals	.000	2	6	0	0	0	0	0	0	0	0	0	0	3	0	0	0

DIVISION SERIES STATISTICS YEAR CLUB/OPP AVG G AB R H 2B 3B HR RBI SH SF HP BB SO																		
YEAR	CLUB/OPP	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	E
2013	Pit. vs. Stl.	.250	5	8	0	2	0	0	0	0	0	0	0	1	2	0	0	0
Divisio	n Series Totals	.250	5	8	0	2	0	0	0	0	0	0	0	1	2	0	0	0

LIF	LIFETIME BATTING STATISTICS																			
YEAR	CLUB	AVG	G	АВ	R	н	2B	3B	HR	RBI	SH	SF	НР	вв	so	SB	cs	ОВР	SLG	E
2008	State College	.250	6	24	5	6	1	1	1	2	0	0	0	1	3	1	0	.280	.500	0
	Hickory	.250	50	192	21	48	7	0	4	18	1	1	2	12	44	4	3	.300	.349	10
2009	Lynchburg	.255	131	513	64	131	*36	4	10	83	3	*14	9	41	93	10	6	.314	.400	21
2010	Altoona	.282	126	485	67	137	31	2	3	65	6	9	7	31	69	7	1	.329	.373	15
2011	Altoona	.268	72	265	40	71	17	1	13	48	3	6	4	23	35	6	3	.329	.487	8
	Indianapolis	.239	60	226	39	54	13	1	6	21	3	0	8	13	43	3	3	.304	.385	3
2012	Indianapolis	.287	56	209	28	60	14	1	4	27	1	2	4	20	45	3	5	.357	.421	7
	Pittsburgh	.210	42	62	7	13	5	1	1	5	0	1	1	4	14	0	1	.265	.371	1
2013	Indianapolis	.333	26	96	11	32	6	1	1	19	0	1	0	12	17	3	1	.404	.448	2
	Pittsburgh	.285	103	333	33	95	22	2	8	27	5	1	4	22	62	3	2	.336	.435	15
2014	Pittsburgh	.255	149	506	56	129	27	2	12	55	5	5	4	35	89	4	1	.305	.387	11
2015	Pittsburgh	.244	116	394	34	96	21	0	3	34	4	3	2	27	73	3	2	.293	.320	7
	Indianapolis (#)	.240	7	25	3	6	0	0	1	3	0	0	0	1	5	0	0	.269	.360	0
2016	Pittsburgh	.256	149	519	66	133	22	3	11	59	7	2	5	51	83	1	1	.328	.374	9
2017	Pittsburgh	.255	145	502	52	128	24	5	14	58	0	2	3	51	88	0	4	.326	.406	10
Minor	League Totals	.268	534	2035	278	545	125	11	43	286	17	33	34	154	354	37	22	.325	.403	66
Major	League Totals	.256	704	2316	248	594	121	13	49	238	21	14	19	190	409	11	11	.316	.383	53

(#)Injury Rehab Assignment (*)Led League Selected by Los Angeles (NL) in 2005 First-Year Player Draft (23rd round), but did not sign. Selected by Pittsburgh in 2008 First-Year Player Draft (3rd round).

MAJOR LEAGUE DEBUT

May 29, 2012 vs. Cincinnati

FIRST MAJOR LEAGUE HIT DATE **PITCHER**

May 30, 2012 vs. Cincinnati...... Johnny Cueto - 1B

FIRST MAJOR LEAGUE HR

DATE **PITCHER**

August 8, 2012 vs. Arizona.....Josh Collmenter

GRAND SLAMS (1) PITCHER

August 26, ,2016 at Milwaukee......Matt Garza

HISTORY

DATE	ACTION (INN.)
July 12, 2013 vs. New York (NL)	Single (11th)
July 19, 2014 vs. Colorado	Double (11th)
June 26, 2015 vs. Atlanta	Double (10th)

April 5, 2016 vs. St. Louis..... Single (11th)

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	10H =	41-15	1(2)
			· \-/

VALKOFFS (4)

DATE	PITCHER
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June 18, 2016 at *Chicago (NL)*......Jon Lester April 21, 2017 vs. *New York (AL)*.......CC Sabathia

INSIDE-THE -PARK HR (1)

DATE	PITCHER

Sept. 29, 2013 at CincinnatiGreg Reynolds

LIFETIME FIELDING STATISTICS

SHORTSTOP	PCT	G	GS	PO	A	E	TC	DP	TP
2012	.982	28	9	16	39	1	56	4	0
2013	.962	78	63	89	214	12	315	49	0
2014	.982	144	137	159	439	11	609	80	0
2015	.986	115	108	148	351	7	506	78	0
2016	.985	146	142	187	411	9	607	95	0
2017	.982	144	143	176	359	10	545	88	0
CAREER	.981	655	602	775	1813	50	2638	394	0

LIFETIME FIELDING STATISTICS

FIRST BASE	PCT	G	GS	PO	A	E	TC	DP	TP	
2013	1.000	1	0	1	0	0	1	0	0	
CAREER	1.000	1	0	1	0	0	1	0	0	

LIFETIME FIELDING STATISTICS

SECOND BAS	E PCT	G	GS	PO	A	E	TC	DP	TP
2012	1.000	7	4	4	19	0	23	4	0
2013	.972	26	20	31	72	3	106	13	0
CAREER	.977	33	24	35	91	3	129	17	0

LIFETIME FIELDING STATISTICS

LEFT FIELD	PCT	G	GS	PO	A	E	TC	DP	TP	
2012		1	0	0	0	0	0	0	0	
2013	1.000	1	1	0	3	0	3	0	0	
CAREER	1.000	2	1	0	3	0	3	0	0	

LIFETIME FIELDING STATISTICS

RIGHT FIELD	PCT	G	GS	PO	A	E	TC	DP	TP	
2014		1	0	0	0	0	0	0	0	
CARFER		1	0	0	0	0	0	0	0	

MERCER HIGHLIGHTS

MOST HR/GAME: 2 HR, 5/11/13 at New York (NL).

MOST HITS/GAME: 4 hits (3 times), 9/21/15 at Colorado, 6/2/14 at San Diego & 9/10/13 at Texas.

MOST RBI/GAME: 4 RBI (3 times), 9/23/17 vs. St. Louis, 8/26/16 at Milwaukee & 7/4/14 vs. Philadelphia.

MOST RUNS/GAME: 4 runs, 6/2/14 at San Diego.

LONGEST HITTING STREAK: *2017*: 11 games *Career:* 11 games, thrice (2017, 2016 & 2013)..

PNC PARK BATTING LEADERS

HITS	HOME RUNS	RBI
Andrew McCutchen747	Andrew McCutchen92	Andrew McCutchen357
Jack Wilson 612	Pedro Alvarez62	Jason Bay
Neil Walker	Jason Bay 61	Neil Walker
Freddy Sanchez411	Garrett Jones	Jack Wilson201
Jason Bay	Craig Wilson47	Pedro Alvarez200
Jason Kendall	Aramis Ramirez 46	Aramis Ramirez 192
Starling Marte358	Brian Giles45	Garrett Jones 175
Josh Harrison	Neil Walker	Ryan Doumit
Aramis Ramirez 299	Ryan Doumit41	Freddy Sanchez144
Jordy Mercer297	Adam LaRoche36	Brian Giles143

ENERAL



JORDAN MILBRATH

RIGHT-HANDED PITCHER • #51

AGE: 26 (turns 27 on August 1) BORN: 8/1/91 in Windom, MN RESIDES: Springfield, MN

HEIGHT/WEIGHT: 6-6/215

BATS/THROWS: R/R
M.L. SERVICE: None

OBTAINED: Selected off Cleveland's Columbus roster in Major League phase of

Rule Five Draft on 12/14/17

LAST SEASON:

2017 SEASON: Split season between Lynchburg (Indians' High-A) and Akron (Indians' AA) and went 5-3 with four saves, a 3.02 ERA (56.2ip/19er) and 63 strikeouts in 30 relief appearances... Began season with Lynchburg, where he was charged with an earned run in three of his 15 outings...Tossed 2.0 scoreless innings and earned the win while making his season debut on 5/6 at Potomac...Was charged with his only loss with the Hillcats on 5/10 vs. Carolina (1.0ip/3r)...Posted a 1.17 ERA (23.0ip/3er) in

his final 13 appearances with Lynchburg...Recorded second and final save with the Hillcats on 6/24...Whiffed five batters over 3.0 scoreless innings while picking up a save in his debut with Akron on 7/4 at Harrisburg...Earned first Double-A win on 7/20 with 2.1 scoreless innings of work vs. Richmond...Recorded his second and final save with Akron on 8/12 vs. Binghamton...Picked up a win in final appearance of the season on 9/2 vs. Erie.

MINOR LEAGUE HIGHLIGHTS:

2016: Set minor league career high in appearances while spending all but one game with Lynchburg...Finished second in appearances on Lynchburg staff and tied for the eighth-most (42) among all Cleveland farmhands...Allowed eight runs (7er) in 1.1 innings and was charged with a loss in season opener on 4/7 vs. Winston-Salem...Notched first save of the season on 4/30 at Carolina and his first since 8/25/13 while pitching for the Arizona League Indians...Was scored upon once in 14 appearances (15.2ip/4er) from 6/9 to 7/18...Recorded a 1.32 ERA (13.2ip/2er) in nine appearances during the month of June...Was promoted to Akron on 9/1...Struck out three of the nine batters he faced in 2.1 scoreless innings in only appearance with the RubberDucks on 9/5 vs. Bowie.

2015: Spent his second straight full season with Lake County (Indians' Class-A) - his second and final season as a starting pitcher...Set minor league career highs in wins, starts, innings pitched and strikeouts...Finished fourth among all Cleveland minor leaguers in strikeouts behind Mike Clevinger (145), Justus Sheffield (138) and Adam Plutko (137)...Ranked fifth in Midwest League in strikeouts...Went 0-4 over his first five starts before winning back-to-back starts on 5/11 and 5/16...Went 4-0 over over four appearances (three starts) from 8/15 to 9/1.

2014: Spent entire season with Lake County and was named to the Midwest League mid-season All-Star team...Went 3-12 with a 4.38 ERA (113.0ip/55er) in 23 starts and 0-0 with a 0.00 ERA (12.lip/lr/0er) in three relief appearances...Gave up just two hits over 7.0 scoreless innings while winning his season debut on 4/5 vs. Lansing (game two); was credited with his first and only professional shutout and complete game...Made three of his next four appearances in relief before moving back into the starting rotation for the remainder of the season on 5/2...Lost seven straight starts before snapping losing streak with 5.0 scoreless innings of work in start on 6/22 vs. South Bend...Earned final win on 7/14 vs Great Lakes before losing his final three decisions.

2013: Began professional career with the Arizona League Indians after being selected by Cleveland in the First-Year Player Draft earlier in the summer...Was scored upon just once in his first six appearances...Earned a save in his professional debut on 7/3 vs. the Arizona League Royals...Made final appearance of the season with Lake County after being promoted to the Midwest League on 8/31.

PERSONAL:

PERSONAL: Jordan David Milbrath...Is a graduate of Springfield (MN) High School, where he played football, basketball and baseball...Attended Augustana (SD) College, where he became

the sixth player from the college to be selected in the MLB draft and the 12th to sign a professional contract... Posted a 7-2 record in 2013 for Augustana while making a team-high 12 starts.

LIF	LIFETIME PITCHING STATISTICS																	
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2013	Ari. Indians	1-1	4.87	13	0	0	0	4	20.1	14	12	11	0	1	15	17	8	1
	Lake County	0-1	81.00	1	0	0	0	0	0.1	1	4	3	0	0	2	0	0	0
2014	Lake County	3-12	3.95	26	23	1	1	0	125.1	127	65	55	8	5	49	77	10	0
2015	Lake County	7-11	4.54	27	26	0	0	0	140.2	167	79	71	15	3	46	130	7	0
2016	Lynchburg	3-5	5.43	41	0	0	0	4	59.2	59	49	36	6	4	35	62	22	0
	Akron	1-0	0.00	1	0	0	0	0	2.1	1	0	0	0	0	2	3	1	0
2017	Lynchburg	2-1	2.03	15	0	0	0	2	26.2	18	10	6	0	6	14	34	3	0
	Akron (1)	3-2	3.90	15	0	0	0	2	30.0	30	20	13	5	4	11	29	6	0
Minor	League Totals	20-33	4.33	139	49	1	1	12	405.1	417	239	195	34	23	174	352	57	1

Selected by Cleveland in 2013 First-Year Player Draft (35th round).
(1)Selected by Pittsburgh off Cleveland's Triple-A Columbus roster in Major League Phase of Rule Five Draft on 12/14/17.

HISTORY

COLIN MORAN

INFIELDER • #19

AGE: 25

BORN: 10/1/92 in Port Chester, NY

RESIDES: Celebration, FL
HEIGHT/WEIGHT: 6-4/205

@morancolin92

BATS/THROWS: L/R M.L. SERVICE: 107 days

OBTAINED: From Houston, 1/13/18, along with outfielder Jason Martin and pitchers Joe Musgrove and Michael Feliz, in deal for pitcher Gerrit Cole



AWARDS & HONORS:

- 2017 Pacific Coast League All-Star (mid-season).
- 2015 Texas League All-Star (post-season).
- 2014 Florida State League All-Star (post-season).
 - Named to 2013 Arizona Fall League Rising Stars team

LAST SEASON:

2017 SEASON: Began season with Fresno (Astros' AAA), where he was named a Pacific Coast League mid-season All-Star... Went 2-for-4 with a home run while starting at third base in the Triple-A All-Star Game...Was recalled by Houston on 7/ls... Homered off Richard Bleier and tripled in season debut on 7/21 at Baltimore; his first triple and homer in the big leagues (became the second player in club history to record a homer and triple in his first game of the season, joining Ken Caminiti on 7/16/87 vs.

Philadelphia)...Fouled a ball into his face on 7/22 at Baltimore and was placed on the 10 day disabled list the next day with facial fractures...Underwent surgery on 7/31...Played in a total of 12 rehab games with Quad Cities (three in the regular season and nine post-season games)...Went 14-for-33 (.326) with four doubles and six RBI in a total of 12 rehab games with Quad Cities...Was activated from the disabled list on 9/17 and made five appearances down the stretch.

CAREER HIGHLIGHTS:

2016: Attended spring training as a non-roster invitee with Houston..Began the season with Fresno before having contract selected by the Astros on 5/17...Appeared in a total of nine games with Houston, including six starts at third base...Went 2-for-4 with two RBI on 5/27 at Los Angeles (AL) for first Major

League hits and RBI; snapped an 0-for-13 streak to begin his career in the fifth inning of that game...Was optioned back to Triple-A on 5/30 until being recalled again on 9/16...Recorded first career extra base hit with a double on 10/2 at Los Angeles (AL).

MINOR LEAGUE HIGHLIGHTS:

2015: Spent entire season with Corpus Christi (Astros' Double-A)...Suffered a fractured jaw after an errant throw hit him in the face while sliding into second base on 4/30 at Midland... Missed a month of action before returning to action on 5/29... Was named the Mil.B.com July Texas League Player-of-the-Month after hitting .349 (37-for-106) with seven doubles, three homers, 22 RBI and a .945 OPS in 27 games for the month... Batted .320 (39-for-122) with six homers, 19 RBI and a .940 OPS over his final 32 games spanning August and September...Hit all nine of his home runs in the second half of the season.

2014: Was invited to spring training for the first time in his career as a member of the Marlins (appeared in six games before being sent to minor league camp on 3/17)...Was named to the Florida State League mid-season All-Star team after beginning the season with Jupiter...Entered the season ranked as a top 100 prospect in all of baseball by Baseball America (#61), MLB.com (#51) and Baseball Prospectus (#74)...Appeared in 89 games for Jupiter, including 86 at third base and three as the designated hitter...Was acquired by Houston on 7/31 as part of a trade that sent pitcher Jarred Cosart to Miami...Was assigned to Double-A Corpus Christi for the remainder of the season...Was named the Corpus Christi player-of-the-month for August after batting .303 with six doubles, two homers and 21 RBI...Was named a top prospect by multiple outlets following the season: MLB.com

(Astros' fifth-best prospect), MLB.com (67th prospect overall) and Baseball America (seventh-best Astros' prospect).

2013: Began professional career with Single-A Augusta after being selected sixth overall in the draft earlier in the summer by Miami...Homered in his first professional at bat with a solo shot in the first inning of a 4-3 win vs. Charleston on 7/17...Hit safely in each of his first three games with the Grasshoppers...Collected a hit in 13 of his final 16 games, including eight multi-hit efforts (hit. 407 with five doubles, two homers and five RBI in those 16 games)...Batted .321 in 29 games in August with seven doubles, three homers and 18 RBI...Played for the Glendale Desert Dogs in the Arizona Fall League, batting .230 with three doubles and 10 RBI in 22 games...Was named an Arizona Fall League Rising Star.

MISC: Is the nephew of B.J. Surhoff, a 19-year Major League veteran and former No. 1 overall draft pick, and Rich Surhoff, who pitched one season (1985) in the Majors...Has made 11 appearances (eight starts) at third base in his big league career and one appearance (10/1/17) at shortstop in his big league career... Homered off Richard Bleier and tripled in season debut on 7/21/17 at Baltimore; his first triple and homer in the big leagues (became the second player in club history to record a homer and triple in his first game of the season, joining Ken Caminiti on 7/16/87 vs. Philadelphia).

PERSONAL:

PERSONAL: Colin Richard Moran...Is a 2010 graduate of Iona Prep School in New Rochelle, New York...Earned All-Archdiocese honors as a senior...Was a Journal News Westchester First-team All-Star and also a two-time team MVP...Played collegately at the University of North Carolina...Hit .345 with 13 homers and an NCAA-high 91 RBI as a junior for the Tar Heels, who lost to UCLA in the semifinals of the College World Series...Was an All-American and a finalist for the 2013 Golden Spikes Award as a junior...Was also named the 2013 Atlantic Coast Conference Player-of-the-Year...His older brother, Brian, is a left-handed pitcher in the Rangers organization.

LIF	ETIME BAT	TIN	G S	TATIS	STIC	S														
YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	ОВР	SLG	E
2013	Greensboro	.299	42	154	19	46	8	1	4	23	0	5	1	15	25	1	0	.354	.442	6
2014	Jupiter (1)	.294	89	361	34	106	21	0	5	33	0	3	0	28	53	1	2	.342	.393	5
	Corpus Christi	.304	28	112	12	34	6	0	2	22	0	2	0	9	23	0	1	.350	.411	0
2015	Corpus Christi	.306	96	366	47	112	25	2	9	67	0	4	4	43	79	1	0	.381	.459	10
2016	Fresno	.259	117	459	50	119	18	1	10	69	0	3	2	47	124	3	2	.329	.368	15
	Houston	.130	9	23	1	3	1	0	0	2	0	0	1	1	8	0	0	.200	.174	1
2017	Fresno	.308	79	302	53	93	15	1	18	63	0	3	2	31	55	0	3	.373	.543	10
	Houston (2)	.364	7	11	3	4	0	1	1	3	0	0	0	1	1	0	0	.417	.818	1
	Quad Cities (#)	.100	3	10	0	1	1	0	0	2	0	0	0	2	4	0	0	.250	.200	1
Minor	League Totals	.290	454	1764	215	511	94	5	48	279	0	20	9	175	363	6	8	.353	.430	47
Major	League Totals	.206	16	34	4	7	1	1	1	5	0	0	1	2	9	0	0	.270	.382	2

(#)Injury Rehab Assignment

Selected by Miami (NL.) in 2013 First-Year Player Draft (1st round - 6th overall).

(1)Acquired by Houston from Miami, 7/31/14, along with outfielder Jake Marisnick, pitcher Francis Martes and a 2015 Competitive Balance A selection, in deal for pitcher Jarred Cosart, infielder Kike Hernandez and outfielder Austin Wates.

(2)Acquired by Pittsburgh from Houston, 1/13/18 along with outfielder Jason Martin and pitchers Joe Musgrove and Michael Feliz, in deal for

MAJOR LEAGUE DEBUT

May 16, 2016 at Chicago (AL)

FIRST MAJOR LEAGUE HIT

PITCHER

May 27, 2016 at Los Angeles (AL)......Matt Shoemaker - 1B

FIRST MAJOR LEAGUE HR

DATE **PITCHER**

July 21, 2017 at Baltimore Richard Bleier

LIFETIME FIELDING STATISTICS

THIRD BASE	PCT	G	GS	PO	A	E	TC	DP	TP
2016	.947	8	6	5	13	1	19	1	0
2017		3	2	0	0	0	0	0	0
CAREER	.947	11	8	5	13	1	19	1	0

LIFETIME FIELDING STATISTICS

FIRST BASE	PCT	G	GS	PO	A	E	TC	DP	TP
2017	.900	4	0	9	0	1	10	2	0
CARFER	.900	4	0	9	0	1	10	2	0

SHORTSTO	P PCT	G	GS	PO	Α	Е	TC	DP	ΤP
2017	1.000	1	0	0	2	0	2	0	0
CAREER	1000	1	0	0	2	0	2	0	0

MORAN HIGHLIGHTS

MOST HR/GAME: 1 HR, 7/21/17 at Baltimore.

MOST HITS/GAME: 2 hits (twice), 7/21/17 at Baltimore & 5/27/16 at Los Angeles (AL). MOST RBI/GAME: 2 RBI (twice), 7/21/17 at Baltimore & 5/27/16 at Los Angeles (AL).

MOST RUNS/GAME: 2 runs, 7/21/17 at Baltimore.

LONGEST HITTING STREAK: 2017: 2 games Career: 2 games (2017).

YEAR	RECORD (PCT)
2001	16-6 (.727)
2002	18-7 (.720)
2003	15-11 (.577)
2004	9-12 (.429)
2005	8-12 (.400)
2006	17-14 (.548)
2007	7-14 (.333)
2008	13-7 (.650)
2009	8-8 (.500)

YEAR	RECORD (PCT)
2010	14-8 (.636).
2011	13-8 (.619)
2012	17-14 .(548)
2013	18-9 (.667)
2014	22-12 (.647)
2015	21-7 (.750)
2016	11-12 (.478)
2017	16-8 (.667)
TOTALS	243-169 (.590)

GENERAL

MAX MOROFF

INFIELDER • #38

AGE: 24 (turns 25 on May 13) BORN: 5/13/93 in Winter Park, FL RESIDES: Winter Park, FL

HEIGHT/WEIGHT: 5-10/185

@Max Moroff

BATS/THROWS: S/R M.L. SERVICE: 121 days

OBTAINED: Pittsburgh's 16th round selection

in 2012 First-Year Player Draft



AWARDS & HONORS:

- · Pittsburgh's Minor League Player-of-the-Year in 2015.
- 2015 Eastern League All-Star (mid-season & post-season).
- Altoona team MVP in 2015.

AST SEASON:

2017 SEASON: Split season between Triple-A Indianapolis and Pittsburgh...Made 28 appearances (13 starts) at second base. 16 appearances (10 starts) at shortstop and six appearances (three starts) at third base for the Pirates...Began season with Indianapolis and homered in each of his first three games... Homered from both sides of the plate on 5/6...Shared the International League lead in home runs (eight) at the time of his first recall to Pittsburgh on 5/8...Made his first big league start at second base on 5/8 at Los Angeles (NL)...Singled off Luis Avilan for first Major League hit and RBI on 5/9 at Los Angeles... Went 1-for-9 in four games with the Pirates before returning to Triple-A on 5/12...Celebrated his 24th birthday on 5/13 by hitting his ninth homer of the season - a new single-season career high...Homered from both sides of the plate for a second time on 5/17 at Columbus and was leading the International League with 12 home runs on 5/18...Was tied for first in the International League in home runs (13), ranked second in OPS (.954) and was tied for fifth in RBI (36) when he was recalled a second time by Pittsburgh on 6/2...Appeared as the leadoff batter for the first time on 6/12 vs. Colorado and scored two runs and had an RBI...Connected off St. Louis' Carlos Martinez for his first Major League home run on 7/16 at PNC Park...Scored the tving run in the ninth inning on 7/19 vs. Milwaukee and delivered first career walkoff hit in the 10th, becoming the first MLB player since San Diego's Will Venable on 5/29/13 vs. Seattle to score the tying run of a game as a pinch runner in the ninth inning and deliver a game-ending hit in extra innings...Had three hits in four at bats from 7/16-19 after starting his career with four hits in his first 49 at bats... Was optioned to Indianapolis on 8/6... Played in nine Triple-A games before being recalled a third and final time on 8/18...Homered and had a career-high four RBI on 9/4 vs. Chicago (NL)...Had a three-run triple in his final at bat on 9/30 at Washington and a three-run double in his first at bat the following game on 10/1...Tied career high (second time) with four RBI on 10/1 at Washington...Hit .278 (20-for-72) with three homers and 17 RBI in his final 34 games with the Pirates after going 4-for-48 (.083) with four RBI in his first 22 thru 7/9.

CAREER HIGHLIGHTS:

2016: Spent all but one week of the season with Indianapolis, where he led the International League with 90 walks - the next highest total was 66...Drew multiple walks in a game 23 times, including a pair of three-walk efforts...Tied for third in the league in games, three shy of his career-high of 136 in 2015... Reached base safely in 23 consecutive games from 6/12 to 7/5, the ninth-longest streak in the league in 2016 (batted .297 with a .465 OBP over that span)...Was recalled by Pittsburgh on 7/31 and made his Major League debut that afternoon in Milwaukee: struck out as a pinch hitter against lefty Will Smith...Also struck out in a pinch-hitting role on 8/3 at Atlanta...Was optioned back to Indianapolis on 8/4...Made 61 appearances (60 starts) at second base, 43 appearances (37 starts) at third base and 20 appearances (17 starts) at shortstop with Indianapolis.

2015: Established minor league career highs in nearly every offensive category while spending entire season with Double-A Altoona...Was named Pittsburgh's Minor League Player-of-the-Year and the team MVP at Altoona...Was also selected to the Eastern League's mid- and post-season All-Star teams...Led the league in games, at bats and runs...Also ranked second in hits, third in walks and fourth in total bases (214)...Set a club record for most hits in a season by a switch-hitter and his 153 hits were the most by a Curve player since Starling Marte had a franchiserecord 178 in 2011...Posted the highest fielding percentage (.978) among qualifying second basemen and led Eastern League second basemen in assists (330) and double plays (76); finished second in putouts (215)...Produced a 30-game on-base streak from 4/10 to 5/15, the longest by any player in the league and three shy of club record... Made 107 starts at second base, 12 at shortstop and 11 at third base...Began the month of May with an 11-game hitting streak (20-for-47, .426) and hit .345 during the entire month...Had multi-hit efforts in six straight games from 5/5-10 while batting .520 (13-for-25)...Had a season-best 12-game hitting streak from 6/8-21.

2014: Spent entire season with High-A Bradenton...Tied for second among Pittsburgh farmhands in games played...Led

Florida State League second basemen in fielding percentage (.980), games (123), total chances (647) putouts (239),assists (395) and double plays (88)... Also made five appearances (four starts) at shortstop... Established minor league career high in doubles and stolen bases...Had a four-hit

game on 6/21 at Jupiter...Went 1-for-7 in the postseason.



2013: Spent first full professional season with Low-A West Virginia in the South Atlantic League...Made all 110 defensive appearances (109 starts) at shortstop...Set minor league career high in home runs...Hit .304 with two homers and 14 RBI in 21 games during the month of June...Went 2-for-8 with a run scored and a pair of walks in two playoff games.

2012: Began professional career with the Gulf Coast League Champion Pirates...Made all 21 defensive appearances (20 starts) at shortstop...Went 1-for-1 with three walks and two runs scored in his first pro game on 7/24...Had three hits in his next game on 7/26...Hit .370 (20-for-54) against right-handed pitching...Hit .154 in three playoff games (2-for-13)

MISC: Has made 311 appearances (308 starts) at second base, 198 appearances (191 starts) at shortstop and 57 appearances (51 starts) at third base in his minor league career... Switch hitter has batted .256 (148-for-579) with 16 homers and 84 RBI against I HP and .255 (386-for-1513) with 22 homers and 154 RBI against RHP... Has appeared in the postseason in four of his first six professional

PERSONAL:

PERSONAL: Max Anthony Moroff...Is a 2012 graduate of Trinity Prep School in Winter Park, FL...Went 80-for-80 in stolen base attempts during his high school career...Was an All-District Central Florida first-team selection as a senior after hitting .408 with five home runs, 23 RBI and a .594 on-base percentage... Produced a .458 average, four homers and 19 stolen bases as a junior...Committed to the University of Central Florida prior to signing with Pittsburgh...Was a member of the Maitland (FL)

Little League team that represented the Southeast in the 2005 Little League World Series...His team advanced to the semi-final round before losing, 6-2, to the Vista (CA) team that went on to play in the US Championship Game...Served as the team's leadoff batter and went 4-for-10 with four runs scored in his four games during the tournament...Signed by Pirates scout Nick Presto.

LIF	ETIME BA	ATTI	NG !	STAT	ISTI	CS														
YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	ОВР	SLG	E
2012	GCL Pirates	.343	23	67	17	23	3	0	1	7	2	2	1	17	11	7	3	.471	.433	3
2013	West Virginia	.233	115	429	75	100	18	3	8	48	7	3	2	65	102	8	8	.335	.345	33
2014	Bradenton	.244	130	467	57	114	30	6	1	50	7	3	3	54	129	21	15	.324	.340	13
2015	Altoona	.293	*136	*523	*79	153	28	6	7	51	13	5	1	70	111	17	13	.374	.409	19
2016	Indianapolis	.230	133	421	61	97	18	4	8	45	5	2	2	*90	129	9	7	.367	.349	12
	Pittsburgh	.000	2	2	0	0	0	0	0	0	0	0	0	0	2	0	0	.000	.000	0
2017	Indianapolis	.254	51	185	31	47	10	0	13	37	0	1	1	41	59	5	2	.390	.519	13
	Pittsburgh	.200	56	120	19	24	4	1	3	21	1	1	2	16	43	0	1	.302	.325	0
Minor	League Totals	.255	588	2092	320	534	107	19	38	238	34	16	10	337	541	67	48	.359	.379	93
Major	League Totals	.197	58	122	19	24	4	1	3	21	1	1	2	16	45	0	1	.298	.320	0

(*)Led League

Selected by Pittsburgh in 2012 First-Year Player Draft (16th round).

MAJOR LEAGUE DEBUT

July 31, 2016 at Milwaukee

FIRST MAJOR LEAGUE HR

DATE PITCHER

July 16, 2017 vs. St. Louis

Carlos Martinez

FIRST MAJOR LEAGUE HIT

DATE		PITCHER

May 9, 2017 at Los Angeles (NL).....Luis Avilan - 1B

WALKOFFS (1)

DATE ACTION (INN.)

July 19, 2017 vs. *Milwaukee*.....Single (10th)

LIFETIME FIELDING STATISTICS

SECOND BAS	E PCT	G	GS	PO	A	E	TC	DP	TP
2017	1.000	28	13	34	45	0	79	16	0
CAREER	1.000	28	13	34	45	0	79	16	0

LIFETIME FIELDING STATISTICS

THIRD BASE	PCT	G	GS	PO	A	E	TC	DP	TP	
2017	1.000	6	3	2	8	0	10	3	0	
CADEED	1000	6	7	2	Ω	0	10	7		

LIFETIME FIFLDING STATISTICS

SHORTSTOP	PCT	G	GS	РО	Α	E	тс	DP	TP	-
2017	1.000	16	10	13	42	0	55	4	0	
CARFER	1.000	16	10	13	42	0	55	4	0	_

MOROFF HIGHLIGHTS

MOST HR/GAME: 1 HR (3 times), 9/4/17 vs. Chicago (NL), 8/18/17 vs. St. Louis & 7/16/17 vs. St. Louis.

MOST HITS/GAME: 3 hits, 9/4/17 vs. Chicago (NL).

MOST RBI/GAME: 4 RBI (twice), 10/1/17 at Washington & 9/4/17 vs. Chicago (NL).

MOST RUNS/GAME: 2 runs (4 times), last on 10/1/17 at Washington.

LONGEST HITTING STREAK: 2017: 5 games Career: 5 games (2017).

REVIEW

JOE MUSGROVE

RIGHT-HANDED PITCHER • #59

AGE: 25

BORN: 12/4/92 in El Cajon, CA RESIDES: El Cajon, CA

HEIGHT/WEIGHT: 6-5/260

altsbuccnJoe59

BATS/THROWS: R/R

M.L. SERVICE: 1 year, 63 days

OBTAINED: From Houston, 1/13/18, along with pitcher Michael Feliz, infielder Colin Moran and outfielder Jason Martin, in deal for

pitcher Gerrit Cole



AWARDS & HONORS:

- Participated in 2016 All-Star Futures Game in San Diego.
- Houston's Minor League Pitcher-of-the-Year in 2015.

LAST SEASON:

2017 SEASON: Made his first career Opening Day roster as Houston's No. 4 starter in the rotation...Made his first 5 appearances as a starter and went 4-8 with a 6.12 ERA (78.0ip/55er) and .306 opponent batting average against...Made his final 23 appearances in relief and went 3-0 with a 1.44 ERA (31.1ip/5er) and a .196 opponent batting average against...His 1.44 ERA as a reliever ranked tied for third among A.L. relievers with at least 30.0ip...Was scored upon in just four of his 23 relief outings...Tossed 7.0 scoreless innings and threw a season-high 102 pitches in a 2-0 victory vs. Baltimore on 5/26...Was on the disabled list with right shoulder discomfort between 5/27 and

6/12...Struck out a season-high seven batters on 6/18 at Boston... Was optioned to Fresno on 6/23 and made lone Triple-A start on 6/29 vs. Albuquerque...Was recalled on 7/5 and made two starts before moving to the bullpen...Was scoreless in a career-best 12.1 consecutive innings over nine games between 8/2-25... Recorded first two career saves in back-to-back appearances on 9/16 vs. Seattle and 9/20 vs. Chicago (AL)...Made seven total appearances during the post season...Was the winning pitcher in Game Five of the World Series against the Dodgers; pitched a scoreless 10th inning in Houston's 13-12 victory...Went hitless in five at bats as a batter during the regular season.

CAREER HIGHLIGHTS:

2016: Began season with Corpus Christi (Astros' AA) and was charged with one earned run in 26.1 innings of work... Was leading the Texas League in ERA prior to his promotion to Fresno on 5/13...Went 7-4 with a 2.74 ERA (85.1ip/26er), 87 strikeouts and just 10 walks in 16 minor league games (14 starts)... Was the starting pitcher for the U.S. Team in the Sirius/XM All-Star Futures Game and tossed a perfect first inning in front of his hometown crowd at Petco Park in San Diego...Was recalled by Houston on 8/1 and made Major League debut in relief on 8/2 vs. Toronto...Tossed 4.1 scoreless innings in his debut, allowing just one hit and one walk while striking out eight batters in a 2-1 Houston loss...Set a Major League record for strikeouts by a reliever in a Major League debut...Also set a franchise record for most scoreless relief innings in a Major League debut, which was previously held by RHP Jose Cisnero (3.2ip in 2013)...Made his first big league start on 8/7 vs. Texas and gave up one run

in 7.0 innings of a no-decision...Became the third pitcher since 1913 to record at least six strikeouts and issue no more than one walk in each of his first three appearances in the Majors; the only other two to do it were RHP Johnny Cueto (2008) and RHP Masahiro Tanaka (2014)...His 21 strikeouts over his first three games in the Majors marked the third-most in club history behind RHP J.R. Richard (29 in 1971) and RHP Tom Griffin (26 in 1969)...Won his first Major League game on 8/12 at Toronto (7.0ip/2er)...Had a sacrifice bunt in his lone plate appearance on 8/23 at Pittsburgh...Carried a no-hitter into the sixth inning on 9/20 at Oakland, ultimately allowing one run in 5.1 innings in a 2-1 Astros win...Posted a 3-1 record, a 1.75 ERA (36.0ip/7er) and 37 strikeouts in six games (five starts) at Minute Maid Park... Compiled a career-high 147.1 innings pitched between his three stops in the Houston system.

MINOR LEAGUE HIGHLIGHTS:

2015: Was named Houston's minor league Pitcher-of-the-Year after going 12-1 with a 1.88 ERA (100.2ip/21er), 99 strikeouts and eight walks in 19 games (14 starts) across three levels of the system...Led all of minor league baseball in strikeout to walk ratio (12.38)...Was named an Mil.B.com Organization All-Star...Posted the fourth-best ERA among all minor league pitchers...Began season at Quad Cities (Astros' Class-A) where he was charged with two earned runs and walked just one batter in 25.2ip... Posted the fifth-lowest ERA in the Midwest League (0.87) during the month of April...Was promoted to Lancaster on 5/9...Went seven straight games without walking a batter between 4/28 and 5/31 (35.0ip)...Finished campaign at the Double-A level with Corpus Christi...Earned his first professional save on 7/24 at Frisco after pitching the final 4.0 scoreless innings in a 9-3 win.

2014: Spent entire season in the New York-Penn League pitching with Tri-City...Tied for second in the league in strikeouts...Also ranked third in innings pitched and WHIP (0.96), and eighth ERA...Was named a Baseball America Short Season All-Star...Also received Tri-City MVP honors...Was named Pitcher-of-the-Week for the week August 18-24 after putting together back-to-back

scoreless outings (13.0ip)...Posted a 3-0 record and a 1.17 ERA (30.2ip/4er) in five starts during the month of August...Went 1-0 with a 0.69 ERA (13.0ip/1er) and 15 strikeouts in the postseason... Was ranked by Baseball America as the 16th-best prospect in the New York-Penn League following the season.

2013: Spent first full season in the Houston organization pitching in the Gulf Coast League...Surrendered lone home run in his third outing on 7/17...Was charged with two earned runs in his last five appearances/two starts (18.1ip).

2012: Began season with the Rookie Level Bluefield Blue Jays... Was acquired by Houston as part of a 10-player deal on 7/20... Finished season making four relief appearances with Greenville in the Appalachian League.

2011: Began professional career with the GCL Blue Jays after being selected by Toronto in the supplemental first round of the First-Year Player Draft (46th player chosen overall)...Made final appearance with Bluefield on 8/28...Was ranked as the 15th-best prospect in the GCL following the season.

PERSONAL:

PERSONAL: Joseph Anthony Musgrove...Is a 2011 graduate of Grossmont High School in El Cajon, CA, where he pitched and played first base...Went 7-5 with a 2.40 ERA (78.2ip/27er) and

100 strikeouts in 14 games as a senior, while also batting .350 (36-for-103) with nine home runs and 32 RBI...Was also a part of the offensive and defensive line on the football team.

GCL Blue Jays

Bluefield

Bluefield (1)

Greenville

GCL Astros

Quad Cities

Corpus Christi

Lancaster Corpus Christi

Fresno Houston

Houston

Minor League Totals

Major League Totals

Fresno (2)

and Brandon Lvon.

deal for pitcher Gerrit Cole.

Tri-City

LIFETIME PITCHING STATISTICS

W-L

0-1

1-0 0.00

0-0

0-1 7.00

1-3

4-0

4-0

2-1 0.34

5-3

4-4

7-8

1-0 0.00

29-11

11-12

ERA

4.57

1.13

4.41

2.81

0.70

2.40

2.20

3.81

4.06

4.77

2.77

4.52

G GS CG SHO SV

9.0

32.2

25.2

30.0

59.0

O o 62.0

109.1

171.1

Ω

7.0

Selected by Toronto in 2011 First-Year Player Draft (supplemental 1st round pick - 46th selection overall).

(1)Acquired by Houston from Toronto, 7/20/12, along with pitchers Francisco Cordero, David Rollins and Asher Wojciechowski, outfielder Ben Francisco, catcher Carlos Perez and a player to be named (pitcher Kevin Comer), in deal for pitchers, David Carpenter, J.A. Happ

(2)Acquired by Pittsburgh from Houston, 1/13/18, along with infielder Colin Moran, pitcher Michael Feliz and outfielder Jason Martin, in

77.0

3.0

8.0

YEAR CLUB

BASEBALL OPS

EAR	CLUB/OPP		W-L	EKA			. cu	эпо	34	IP.		ĸ	ER	пк		٠ '	ьь	30	WF
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ivisio	n Series Tota	s	0-0	4.50	2	2 (0	0	0	2.0	1	1	1	1	(0	0	1	0
CH	AMPION	SHIF	SE	ERIE!	s st	ATI	STI	CS											
	CLUB/OPP		W-L	ERA	_	_	_	SHO	sv	IP	н	R	ER	HR	н	P I	вв	so	WP
017	Hou. vs. NYY		0-0	27.00		1 (0	0	0	0.2	2	2	2	0	(0	0	0	0
C.S T	otals		0-0	27.00		1 (0	0	0	0.2	2	2	2	0	(0	0	0	0
WO	RLD SEI	RIES	ST	ATIS	TIC	S													
AR	CLUB/OPP		W-L	ERA		G:	s cg	SHO	sv	IP	н	R	ER	HR	н	P I	вв	so	WP
)17	Hou. vs. LA		1-0	6.75	4	١ (0 0	0	0	4.0	3	3	3	2	(0	1	2	0
orld	Series Totals		1-0	6.75	4	. (0	0	0	4.0	3	3	3	2	(0	1	2	0
	IODIEA		DE							1ST	MAJ	ΩD	1 =	AGI		\A/II	N .		
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	August 2, 20	16 vs.	Toron	to							Aug	ust 12	2, 20	16 at 7	oror	nto			
.IFI	ETIME FI	ELD	INC	ST/	ATIS	TIC	S			HIT	ΓΤΙΝ	G 1	10 1	AL	5				
ітсн	ER PCT	G	GS	РО	Α	E	тс	DP	TP	YEAR	AV	G AB	R	Н 2В	3B	HR	RBI	BB S	SAC
016	1.000		10	10	8	0	18	2	0	2016	.000			0 0	0	0	0	0	1
017	.973	38	15	15	21	1	37	2	0	2017	.000		-	0 0	0	0	0	0	0
CARE		49	25	25	29	1	55	4	0	CARE	ER .00	5	0	0 0	0	0	Ü	U	1
										FIRS	T M.L. I	HIT: N	No Ma	ajor Le	eagu	ie Hit	s		
										FIRS	T M.L. I	RBI: N	No M	ajor L	eagu	ie RB	I		
1U !	SGROVE	HIG	HL	GHT	S														
	ST STRIKEOU																		
	ST INNINGS I onto.	itch	ED: S	tarter:	7.0 IF	9 (4 ti	imes)	, last c	n 5/26	6/17 vs. E	altimo	re	Relie	ever: 4	4.1 IF	P, 8/2	2/16	VS.	
	ST WALKS: S exas.	tarter.	: 3 BE	3 (7 tin	nes), la	ast or	5/21	/17 vs.	Cleve	land <i>Rel</i>	iever: '	ВВ	(6 ti	mes),	last	on 8	3/30	/17	
	IGEST SCOR	ELESS	INN	NGS S	TREA	K: 12.	1 IP (8	3/2 to 8	3/25/1	7).									
LON									-, -,										
	IGEST WINN				ames	(7/24	to 9,	/2/17).											

DIVISION SERIES STATISTICS

DIVIDION SER				_													
YEAR CLUB/OPP	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2017 Hou. vs. Bos.	0-0	4.50	2	0	0	0	0	2.0	1	1	1	1	0	0	1	0	0
Division Series Totals	0-0	4.50	2	0	0	0	0	2.0	1	1	1	1	0	0	1	0	0

ΙP

21.2

45.0

344.1

н R ER HR HP BB

1.3

SO WP BK

DOVYDAS NEVERAUSKAS

AGE: 25

BORN: 1/14/93 in Vilnius, Lithuania

RESIDES: Vilnius, Lithuania

meight/weight: 6-3/225

DovydasNeveraus

BATS/THROWS: R/R M.L. SERVICE: 51 days

OBTAINED: Signed as a non-drafted free

agent on 7/9/09



AWARDS & HONORS:

· Participated in 2016 All-Star Futures Game in San Diego.

LAST SEASON:

2017 SEASON: Began season with Triple-A Indianapolis, where he led the staff in saves and ranked third among International League leaders...Also had five separate stints in the Majors with the Pirates...Picked up a save in his first appearance on 4/7 vs. Toledo...Produced a 0.00 ERA (8.1ip/3r/0er) in five games thru 4/22...Was recalled by Pittsburgh on 4/24...Made his Major League debut on 4/24 vs. Chicago (NL) and was charged with one run in 2.0ip...Became the first player who was born and raised in Lithuania to appear in a big league game... Was optioned back to Indianapolis in 4/26...Made five straight scoreless outings (5.0ip) between 5/10-19...Had a 3.58 ERA (27.2ip/15r/11er) and four saves in 21 Triple-A games prior to his second recall to Pittsburgh on 6/8...Tossed a scoreless inning on 6/8 vs. Miami and gave up two runs in 2.0ip on 6/9 vs. Miami...Was optioned back to Indianapolis on 6/10...Was scored upon in just three of his 18 appearances with Indy between 6/1 and 8/1 (21.0ip/4er - 1.71 ERA) and went 7-for-8 in save opportunities in that time...Was recalled a third time by Pittsburgh on 8/2 when Wade LeBlanc went on the Bereavement List...Pitched a 1-2-3 ninth inning on 8/3 vs. Cincinnati...Tossed 2.0 scoreless innings and won his first Major League game on 8/6 vs. San Diego...Was optioned to Indianapolis on 8/7...Was recalled a fourth time on 8/19 and pitched a scoreless inning that night vs. St. Louis...Retired the two St. Louis batters he faced while stranding two inherited runners in the game at Bowman Field in Williamsport on 8/20. Made his third straight appearance on 8/21 and suffered first big league loss after giving up a tie-breaking solo homer to Yasiel Puig in the 12th inning of a 6-5 loss...Was optioned to Indianapolis on 8/22... Picked up his team-leading 13th save on 8/26 vs. Columbus... Was recalled a fifth time when Adam Frazier went on the D.L. on 8/28...Had a 2.63 ERA with the Pirates before being scored upon in each of his last two games (1.1ip/4er).

MINOR LEAGUE HIGHLIGHTS:

2016: Went 4-4 with five saves and a 3.10 ERA (58.0ip/20er) in 47 combined relief appearances between Altoona and Indianapolis...Finished tied for third among all Pirates minor leaguers in appearances...Began season at the Double-A level, where he posted a 1.50 ERA (24.0ip/2er) in his final 18 outings... Struck out four consecutive batters on 4/19 at Harrisburg in 2.0 innings of work...Farned first Double-A save on 5/11 vs. Trenton... Did not allow a run in 12 consecutive outings from 4/25 to 5/30 (16.2ip)...Recorded his lone win with Altoona on 5/13 at Richmond...Was leading all Eastern League relievers with a .129 batting average against (12-for-93) at the time of his promotion to Triple-A on 6/15...Recorded first save with Indy on 6/18 at Charlotte...Was charged with an earned run in just two of his first 13 Triple-A outings...Picked up first win with Indianapolis on 7/6 vs. Louisville...Allowed one hit while tossing a scoreless eighth inning for the World Team in the All-Star Futures Game at San Diego on 7/10...Recorded a 0.82 ERA (11.0ip/2r/1er) in nine appearances in July...Surrendered only home run of the season while suffering the loss on 8/6 vs. Toledo...Was placed on suspended list by the Pirates on 8/30 for the remainder of the season due to an off-field incident.

2015: Posted a 2-2 record, a 3.16 ERA (68.lip/24er), 49 strikeouts and a .227 batting average against in 31 combined appearances (five starts) between the West Virginia Power, Bradenton and West Virginia Black Bears...Began season in the starting rotation with the Power...Earned first win after tossing 5.0 scoreless innings on 4/29 at Hagerstown...Made each of his final 26 appearances of the season out of the bullpen...Was placed on the disabled list on 5/22 with a right biceps strain...Made one rehab appearance with the West Virginia Black Bears on 6/21... Was returned from rehab and reinstated from the D.L. on 6/27... Recorded first professional save in first game back with the Power on 6/27 vs. Greensboro...Did not allow a run in final eight appearances (16.0ip) while also recording a .158 batting average

(9-for-57) with the Power...Was promoted to Bradenton on 8/4 for the remainder of the season...Converted four of his five save opportunities with the Marauders.

2014: Established minor league career highs in starts, strikeouts and innings pitched while spending entire season with Single-A West Virginia of the South Atlantic League...Made 26 of his 27 appearances as a member of the starting rotation...Finished tied for fourth in the South Atlantic League in starts...Improved to 3-1 after tossing 5.0 scoreless innings in his outing on 5/l8 v. Delmarva...Tossed a 5.0-inning complete game while suffering the loss on 6/3 vs. Kannapolis...Went 0-5 over a stretch of six starts from 5/24 to 6/23 before earning the win on 6/28 vs. Lakewood...Recorded his final win on 8/15 at Lexington...Made final appearance of the season in relief on 9/1 vs. Asheville.

2013: Worked exclusively as a starter for the first time in his career while spending entire season with Jamestown...Started and lost Game Two against State College in the first round of the New York-Penn League playoffs.

2012: Spent majority of season with the Gulf Coast League Pirates before receiving a late-season promotion to State College...Earned his lone win with the Baby Bucs after making his only appearance in relief on 8/18 vs. the GCL Tigers...Made one start with State College after being promoted on 9/1.

2011: Spent entire season with the GCL Pirates...Went 3-0 with a 1.53 ERA (17.2ip/3er) in his eight relief appearances and 0-1 with a 7.36 ERA (7.1ip/6er) in his two starts.

2010: Spent first professional season with the GCL Pirates...Made professional debut on 6/22 vs. the GCL Yankees and allowed two runs in 2.1 innings of relief...Earned first professional win in final appearance on 7/30 with 2.0 scoreless innings of relief.

PERSONAL:

PERSONAL: Dovydas Neverauskas (pronounced "DOE-veeduss never-OUS-kiss")...His father, Virmidas, promotes baseball to Lithuanian children and coaches a handful of national, club and Little League teams...Attended the 2008 and 2009 MLB European baseball camps in Italy. Became the first player to

be signed directly out of the country of Lithuania after being signed by Pirates scout Tom Randolph in 2009...The only other Lithuanian to play Major League Baseball was outfielder Joe Zapustas, who was raised in Boston and played just two games for the Philadelphia Athletics in 1933.

LIF	ETIME PITO	HINC	STA	TIST	FICS	5												
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2010	GCL Pirates	1-0	5.40	6	0	0	0	0	10.0	14	6	6	0	0	5	6	2	0
2011	GCL Pirates	3-1	3.24	10	2	0	0	0	25.0	22	12	9	3	5	14	18	2	1
2012	GCL Pirates	1-1	4.08	10	9	0	0	0	35.1	37	21	16	3	1	18	29	7	0
	State College	0-0	2.25	1	1	0	0	0	4.0	2	1	1	0	0	2	4	0	0
2013	Jamestown	4-4	4.01	15	15	0	0	0	60.2	55	33	27	8	*10	22	39	11	0
2014	West Virginia	6-12	5.60	27	26	1	0	0	123.2	151	86	77	12	8	55	88	16	0
2015	West Virginia	1-2	3.65	18	5	0	0	2	49.1	39	24	20	3	1	19	37	7	1
	West Virginia (#)	1-0	3.86	1	0	0	0	0	2.1	4	2	1	1	0	3	2	2	0
	Bradenton	0-0	1.62	12	0	0	0	4	16.2	15	4	3	0	0	5	10	1	0
2016	Altoona	1-0	2.57	22	0	0	0	1	28.0	12	10	8	0	0	11	32	4	0
	Indianapolis	3-4	3.60	25	0	0	0	4	30.0	36	14	12	1	1	11	24	4	0
2017	Indianapolis	1-2	2.86	40	0	0	0	13	50.1	47	20	16	1	0	21	46	5	0
	Pittsburgh	1-1	3.91	24	0	0	0	0	25.1	24	11	11	4	1	8	17	2	0
Minor	League Totals	22-26	4.05	187	58	1	0	24	435.1	434	233	196	32	26	186	335	61	2
Major	League Totals	1-1	3.91	24	0	0	0	0	25.1	24	11	11	4	1	8	17	2	0

(#)Injury Rehab Assignment (*)Led League Signed by Pittsburgh as a non-drafted free agent on 7/9/09.

MAJOR LEAGUE DEBUT

April 24, 2017 vs. Chicago (NL)

1ST MAJOR LEAGUE WIN

August 6, 2017 vs. San Diego

HITTING TOTALS

YEAR AVG AB R H 2B 3B HR RBI BB SAC

Has No Major League Plate Appearances

LIFETIME FIELDING STATISTICS

PITCHER	PCT	G	GS	РО	A	E	тс	DP	TP	
2017	1.000	24	0	3	3	0	6	1	0	
CARFER	1.000	24	0	.3	3	0	6	1	0	

NEVERAUSKAS HIGHLIGHTS

MOST STRIKEOUTS: 3 K's, 8/6/17 vs. San Diego.

MOST INNINGS PITCHED: 2.0 IP (3 times), 8/6/17 vs. San Diego, 6/9/17 vs. Miami & 4/24/17 vs. Chicago (NL).

MOST WALKS: 2 BB, 9/19/17 vs. Milwaukee.

LONGEST SCORELESS INNINGS STREAK: 7.0 IP (9/10 to 9/27/17).

LONGEST WINNING STREAK: 1 game (8/6/17). LONGEST LOSING STREAK: 1 game (8/21/17).

2017

HISTORY

IVAN NOVA

RIGHT-HANDED PITCHER • #46

AGE: 31

BORN: 1/12/87 in Palenque, D.R. **RESIDES:** San Cristobal, D.R.

HEIGHT/WEIGHT: 6-5/250

@IvanNova47

BATS/THROWS: R/R

M.L. SERVICE: 7 years, 24 days

OBTAINED: Signed as a free agent on

12/27/16 (3-year deal thru 2019)



AWARDS & HONORS:

- National League Pitcher-of-the-Month (April 2017).
- American League Pitcher-of-the-Month (August 2013).

LAST SEASON:

2017 SEASON: Established career highs in starts and innings pitched while spending his first full season as a starting pitcher (without any time on the D.L. or in the minors)...Went 9-6 with a 3.21 ERA and a .254 opponents batting average against in 18 starts prior to the All-Star break and 2-8 with a 5.83 ERA and a .316 average against in 13 starts after...Posted an 8-2 record and a 2.80 ERA in 12 home starts (includes 11 starts at PNC Park and one "home" game at Bowman Field in Williamsport, PA)... Went 3-12 with a 5.02 ERA in 19 road starts; was winless (0-8) in his last nine road starts after winning on 7/8 at Wrigley Field... Started the Pirates Home Opener (team game #3) on 4/7 vs. Atlanta and was the winning pitcher (6.0ip/1r/0er)...Tossed a complete game in a losing effort on 4/17 at St. Louis; threw just 78 pitches in a 2-1 loss to Lance Lynn...Ended his streak of 154 batters faced without issuing a base on balls after walking Yankees pitcher Jordan Montgomery on 4/23; was his first walk since 9/13/16...His streak of six starts without a walk was the longest by a Pittsburgh pitcher since Babe Adams (also six) in 1922-23...Tied team record by making 17 consecutive starts with one walk or fewer from 8/6/16 thru 5/4/17 - also Babe Adams from 7/1/22 thru 5/7/23...Pitched his second complete game on 4/29 at Miami, becoming the first Pittsburgh pitcher since Zane Smith in 1992 to have two complete games in the month of April... Was named National League Pitcher-of-the-Month of the month of April after going 3-2 with a 1.50 ERA (36.0ip/6er) in five starts: the first Pittsburgh pitcher since Gerrit Cole (April 2015) to take home Pitcher-of-the-Month accolades...Pitched 8.1 innings while winning his fifth game on 5/25 at Atlanta...Collected his first hit of the season on 5/30 vs. Arizona (single off Robbie Ray). snapping an 0-for-28 streak dating back to 2016...Ranked third among National League pitchers with 41.0 innings pitched during the month of May, trailing only Carlos Martinez (44.1) and Max Scherzer (43.2)...Left his start on 6/6 at Baltimore in the seventh inning due to left knee inflammation...Also gave up three home runs on 6/6; the first time he allowed three homers in a game since 4/19/14...Pitched 6.0 innings or more in each of his first 15 starts; the first Pittsburgh pitcher to do so in a season since Eddie Solomon (17 starts) in 1981...Walked a season-high four batters on 9/22 vs. St. Louis; the first time he issued four walks in a game since 8/25/15...Went 1-for-51 and had nine sacrifice bunts as a batter; went hitless in his last 27 at bats after collecting lone hit on 5/30...Left his final start on 9/28 after being hit by a pitch (right hand) in his first at bat.

CAREER HIGHLIGHTS:

2016: Went 12-8 with a 4.17 ERA (162.0ip/75er), 28 walks and 127 strikeouts in 32 total games (26 starts) with New York (AL) and Pittsburgh...Ranked fifth among Major League pitchers with a 1.56 BB/9.0ip ratio...Set career highs in games and his three complete games tied his single-season career high (also had three with the Yankees in 2013)...His three complete games with Pittsburgh were the most by a Pirates pitcher since Zach Duke had three in 2009...Began season pitching in relief with the Yankees...Tossed 4.0 scoreless innings in his first appearance on 4/6 vs. Houston and earned his first Major League save in New York's 16-6 victory...Picked up his second career relief win (also 5/25/13) after tossing 2.1 scoreless frames in 6-3 victory on 4/22 vs. Tampa Bay...Suffered loss while making final relief appearance on 5/1 at Boston...Went 1-1 and posted a 5.14 ERA (14.0ip/8er) in his six relief outings...Made first start with the Yankees on 5/9 vs. Kansas City (4.2ip/1er) and received a nodecision...Won back-to-back starts on three occasions; 5/14 and 5/19, 6/4 and 6/9 and again before and after the All-Star break on 7/7 and 7/18...Went 6-5 with a 4.86 FRA (83.1ip/45er) in his 15 starts with New York...Was acquired by Pittsburgh on 8/1... Made his debut with the Pirates on 8/6 and won a 5-3 decision vs. Cincinnati (7.0ip/3er) while throwing just 76 pitches...Also singled off Homer Bailey on 8/6 and scored his first Major League run...Threw 98 pitches while pitching his fourth career complete game on 8/23 vs. Houston...Gave up one run in 6.0ip while winning a 3-1 decision on 8/28 at Milwaukee; also left the game after six innings with left hamstring discomfort...Became the second Pittsburgh pitcher in the last 75 years to go 4-0 in his first five games with the Pirates (also Dave LaPoint in 1988)... Went 4-0 with a 2.87 ERA in five starts during the month of August; was one of only four pitchers in the National League to produce a 4-0 record while making five or more starts during the month...Pitched his second complete game on 9/8 vs. Cincinnati (94 pitches)...Became the first Bucco pitcher since Paul Maholm in 2007 to throw fewer than 100 pitches in two complete games in the same season...Gave up 18 hits and 11 runs (seven earned)

while losing back-to-back starts on 9/18 and 9/24...Was credited with his third complete game of the season in his final start on 9/29 vs. Chicago (5.lip/ler); game ended in a 1-1 tie due to rain in the sixth inning...Issued only one walk in his first five starts (31.lip) with the Pirates and just three free passes overall with the Bucs in 64.2ip...Went 3-for-26 (.115) at the plate overall with New York and Pittsburgh.

2015: Missed the first 71 team games while spending time on the 60-day disabled list recovering from "Tommy John" surgery, which was performed on 4/29/14...Went 1-1 with a 4.02 ERA (15.2ip/7er) in three rehab starts - one with Single-A Tampa and two with Triple-A Scranton/Wilkes-Barre...Recalled from rehab and reinstated from the D.L. on 6/24...Pitched 6.2 scoreless innings while winning a 10-2 decision on 6/24 vs. Philadelphia; his first start since 4/19/14...Received a decision in all 17 of his starts...Became the first pitcher to earn a decision in every appearance - while making at least 17 - since 1942 when Philadelphia's (AL) Lum Harris went 11-15 in 26 games (20 starts) and Chicago's (AL) Ted Lyons went 14-6 in 20 starts...Became just the third Yankees pitcher to do so, joining Red Ruffing in 1939 (21-7 in 28 starts) and Clark Griffith in 1903 (14-11 in 25 games/24 starts)...Went 4-3 with a 3.10 ERA (40.2ip/14er) in his first seven starts thru 8/2...Posted a 2-8 record and a 6.58 ERA (53.1ip/39er) in his final 10 starts...Lost a career-high four straight decisions to end the season (9/12 thru 10/3).

2014: Made his fourth straight Opening Day roster with the Yankees...Was removed from start on 4/19 at Tampa Bay with right elbow soreness after allowing eight runs (four homers) in 4.0ip...Underwent an MRI on 4/19 which revealed a partial tear of the ulnar collateral ligament...Was placed on 15-day D.L. on 4/20; was transferred to 60-day D.L. on 4/24...Underwent "Tommy John" surgery on 4/29; surgery performed by Dr. James Andrews in Pensacola, FL.

OPS

BASEBALL

CAREER HIGHLIGHTS (CONTINUED):

2013: Gave up just eight home runs in 127.2ip as a starter in two separate stints with the Yankees; his 0.56 HR per 9.0ip ratio as a starting pitcher was the second-best mark amona American League pitchers behind Detroit's Anibal Sanchez (0.45)...Began season with New York



and went 1-1 with a 6.48 ERA (16.2ip/12er) in four starts thru 4/26...Was on the D.L. with right triceps inflammation from 4/27 to 5/23...Made two relief appearances (6.0ip/1er) on 5/25 and 5/29...Pitched 5.0 innings of relief on 5/29 vs. New York (NL); produced the 50th "immaculate inning" in Major League history, striking out Ike Davis, Mike Baxter and Ruben Tejada on nine pitches in the eighth inning - the first Yankees pitcher to accomplish the feat since A.J. Burnett on 6/20/09 at Florida... Was optioned to Scranton/WB on 5/31...Made three Triple-A starts before being recalled by New York on 6/23...Went 7-5 with a 2.70 ERA in final 17 games (16 starts) with the Yankees...Struck out a season-high 11 batters while pitching his first Major League complete game - a three-hitter - in a 3-2 win vs. Baltimore on 7/5...Was named A.L. Pitcher-of-the-Month for August after going 4-0 with a 2.08 ERA (43.1ip/10er) in six starts...Recorded first big league shutout on 8/31 vs. Baltimore (three-hitter)... Tossed at least 7.0 innings and allowed three earned runs or less in seven straight starts from 7/5 to 8/14, the longest such streak by a Yankees righthander since David Cone (also seven) in 1998...Pitched his third complete game and second shutout on 9/21 vs. San Francisco.

2012: Spent his first full season in the Majors with the Yankees... Became just the third Yankees pitcher since 1991 to win at least 12 games with an ERA of 5.00 or higher, joining Randy Johnson (17-11, 5.00 ERA in 2006) and Rich Dotson (12-9, 5.00 ERA in 1988)... Allowed a New York record 87 extra-base hits (52 doubles, seven triples, 28 home runs)...Suffered first loss on 5/2 at Baltimore, snapping his 15-game winning streak dating back to 6/10/11; was the second-longest winning streak in club history, trailing only

Roger Clemens' 16-game streak from 5/26 to 9/19/01...Struck out career-high 12 batters - including each of the first seven batters he faced - in a 6-5 loss on 5/19 vs. Cincinnati...Singled off Randall Delgado for first big league hit on 6/11 at Atlanta... Had his 12-game road winning streak snapped on 7/3 at Tampa Bay; had gone undefeated in his previous 16 road starts from 6/20/11 thru 6/23/12, going 12-0 with a 3.17 ERA (105.0ip/37er) over the span...Was on the 15-day D.L. from 8/23 to 9/14 with inflammation in his right rotator cuff.

2011: Ranked first among American League rookie starting pitchers in wins (16), second in ERA (3.66) and third in innings pitched (164.2)...His 16 wins marked the most by a Yankees rookie since Stan Bahnsen in 1968 (17-12)...Is one of only four rookies (since MLB began designating rookies in 1958) to win at least 16 of their first 20 decisions in a season; the others being Wally Bunker in 1964. Tom Gordon in 1989 and Matt Shoemaker in 2014...Suffered a loss in his only relief appearance on 4/19 at Toronto, Went undefeated in his final 16 starts from 6/10 thru 9/25 (went 12-0 with a 3.25 ERA); marked the longest singleseason winning streak by a Major League rookie since Cincinnati's Tom Browning went undefeated in 14 consecutive starts in 1985... Won eight straight starts from 7/1 thru 9/2, becoming the first Yankees rookie with such a streak since Marius Russo won eight straight in 1939... Was optioned to Scranton/WB on 7/3, following Bartolo Colon's return from the D.L....Was recalled on 7/30 and started game two of a doubleheader that night vs. Baltimore...Made postseason debut in relief in Game 1 of the A.L.D.S. against Detroit and earned the win (6.1ip/2er)...Started and lost the fifth and deciding game of the series; gave up two runs in 2.0ip before leaving with right forearm tightness.

2010: Spent majority of season with Scranton/WB, where he led the staff wins, ERA, strikeouts and innings pitched...Ranked second among International League pitchers in ERA...Tied for first in winning percentage and ranked third in wins...Was recalled by New York on 5/10 and made Major League debut in relief on 5/13 at Detroit (2.0ip/or)...Made one more relief appearance on 5/16 vs. Minnesota (1.0ip/or) before being optioned back to Scranton/WB on 5/17...Went 10-1 with a 2.19 ERA (94.2ip/23er) over his final 14 Triple-A starts from 6/5 thru 8/18...Was recalled a second time on 8/22...Received a no-decision in his first big league start on 8/23 at Toronto (5.1ip/2er)...Won his first Major League game on 8/29 at Chicago-AL (5.2ip/1er).

MINOR LEAGUE HIGHLIGHTS:

2009: Went 6-8 with a 3.68 ERA (139.1ip/57er) in 24 combined starts between Trenton (Yankees' AA) and Scranton/WB...Held left-handed batters to a .188 average and one home run while pitching at the Double-A level...Tossed 5.2 scoreless frames while winning Triple-A debut on 6/29 vs. Rochester...Made two postseason starts for Scranton/WB, going 1-0 with a 1.93 ERA (140ip/3er)...Appeared in five games (four starts) with Escogido during the Dominican Winter League and went 1-0 with a 1.05 ERA (25.2ip/3er).

2008: Spent entire season with Tampa and ranked second among Florida State League pitchers in innings pitched.

2007: Led Charleston staff in starts...Made one relief appearance for Escogido in the Dominican Winter League (1.2ip) and earned the victory.

MISC: His 26-7 (.788) record thru his first 50 Major League starts (8/23/10 - 7/3/12) was the second-highest such winning percentage among big league pitchers who debuted between 1900 and 2010, trailing only Roy Oswalt (31-8, .795)...His 53 wins with New York are the most ever by a Dominican-born pitcher with the Yankees...His 15 consecutive wins from 6/10/11 to 4/27/12 are the second-most in Yankees history behind Roger Clemens' 16 from 5/26 to 9/19/01.

PERSONAL:

PERSONAL: Ivan Manuel Guance Nova...Was selected by San Diego in the Rule 5 Draft on 12/11/08, but was returned to the

Yankees on 3/29/09 after giving up 11 runs (eight earned) in 8.2ip during spring training with the Padres in 2009.

MAJOR LEAGUE DEBUT

1ST MAJOR LEAGUE SAVE

1ST MAJOR LEAGUE WIN

May 13, 2010 at Detroit

April 6, 2016 vs. Houston

August 29, 2010 at Chicago (AL)

OPS

LIF	ETIME PITO	HINC	STA	TIS'	TICS	5												
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	НР	ВВ	so	WP	вк
2005	DSL Yankees 1	0-1	2.29	11	7	0	0	0	39.1	29	11	10	2	3	11	38	5	0
2006	DSL Yankees	3-0	2.72	10	5	0	0	1	43.0	36	13	13	5	3	7	36	3	0
2007	Charleston	6-8	4.98	21	21	0	0	0	99.1	121	64	55	8	6	31	54	4	0
2008	Tampa (1)	8-13	4.36	26	24	0	0	0	148.2	168	81	72	6	9	46	109	12	1
2009	Trenton	5-4	2.36	12	12	0	0	0	72.1	65	27	19	3	2	31	47	5	3
	Scranton/WB	1-4	5.10	12	12	1	0	0	67.0	72	39	28	4	3	28	43	4	0
2010	Scranton/WB	12-3	2.86	23	23	0	0	0	145.0	135	50	46	10	2	48	115	4	1
	New York - AL	1-2	4.50	10	7	0	0	0	42.0	44	22	21	4	1	17	26	2	0
2011	New York - AL	16-4	3.70	28	27	0	0	0	165.1	163	74	68	13	6	57	98	11	0
	Scranton/WB	1-2	3.38	3	3	0	0	0	16.0	16	6	6	3	0	2	18	6	0
2012	New York - AL	12-8	5.02	28	28	0	0	0	170.1	194	100	95	28	10	56	153	6	2
2013	New York - AL	9-6	3.10	23	20	3	2	0	139.1	135	49	48	9	14	44	116	3	0
	Scranton-WB	2-0	2.04	3	3	0	0	0	17.2	15	6	4	1	0	4	17	0	0
2014	New York - AL	2-2	8.27	4	4	0	0	0	20.2	32	19	19	6	2	6	12	1	0
2015	Tampa (#)	0-0	1.93	1	1	0	0	0	4.2	3	2	1	0	0	0	3	0	0
	Scranton/WB (#)	1-1	4.91	2	2	0	0	0	11.0	12	6	6	1	1	3	7	0	0
	New York - AL	6-11	5.07	17	17	0	0	0	94.0	99	54	53	13	7	33	63	5	0
2016	New York - AL (2	7-6	4.90	21	15	0	0	1	97.1	107	54	53	19	6	25	75	7	0
	Pittsburgh	5-2	3.06	11	11	3	0	0	64.2	68	27	22	4	3	3	52	3	0
2017	Pittsburgh	11-14	4.14	31	31	2	1	0	187.0	203	96	86	29	7	36	131	8	0
Minor	League Totals	39-36	3.66	124	113	1	0	1	664.0	672	305	270	43	29	211	487	43	5
N.L. T	otals	16-16	3.86	42	42	5	1	0	251.2	271	123	108	33	10	39	183	11	0
A.L. T	otals	53-39	4.41	131	118	3	2	1	729.0	774	372	357	92	46	238	543	35	2
Major	League Totals	69-55	4.27	173	160	8	3	1	980.2	1045	495	465	125	56	277	726	46	2

(#)Injury Rehab Assignment
Signed by New York as a non-drafted free agent on 7/15/04.
(1)Selected by San Diego in the second round of the Rule 5 Draft on 12/11/08; returned to New York (AL) on 3/29/09.
(2)Acquired by Pittsburgh from New York (AL), 8/1/16, in deal for two players to be named (outfielder Tito Polo and pitcher Stephen

Tarpley on 8/30).

LIFETIME FIELDING STATISTICS

173 160

YEAR	CLUB/OPP	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP I	вк
2011	NYY vs. Det.	1-1	4.32	2	1	0	0	0	8.1	7	4	4	2	0	4	8	0	0
Divisi	on Series Totals	1-1	4 32	2	1	0	0	0	81	7	4	4	2	0	4	8	0	0

PITCHER	PCT	G	GS	РО	A	E	тс	DP	TP
2010	.909	10	7	5	5	1	11	0	0
2011	1.000	28	27	16	21	0	37	0	0
2012	.947	28	28	9	9	1	19	2	0
2013	1.000	23	20	8	18	0	26	1	0
2014	1.000	4	4	1	1	0	2	0	0
2015	.857	17	17	4	8	2	14	2	0
2016	.917	32	26	10	12	2	24	2	0
2017	.981	31	31	18	34	1	53	1	0

71

		i T	0	ΤΔ	L	5				
YEAR	AVG	АВ	R	н	2B	3B	HR	RBI	вв	SA
2011	.000	4	0	0	0	0	0	0	0	1
2012	.143	7	0	1	0	0	0	0	0	2
2013	.000	3	0	0	0	0	0	0	0	0
2016	.115	26	1	3	0	0	0	0	0	2
2017	.020	51	0	1	0	0	0	0	0	9
CAREER	.055	91	1	5	0	0	0	0	0	14

FIRST M.L. HIT: 6/11/12 (Randall Delgado - 1B) FIRST M.L. RBI: No Major League RBI **AB SINCE LAST HIT: 27**

NOVA HIGHLIGHTS

.962

CAREER

LOW-HIT GAME: THREE-HITTER (3 times), 4/29/17 at Miami, 8/31/13 vs. Baltimore & 7/5/13 vs. Baltimore.

SHUTOUTS: (3), 4/29/17 at Miami, 9/21/3 vs. San Francisco & 8/31/13 vs. Baltimore.

MOST STRIKEOUTS: Starter: 12 K's, 5/19/12 vs. Cincinnati Reliever: 6 K's, 5/29/13 vs. New York (NL).

186 8 0

GAMES WITH 10+ STRIKEOUTS: (6), last on 9/13/16 at Philadelphia (11).

108

MOST INNINGS PITCHED: Starter: 9.0 IP (6 times), last on 4/29/17 at Miami Reliever: 5.2 IP, 6/29/13 at Baltimore.

MOST WALKS: Starter: 6 BB (twice), 8/25/13 at Tampa Bay & 7/25/12 at Seattle Reliever: 3 BB, 10/2/10 at Boston.

LONGEST SCORELESS INNINGS STREAK: 15.0 IP (9/14 to 9/25/11).

LONGEST WINNING STREAK: 12 games (6/10 to 9/20/11).

LONGEST LOSING STREAK: 4 games, 3 times (8/25 to 9/16/17, 7/23 to 8/15/17 & 9/12 to 10/3/15)

ASEBALL



JOSÉ OSUNA

INFIELDER/OUTFIELDER • #36

AGE: 25

BORN: 12/12/92 in Trujillo, Venezuela

RESIDES: Trujillo, Venezuela HEIGHT/WEIGHT: 6-3/240

@JoseOsuna36

BATS/THROWS: R/R M.L. SERVICE: 1 year

OBTAINED: Signed as a non-drafted free

agent on 12/5/09

AWARDS & HONORS:

• 2015 Florida State League All-Star (mid-season).

LAST SEASON:

2017 SEASON: Hit .407 in spring training while leading the team in home runs (5) and RBI (17)...Led all Grapefruit League players in batting average and ranked second in slugging percentage (.759) and OBP (.492)...Also tied for second in RBI...Began season with Triple-A Indianapolis, where he hit .250 (9-for-36) with five doubles and a RBI in 10 games thru 4/16...Was recalled by Pittsburgh on 4/18 when outfielder Starling Marte was placed on the Restricted List...Made his Major League debut on 4/18 at St. Louis and grounded into a double play as a pinch hitter in the seventh inning...Tripled off New York's CC Sabathia for first Major League hit while making first big league start (right field) on 4/21; the first Pittsburgh player since Chase d'Arnaud on 6/24/11 to collect a triple for his first big league hit...Recorded his first career four-hit game on 4/28 at Miami...Made his first big league start in left field on 5/2 at Cincinnati...Connected off Milwaukee's Zach Davies for first big league home run on 5/7...Made his first Major League start at first base on 5/9 at Los Angeles...Delivered a game-tying, two-run single with two outs in the ninth inning on 5/24 at Atlanta; also homered in the 10th inning...Hit .324 (11-

for-34) with seven RBI in 17 games during the month of June... Batted second in the starting lineup for the first time in his career on 7/1 vs. San Francisco...Had an outfield assist on two consecutive days on 7/6 at Philadelphia - the first Pittsburgh outfielder to do so since Gary Alexander on 9/7/81...Had a total of three outfield assists on 7/6; the first Pittsburgh outfielder with three assists in the same game since Cecil Espy on 8/12/91... Connected off St. Louis' Josh Lucas for first career pinch-hit home run on 8/19...Homered in his very next at bat on 8/21 off Los Angeles' Alex Wood - his first and only Major League home run off a left-handed pitcher...Went 2-for-28 after homering on 8/21, going hitless in his final 14 at bats...Made 25 appearances (19 starts) in right field, 23 appearances (14 starts) at first base and 14 appearances (9 starts) in left field for the Pirates...Hit .248 (37-for-149) with 10 doubles, four homers and 23 RBI in his 42 starts...Went 6-for-50 (.120) with a homer, two RBI and one walk as a pinch hitter...Hit .321 (25-for-78) with four homers and 14 RBI in 22 games while playing for Bravos de Margarita in the Venezuelan Winter League

MINOR LEAGUE HIGHLIGHTS:

2016: Led all Pittsburgh minor leaguers in RBI (69) and tied with Max Moroff for most games played (133)...Hit .279 (132for-473) with 37 doubles, four triples, 13 home runs and 69 RBI while splitting the season between Double-A and Triple-A... Was named Indianapolis' Offensive Player-of-the-Year despite spending just half the season with the Indians...Began campaign with Altoona...Went 3-for-4 and had four RBI while finishing a home run shy of the cycle on 5/23 vs. Akron...I ed Indianapolis in batting average, slugging percentage and tied for the most RBI after being promoted from Altoona on 6/30...Recorded 27 extra base hits between 6/30 and 9/5, which ranked fifth in the International League in that time...Six of his seven home runs at Triple-A were either game-tying or gave Indianapolis the lead... Hit safely in a team-high tying 14 straight games from 7/16-30, which included home runs in three straight games during the streak...Homered twice on 8/3...Hit .321 with 19 RBI and 12 multi-hit games during the month of August...Hit .353 (18-for-51) with RISP while playing for Indianapolis... Made a total of 82 appearances at first base, 28 in left field and 16 in right field between Altoona and Indianapolis...Hit .279 (62-for-222) with three homers and 30 RBI while playing for Bravos de Margarita in the Venezuelan Winter League.

2015: Led all Pirates minor leaguers in RBI (81) while also finishing tied for fourth in games played (129)...Hit a combined 286 (142-for-497) with 32 doubles, three triples, 12 home runs and 81 RBI between Single-A Bradenton and Altoona...Began season with Bradenton, where he was named to the Florida State League's mid-season All-Star team...Went 4-for-4 with a pair of doubles on 4/23 at Jupiter...Was promoted to Altoona on 5/29 and went 2-for-3 with three RBI in second game with the Curve on 5/30 vs. Binghamton...Collected a career-high six RBI on 8/22 at Bowie...Set an Altoona record with five runs scored on 7/21 vs. Erie (game one)...Was named the Venezuelan Winter League Rookie-of-the-Year while also finishing fourth in MVP voting after hitting .330 (70-for-212) with 13 doubles, nine home runs and 30 RBI in 59 games for Bravos de Margarita.

2014: Spent second straight full season with Bradenton...Ranked second in the Florida State League in slugging percentage -

trailing only teammate Josh Bell...Also finished fifth in batting average in the league and ranked third among Pittsburgh farmhands in that category...Hit .343 (36-for-105) with 22 RBI in 30 games during the month of August.

2013: Spent entire season with Bradenton...Hit safely in 10 straight games from 7/29 to 8/12...Played in eight games for Magallenes in the Venezuelan Winter League following the season

2012: Spent entire season with West Virginia...Finished tied for second among Pirates minor leaguers in home runs and fifth in RBI...Hit safely in 14 straight games from 8/8-22...Hit a clubrecord nine home runs during the month of July.

2011: Finished tied for second in the Gulf Coast League in hits and doubles and third in batting average...Hit ..392 (31-for-79) during the month of July...Recorded first career multi-homer game while also knocking in five runs on 7/5 against the GCL Tigers...Was promoted to State College for the final two games of the season...Went 2-for-5 with a double and RBI in his New York-Penn League debut on 9/3 at Williamsport.

2010: Led the Venezuelan Summer League in home runs while also finishing second in extra base hits (26), third in RBI, tied for third in total bases (100) and fourth in slugging percentage during his first professional season...Hit seven of his 10 home runs during the month of July...Hit first professional home run in his fifth career game on 5/24 against the VSL Mariners...Played exclusively in the outfield, making 53 appearances in right field and one in left.

MISC: Went 5-for-8 with a home run, five RBI and a 1.625 OPS during spring training in 2016; hit a three-run homer against the Philladelphia Phillies in his spring debut and lined a two-run single to center off New York Yankees lefthander C.C. Sabathia in his finale...Entering 2018 season, has combined to hit .429 (27-for-63) with four doubles, six home runs and 23 RBI in 29 spring training games...Has made 393 appearances at first base, 109 in right field and 95 in left field during his minor league career.

PERSONAL: José Gregorio Osuna (pronounced "o-SOON-ah")... Wife's name is Karla...Has one daughter; Karla Sophia (7/16/14)... Attended Colegio Nuestra Del Fatima...Played baseball and soccer while growing up...Has participated in the Venezuelan Winter League each of the last five offseasons; was named the league's Rookie-of-the-Year while finishing fourth in the MVP voting in 2015...Signed by Pirate scouts Rene Gayo and Rodolfo

LIF	ETIME BA	TTIN	G S	TATI	STIC	S														
YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	ОВР	SLG	E
2010	VSL Pirates	.251	64	215	33	54	16	0	*10	43	1	1	5	19	35	2	4	.325	.465	4
2011	GCL Pirates	.331	48	178	28	59	14	3	4	32	3	1	3	18	21	3	2	.400	.511	3
	State College	.250	2	8	2	2	1	0	0	1	0	0	0	1	0	0	0	.333	.375	1
2012	West Virginia	.280	126	482	68	135	36	0	16	72	0	7	4	31	82	4	4	.324	.454	16
2013	Bradenton	.244	123	454	47	111	25	1	8	48	4	5	2	35	76	18	6	.298	.357	7
2014	Bradenton	.296	97	365	47	108	23	3	10	57	4	7	4	28	72	4	2	.347	.458	4
2015	Bradenton	.282	44	174	23	49	12	1	4	29	1	3	1	14	33	1	1	.333	.431	2
	Altoona	.288	85	323	46	93	20	2	8	52	0	5	4	17	61	6	3	.327	.437	7
2016	Altoona	.269	70	253	34	68	18	3	6	38	0	5	2	23	44	1	1	.329	.435	5
	Indianapolis	.291	63	220	27	64	19	1	7	31	0	0	1	13	36	2	3	.333	.482	4
2017	Indianapolis	.250	10	36	6	9	5	0	0	1	0	0	0	5	9	1	1	.341	.389	1
	Pittsburgh	.233	104	215	31	50	13	4	7	30	0	1	2	9	40	0	0	.269	.428	3
Minor	League Totals	.278	732	2708	361	752	189	14	73	404	13	34	26	204	469	42	26	.330	.439	53
Major	League Totals	.233	104	215	31	50	13	4	7	30	0	1	2	9	40	0	0	.269	.428	3

(*)Led League Signed by Pittsburgh as a non-drafted free agent on 12/5/09.

April 18, 2017 at St. Louis

FIRST MAJOR LEAGUE HIT

DATE				PITCHER
------	--	--	--	---------

April 21, 2017 vs. New York (AL).....CC Sabathia - 3B

IRST MAJOR LEAGUE HR

DATE	PITCHER
M7 2017 Mil	7b Dd

PINCH HIT HOMERS (1) DATE **PITCHER**

August 19, 2017 vs. St. Louis.....Josh Lucas

LIFETIME FIELDING STATISTICS

FIRST BASE	PCT	G	GS	PO	A	E	TC	DP	TP
2017	.992	23	14	116	4	1	121	12	0
CAREER	.992	23	14	116	4	1	121	12	0

LIFETIME FIELDING STATISTICS

LEFT FIELD	PCT	G	GS	PO	A	E	TC	DP	TP
2017	1.000	14	9	12	4	0	16	0	0
CAREER	1.000	14	9	12	4	0	16	0	0
	2017	2017 1.000	2017 1.000 14	2017 1.000 14 9	2017 1.000 14 9 12	2017 1.000 14 9 12 4	2017 1.000 14 9 12 4 0	2017 1.000 14 9 12 4 0 16	2017 1.000 14 9 12 4 0 16 0

LIFETIME FIELDING STATISTICS

RIGHT FIELD	PCT	G	GS	РО	A	E	TC	DP	TP
2017	.947	25	19	36	0	2	38	0	0
CAREER	.947	25	19	36	0	2	38	0	0

OSUNA HIGHLIGHTS

MOST HR/GAME: 1 HR (7 times), last on 8/21/17 vs. Los Angeles (NL).

MOST HITS/GAME: 4 hits, 4/28/17 at Miami.

MOST RBI/GAME: 3 RBI (3 times), 8/6/17 vs. San Diego, 6/20/17 at Milwaukee & 5/24/17 at Atlanta.

MOST RUNS/GAME: 2 runs (6 times), last on 7/9/17 at Chicago (NL). LONGEST HITTING STREAK: 2017: 3 games Career: 3 games (2017).



GREGORY POLANCO

OUTFIELDER • #25

AGE: 26 (turns 27 on Sept. 14)

RESIDES: Santo Domingo, D.R. HEIGHT/WEIGHT: 6-5/235

@El Coffee

BATS/THROWS: L/L

BORN: 9/14/91 in Santo Domingo, D.R. M.L. SERVICE: 3 years, 103 days

OBTAINED: Signed as a non-drafted free

agent on 3/25/09

AWARDS & HONORS:

- · Participated in the 2017 World Baseball Classic (D.R.).
- 2013 Florida State League All-Star (mid-season).
- Participated in 2013 MLB Futures Game in New York (NL). • Pittsburgh's Minor League Player-of-the-Year in 2012.
- 2012 South Atlantic League All-Star (mid-season & post-season).
- · Topps' 2012 South Atlantic League Player-of-the-Year.

LAST SEASON:

2017 SEASON: Went 11-for-19 (.579) with two doubles, a homer, two RBI and three runs scored in five games with the Dominican Republic team during the World Baseball Classic in March; had two or more hits in all five games. Was Pittsburgh's first-ever Opening Day designated hitter as the club began the season in Boston on 4/3. Went 4-for-4 in his fourth game on 4/8 vs. Atlanta and hit .435 (10-for-23) during an eight-game stretch between 4/8-18...Was removed from the starting lineup on 4/15 due to right groin discomfort... Made each of his first 24 defensive starts in left field...Played the final six innings in center field on 4/24 vs. Chicago (NL) - his eighth career appearance there... Made his fourth career start in center field on 5/7 vs. Milwaukee... Was removed from the game on 5/14 at Arizona due to left hamstring discomfort...Was on the D.L. with a left hamstring strain from 5/17 (retro to 5/15) thru 5/24...Hit safely in 10 straight games from 5/11 thru 6/2 (13-for-34; .382)...Had three hits off a left-handed pitcher in the same game on 7/1 vs. San Francisco his second career game with three hits off a LHP (also 8/15/15 at New York)...Made his second start of the season (fifth career) in center field on 7/2 vs. San Francisco...Went 4-for-4 on 7/17 vs. Milwaukee, collecting all four hits off left-handed pitchers; the first Pirates left-handed batter with four hits off a southpaw in the same game since Chris Duffy on 9/7/06...Hit .387 (24-for-62) in July after hitting .183 (17-for-93) in June...Suffered a strained left hamstring on 7/21 at Colorado and was placed on the 10-day disabled list on 7/22...Was reinstated from D.L. on 8/2...Homered as a pinch hitter on 8/4 vs. San Diego (first career); a 434-foot blast that bounced into the Allegheny River...Left the game on 8/12 with left hamstring discomfort and was placed on the 10-day D.L. with a left hamstring strain on 8/15 (retro to 8/13)...Returned to action on 9/8 and went 3-for-4 on 9/9 at St. Louis...Hit .228 (13-for-57) with one homer (9/27) in 17 games after returning on 9/8...Missed a total of 40 games due to three separate stints on the disabled list...Went 5-for-10 with a homer and five RBI as a pinch hitter...Made 68 starts in right field, 25 in left field and two in center field...Committed just two errors (171 total chances) and

CAREER HIGHLIGHTS:

2016: Set career highs in home runs, RBI, on-base percentage, slugging pct. and OPS (.786) in his second full season with the Pirates...Led team in RBI and ranked second behind Andrew McCutchen (24) in home runs...Ranked seventh among N.L. batters with a .347 average during interleague play...Tied for eighth among N.L. outfielders with 58 extra-base hits...Made 103 starts in right field, 24 in left field and two in center field (4/20 and 10/1)...Tied for fifth in the National League with 10 outfield assists and shared the Major League lead with four double plays from the outfield...Produced a .298 average (34-for-114) and 20 RBI in 29 games from the third spot of the lineup; a .203 average (32-for-158) and 24 RBI in 40 games batting fourth...Agreed to terms on a five-year contract extension (thru 2021) on 4/5... Had a career-high five RBI on 5/24 vs. Arizona...Connected off Jose Urena for his first career grand slam on 5/20 at Miami...Was hitting .308 (65-for-211) after going 3-for-5 with three doubles on 6/8; hit .225 (71-for-316) in his final 87 games, beginning with the action on 6/9...Played all three outfield positions on 6/21 vs. San Francisco...Recorded his first career two-homer game on 7/4 at St. Louis; also hit two home runs on 8/23 vs. Houston while tying career high with three runs scored...Left the game on 7/8 with left hamstring tightness and missed the next five games...Appeared in the leadoff spot for the only time on 7/20 vs. Milwaukee (1for-5)...Batted fourth in the starting lineup for the first time in his career on 8/9 vs. San Diego and hit a three-run homer...Produced a three-run double as a pinch hitter on 8/27 at Milwaukee; his only pinch-hit of the season (went 1-for-5 with three walks)...l eft the game on 9/23 vs. Washington in the first inning after suffering a facial contusion while running into the wall in left-center field while attempting a catch and missed five of the last nine games... Homered once (9/16) in his last 28 games (110 PA's) after going deep in back-to-back games on 8/28 and 8/29.

2015: Spent his first full season in the Majors with Pittsburgh... Ranked third on the team in runs (the Pirates went 54-14 in games in which he scored at least one run)...Was Pittsburgh's most-used leadoff batter; hit .261 with 26 doubles, five triples, six home runs, 36 RBI and 60 runs in 98 games from the top spot of the order... His 13 outfield assists ranked second among National League outfielders behind temmate Starling Marte (16)... Was the fifthhardest player to double up in the N.L.; grounded into a double play once every 118.6 at bats...Ranked sixth in the league in stolen bases and ninth in at bats...Made his first career Opening Day start in right field and went 1-for-4 on 4/6 at Cincinnati...Made his first Major League start/appearance in left field on 4/14 vs. Detroit...Batted third in the starting lineup for the first time in his big league career on 4/17 vs. Milwaukee and had three hits...Hit a two-run homer on the 12th pitch of his at bat against Max Scherzer on 7/24 at PNC Park...Connected off Chicago's Dan Haren for first career leadoff home run on 8/5 at PNC Park and did the same against Clayton Kershaw in his next game on 8/7...Became the first Pittsburgh player to hit leadoff homers in back-to-back games since Nate McLouth on April 27 & 29, 2008...Recorded two assists on 8/28 vs. Colorado - the first Pittsburgh outfielder with two assists in the same game since Josh Harrison on 8/13/13...Hit .330 and tied for second in the N.L. in hits (37) during the month of August...Threw out Chicago's Trevor Cahill at first base on a would-be single on 9/15 and did the same against Cincinnati's Keyvius Sampson on 10/2...Batted .282 (84-for-298) in 70 games from 7/12 thru the end of the season.

2015 POSTSEASON: Was the starting right fielder and went O-for-4 as the leadoff batter in the Wild Card Game vs. Chicago on 10/7.

CAREER HIGHLIGHTS (CONTINUED):

2014: Began season with Triple-A Indianapolis and reached base safely in each of his first 11 games thru 4/13...Was named the International League Hitter-of-the-Week for the week of 4/7-13 after hitting .500 (14-for-28) with a double, two triples, a home run and seven RBI in seven games...Was named the International League Player-of-the-Month for April after hitting .400 (38-for-95) with six doubles, four homers, 25 RBI and 21 runs scored in 24 games...Recorded his third four-hit game of the season on 5/13 vs. Pawtucket, falling a home run shy of hitting for the cycle...Was moved to the leadoff spot of the lineup on 5/31 and went 14-for-41 (.341) with five multi-hit games and 10 runs scored in nine games from 5/31 thru 6/8...Made all 62 defensive appearances in right field while playing with Indianapolis...Was recalled by Pittsburgh on 6/10 and made Major League debut that night vs. Chicago (NL); batted second and started in right field and went 1-for-5 with a run scored...Singled off LHP Travis Wood in his second at bat for his first big league hit...Tallied first Major League RBI on 6/11 vs. Chicago...l ed off his first big league game on 6/12 vs. Chicago and went 1-for-4 with a run scored...Had career-high five hits and connected off lefty Mike Dunn in 13th inning for first Major League home run on 6/13 at Miami; became just the second rookie since 1900 to collect five or more hits in a game and hit a game-winning home run in extra innings (Willie Montanez went 5-for-5 with a game-winning home run off Don Shaw in the 10th inning as the Phillies beat the Cardinals in St. Louis on September 13, 1971)... Became the first Pittsburgh player to begin his Major League career with an 11-game hitting streak; the first National League

player to do so since Juan Pierre began his big league career with a 16-game streak in 2000...Led N.L. rookies with a 374 on-base percentage and ranked second with 14 runs scored in June...Singled as a pinch hitter on 7/1 vs. Arizona: his hit off LHP Addison Reed snapped an O-for-16 streak against lefthanded pitchers...Had



Gregory supported the "Striking Out Poverty" campaign to raise money for those in need in his pative Dominican Populair

three outfield assists in a five-game span from 8/7-11...Was mired in a 1-for-30 slump when optioned to Indianapolis on 8/25...Went 4-for-26 (154) with four walks and two RBI in seven minor league games before being recalled on 9/2 when big league rosters expanded...Made start in right field on 9/9 at Philadelphia - his first start with the Pirates since 8/24 - and went 1-for-3 with a run...Made final start on 9/17 vs. Boston and homered off Clay Buchholz...Made all 83 defensive appearances (63 starts) in right field while playing with Pittsburgh...Hit .228 (36-for-158) with 27 runs in 37 games from the leadoff spot...Was on the Wild Card roster, but did not play in the game

MINOR LEAGUE HIGHLIGHTS:

2013: Hit .285 (134-for-470) with 30 doubles, two triples. 12 home runs, 71 RBI and 38 stolen bases in 127 minor league games...Established minor league career highs in games, at bats and doubles...Began season with Bradenton as the fourth-best prospect in the organization and the top-rated position player in the system according to Baseball America...Was named to the Florida State League mid-season All-Star team...Also participated in the MLB Futures Game at Citi Field in New York on 7/14...Went 3-for-4 in his second game on 4/5 vs. Fort Myers and hit his first home run on 4/7 vs. Fort Myers...Hit .359 (47-for-131) against RHP and .241 (21-for-87) against LHP while playing with Bradenton, where he made all 56 defensive appearances in center field...Was promoted to Double-A Altoona on 6/14 and went 3-for-5 with two RRI and a stolen base in his debut with the Curve that night vs. Trenton...Hit his first Double-A home run on 6/22 at Bowie. Also made a diving attempt for a ball while playing center field on 6/22 and did not play the next four games due to a sore right shoulder... Was selected to play in the MLB Futures game on 6/26...Tallied an RBI in five straight games from 6/30 to 7/5...Went 0-for-1 with a walk in the Futures Game on 7/14...Fell a triple shy of hitting for the cycle on 7/25 at New Hampshire...Hit .419 (13-for-31) with three doubles, a triple, two homers, seven RBI and seven runs scored during a nine-game hitting streak from 8/8-17 (game one)...Made 59 appearances in center field, six in right field and three in left field while playing with Altoona...Made two starts in center field with Indianapolis to finish the regular season; went 0-for-4 on 9/1 and 2-for-5 with a stolen base on 9/2 (both games at Louisville)...Went 1-for-12 with a double in three postseason games against Durham...Played winter ball for Escogido in the D.R. and hit .331 (55-for-166) with 10 doubles, five homers and 28 RBI in 44 games...Was named MVP of the league and Rookie-of-the-Year.

2012: Spent entire season playing with West Virginia and was named Pittsburgh's Minor League Player-of-the-Year...Was also selected to the South Atlantic League's mid- and post-season All-Star teams...Was named Player-of-the-Year in the South Atlantic League by Topps...Was also named the Most Outstanding Major League Prospect in the league in a poll conducted from the league managers, GMs, sports writers and broadcasters...Set minor league career highs in batting, runs, hits, home runs, RBI and stolen bases...Ranked second in the South Atlantic League

in batting, third in RBI, tied for fourth in stolen bases and runs scored, fourth in hits and fifth in slugging percentage...Led all Pittsburgh farmhands in stolen bases, ranked second in RBI and batting and tied for second in home runs...Hit .396 (44-for-111) against LHP and .301 (98-for-326) against RHP...Made all 98 defensive appearances in center field and had 12 assists...Went 5-for-5 with three doubles on 7/1 to lift season average to .308; his average remained above .300 for the rest of the season... Hit .406 (41-for-101) in 28 games during the month of July while also collecting a club-record 30 RBI, which ranked sixth in all of minor league baseball for the month...Homered twice on 8/9 at Lexington...Produced a .375 average (72-for-192) in his final 54 games, beginning on 6/16.

2011: Spent majority of season with the GCL Pirates; played final three games in the New York-Penn League with State College...Was successful in all 18 stolen base attempts...Made 23 appearances in right field, 20 in center field and three in left field while playing with GCL Pirates...Went hitless in his first seven games (18 at bats) before going 3-for-5 with four runs scored on 6/30 against the GCL Yankees...Swiped three bases on 7/12... Made one appearance at all three outfield positions with State College.

2010: Spent entire season with the GCL Pirates...Hit first professional home run and had six RBI on 6/28 vs. GCL Tigers...Stole three bases on 7/3 and again on 7/21...Made 38 appearances in right field and 10 in center field...Had all four assists from right field.

2009: Spent entire season playing in the Dominican Summer League...Led the team in triples...Made 58 appearances in right field, three in center field and one in left field; made lone start/appearance in left field in his second game of the season on 6/1.

MISC: Enters 2018 season with a .371 (33-for-89) average in 29 big league games while batting seventh in the lineup...Has produced a .435 average (20-for-46) and 10 RBI in 12 career games at Marlins Park; the site of his first Major League home run and five-hit game on 6/13/14...Made 249 appearances in center field, 194 in right field and eight in center field during his minor league career.

PERSONAL:

PERSONAL: Gregory Polanco...Signed by Pirate scouts Rene Gayo and Ellis Pena...Was rated by Baseball America as the "Best Hitter for Average", the "Best Athlete" and the "Best Defensive Outfielder" in the Pirates minor league system prior to the 2013 and 2014 seasons...Was ranked by Baseball America as the top

prospect in the Pirates organization prior to the 2014 season and as the 13th overall prospect in baseball by MLB.com...Ranked by MLB.com as the second-best prospect in the Pirates farm system in 2013.

POSTSEASON

YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	ОВР	SLG	E
2009	DSL Pirates	.267	63	221	34	59	8	6	0	24	4	0	3	33	50	12	4	.370	.357	Ę
2010	GCL Pirates	.202	53	188	21	38	5	1	3	23	0	1	2	9	41	19	2	.245	.287	4
2011	GCL Pirates	.237	48	169	34	40	4	4	3	34	2	5	3	24	33	18	0	.333	.361	:
	State College	.100	3	10	0	1	0	0	0	1	0	0	0	0	2	0	0	.100	.100	
2012	West Virginia	.325	116	437	84	142	26	6	16	85	1	1	2	44	64	40	15	.388	.522	
2013	Bradenton	.312	57	218	29	68	17	0	6	30	2	2	3	16	37	24	4	.364	.472	
	Altoona	.263	68	243	36	64	13	2	6	41	1	5	1	36	36	13	7	.354	.407	
	Indianapolis	.222	2	9	1	2	0	0	0	0	0	0	0	0	0	1	0	.222	.222	(
2014	Indianapolis	.328	69	274	51	90	17	5	7	51	0	2	1	28	49	16	6	.390	.504	
	Pittsburgh	.235	89	277	50	65	9	0	7	33	2	2	0	30	59	14	5	.307	.343	
2015	Pittsburgh	.256	153	593	83	152	35	6	9	52	1	2	1	55	121	27	10	.320	.382	
2016	Pittsburgh	.258	144	527	79	136	34	4	22	86	1	6	0	53	119	17	6	.323	.463	
2017	Pittsburgh	.251	108	379	39	95	20	0	11	35	0	1	3	27	60	8	1	.305	.391	:
Minor	League Totals	.285	479	1769	290	504	90	24	41	289	10	16	15	190	312	143	38	.356	.432	3
Major	League Totals	.252	494	1776	251	448	98	10	49	206	4	11	4	165	359	66	22	.315	.401	1

YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	ОВР	SLG	E	
2017	D.R.	.579	5	19	3	11	2	0	1	2	0	0	0	2	0	1	0	.619	.842	0	
WBC T	otals	.579	5	19	3	11	2	0	1	2	0	0	0	2	0	1	0	.619	.842	0	
34/11																					ı

<u>/ILD CARD GAME STATISTICS</u>

YEAR	CLUB/OPP	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	SO	SB	CS	E
2014	Pit. vs. SF				0	N ROS	STER, I	BUT D	ID NO	T PLA	Y IN G	AME						
2015	Pit. vs. Chi.	.000	1	4	0	0	0	0	0	0	0	0	0	0	2	0	0	0
Wild C	Card Game Totals	.000	1	4	0	0	0	0	0	0	0	0	0	0	2	0	0	0

LEFT FIELD

2015

2016

2017

CAREER

MAJOR LEAGUE DEBUT

June 10, 2014 vs. Chicago (NL)

FIRST MAJOR LEAGUE HIT

DATE **PITCHER**

June 10, 2014 vs. Chicago (NL) Travis Wood - 1B

FIRST MAJOR LEAGUE HR

LIFETIME FIELDING STATISTICS

RIGHT FIELD	PCT	G	GS	РО	A	E	тс	DP	TP	
2014	.987	83	63	144	5	2	151	2	0	
2015	.970	144	133	247	13	8	268	5	0	
2016	.977	111	103	203	9	5	217	4	0	
2017	.992	68	68	118	6	1	125	3	0	
CAREER	.979	406	367	712	33	16	761	14	0	

TC

40

33

86

DP ΤP

0 0

0 0

0 0

0 0

DATE **PITCHER**

June 13, 2014 at MiamiMike Dunn

GRAND SLAMS (1)

DATE **PITCHER**

May 30, 2016 at Miami......Jose Urena

WALKOFFS (1)

DATE	ACTION (INN.)
July 12, 2015 vs. St. Louis	Single (10th)

LEADOFF HOMERS (1)

DATE PITCHER

August 5, 2015 vs. Chicago (NL).....Dan Haren

52

LIFETIME FIELDING STATISTICS

29 24 38 1

1.000 8 3 13 0 0 13

.975

.970 25 25 32

.977 62

CENTER FIEL	D PCT	G	GS	РО	A	E	TC	DP	TP	
2015		2	1	0	0	0	0	0	0	
2016	1.000	5	2	5	0	0	5	0	0	
2017	1.000	6	2	13	0	0	13	0	0	
CADEED	1,000	17	-	10	_	0	10	_	0	_

PINCH HIT HOMERS DATE **PITCHER**

August 4, 2017 vs. San Diego...... Kirby Yates

POLANCO HIGHLIGHTS

MOST HR/GAME: 2 HR (twice), 8/23/16 vs. Houston & 7/4/16 at St. Louis.

MOST HITS/GAME: 5 hits, 6/13/14 at Miami. MOST RBI/GAME: 5 RBI, 5/24/16 vs. Arizona. MOST RUNS/GAME: 3 runs (6 times), last on 8/23/16 vs. Houston.

MOST SB/GAME: 2 SB, 6/5/15 at Atlanta.

LONGEST HITTING STREAK: 2017: 10 games Career: 11 games (2014).

FELIPE RIVERO

LEFT-HANDED PITCHER • #73

AGE: 26 (turns 27 on July 5) BORN: 7/5/91 in Yaracuy, Venezuela

RESIDES: St. Cloud, FL HEIGHT/WEIGHT: 6-2/210

@Rivero43

BATS/THROWS: L/L

M.L. SERVICE: 2 years, 162 days

OBTAINED: From Washington, 7/30/16, along with minor league pitcher Taylor Hearn, in

deal for pitcher Mark Melancon



AWARDS & HONORS:

- · 2012 Midwest League All-Star (mid-season).
- · Participated in 2012 All-Star Futures Game in Kansas City.

2017 SEASON: Spent his first full season with the Pirates...His 21 saves were the second-highest total by a LHP in club history (24 by Mike Gonzalez in 2006)...Held left-handed batters to a .082 (7for-85) average and just one extra-base; a double by Cincinnati's Scott Schebler on 4/12...Posted five multi-inning saves - the most by a Pirates pitcher since Julian Tavarez in 2003 (seven)...Was tied for sixth in the N.L. in appearances; two behind his careerhigh 75 games in 2016...Was charged with an earned run in 11 of his 73 appearances...Went 21-for-23 in save opportunities... Appeared in each of the first five games and in nine of the first 12 thru 4/16...Made 14 straight appearances without allowing an earned run (14.0ip) between 4/12 and 5/9 and was charged with just one earned run in his first 19 games (19.0ip) thru 5/9... Posted a 0.61 ERA (14.2ip/ler) in 15 games in April and a 0.69 ERA (13.0ip/1er) in 13 games in May...Struck out three of the four Miami batters he faced on 6/10 and earned his first save of the season - his first since 4/12/16...Also pitched 1.1 innings to record his second straight save on 6/11 vs. Miami to become the first Pittsburgh pitcher to record multiple-inning saves in back-to-back games since Bill Landrum on June 24, 1989 (2.1ip vs. St. Louis) and June 25, 1989 (1,2ip vs. St. Louis)...Produced a 0.67 ERA (53.2ip/4er) and a 0.71 WHIP in his first 50 games thru 7/30...Gave up a two-run homer to Adam Duvall on 8/2. snapping his 12.2 scoreless innings streak and raising season ERA to 0.99...Threw 41 pitches and suffered first blown save on 8/6 vs. San Diego; surrendered a two-out, two-run single in the ninth inning...Had his streak of not allowing a hit to a left-handed batter come to an end on 8/30 after 42 straight hitless at bats. the longest such streak in the Major Leagues since Tampa Bay's RHP Brad Boxberger held lefty batters hitless over 43 straight at bats in 2014...His save on 9/24 was his first since 9/5...Suffered his second blown save on 9/22 vs. St. Louis...Picked up a save in each of his last three outings and in 12 of his last 13 opportunities...Did not have a plate appearance.

ER HIGHLIGHTS:



2016: Went 1-6 with one save, a 4.09 ERA (77.0ip/35er) and 92 strikeouts in 75 games between Washington and Pittsburgh...Tied for eighth among National League leaders in appearances... Ranked sixth among N.L. relief pitchers in strikeouts...Began season with Washington, where he went 0-3 with one save and a 453 FRA in 47 appearances thru 7/29...

Picked up lone save with the Nationals on 4/12 vs. Atlanta: retired the final batter in Washington's 2-1 victory...Made eight consecutive scoreless outings (7.1ip) between 5/17-31...Pitched a career-high 3.0 scoreless innings and struck out in his first big league plate appearance during 18-inning game on 7/17 vs. Pittsburgh...Posted a 0.93 ERA (19.1ip/2er) in his final 13 appearances with Washington, dating back to 6/19...Pitched 17.1 consecutive scoreless innings between 6/19 and 7/22, the longest such streak by a Washington reliever...Was acquired by Pittsburgh in deal for Mark Melancon on 7/30...Posted a 2.31 ERA

(46.2ip/12er) in his final 41 games, dating back to 6/19...Produced a 0.76 ERA (35.1ip/3er) and 40 K's in 30 games with the Nats and Bucs between 6/19 and 9/2...Won his lone decision on 9/13 at Philadelphia.

2015: Began season with Syracuse (Nationals' AAA)...Made three appearances before being selected by Washington on 4/16... Made Major League debut on 4/17 vs. Philadelphia and gave up one run in 1.0ip...Was on the 15-day disabled list from 4/22 to 5/21 due to an illness...Made a rehab appearance with Syracuse on 5/19 before being reinstated from D.L. and optioned to Triple-A on 5/21...Made four additional appearances with Syracuse before recalled on 6/1...Pitched 3.0 scoreless innings on 6/6 vs. Chicago (NL)...Picked up his first big league win on 6/24 vs. Atlanta... Made nine straight scoreless appearances (11.1ip) between 6/24 and 7/28...Suffered second loss with Nationals on 7/31 at New York (NL)...Recorded second win with Washington on 9/6 vs. Atlanta...Tossed 2.0 scoreless frames and posted his first Major League save on 10/1 at Atlanta...Struck out all three batters he faced while earning second save in his final outing on 10/3 at New York (NL)...Ranked third among Major League left-handed relief pitchers in average fastball velocity (95.5mph) behind Cincinnati's Aroldis Chapman (99.4mph) and Baltimore's Zach Britton (95.8mph)...Tied for the MLB lead with 36 appearances after the All-Star break.

MINOR LEAGUE HIGHLIGHTS:

2014: Spent first season in the Washington organization after being acquired from Tampa Bay on 2/13...Began campaign as a starting pitcher with Double-A Harrisburg...Lost his first four starts before winning for the first time on 4/27 vs. Bowie (5.0ip/1r/0er)...Was on the D.L. with a left elbow injury from 5/5 to 8/13, which included rehab stops with the GCL Nationals from 7/26 to 8/4 and with Class-A Hagerstown on 8/9...Returned to Harrisburg on 8/14...Tossed 5.0 scoreless innings in a no-decision on 8/20 vs. Portland and won his second decision after pitching 6.0 scoreless frames on 8/25 at New Hampshire...Went 2-7 with a 5.20 ERA (53.2ip/20er) and 50 strikeouts in 14 total starts during the regular season...Went 2-4 with a 6.08 ERA in seven starts with Mesa during the Arizona Fall League.

2013: Posted minor league career highs in wins, starts and innings pitched while spending entire season with Port Charlotte (Rays' High-A)...Led staff in wins and tied for fourth among Florida State League pitchers...Did not allow a run in his final 16.2ip...Made five appearances with Caracas during the Venezuelan Winter League.

2012: Was selected to the Midwest League mid-season All-Star team and pitched in the MLB Futures Games in Kansas City... Spent entire season with Bowling Green Set minor league career highs in games and strikeouts...Went 5-8 with a 2.86 ERA (94.1ip/30er) in 21 starts and 3-0 with a 6.16 ERA (19.0ip/13er) in six relief appearances.

MINOR LEAGUE HIGHLIGHTS (CONTINUED):

2011: Spent entire season with Princeton, Tampa Bay's entry in the Appalachian League...Picked up a win in each of his first two starts on 6/21 (5.2ip/1er) and 6/26 (5.0ip/2er)...Went 3-3 with a 4.79 ERA (56.2ip/30er) in his 12 starts and posted a 2.25 ERA (4.0ip/ler) in his two relief appearances.

2010: Spent second straight season with the VSL Rays... Surrendered just one home run in 51.2ip...Posted a 2.31 ERA (39.0ip/10er) in nine starts and a 1.42 ERA (12.2ip/2er) in five relief appearances.

2009: Spent first professional season with the Venezuelan Summer League Rays and pitched exclusively in relief...Pitched 2.0 innings or more in 12 of his 16 appearances.

MISC: Has surrendered just one home run to a left-handed batter in his big league career (Jay Bruce at Cincinnati on 6/5/16)...Enters 2018 season having held left-handed batters to a .192 average (50-for-261) and right-handed batters to a .206 average (98-for-476)...Has produced a 0.75 ERA (36.0ip/3er) in 28 big league games during the month of July...Has gone 6-6 with 21 saves (25 chances), a 2.10 ERA (102.2ip/24) and 127 strikeouts in 101 games with Pittsburgh.

PERSONAL: Felipe Javier Rivero...Wife's name is Rosaida...Has one son: Phillip (12/11/14)...Participated in the Pirates carayan and

PirateFest events each of the last two Decembers.

LIF	ETIME PITC	HINC	STA	TIST	TIC:	5												
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2009	VSL Rays	6-4	3.74	16	0	0	0	1	33.2	38	24	14	0	3	12	25	2	1
2010	VSL Rays	3-3	2.09	14	9	0	0	2	51.2	46	20	12	1	4	10	44	1	0
2011	Princeton	3-3	4.62	14	12	0	0	0	60.1	64	36	31	7	6	13	57	0	1
2012	Bowling Green	8-8	3.41	27	21	0	0	0	113.1	115	56	43	5	6	29	98	7	2
2013	Port Charlotte (1)	9-7	3.40	25	23	2	2	0	127.0	122	63	48	7	7	52	91	8	0
2014	Harrisburg	2-7	4.12	10	10	0	0	0	43.2	45	30	20	4	2	18	38	2	0
	GCL Nationals (#)	0-0	0.00	3	3	0	0	0	6.0	4	0	0	0	0	1	6	0	1
	Hagerstown (#)	0-0	0.00	1	1	0	0	0	4.0	3	1	0	0	0	0	6	0	0
2015	Syracuse (&)	0-2	6.75	8	0	0	0	0	6.2	8	5	5	0	0	5	5	0	0
	Washington	2-1	2.79	49	0	0	0	2	48.1	35	15	15	2	1	11	43	2	1
2016	Washington (2)	0-3	4.53	47	0	0	0	1	49.2	43	26	25	4	5	15	53	1	0
	Pittsburgh	1-3	3.29	28	0	0	0	0	27.1	23	13	10	3	1	18	39	2	0
2017	Pittsburgh	5-3	1.67	73	0	0	0	21	75.1	47	19	14	4	4	20	88	2	1
Minor	League Totals	31-34	3.49	118	79	2	2	3	446.1	445	235	173	24	28	140	370	20	5
Major	League Totals	8-10	2.87	197	0	0	0	24	200.2	148	73	64	13	11	64	223	7	2

(#)Injury Rehab Assignment

(William) Victios Assignment.
(8)Statistics include time spent on Injury Rehab Assignment
Signed by Tampa Bay as a non-drafted free agent on 7/30/08.
(1)Acquired by Washington from Tampa Bay, 2/13/14, along with outfielder Drew Vettleson and catcher Jose Lobaton in deal for pitcher Nathan Karns.
(2)Acquired by Pittsburgh from Washington, 7/30/16, along with pitcher Taylor Hearn, in deal for pitcher Mark Melancon.

MAJOR LEAGUE DEBUT

1ST MAJOR LEAGUE SAVE

1ST MAJOR LEAGUE WIN

April 17, 2015 vs. Philadelphia

October 1, 2015 at Atlanta

June 24, 2015 vs. Atlanta

LIFETII	ME FIE	ELD	INC	ST	ATIS	STIC	5		
PITCHER	PCT	G	GS	РО	A	E	тс	DP	TP
2015	1.000	49	0	2	8	0	10	0	0
2016	.929	75	0	1	12	1	14	2	0
2017	.947	73	0	5	13	1	19	0	0
CAREER	.953	197	0	8	33	2	43	2	0

HITT	ING	ı	0	1	\L	5				
YEAR	AVG	АВ	R	н	2B	3B	HR	RBI	вв	SAC
2016	.000	1	0	0	0	0	0	0	0	0
CAREER	.000	1	0	0	0	0	0	0	0	0

RIVERO HIGHLIGHTS

MOST STRIKEOUTS: 3 K's (15 times), last on 8/26/17 at Cincinnati.

MOST INNINGS PITCHED: 3.0 IP (twice), 7/17/16 vs. Pittsburgh & 6/6/15 vs. Chicago (NL).

MOST WALKS: 2 BB (7 times), last on 9/3/17 vs. Cincinnati.

MOST CONSECUTIVE SAVES: 9, twice (8/8 to 9/5/17 & 6/10 to 7/20/17)

LONGEST SCORELESS INNINGS STREAK: 17.1 IP (6/19 to 7/22/16).

LONGEST WINNING STREAK: 2 games, twice (7/14 to 9/20/17 & 5/24 to 6/3/17).

LONGEST LOSING STREAK: 4 games (4/28 to 8/4/16).

SEAN RODRÍGUEZ

INFIELDER/OUTFIELDER • #3

AGE: 32 (turns 33 on April 26) BORN: 4/26/85 in Miami, FL RESIDES: Miami, FL

HEIGHT/WEIGHT: 6-0/200

SeanJRodriguez1

BATS/THROWS: R/R

M.L. SERVICE: 8 years, 133 days

OBTAINED: From Atlanta, 8/5/17, in deal for

infielder Connor Joe



AWARDS & HONORS:

- National League Player-of-the-Week (September 12-18, 2016). 2007 Texas League All-Star (mid-season).
- Two-time Los Angeles Angels Minor League Player-of-the-Year 2006 California League All-Star (mid-season & post-season).
- (2009 & 2006). 2004 Pioneer League Player-of-the-Year and post-season All-Star.

LAST SEASON:

2017 SEASON: Began season on Atlanta's 60-day disabled list recovering from left shoulder surgery, as a result of injuries sustained in an automobile accident on 1/28 in Miami (surgery was performed on 2/14)...Made his first rehab appearance on 7/1 with the GCL Braves...Played a total of 11 rehab games at four different levels before being recalled from rehab and reinstated from D.L. on 7/17...Made debut with Braves as the starter at third base on 7/17 vs. Chicago (NL)...Connected off Zack Greinke for a pinch-hit home run on 7/24 at Arizona...Also homered as pinch hitter (fourth career) on 7/28 at Philadelphia (off Hoby Milner)... Made a total of four starts in left field, three at third base, one at

second base and one in right field while playing with the Braves... Was acquired by Pittsburgh on 8/5 in a deal for minor league infielder Connor Joe...Hit a walkoff homer in his first game back with the Pirates on 8/6 vs. San Diego; entered game in eighth inning and hit the game-winning homer in the 12th inning... Homered twice in his first four games with the Pirates...Made six starts at second base, six at third base, six at shortstop, five in right field and one in left field while playing with Pittsburgh...Also made three appearances in center field and two at first base...Hit 167 with five homers and eight RBI in 54 Major League games.

CAREER HIGHLIGHTS:

2016: Set career highs in games played, home runs, RBI, batting average, on-base percentage, slugging (.510) and OPS (.859)... Made 57 appearances (5 starts) at first base, 29 (18 starts) at second base, 27 (19 starts) at shortstop, 17 (13 starts) in right field, 11 (6 starts) at third base, 10 (3 starts) in left field and 5 (0 starts) in center field...Hit .296 (66-for-223) with 14 home runs, 46 RBI and a .920 OPS in his 64 starts...Walked twice in the same inning on 5/27 at Texas - the first Pittsburgh player to do so since Jason Kendall on 9/25/01...Connected off Cincinnati's Ross Ohlendorf for his second career walkoff home run on 8/5...Played the final two innings in center field on 8/13 at Los Angeles - his first appearance at that position since 7/20/10... Hit a pinch-hit, three-run homer off Jeanmar Gomez in the ninth inning on 9/13 at Philadelphia, giving the Pirates a 5-3 win.. Homered in both games of a doubleheader on 9/17 at Cincinnati and in three straight games on 9/17-18...Was named co-National League Player-of-the-Week for the week of 9/12-18 after hitting .414 with five homers, 12 RBI and a 1.386 OPS in eight games... Started 18 of the last 19 games and hit .338 (22-for-65) with five homers and 13 RBI.

2015: Made 102 appearances (12 starts) at first base, 16 appearances (seven starts) in left field, 14 appearances (eight starts) in right field, eight appearances (three starts) at third base, seven appearances (three starts) at second base and three appearances (one start) at shortstop...Made his sixth straight appearance on an Opening Day roster...Connected off Chicago's Kyle Hendricks for his first home run while starting in left field on 4/23 at PNC Park...Batted .333 (7-for-21) in 17 games during the month of April and hit .471 (8-for-17) in 10 games from 4/26 thru 5/10...His start at third base on 7/20 at Kansas City was his first start at the hot corner since 9/15/14 while playing with the Rays...Produced a .349 average in August...Went 6-for-7 during three-game series in St. Louis from 9/4-6, which included a three-hit game on 9/5 and a home run off Steve Cishek on 9/6... Made lone start at shortstop on 9/7 at Cincinnati and made two errors..Hit .333 (24-for-72) in his last 52 games, dating back to 8/1...Hit .311 (19-for-61) while batting with two outs.

2015 POSTSEASON: Was the starting first baseman in the Wild Card Game vs. Chicago on 10/7, but did not receive an at bat.

2014: Spent his fifth and final season with Tampa Bay...Averaged one RBI every 5.78 at bats, the 10th-best ratio in the American League among players with at least 250 plate appearances...Had more extra-base hits (28) than singles (22); one of only five big league players with at least 50 hits to do so...Made 14 starts at second base, 14 at first base, 12 in left field, 11 as the designated hitter, seven at third base and one at shortstop...Also made two appearances in right field...Went 2-for-4 with a double, homer and career-high tying four RBI on 4/4 vs. Texas in his first game back from paternity leave; was still wearing his hospital bands from earlier in the day after wife Giselle gave birth to couple's fourth child (son Zekiel)...Hit into his second career triple play on 4/17 vs. New York (AL) and became the first player since Russell Martin on 9/27/11 to homer and hit into a triple play in the same game...Connected off Oakland's Luke Gregerson for a three-run walkoff homer in the 11th inning on 5/22...Had a threerun pinch-hit home run on 5/25 vs. Boston (first career PH HR)... Hit a 445-foot home run off Shawn Kelly on 7/2 at New York the longest of his career and the longest blast at Yankee Stadium since Robinson Cano had a 446-foot shot on 10/1/12.

2013: Played in 94 games at five different positions and saw his first significant time in the outfield while spending entire season with Tampa Bay...Made 47 appearances (30 starts) in left field, 23 appearances (17 starts) at first base, eight appearances (five starts) in right field, seven appearances (three starts) at shortstop and five appearances (one start) at second base... Committed only one error in 202 chances (.995 fielding pct.) across all five positions; had lone error at shortstop on 5/5 at Colorado...Started 51 of the Rays 53 games vs. left-handed starters and started only five games against righthanders...Made his fourth consecutive Opening Day roster with the Rays....Had a career-high four hits on 7/1 at Houston...Homered in back-toback starts for the first time in his career on 9/15 at Minnesota (Pedro Hernandez) and 9/18 vs. Texas (Derek Holland)... Appeared in all four games of the A.L.D.S. vs. Boston and started Game One in left field against Jon Lester; hit a second-inning solo homer in his first at bat (his first career postseason homer)... Entered each of the last three games as a pinch hitter.

2012: Made 87 starts for the Rays; 42 at shortstop, 27 at third base, 17 at second base and one as the designated hitter...Was the Opening Day shortstop and began season in a platoon at shortstop with Reid Brignac...Hit .300 with three homers and nine RBI over his first 21 games in May, including 11 starts at third base after Evan Longoria suffered injury...Was optioned to Triple-A Durham on 8/21 when Luke Scott came off the D.L... Sustained a right hand fracture in an off-the-field injury on 8/26 after playing just two games with Durham...Was reinstated on 9/15 after spending time on the minor and Major League

STORY

CAREER HIGHLIGHTS (CONTINUED):

disabled list...Appeared in six games with the Rays in September, making two starts (one at third base and one as the DH).

2011: Was one of six Major League players to make at least one start at all four infield positions, joining Oakland's Adam Rosales and Andy LaRoche, Houston's Matt Downs, Pittsburgh's Brandon Wood and San Diego's Alberto Gonzalez...Made a total of 108 starts; 49 at shortstop, 40 at second base, 16 at third base and three at first base...Set a club record with 18 HBP, eclipsing the mark set by Jonny Gomes (14) in 2004...Ranked second in the American League in HBP behind Chicago's Carlos Quentin (23)... Became the first player since St. Louis' Gregg Jefferies in 1993 to hit into a triple play and participate in one defensively in the same season (both were "around the horn" 5-4-3 triple plays)... Was playing first base when the Rays turned the third triple play in club history on 9/27 vs. New York (AL)...Became the first Rays player to ground into a triple play when he did so on 8/16 at Boston...Tied club record with three errors committed at shortstop on 5/30 vs. Texas...Tied career high (second time) with four RBI on 6/17 vs. Florida...Made three starts at shortstop in the Division Series against Texas...Produced a single, two walks and scored all three runs in Tampa Bay's 4-3 loss in Game Four; scored the first run in a jarring collision with Rangers catcher Mike Napoli that dislodged the ball.

2010: Set career highs in stolen bases during his first season with Tampa Bay...Made a total of 93 starts; 78 at second base, four in center field, three in right field, three at third base, two at first base, one at shortstop and one in left field...Made at least one start at seven different positions, joining teammate Ben Zobrist (2009) as the only players to start at seven positions

in Rays history...Was the youngest player (25 years old) to do so since Jose Oquendo did it at age 23 with St. Louis in 1987...
Made his first Opening Day roster and spent his first full season in the Majors after setting club spring training records in batting (.460), hits (29) and runs (20)...Also hit six home runs...Was Tampa Bay's Opening Day starter at second base...Hit safely in a career-high 15 straight games (22-for-54, .407) from 5/29 to 6/15...Had a career-high two stolen bases on 6/13 vs. Florida (remains his only big league game with two steals)...Fell a double shy of hitting for the cycle on 9/1 vs. Toronto; missed a chance to complete the cycle when he was intentionally walked in his final plate appearances...Made four appearances (three starts) at second base in the A.L.D.S. vs. Texas.

2009: Had two separate stints with Los Angeles (AL)...Was recalled on 6/13 to replace the injured Howie Kendrick and made nine appearances (four starts) with the Angels in that time, homering in his second game on 6/15 at San Francisco... Was recalled a second time on 8/1...Went 2-for-5 as a starter in left field on 8/1 at Minnesota and homered in his final big league game as a starter in left field on 8/2 at Minnesota.

2008: Had five separate stints in the Majors with LAA...Was recalled a first time on 4/19 and made Major League debut as a starter at second base that night vs. Seattle; singled in the sixth inning off Jarrod Washburn for his first big league hit... Connected off A.J. Burnett for first Major League home run on 6/1 vs. Toronto...Made 51 appearances (45 starts) at second base, four appearances (two starts) at shortstop and one appearance at third base during his time with the Angels; made just two errors - both at second base

MINOR LEAGUE HIGHLIGHTS (CONTINUED):

2009: Combined to hit .294 (113-for-385) with 30 home runs, 98 RBI and 87 run scored in 108 minor league games...Was named the Angels Minor League Player-of-the-Year...Tied for seventh among all minor league players in home runs and ranked third among full-season minor leaguers in slugging (.608)...Among all Triple-A players ranked second in slugging pct., tied for second in home runs and tied for fourth in RBI...Among Pacific Coast League players, finished second in homers, fourth in RBI, fifth in OBP, second in slugging (.616) and second in HR/per at bat ratio (12.59)...Spent majority of season with Salt Lake and led the Angels system in home runs and RBI...Went 5-for-5 with two home runs on 5/16 vs. Iowa...Was hitting .273 with 21 homers and 60 RBI after 57 games thru 6/12...Went 4-for-4 with two home runs and seven RBI on 8/12 vs. Nashville...Was acquired by the Rays on 9/1 as the player to be named in the Scott Kazmir trade from 8/28 and finshed the season with Durham...Played in seven postseason games as the Bulls won the International League championship...Hit 32 home runs and had 102 RBI in 120 games overall, including the Major Leagues.

2008: Entered season ranked by Baseball America as the seventh-best prospect in the Angels system and as having the "Best Infield Arm" in the organization...Spent the minor league portion of his season with Salt Lake... Hit .270 with six homers and 13 RBI in 18 games with Gigantes del Cibao in the Dominican Winter League.

2007: Was a non-roster invitee with the Angels and entered the season ranked as the No. 8 prospect in the Los Angeles system by Baseball America...Spent entire season with Double-A Arkansas and earned a selection to the Texas League All-Star Game...Led the Travelers in home runs, RBI, runs and HBP... Played 125 of his 136 games at shortstop...Was added to the Angels 40-man roster following the season.

2006: Was named the Angels Minor League Player-of-the-Year after hitting a combined .308 (160-for-520) with 29 home runs, 86 RBI, 34 doubles and 94 runs scored in 135 minor league game at three different levels...Led all Angels minor leaguers in home runs...Spent majority of season with Class-A Rancho Cucamonga, where he was named a California League mid- and post-season All-Star...Also named a Class-A All-Star by Baseball America and Topps...Made 132 of his 135 appearances at shortstop.

2005: Spent entire season with Class-A Cedar Rapids of the Midwest League, appearing in 124 games (85 at shortstop)...Set career high in stolen bases...Led Cedar Rapids in walks, ranked second in stolen bases and third in home runs.

2004: Hit .297 (125-for-421) with 22 doubles, eight triples, 14 home runs, 72 RBI and 99 runs scored in 121 minor league games...Split season between Cedar Rapids and Rookie-level Provo...Was named Pioneer League Player-of-the-Year after being sent down to Provo from Cedar Rapids in early June...Was named a Pioneer League postseason All-Star.

2003: Made his professional debut in the Arizona League with Mesa after being selected by LAA in the third round of the First-Year Player Draft...Ranked second in the league in games and at bats...Made 37 appearances at shortstop, 12 at third base, four at second base and four in center field.

MISC: Has produced a career average of .248 against LHP and a .218 mark against RHP...During his Major League career, has made 309 appearances (227 starts) at second base, 210 appearances (53 starts) at first base, 160 appearances (124 starts) at shortstop, 129 appearances (71 starts) at third base, 107 appearances (60 starts) in left field, 61 appearances (35 starts) in right field and 19 appearances (four starts) in center field...Made his last start in center field on 5/27/10.

PERSONAL:

PERSONAL: Sean John Rodriguez...Wife's name is Giselle...Has four children, daughters Sofia Emma (2/7/08) and Vanelope Grace (1/18/13) and sons Sean "Gogo" John Jr. (6/2/09) and Zekiel Cruz (4/3/14)...Has a passion about autism awareness and research as Sean Jr. is a high-functioning autistic child... Daughter Vanelope's name was chosen by her sister after a character in Wreck-It Ralph; according to Sofia, her dad has seen movie 720 times...His father, Johnny Rodriguez, is a long-time baseball man who spent the 2014 season as manager of the

Rookie-level Johnson City Cardinals of the Appalachian League; Johnny has coached, managed and scouted in eight different organizations...Sean's older brother, Robert, was a catcher in the Nationals minor league system for five years (2002-06) and is now the head coach/instructor at Total Baseball Academy in Clearwater, FL...Began his high school career as a center fielder at Miami Coral Park before transferring to G. Holmes Braddock High School after his sophomore year to play shortstop...Earned 13 All-America honors.

PITCHER

ACTION (INN.)

	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	BB	so	SB	CS	OBP	SLG	E
	Arizona Angels	.269	54	216	30	58	8	5	2	25	1	1	7	14	37	11	4	.332	.380	21
2004	Cedar Rapids	.250	57	196	35	49	8	4	4	17	2	1	7	18	54	14	4	.333	.393	7
	Provo	.338	64	225	64	76	14	4	10	55	0	1	15	51	62	9	3	.486	.569	27
2005	Cedar Rapids	.250	124	448	86	112	29	3	14	45	9	2	9	78	85	27	11	.371	.422	22
2006	Rancho Cucamon	ga.301	116	455	78	137	29	5	24	77	3	6	12	47	124	15	3	.377	.545	29
	Arkansas	.354	18	65	16	23	5	0	5	9	1	0	2	11	18	0	3	.462	.662	6
	Salt Lake	.000	1	2	0	0	0	0	0	0	0	0	0	0	2	0	0	.000	.000	0
2007	Arkansas	.254	136	508	84	129	31	2	17	73	2	4	19	54	132	15	8	.345	.423	19
2008	Salt Lake	.306	66	248	68	76	19	1	21	52	2	1	9	29	45	4	1	.397	.645	4
	Los Angeles-AL	.204	59	167	18	34	8	1	3	10	2	1	3	14	55	3	1	.276	.317	2
2009	Salt Lake	.299	103	365	81	109	17	6	29	93	3	3	13	51	119	9	2	.400	.616	15
	Los Angeles-AL (1)	.200	12	25	4	5	0	0	2	4	0	1	0	3	7	0	0	.276	.440	0
	Durham	.200	5	20	6	4	2	0	1	5	0	0	0	4	3	0	0	.333	.450	0
2010	Tampa Bay	.251	118	343	53	86	19	2	9	40	5	1	8	21	97	13	3	.308	.397	6
2011	Tampa Bay	.223	131	373	45	83	20	3	8	36	5	2	18	38	87	11	7	.323	.357	11
2012	Tampa Bay	.213	112	301	36	64	14	1	6	32	8	3	3	27	75	5	0	.281	.326	18
	Durham (#)	.500	2	6	2	3	2	0	1	4	1	0	0	1	2	0	0	.571	1.333	0
2013	Tampa Bay	.246	96	195	21	48	10	1	5	23	3	2	5	17	59	1	3	.320	.385	1
2014	Tampa Bay (2)	.211	96	237	30	50	13	3	12	41	3	3	6	10	66	2	1	.258	.443	3
2015	Pittsburgh	.246	139	224	25	55	12	1	4	17	5	0	6	5	63	2	2	.281	.362	3
2016	Pittsburgh (3)	.270	140	300	49	81	16	1	18	56	1	3	5	33	102	2	1	.349	.510	7
2017	GCL Braves (#)	.200	2	5	0	1	0	0	0	0	0	0	0	0	0	0	0	.200	.200	0
	Rome (#)	.000	1	4	0	0	0	0	0	0	0	0	0	0	1	0	0	.000	.000	0
	Mississippi (#)	.083	3	12	1	1	1	0	0	0	0	0	0	1	6	0	0	.154	.167	0
	Gwinnett (#)	.056	5	18	1	1	0	0	0	2	0	2	1	4	5	0	0	.240	.056	0
	Atlanta (4)	.162	15	37	6	6	1	0	2	3	1	0	1	8	19	1	0	.326	.351	2
	Pittsburgh	.168	39	95	12	16	1	0	3	5	0	0	3	8	38	0	0	.255	.274	4
Minor	League Totals	.279	757	2793	552	779	165	30	128	457	24	21	94	363	695	104	39	.378	.497	150
N.L. 1	otals	.241	333	656	92	158	30	2	27	81	7	3	15	54	222	5	3	.312	.416	16
A.L. 1	otals	.225	624	1641	207	370	84	11	45	186	26	13	43	130	446	35	15	.297	.372	41
Majoi	League Totals	.230	957	2297	299	528	114	13	72	267	33	16	58	184	668	40	18	.301	.385	57

(#)Injury Rehab Assignment Selected by Los Angeles (AL) in 2003 First-Year Player Draft (3rd round).

Obscured by Lob Angeles (AL) in 2005 First-fed Player Draft Card round).

(1) Acquired by Tampa Bay from Los Angeles (AL), 9/1/09, as the player to named in the 8/28/09 deal in which the Rays also acquired pitcher Alex Torres and infielder Matt Sweeney in exchange for pitcher Scott Kazmir.

(2) Acquired by Pittsburgh from Tampa Bay, 12/1/14, in deal for a PTBN (pitcher Buddy Borden on 12/12/14) and cash considerations.

(3) Granted free agency on 11/3/16...Signed by Atlanta as a free agent on 11/29/16.

(4) Acquired by Pittsburgh from Atlanta, 8/5/17, in deal for infielder Connor Joe.

	WILD	CARD	GAME	STATIS	TICS
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YEAR	CLUB/OPP	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	E
2015	Pit. vs. Chi.	.000	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wild C	Card Game Totals	.000	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

DIVISION SERIES STATISTICS

YEAR	CLUB/OPP	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	BB	so	SB	CS	E
2010	TB vs. Tex.	.200	4	10	2	2	0	0	0	0	0	0	0	0	5	0	0	1
2011	TB vs. Tex.	.167	4	12	3	2	1	0	0	1	0	0	0	2	0	0	0	0
2013	TB vs. Bos.	.167	4	6	1	1	0	0	1	1	0	0	0	0	0	0	0	0
Divisio	n Series Totals	.179	12	28	6	5	1	0	1	2	0	0	0	2	5	0	0	0

MAJOR LEAGUE DEBUT

April 19, 2008 vs. Seattle

FIRST MAJOR LEAGUE HR

DATE **PITCHER**

June 1, 2008 vs. Toronto A.J. Burnett

PINCH HIT HOMERS (4)

DATE

May 25, 2014 vs. Boston	Craig Breslow
Sept. 13, 2016 at Philadelphia	Jeanmar Gomez
July 24, 2017 at Arizona	Zack Greinke
July 20, 2017 at Obiladalahia	Hoby Milnor

PITCHER

FIRST MAJOR LEAGUE HIT

DATE		PITCHER

April 19, 2008 vs. Seattle..... Jarrod Washburn - 1B

WALKOFF HOMERS (3)

May 22, 2014 vs. OaklandLuke Gregerson
August 15, 2016 vs. CincinnatiRoss Ohlendorf
August 6, 2017 vs. San DiegoBuddy Baumann

WALKOFFS (3)

DATE

ı		
	May 22, 2014 vs. Oakland	Home Run (11th)
	August 15, 2016 vs. Cincinnati	Home Run (9th)
	August 6, 2017 vs. San Diego	Home Run (12th)

HISTORY

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LIFETII	ME F	IEL	DII	NG	ST	ΑT	IST	ICS		LIFETIN	1E F
SECOND BAS	E PCT	G	GS	РО	Α	E	TC	DP	TP	FIRST BASE	PCT
2008	.991	51	45	97	127	2	226	36	0	2010	1.000
2009	1.000	5	4	5	6	0	11	4	0	2011	1.000
2010	.984	92	78	138	222	6	366	56	0	2013	1.000
2011	.989	48	40	66	112	2	180	25	0	2014	1.000
2012	1.000	37	17	40	63	0	103	15	0	2015	.997
2013	1.000	5	1	1	5	0	6	1	0	2016	.995
2014	.971	23	14	32	35	2	69	5	0	2017	1.000
2015	1.000	7	3	3	16	0	19	4	0	CAREER	.998
2016	1.000	29	18	45	60	0	105	17	0		
2017	.946	12	7	9	26	2	37	7	0		
CAREER	.988	309	227	436	672	14	1122	170	0		

LIFETIN	1E FI	ELC	OIN	G ST	ATI:	STI	CS		
FIRST BASE	PCT	G	GS	PO	Α	Е	TC	DP	TP
2010	1.000	3	2	23	1	0	24	2	0
2011	1.000	5	3	24	1	0	25	1	1
2013	1.000	23	17	124	3	0	127	11	0
2014	1.000	18	14	101	8	0	109	9	0
2015	.997	102	12	366	15	1	382	37	0
2016	.995	57	5	176	14	1	191	17	0
2017	1.000	2	0	2	0	0	2	0	0
CAREER	.998	210	53	816	42	2	860	60	1

LIFETI	ME F	IEL	.DII	NG	ST	ΑT	IST	ICS		LIF
RIGHT FIELD	PCT	G	GS	PO	Α	E	TC	DP	TP	THIRD
2009		2	0	0	0	0	0	0	0	2008
2010	1.000	8	3	6	0	0	6	0	0	2010
2013	1.000	8	5	8	0	0	8	0	0	2011
2014		2	0	0	0	0	0	0	0	2012
2015	1.000	14	8	18	0	0	18	0	0	2014
2016	.960	17	13	24	0	1	25	0	0	2015
2017	1.000	10	6	13	0	0	13	0	0	2016
CAREER	.986	61	35	69	0	1	70	0	0	2017

LIFETIM	1E FII	ELC	INC	ST	ATIS	STIC	cs			
THIRD BASE	PCT	G	GS	РО	Α	E	TC	DP	TP	_
2008		1	0	0	0	0	0	0	0	
2010	1.000	7	3	7	5	0	12	2	0	
2011	1.000	30	16	15	45	0	60	6	0	
2012	.894	49	27	23	70	11	104	8	0	
2014	.944	9	7	6	11	1	18	1	0	
2015	1.000	8	3	3	12	0	15	2	0	
2016	.941	11	6	3	13	1	17	1	0	
2017	.947	14	9	5	31	2	38	1	0	
CAREER	.943	129	71	62	187	15	264	21	0	

LIFETIME FIELDING STATISTICS									5	LIFETIME FIELDING STATISTICS											
LEFT FIELD	PCT	G	GS	РО	Α	Е	тс	DP	TP	SHORTSTOP	PCT	G	GS	РО	Α	E	TC	DP	TP		
2009	1.000	3	2	2	0	0	2	0	0	2008	1.000	4	2	5	12	0	17	2	0		
2010	1.000	5	1	8	0	0	8	0	0	2010	1.000	5	1	0	3	0	3	0	0		
2011	1.000	2	0	1	0	0	1	0	0	2011	.947	60	49	55	105	9	169	22	0		
2013	1.000	47	30	48	1	0	49	0	0	2012	.959	47	42	50	115	7	172	18	0		
2014	1.000	17	12	16	0	0	16	0	0	2013	.917	7	3	3	8	1	12	1	0		
2015	1.000	16	7	11	0	0	11	0	0	2014	1.000	1	1	0	1	0	1	0	0		
2016	1.000	10	3	5	0	0	5	0	0	2015	.778	3	1	4	3	2	9	2	0		
2017	1.000	7	5	9	1	0	10	0	0	2016	.944	27	19	23	45	4	72	11	0		
CAREER	1.000	107	60	100	2	0	102	0	0	2017	.917	6	6	8	14	2	24	3	0		
										CARFER	948	160	124	148	306	25	479	59	0		

LIFETIM	E FI	ELC	DINC	ST	ATI	STIC	CS		
CENTER FIELD	PCT	G	GS	РО	A	E	тс	DP	TP
2009	1.000	2	0	1	0	0	1	0	0
2010	1.000	9	4	8	0	0	8	0	0
2016	1.000	5	0	1	0	0	1	0	0
2017	1.000	3	0	2	0	0	2	0	0
CAREER	1.000	19	4	12	0	0	12	0	0

RODRIGUEZ HIGHLIGHTS

MOST HR/GAME: 1 HR (72 times), last on 8/21/17 vs. Los Angeles (NL).

MOST HITS/GAME: 4 hits (twice), 7/6/14 at Detroit & 7/1/13 at Houston. MOST RBI/GAME: 4 RBI (5 times), last on 8/14/16 at Los Angeles (NL).

MOST RUNS/GAME: 3 runs (thrice), 9/28/16 vs. Chicago (NL), 5/1/14 at Boston (game 2) & 5/25/13 vs. New

York (AL).

LONGEST HITTING STREAK: 2017: 2 games, 7 times Career: 15 games (2010).

2017

EDGAR SANTANA

RIGHT-HANDED PITCHER • #37

AGF: 26

BORN: 10/16/91 in Puerto Plata, D.R.

RESIDES: Puerto Plata, D.R. HEIGHT/WEIGHT: 6-2/195

@EdgarSantana 16

BATS/THROWS: R/R M.L. SERVICE: 48 days

OBTAINED: Signed as a non-drafted free

agent on 10/12/13



WARDS & HONORS:

· Participated in 2016 Arizona Fall League Fall Stars Game.

2017 SEASON: Spent majority of season with Triple-A Indianapolis, where he posted a 0.36 ERA (25.1ip/1er) in his first 17 appearances thru 5/21...Won his lone game with Indy on 4/27 at Pawtucket...Was selected by Pittsburgh on 6/10 and made his Major League debut that night vs. Miami; gave up three hits and one run while striking out two batters in 1.0 inning of work... Was optioned to Indy on 7/3...Was recalled on 8/22 and gave up a two-run homer to Yasmani Grandal that night at PNC Park... Was optioned back to Triple-A on 8/23...Struck out for batters while pitching 3.0 scoreless innings on 8/27 vs. Columbus...Was recalled a final time on 9/10 and made nine scoreless outings to close out the season (8.1ip)...Stranded all six of his inherited runners while pitching with the Pirates and held right-handed hitters to a .154 average (6-for-39).

MINOR LEAGUE HIGHLIGHTS:

2016: Pitched at three different levels in the Pirates organization and went 4-1 with three saves and a 2.71 ERA (79.2ip/24er) in 43 appearances...Began season with High-A Bradenton, where he was scored upon in just one of his nine outings while pitching at least 2.0 innings in each game...Tossed a season-high 4.0 innings and picked up his second win on 4/17 vs. Lakeland...Made six straight scoreless appearances (16.1ip) to start the season before giving up two runs in 2.0ip on 4/30 at Jupiter...Pitched 2.0 scoreless innings in Double-A debut on 5/10 and recorded his first save...Picked up wins in back-to-back outings on 5/17 and 5/18...Gave up three home runs and five runs total while suffering lone loss with Altoona on 5/24 vs. Akron...Recorded his second save with the Curve on 7/10 at Erie... Was scored upon just twice in his last nine games with Altoona (24.2ip/4er - 1.46) and made seven straight scoreless appearances to finish his Double-A campaign (12.2ip)...Was promoted to Indianapolis on 8/1 and made his Triple-A debut on 8/2 at Columbus (1.0ip/0r)...Posted a 2.19 ERA (12.1ip/3er) in his first 10 games with Indy thru 8/28... Was charged with five earned runs in 1.0ip on 8/30 vs. Toledo; all coming with two outs in the ninth inning and included a grand slam...Earned first Triple-A save on 9/1 vs. Louisville (game 2)... Participated in the Arizona Fall League and did not surrender a run in nine appearances (13.2ip) with the Surprise Saguaros, who lost to Mesa in the League Championship on 11/19...Also

recorded 18 strikeouts and shared team lead with three saves... Was named to the league's Fall Stars Game and retired the two

2015: Went 1-0 with four saves and a 3.19 FRA in 22 minor league games at two different levels of the system...Began season with West Virginia in the New York-Penn League and picked up a save in his first appearance on 6/21 vs. Mahoning Valley (game 2)...Recorded his lone victory of the season on 7/11 at Vermont...Did not surrender a run in his last five games with the Black Bears (10.1ip) and struck out 17 batters in that time... Picked up saves in back-to-back outings on 7/31 and 8/3...Was promoted to West Virginia in the South Atlantic League on 8/9 and tossed 2.0 scoreless innings in his debut with the Power on 8/10 vs. Delmarva...Earned his lone save with the club on 8/22 vs. Lakewood

2014: Spent first season in the Pittsburgh organization pitching in the Dominican Summer League...Picked up his first two saves in back-to-back outings on 7/15 and 7/22...Was charged with three earned runs in his first 15.0 innings of work and posted a 1.80 ERA after 11 appearances thru 8/6...Surrendered a seasonhigh six runs (five earned) in 2.1ip on 8/14...Notched his first professional win while making final appearance on 8/19.

PERSONAL:

PERSONAL: Edgar Santana...Signed by Pirates scouts Rene Gayo and Juan Mercado just four days before his 22nd birthday... Ranked by MLB.com as Pittsburgh's 29th-best prospect following the 2016 season...Rated by MLB.com as one of the Top 10 breakout prospects from the 2016 Arizona Fall League... Lists Clayton Kershaw as his favorite childhood pitcher.

LIFETIME PITCHING STATISTICS CG SHO SV SO WP BK YEAR CLUB W-L ERΔ G GS IP н R ER HR HP BB 2014 **DSL Pirates** 1-3 3.66 13 0 O 0 2 19.2 27 12 8 0 1 3 11 1 0 2015 Morgantown 1-0 2.70 14 0 0 0 3 30.0 25 9 9 3 5 32 6 1 3 0-0 8 Ω 0 Ω 6 6 3 0 4 3 West Virginia 4 38 1 121 12 16 2016 9 0 0 0 2 0 2 2 0 0 Bradenton 2-0 0.81 22.1 13 2 20 Altoona 2-1 2.83 21 0 0 0 2 41.1 32 1.3 1.3 4 2 11 39 4 1 0 0 0 22 9 9 0 6 2 0 Indianapolis 0-0 5.06 13 1 16.0 1 12 2017 Indianapolis 1-3 2.79 44 0 O 0 8 58.0 62 19 18 4 2 12 54 5 0 0 7 2 1 0 0 Pittsburgh 0-0 3.50 19 0 0 0 18.0 16 8 12 20 Minor League Totals 293 0 Ω 1991 193 70 65 13 10 43 184 21 2 122 **Major League Totals** 0-0 3.50 19 0 0 0 ٥ 18.0 16 8 7 2 1 12 20 0 0 Signed by Pittsburgh as a non-drafted free agent on 10/12/13.

ENERAL



A.J. SCHUGEL

RIGHT-HANDED PITCHER • #31

AGE: 28 (turns 29 on June 27) BORN: 6/27/89 in Winter Haven, FL

RESIDES: Highlands Ranch, CO
HEIGHT/WEIGHT: 6-0/195

© Schug Knight

BATS/THROWS: R/R M.L. SERVICE: 1 year, 96 days

OBTAINED: Claimed off waivers from Seattle

on 1/19/16

AWARDS & HONORS:

- 2014 Southern League All-Star (mid-season).
- 2012 Texas League All-Star (mid-season & post-season).

LAST SEASON:

2017 SEASON: Began season with Triple-A Indianapolis, where he went 3-1 with a 4.20 ERA (30.2ip/14er) in his first 21 games thru 6/5...Was recalled by Pittsburgh on 6/10 and spent four days in the big leagues, but did not appear in a game...Returned to Indianapolis on 6/14 and made five Triple-A appearances (6.2ip/3er) thru 7/3...Was recalled by Pittsburgh on 7/8... Made his season debut with the Pirates on 7/9 at Chicago and

pitched a season-high 3.0 innings while picking up the victory... Was charged with a run six times in his 32 appearances with Pittsburgh...Posted a 0.00 ERA in 17 games at PNC Park (15.2ip/1r/0er)...Was scored upon just four times in his final 27 outings (24.0ip/5er - 1.87 ERA), dating back to 7/25...Went 0-for-1 with a walk as a batter; received the base on balls on 8/20.

CAREER HIGHLIGHTS:



A.J. during the Pirates

2016: Began season Indianapolis and made season debut in game two of a doubleheader on 4/10 at Columbus (1.0ip/0r)...Was selected by Pittsburgh on 4/13 and pitched 2.1 scoreless innings that night vs. Detroit... Was charged with one earned run in his first four appearances (6.1ip) thru 4/20 before

giving up a season-high five runs (four earned) in 1.1ip on 4/23 at Arizona...Pitched 2.1 scoreless innings and picked up his first Major League save in front of friends and family members on 4/25 at Colorado...Tossed 3.0 scoreless innings on 5/3 vs. Chicago (NL)...Made four straight scoreless outings (6.1ip) between 4/25 and 5/3...Suffered first Major League loss after surrendering a walkoff home run to Matt Carpenter on 5/7 at St. Louis...Posted a 4.96 ERA (16.1ip/10r/9er) in his first 11 games with the Pirates thru 5/14...Was optioned to Indianapolis on 5/15...Appeared in two Triple-A games (2.2ip/Oh/Or) before being recalled again on 5/24 when Ryan Vogelsong went on the D.L...Recorded his first Major League win on 5/26 vs. Arizona...Pitched 2.2 innings and suffered walkoff loss on 6/2 at Miami; also struck out in his second plate appearance of the campaign...Pitched a career-high 4.0 innings and struck out a career-high four batters on 6/10 vs. St. Louis (no runs); relieved Gerrit Cole, who left the game in the third inning due to an injury...Also had a sac bunt as a batter on 6/10...Made eight straight scoreless appearances with the Pirates (8.2ip) between 6/23 and 7/8...Picked up second big league victory on 7/6 at St. Louis...Was optioned to Indianapolis on 7/23, but recalled the following day when Tyler Glasnow went on the D.L...Struck out two of the three batters he faced on 7/26 vs. Seattle...Was optioned to Indianapolis on 7/29... Suffered losses on 7/31 vs. Norfolk (0.2ip/3er) and 8/7 vs. Toledo (0.2ip/5er)...Made six straight scoreless appearances from 8/11-24 (9.2ip)...Won his lone decision with Indianapolis on 8/19 touisville...Was recalled by the Pirates on 8/28..Made his final big league appearance on 8/30 at Chicago and tossed 2.0 scoreless innings...Missed the final month due to right arm discomfort; was placed on the 60-day disabled list on 9/23...Was reinstated on 11/4

2015: Spent entire season in the Arizona organization...Began season with Triple-A Reno...Did not make an appearance with the Aces before being recalled by the Diamondbacks on 4/12... Made his Major League debut that day vs. Los Angeles (NL) and gave up two runs in 3.0 innings of relief... Was optioned back to Reno on 4/15...Went 1-4 with a 12.66 ERA (21.1ip/31r/30er) in five Triple-A starts thru 5/10...Was sent to Double-A Mobile, where he made his first start on 5/15 at Mississippi...Went 3-0 with a 1.78 ERA (35.1ip/8r/7er) in five starts with the BayBears from 5/20 thru 6/17...Pitched 7.0 scoreless innings in a no-decision on 6/17 at Pensacola...Retired the first 17 batters he faced and took a perfect game into the sixth inning of his start on 7/3 at Jackson... Won each of his last four starts with Mobile from 7/7-22...Was charged with two earned runs or less in last seven Double-A starts and in nine of 12 overall with Mobile...Returned to Reno on 7/30 and suffered the loss that night vs. Fresno (2.2in/6er) Was recalled by Arizona on 8/30 and finished season in Arizona bullpen...Pitched 3.0 scoreless frames on 9/14 vs. San Diego... Went 9-9 with a 4.84 ERA (115.1ip/62er) in 21 total starts between Mobile and Reno...Was claimed off waivers by Seattle on 12/16.

MINOR LEAGUE HIGHLIGHTS:

2014: Spent entire season with Mobile...Ranked third among Arizona farmhands in ERA (first among full-season pitchers)... Was named to the Southern League mid-season All-Star team... Set minor league career highs in strikeouts and innings pitched... Was charged with three earned runs or less in 20 of his 26 starts...Went 2-2 with a 2.65 ERA (37.1ip/1er) and 26 strikeouts in his final six starts, dating back to 8/2.

2013: Entered the season ranked by Baseball America as the 12th-best prospect in the Angels organization...Spent entire season with Triple-A Salt Lake...Was placed on the disabled list on 7/8 with a sprained left foot and missed remainder of the season...Was acquired by Arizona on 12/13 as the player to be

named later from the three-team trade from 12/10.

2012: Spent entire season with Arkansas (Angels' AA) and was named to the Texas League mid- and post-season All-Star teams...Led Texas League in ERA...Set minor league career high in starts...Led staff in starts and shared lead in wins and innings pitched...Posted a 2.45 ERA (84.lip/23er) in his final 17 starts, dating back to 5/31.

2011: Combined to go 5-5 with one save and a 3.03 ERA (110.0ip/37er) in 29 games (16 starts) between Cedar Rapids (Angels' Class A) and Inland Empire (Angels' High A)...Began season in Cedar Rapids bullpen...Earned lone save on 4/23 vs.

REVIEW

MINOR LEAGUE HIGHLIGHTS (CONTINUED):

Quad Cities...Was promoted to Inland Empire on 8/18 and made final four appearances of the season with the 66ers...Went 3-4 with a 3.10 ERA (81.1ip/28er) in his 16 starts and 2-1 with a 2.83 ERA (28.2ip/9er) in 13 relief appearances.

2010: Began professional career with the Arizona Angels after being selected by Los Angeles (AL) in the 25th round of the First-Year Player Draft...Posted first professional save in fifth appearance on 7/20 vs. Arizona Brewers...Was moved to the Orem Owlz in the Pioneer League on 8/19...Picked up a win in each of his first two outings on 8/19 and 8/22...Earned a save in his final game on 9/7 vs. Ogden...Went 2-2 with three saves and a 3.91 ERA (23.0ip/10er) in 17 relief appearances between the two clubs.

PERSONAL:

PERSONAL: Andrew Jeffrey Schugel (pronounced "SHOOghoul")...Is a 2007 graduate of Mountain Vista High School in Highlands Ranch, CO...Was selected by San Diego in the 33rd round of the 2007 First-Year Player Draft, but did not sign...

Attended Central Arizona College...Was named 2010 NJCAA All-Region 1 and to the 2010 ACCAC All-Conference Team as an infielder.

LIFETIME PITCHING STATISTICS

YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2010	Arizona Angels	0-0	1.72	11	0	0	0	2	15.2	15	5	3	0	0	5	12	2	0
	Orem	2-2	8.59	6	0	0	0	1	7.1	8	7	7	0	0	6	9	0	0
2011	Cedar Rapids	4-3	2.59	25	12	0	0	1	90.1	73	34	26	2	7	39	80	10	0
	Inland Empire	1-2	5.03	4	4	0	0	0	19.2	22	11	11	1	1	6	15	3	0
2012	Arkansas	6-8	* 2.89	27	27	0	0	0	140.1	117	54	45	9	6	55	109	5	0
2013	Salt Lake (1)	4-6	7.05	19	19	0	0	0	89.2	121	74	70	12	4	33	76	7	0
2014	Mobile	6-4	3.48	26	26	0	0	0	147.1	142	60	57	3	6	50	117	5	0
2015	Reno	2-7	10.18	9	9	1	0	0	38.0	65	45	43	4	2	17	27	6	0
	Arizona	0-0	5.00	5	0	0	0	0	9.0	17	13	5	2	0	5	5	0	0
	Mobile (2)(3)	7-2	2.21	12	12	0	0	0	77.1	74	21	19	5	2	15	52	7	0
2016	Indianapolis	1-2	4.00	13	0	0	0	0	18.0	13	8	8	0	1	3	18	1	0
	Pittsburgh	2-2	3.63	36	0	0	0	1	52.0	41	22	21	4	1	13	46	2	0
2017	Indianapolis	3-1	4.17	26	0	0	0	0	36.2	37	18	17	4	2	13	36	4	0
	Pittsburgh	4-0	1.97	32	0	0	0	0	32.0	31	8	7	3	0	14	27	2	0
Minor	League Totals	36-37	4.05	178	109	1	0	4	680.0	687	337	306	40	31	242	551	50	0
Major	League Totals	6-2	3.19	73	0	0	0	1	93.0	89	43	33	9	1	32	78	4	0

(*)Led League

Selected by San Diego in the 2007 First-Year Player Draft (33rd round), but did not sign.

Selected by Los Angeles (AL) in the 2010 First-Year Player Draft (25th round).

(1) Acquired by Arizona from Los Angeles (AL), 12/13/13, as the player to be named in the three-team, five-player deal from 12/10/13. The

Diamondbacks also acquired outfielder Mark Trumbo from Los Angeles and a player to be named from Chicago (AL), the White Sox acquired outfielder Adam Eaton from Arizona and the Angels acquired pitcher Hector Santiago from Chicago and pitcher Tyler Skaggs from Arizona.

(2)Claimed off waivers by Seattle from Arizona on 12/16/15. (3)Claimed off waivers by Pittsburgh from Seattle on 1/19/16.

MAJOR LEAGUE DEBUT

1ST MAJOR LEAGUE WIN

1ST MAJOR LEAGUE SAVE

April 12, 2015 vs. Los Angeles (NL)

May 26, 2016 vs. Arizona

April 25, 2016 at Colorado

LIFETIME FIELDING STATISTICS

PITCHER	PCT	G	GS	РО	A	E	тс	DP	TP
2015	.750	5	0	0	3	1	4	1	0
2016	1.000	36	0	1	8	0	9	0	0
2017	1.000	32	0	2	2	0	4	0	0
CAREER	.941	73	0	3	13	1	17	1	0

YEAR	AVG	AB	R	н	2B	3B	HR	RBI	ВВ	SAG
2016	.000	2	0	0	0	0	0	0	0	1
2017	.000	1	0	0	0	0	0	0	1	0
CAREER	.000	3	0	0	0	0	0	0	1	1

SCHUGEL HIGHLIGHTS

MOST STRIKEOUTS: 4 K's. 6/10/16 vs. St. Louis.

MOST INNINGS PITCHED: 4.0 IP, 6/10/16 vs. St. Louis.

MOST WALKS: 2 BB (6 times), last on 9/20/17 vs. Milwaukee.

LONGEST SCORELESS INNINGS STREAK: 8.2 IP (6/23 to 7/8/16).

LONGEST WINNING STREAK: 4 games (7/9 to 9/20/17). **LONGEST LOSING STREAK:** 1 game, twice (6/2/16 & 5/7/16). OPS

ASEBALL



JOSH SMOKER

LEFT-HANDED PITCHER • #53

AGE: 29

BORN: 11/26/88 in Calhoun, GA

RESIDES: Atlanta, GA HEIGHT/WEIGHT: 6-2/255

@Josh Smoker

BATS/THROWS: L/L

M.L. SERVICE: 1 year, 46 days

OBTAINED: From New York (NL), 1/31/18, in deal for minor league pitcher Daniel Zamora

and cash

AWARDS & HONORS:

- 2013 Eastern League All-Star (mid-season).
- 2012 Florida State League All-Star (post-season).

LAST SEASON:

2017 SEASON: Spent majority of season with the Mets and set Major League career highs in every category...Averaged 10.86 strikeouts per 9.0ip...Was a member of a big league Opening Day roster for the first time in his career and was scored upon once in his first seven games thru 4/18...Suffered his first Major League loss on 4/21 vs. Washington...Gave up a season-high six runs, including two homers, in 1.0ip on 4/30 at Washington... Was optioned to Triple-A Las Vegas on 5/9 and made two starts for the 51's on 5/13 and 5/18...His start on 5/13 vs. Omaha (4.2ip/Or) was his first since pitching with Hagerstown in 2010... Was recalled on 5/23...Tossed 3.0 scoreless frames on 5/30 vs. Milwaukee and picked up his lone win with the Mets...Pitched a career-high 4.0 innings on 6/13 vs. Chicago (NL) and went

O-for-2 at the plate...Was placed on the 10-day disabled list on 6/14 with a left shoulder strain...Made four rehab appearances with Class-A St. Lucie and one with Double-A Binghamton before being reinstated from the D.L. on 7/20...His outing with Binghamton came on 7/18 and was the completion of a suspended game from 5/13 (the same date on which he officially pitched 4.2 innings with St. Lucie)...Posted a 2.63 ERA (27.1ip/8er) and 32 strikeouts in 32 appearances after returning from his stint on the D.L....Was charged with just two earned runs in his final 18.2 innings of work (0.96 ERA), dating back to 8/11...Pitched a career-best 8.0 consecutive scoreless innings between 8/24 and 9/10.

CAREER HIGHLIGHTS:

2016: Began season with Las Vegas and set minor league career high in appearances...Posted a 1.26 ERA (14.1ip/2er) in 10 games during the month of July and a 1.59 ERA (22.2ip/4er) in his final 17 Triple-A games...Struck out at least one batter in 28 of his last 29 minor league games...Picked up his third and final save on 8/6... Was recalled by New York on 8/9 and made Major League debut that night in San Francisco (0.1ip/2r/1er)...Pitched a scoreless 10th

inning on 8/29 vs. Miami and picked up his first Major League win in New York's walkoff victory...Won his second big league game on 9/6 at Cincinnati...Made nine straight scoreless appearances (5.lip) between 9/3-21...Was credited with his third win on 9/23 (1.0ip/2er) vs. Philadelphia...Also struck out in his first big league plate appearance on 9/23...Was scored upon just twice in his last 16 games with New York, dating back to 8/27.

MINOR LEAGUE HIGHLIGHTS:

2015: Had his contract purchased by the New York organization from the Rockford (IL) Aviators of the independent Frontier League on 4/2...Was assigned to Class-A Savannah on 4/29 after a stint in extended spring training program...Was transferred to St. Lucie on 5/16 and picked up a save in six of his 14 appearances...Was promoted to Binghamton on 7/5 and finished season at the Double-A level...Went 3-0 with six saves, a 3.12 ERA (49.0ip/17er) and 60 strikeouts in a total of 41 appearances.

2014: Spent entire season with the Rockford Aviators in the independent Frontier League...Ranked fourth on the staff in games.

2013: Did not play after undergoing shoulder surgery.

2012: Began season with Potomac (Nationals' High-A)... Made two rehab appearances with the GCL Nationals on 6/18 and 6/21...Was assigned to Hagerstown on 6/24...Made two appearances and picked up a save on 6/25...Pitched his final game in the Washington organization on 6/29...Was placed on the disabled list on 7/3 with a torn lat muscle and missed remainder of season.

2011: Spent full season with Potomac pitching exclusively in relief for the first time in his career...Pitched more than 1.0 inning

in 19 of his 46 outings...Produced a 1.42 ERA (19.0ip/3er) in his first 16 games thru 5/31...Did not allow a run in nine appearances in July (9.1ip).

2010: Spent entire season with Hagerstown, where he went 3-10 with a 7.38 ERA (78.0ip/64er) in 19 starts and posted a 1.35 ERA (13.1ip/2er) in 11 relief appearances...Began season in starting rotation; made final start on 7/31...Was unscored upon in his final eight outings (8.1ip), dating back to 8/17...Picked up his first professional save on 8/17 at Delmarva.

2009: Spent entire season with the GCL Nationals...Made two starts to begin the campaign before making his first career relief appearance (4.0ip/Or) on 7/10...Led staff in innings pitched and starts while sharing the lead in wins.

2008: Went 2-5 with a 5.48 ERA (44.1ip/27er) in 11 minor league games between Hagerstown and the GCL Nationals.

2007: Began professional career with Vermont in the New York-Penn League after being selected by Washington in the supplemental round (31st pick overall) in the First-Year Player Draft...Tossed 2.0 scoreless innings in his pro debut on 9/1 and gave up two runs in 2.0ip on 9/7.

PERSONAL:

PERSONAL: Joshua M. Smoker...Wife's name is Nicole...Is a 2007 graduate of Calhoun (GA) High School, where he was named the Gatorade Player-of-the-Year in Georgia his senior year... Was 13-0 with a 1.24 ERA as a senior to help Calhoun win the Georgia 2A State Championship...Rated as the 11th-best pitching prospect in the 2007 First-Year Player Draft...Participated in the

Aflac All-American game following his junior year...Committed to Clemson before signing with Washington...Was a race car driver before concentrating fully on baseball...His father, Mike, makes cars and parts for Midget racing; he has made cars for sons of NASCAR legends Mark Martin and Bobby Labonte.

LIF	ETIME PITC	HING	G STA	TIST	rics	5												
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2007	Vermont	0-0	4.50	2	2	0	0	0	4.0	2	2	2	0	1	3	5	0	0
2008	Hagerstown	0-4	11.50	5	5	0	0	0	18.0	31	27	23	5	1	9	21	1	0
	GCL Nationals	2-1	1.37	6	6	0	0	0	26.1	20	11	4	0	1	13	16	3	0
2009	GCL Nationals	4-2	3.38	10	9	0	0	0	42.2	46	17	16	2	2	10	31	3	1
2010	Hagerstown	3-10	6.50	30	19	0	0	3	91.1	106	73	66	15	4	56	92	8	1
2011	Potomac	5-2	2.31	46	0	0	0	2	50.2	32	16	13	4	3	37	56	6	0
2012	Potomac	0-0	10.80	2	0	0	0	0	1.2	2	2	2	0	2	1	2	1	0
	GCL Nationals (#)	1-0	1.80	2	0	0	0	0	5.0	3	1	1	0	1	1	3	0	0
	Hagerstown	0-1	15.00	2	0	0	0	1	3.0	3	5	5	1	0	4	1	1	0
2013	(1)							11	NJURED	; DID N	OT PLA	¥Υ						
2014	Rockford (2)	1-0	4.03	28	0	0	0	0	29.0	29	21	13	4	4	23	29	4	0
2015	Savannah	1-0	8.10	6	0	0	0	0	6.2	11	6	6	0	0	2	8	1	0
	St. Lucie	1-0	1.69	14	0	0	0	6	21.1	12	5	4	1	0	6	26	1	0
	Binghamton	1-0	3.00	21	0	0	0	0	21.0	16	8	7	0	0	11	26	1	1
2016	Las Vegas	3-2	4.11	52	0	0	0	3	57.0	66	32	26	5	0	18	81	7	0
	New York - NL	3-0	4.70	20	0	0	0	0	15.1	16	10	8	4	4	1	25	0	0
2017	New York - NL	1-2	5.11	54	0	0	0	0	56.1	64	34	32	10	3	32	68	2	0
	Las Vegas	0-0	1.04	2	2	0	0	0	8.2	4	2	1	0	0	2	8	0	0
	Binghamton (#)	0-0	0.00	1	0	0	0	0	1.0	2	0	0	0	0	0	2	0	0
	St. Lucie (#) (3)	0-1	4.15	4	1	0	0	0	4.1	6	2	2	0	0	0	3	0	0
Minor	League Totals	21-23	4.42	205	44	0	0	15	362.2	362	209	178	33	15	173	381	33	3
Indepe	endent League Tota	ls 1-0	4.03	28	0	0	0	0	29.0	29	21	13	4	4	23	29	4	0
Major	League Totals	4-2	5.02	74	0	0	0	0	71.2	80	44	40	14	4	36	93	2	0

(#)Injury Rehab Assignment

(#Jinjury Nethal Assignment.
Selected by Washington in 2007 First-Year Player Draft (supplemental round - 31st pick overall).
(I)Granted free agency on 11/4/13...Signed with Rockord of the Frontier League in January 2014.
(2)Contract purchased by New York (NL) from Rockford of the Frontier League on 4/2/15.
(3)Acquired by Pittsburgh from New York (NL), 1/31/18, in deal for minor league pitcher Daniel Zamora and cash considerations.

MAJOR LEAGUE DEBUT

August 19, 2016 vs. San Francisco

ST MAJOR LEAGUE WIN

August 29, 2016 vs. Miami

LIFETIM	E FIE	ELD	ING	ST/	ATIS	TIC	S		
PITCHER	PCT	G	GS	РО	A	E	тс	DP	TP
2016	1.000	20	0	0	1	0	1	1	0
2017	1.000	54	0	2	4	0	6	0	0
CAREER	1.000	74	0	2	5	0	7	1	0

HITI	ING) <u> </u>	U	L	1					
YEAR	AVG	АВ	R	н	2B	3B	HR	RBI	вв	SAC
2016	.000	1	0	0	0	0	0	0	0	0
2017	.000	3	0	0	0	0	0	0	0	0
CAREER	.000	4	0	0	0	0	0	0	0	0

SMOKER HIGHLIGHTS

MOST STRIKEOUTS: 5 K's (twice), 6/13/17 vs. Chicago (NL) & 4/13/17 at Miami.

MOST INNINGS PITCHED: 4.0 IP, 6/13/17 vs. Chicago (NL).

MOST WALKS: 4 BB, 6/13/17 vs. Chicago (NL).

LONGEST SCORELESS INNINGS STREAK: 8.0 IP (8/24 to 9/10/17).

LONGEST WINNING STREAK: 3 games (8/29 to 9/23/16). LONGEST LOSING STREAK: 2 games (4/21 to 5/24/16).

BASEBALL



JACOB STALLINGS

CATCHER • #58

AGE: 28

BORN: 12/22/89 in Lawrence, KS

RESIDES: Nashville, TN
HEIGHT/WEIGHT: 6-5/220

BATS/THROWS: R/R M.L. SERVICE: 75 days

OBTAINED: Pittsburgh's 7th round selection

in 2012 First-Year Player Draft

AWARDS & HONORS:

• 2012 New York-Penn League All-Star (mid-season).

LAST SEASON:

2017 SEASON: Spent majority of season with Triple-A Indianapolis, where he set minor league career highs in batting average and RBI...Hit safely in 21 of his last 22 games with Indy and ended the regular season by reaching base safely in 24 straight games, dating back to 7/22...Finished the Triple-A season with a 10-game hitting streak (17-for-37, .459) and hit .409 (27-for-66) with 18 RBI in 18 total games with Indy during August and September...Was selected by Pittsburgh on 6/7 when Francisco Cervelli went on the 7-day concussion D.L... Caught the final five innings on 6/8 vs. Miami and went hitless in two at bats...Made the start on 6/9 vs. Miami and went 2-for-5

with two runs scored...Was optioned back to Indianapolis on 6/18 when Chris Stewart came off the D.L...Was recalled four days later on 6/22 when Francisco Cervelli returned to the D.L. did not appear in a game with the Pirates and was optioned back to Indy on 6/25...Hit safely in 11 consecutive games with Indianapolis between 7/26 and 8/21...Was recalled by Pittsburgh on 9/10...Made two starts for the Pirates in September...Went 3-for-4 with a double and a career-high three RBI in final game on 10/1...Hit .417 (5-for-12) with two doubles and three RBI in his three bia league starts.

CAREER HIGHLIGHTS:



2017 Pirates Care-a-van.

2016: Spent majority season Indianapolis, where he set minor league career highs in games played and doubles... 74 Made starts behind the plate, three shy of his career high (78 in 2013 with Bradenton)... Went 4-for-4 with a double, two homers and seven RBI on 5/31 vs. Rochester...

Had contract selected by Pittsburgh on 6/19 and made Major

League debut that night as the starting catcher at Chicago: went hitless in four at bats...Tallied first Major League hit and RBI on 6/21: a double off San Francisco's Johnny Cueto at PNC Park while making his second big league start...Was optioned back to Indianapolis on 6/24...Was designated for assignment on 7/5 and outrighted to Triple-A on 7/6...Hit .298 (14-for-47) in his last 14 games with Indianapolis (dating back to 8/7) and went 7-for-15 (.467) in five Triple-A games in September...Was selected by Pittsburgh on 9/13 when Chris Stewart went on the D.L...Delivered a pinch-hit, walkoff single in the 11th inning on 9/23 vs. Washington - his first at bat since 9/5 while playing with Indianapolis...Had two hits in two at bats while catching the final four innings on 9/26 vs. Chicago...Went 2-for-4 and swiped his first Major League base (off Yadjer Molina) while making his third big league start on 10/1 at St. Louis...Collected six hits in his last nine at bats with the Pirates after starting out 0-for-6

MINOR LEAGUE HIGHLIGHTS:

2015: Spent entire season with Double-A Altoona...Threw out 32 of the 87 runners attempting to steal against him (37%); the second-highest total among Eastern League backstops...Made first career pitching appearance on 6/12 vs. New Hampshire and retired the only batter he faced...Hit .320 in May, .340 in June and .333 in September.

2014: Led all Florida State League backstops with eight double plays while spending his second straight full season with High-A Bradenton...Hit. 429 (21-for-49) with three home runs and 16 RBI in 14 games during the month of August...Reached base safely in 18 of his last 19 regular season games from 7/23 thru 8/31... Went 1-for-4 with a pair of RBI and run scored in the postseason.

2013: Spent entire season with Bradenton...Went 3-for-3 with a home run in his first game on 4/4 at Fort Myers...Recorded his

first career multi-homer game on 8/16 vs. Fort Myers; hit a pair of solo home runs.

2012: Made professional debut with State College, where he was named to the New York-Penn League's mid-season All-Star team...Finished fourth among New York-Penn League catchers after throwing out 36% of the runners (24-of-66) attempting to steal against him...Was recognized at the end of the season by being presented with State College's team leadership award... Played lone game with Altoona on 9/2.

MISC: Has made 412 appearances (401 starts) behind the plate in his minor league career since being selected by Pittsburgh in the seventh round of the 2012 First-Year Player Draft...Has recorded a .993 fielding percentage (23 errors in 3117 total chances) behind the plate during his minor and major league career.

PERSONAL:

PERSONAL: Jacob Daniel Stallings...Wife's name is Amy Beth... One son; Emmitt (3/12/17)...ls a 2008 graduate of Brentwood (TN) Academy...Played baseball at the University of North Carolina, where he set a single-season record for throwing out baserunners (32) during his junior year in 2011 (the third-most in the NCAA that year)...Hit. 297 (62-for-209) with 21 doubles, four home runs, 36 RBI and 41 runs scored in 55 games during his senior season (2012) and earned All-ACC second-team honors...

Signed by Pirates scout Sean Heffernan...His father, Kevin, is the head basketball coach at the University of Pittsburgh; was announced as the 15th head coach in Pitt men's basketball history on 3/28/16 after spending the previous 17 seasons at Vanderbilt...Stallings is in his 25th season as a head coach and entered the 2017-18 campaign with a 471-300 (.611) record overall.

HISTORY

LIF	ETIME BA	TTIN	IG S	TATI	STIC	CS														
YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	НР	ВВ	so	SB	cs	ОВР	SLG	E
2012	State College	.230	66	226	26	52	16	2	1	30	3	3	1	32	73	2	0	.324	.332	4
	Altoona	1.000	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1.000	1.000	0
2013	Bradenton	.219	78	251	36	55	16	2	6	23	2	1	7	45	62	1	1	.352	.371	5
2014	Bradenton	.241	68	212	22	51	11	0	4	30	5	2	2	28	52	1	2	.332	.349	4
2015	Altoona	.275	75	265	25	73	14	1	3	32	1	8	3	15	64	4	1	.313	.370	3
2016	Indianapolis	.214	80	257	23	55	17	0	6	28	5	0	2	11	66	0	1	.252	.350	4
	Pittsburgh	.400	5	15	0	6	1	0	0	2	0	0	0	0	4	1	0	.400	.467	0
2017	Indianapolis	.301	62	216	35	65	16	0	4	38	3	3	4	17	30	1	2	.358	.431	2
	Pittsburgh	.357	5	14	3	5	2	0	0	3	0	0	0	2	2	0	0	.438	.500	1
Minor	League Totals	.246	430	1428	167	352	90	5	24	181	19	17	19	148	347	9	7	.322	.367	22
Majo	League Totals	.379	10	29	3	11	3	0	0	5	0	0	0	2	6	1	0	.419	.483	1

Selected by Cincinnati in 2011 First-Year Player Draft (42nd round), but did not sign. Selected by Pittsburgh in 2012 First-Year Player Draft (7th round).

MAJOR LEAGUE DEBUT

June 19, 2016 at Chicago (NL)

FIRST MAJOR LEAGUE HIT

June 21, 2016 vs. San Francisco

DATE PITCHER

Johnny Cueto - 2B

WALKOFFS (1)
DATE ACTION (INN.)

Sept. 23, 2016 vs. Washington.....Single (11th)

LIFETIME FIELDING STATISTICS

											ı
CATCHER	PCT	G	GS	РО	A	E	тс	DP	TP	РВ	
2016	1.000	4	3	28	0	0	28	0	0	0	
2017	.964	5	3	26	1	1	28	0	0	1	
CAREER	.982	9	6	54	1	1	56	0	0	1	

STALLINGS HIGHLIGHTS

MOST HR/GAME: No Major League Home Runs. MOST HITS/GAME: 3 hits, 10/1/17 at Washington. MOST RBI/GAME: 3 RBI, 10/1/17 at Washington.

LONGEST HITTING STREAK: 2017: 1 game, twice Career: 4 games (2016).

PIRATES WITH SIX OR MORE HITS IN ONE GAME

PLAYER	AB	R	Н	2B	3B	HR
Jake Stenzel - May 14, 1896 vs. Boston	6	3	6	0	0	0
Ginger Beaumont - Juy 22, 1899 vs. Philadelphia	6	6	6	0	0	0
Carson Bigbee - August 22, 1917 at Brooklyn (22 inn.)	11	0	6	0	0	0
Johnny Gooch - July 7, 1922 vs. New York (18 inn.)	8	1	6	1	0	0
Max Carey - July 7, 1922 vs. New York (18 inn.)	6	3	6	1	0	0
Kiki Cuyler - August 9, 1924 at Philadelphia (game 1)	6	3	6	3	1	0
Paul Waner - August 26, 1926 vs. New York	6	1	6	2	1	0
Lloyd Waner - June 15, 1929 vs. New York (14 inn.)	8	2	6	1	1	0
John Hopp - May 14, 1950 at Chicago (game 2)	6	3	6	0	0	2
Dick Groat - May 13, 1960 at Milwaukee	6	2	6	0	0	2
Rennie Stennett - September 16, 1975 at Chicago	7	5	7	2	1	0
Wally Backman - April 27, 1990 at San Diego	6	1	6	1	0	0
Freddy Sanchez - May 25, 2009 at Chicago	6	4	6	1	0	1

ASEBALL

ENERAL



JAMESON TAILLON

RIGHT-HANDED PITCHER • #50

AGE: 26

BORN: 11/18/91 in Lakeland, FL

RESIDES: The Woodlands, TX HEIGHT/WEIGHT: 6-5/230

@JTaillon19

BATS/THROWS: R/R

M.L. SERVICE: 1 year, 110 days

OBTAINED: Pittsburgh's 1st round selection (2nd pick overall) in 2010 First-Year Player

Draft

AWARDS & HONORS:

- Participated in 2013 World Baseball Classic (Canada).
- 2013 Eastern League All-Star (mid-season).
- Participated in 2012 All-Star Futures Game in Kansas City.
- 2012 Florida State League All-Star (mid-season).
- · 2011 South Atlantic League All-Star (mid-season).

LAST SEASON:

2017 SEASON: Surrendered just 10 home runs and ranked third among N.L. pitchers with a 0.74 HR/9.0ip ratio (minimum: 130.0ip)...Started the second game of the season for the Pirates and pitched 7.0 scoreless innings in a no-decision against Chris Sale at Fenway Park...Gave up one unearned run in 7.0ip and won a 6-1 decision in his third start on 4/16 at Chicago; the Pirates trailed 1-0 against Jon Lester before scoring three runs in the eighth and ninth innings...Posted a 0.90 (20.0ip/2er) in his first three starts...Was tagged for four runs in 5.1ip in a nodecision on 4/22 vs. New York (AL); also singled off Michael Pineda for first hit of the season. Won his second game on 4/28 at Miami (5.0ip/ler)...Gave up six runs (a pair of threerun homers) and suffered a 7-2 loss on 5/3 at Cincinnati. Was placed on the 10-day disabled list on 5/6 (retroactive to 5/4) due to groin discomfort...Was diagnosed with testicular cancer and had surgery on 5/8 (surgery performed by Dr. John Lyne in Pittsburgh)...Resumed light baseball activities, including playing catch and light cardiovascular workouts, on 5/15...Threw a bullpen session (25 pitches) on 5/23 at Atlanta and another (35 pitches) on 5/25 at Atlanta...Made a rehab start with Double-A Altoona on 5/28 at Erie (3.0ip/1h/0r/1bb/6so - 47 pitches)... Had rehab assignment transferred to Triple-A Indianapolis on 6/2...Threw 68 pitches in first rehab start with Indy on 6/2 vs. Gwinnett (5.0ip/3h/1r/0er/0bb/6so)...Made his second and final rehab start with Indianapolis on 6/7 at Toledo (6.0ip/ - 97 pitches)...Went 0-1 with a 3.21 ERA (14.0ip/13h/6r/5er/3bb/21so) in three rehab starts...Was recalled from rehab assignment and reinstated from D.L. on 6/12...Made start on 6/12 vs. Colorado exactly five weeks from having surgery - and tossed 5.0 scoreless innings for the win...Struck out career-high nine batters on 7/4 at Philadelphia...Missed scheduled start on 7/9 at Chicago due to flu-like symptoms...Had a career-best 18.1 scoreless innings streak between 6/23 and 7/15...Threw a professional-high 116 pitches in 5.1 innings while winning his sixth game on 7/20 vs. Milwaukee... Gave up a career-high 10 runs (nine earned) on 7/25 at San Francisco...Walked a career-high five batters on 8/22 vs. Los Angeles...Pitched 6.0 scoreless innings in a no-decision on 9/2 vs. Cincinnati...Lost back-to-back starts on 9/7 vs. Chicago and 9/18 vs. Milwaukee...Won his final game on 9/24 vs. St. Louis...Was charged with four runs in his last three starts (17.0ip - 2.12 ERA)... Went 4-1 with a 2.93 ERA in eight starts during the afternoon... Surrendered two runs or less in eight of his 10 road assignments, with the two others being losses at Cincinnati on 5/3 (5.0ip/6r) and at San Francisco on 7/25 (3.0ip/10r)...Went 6-for-38 (.158) with five sacrifice bunts at the plate...Hit safely in four of his last seven games (5-for-12) after going 1-for-26 in his first 16.

CAREER HIGHLIGHTS:

2016: Entered season ranked by Baseball America as the club's fourth-best prospect... Pitched a professional career-high 165.2 innings and had a career-high 146 strikeouts between Triple-A and the Majors...His 3.38 ERA ranked second among National League rookie starting pitchers behind Junior Guerra (2.81)...Also ranked ninth among N.L rookies in innings pitched...Began season with Indianapolis...Made first start on 4/13 at Toledo - his first professional game since the end of the 2013 season - and gave up just one run in 6.0ip while recording the win...Took a no-hitter into his final frame and allowed one hit over 6.0 innings in

a 1-O victory at Louisville on 4/23...Went 2-O with a 1.54 ERA (23.lip/4er) and 23 strikeouts in four starts during the month of April...Pitched 7.0 scoreless innings and allowed two hits in a no-decision on 5/3 vs. Durham...Struck out a career-high 11 batters in 6.0ip on 5/14 at Scranton/WB...Pitched at least 6.0 innings in nine of his 10 Triple-A starts thru 6/3 and was charged with two earned runs or less in seven of the 10...Was ranked fifth among International League leaders in ERA (2.04) and sixth in strikeouts (6i) when he was recalled by Pittsburgh on 6/8...Made his Major League debut on 6/8 vs. New York (NL) and opposed Noah Syndergaard; gave up three runs in 6.0ip and received a no-decision...Was optioned back to Indianapolis on 6/9...Was recalled again on 6/14 when Gerrit Cole went on the disabled list...Pitched 6.0 innings of no-hit ball while winning his first Major League game on 6/14 at New York (NL)...Suffered first big league



Jameson signs a jersey for a young fan during the

loss (4.0ip/4er) on ESPN's Sunday Night Baseball on 6/19 at Chicago (NL)...Was placed on the 15-day disabled list on 7/5 (retro to 6/30) with right shoulder fatigue...Was reinstated on 7/19 and started than night vs. Milwaukee; was in line for a 2-1 victory (6.0ip/ler) before the Brewers tied the game in the bottom of the hinth...Was also hit in the back of the head by a line drive off the bat of Hernan Perez in the second inning, but remained in the game and pitched 4.0 more innings...Went 25.0 consecutive innings without issuing a base on balls from 6/29 to 8/5...Made four straight

starts without walking a batter between 6/29 and 7/30 - the longest such streak by a Pittsburgh starting pitcher since Zane Smith went four in a row in 1992...Pitched a career-high 8.0 innings while winning his first career game at PNC Park on 8/11 vs. San Diego...Snapped an 0-for-18 start to his batting career with a single off Jeff Samardzija on 8/16 at San Francisco...Had career-high eight strikeouts and pitched 8.0 innings, but lost a 3-1 decision to Doug Fister and the Astros at PNC Park on 8/22... Posted a 3.19 ERA in August; the lowest among all National League rookies...Collected his first Major League RBI on 9/17 at Cincinnati (game 1)...Singled and tallied second RBI on 9/23 vs. Washington...Allowed just one hit (a first inning homer to Anthony Rizzo) and walked a season-high three batters in 6.0 ip while winning his final start on 9/28 vs. Chicago...Went 3-for-32 (.094) with two RBI and four sacs at the plate with the Pirates.

MINOR LEAGUE HIGHLIGHTS:

2015: Spent season recovering from Tommy John surgery (performed on 4/9/14)...Made seven outings in Extended Spring Training...Made first outing on 5/14 (1.0ip/11 pitches)... Also threw 2.0 innings/38 pitches on 5/23 and 3.0 innings/32 pitches on 5/27...Made final outing on 6/18 (5.0ip/74 pitches)... Was diagnosed with lower abdominal discomfort on 6/19; was diagnosed as a sports hernia on 6/30...Had surgery performed by Dr. George Eid on 7/8 to repair an inguinal hernia.

2014: Was ranked by Baseball America as Pittsburgh's secondbest prospect and as having the "Best Curveball" in the farm system prior to the season...Went to spring training as a nonroster invitee and made two relief outings (2.2ip/3r/1er)... Missed entire regular season after undergoing surgery to repair the ulnar collateral ligament in his right elbow on 4/9 (surgery performed in New York by Dr. David Altchek).

2013: Entered season ranked by Baseball America as Pittsburgh's second-best prospect and as having the "Best Curveball" in the Pirates system...Also ranked by MLB.Com as No. 15 in their list of the Top 100 prospects in baseball...Pitched for Team Canada in the World Baseball Classic...Made one start for Canadian team (vs. USA) and allowed two runs (one earned) in four innings pitched on 3/10...Went 5-10 with a 3.73 ERA (147.1ip/61er) and 143 strikeouts in 26 minor league games (25 starts) between Double-A Altoona and Triple-A Indianapolis...Ranked third among all Pirates minor leaguers in strikeouts behind Tyler Glasnow (164) and Nick Kingham (144)...Began season with Altoona and was named to the Eastern League mid-season All-Star team...Struck out 10 batters in a loss to Harrisburg on 4/12... Left his start on 5/7 at Harrisburg in the fourth inning after being struck in the shin with a comebacker off the bat of Ricky Hague... Pitched 6.0 scoreless innings on 5/12 vs. Richmond...Matched season high with 10 strikeouts on 5/19 at Richmond...Missed start on 6/9 due to a stiff neck...Made next start on 6/16 vs. Trenton (5.0ip/1r/0er); was on a 75-pitch limit during 6/16 start due to long layoff between starts...Made first professional relief appearance on 7/1 (7/2) at Binghamton - began the suspended game on his scheduled day to start...Pitched 7.0 innings vs. Erie on 7/18 and recorded his first win since 5/24...Came down with neck stiffness for second time and missed next start...Returned to mound on 7/31...Was promoted to Indianapolis and suffered loss in Triple-A debut on 8/5 vs. Louisville (5.0ip/3er)...Won lone game with Indianapolis on 8/22 at Rochester (6.0ip/ler)...

Pitched 5.0 innings in relief (1h/0r/5bb/5so) of rehabbing Wandy Rodriguez in Game Three of first-round playoff series vs. Durham on 9/6...Allowed one unearned run in 2.0 innings in his only start with Scottsdale in the Arizona Fall League before being shut down for the remainder of the season due to a groin injury.

2012: Entered the year ranked by Baseball America as Pittsburgh's second-best prospect and 15th in all of minor league baseball...Was also tabbed by the same publication as having the "Best Curveball" among Pirates farmhands...Went 9-8 with a 3.53 ERA (142.0ip/56er) and 116 strikeouts in 26 combined starts between Single-A Bradenton and Altoona...Ranked eighth in ERA among all pitchers in Pirates minor league system...Picked up his first victory after pitching 6.0 scoreless innings on 4/29 at Jupiter...Was named the Florida State League Pitcher-of-the-Week for the week of 4/23-30; tossed a combined 11.0 scoreless innings for the week...Tossed first professional complete game (6.0ip) on 6/2 at Brevard County...Allowed just one hit over 7.0 scoreless innings on 6/19 vs. St. Lucie...Was named to the Florida State League mid-season All-Star team, but did not see any game action...Allowed one run on two hits in 1.0 inning of work at the All-Star Futures Game in Kansas City...Tossed a combined 12.0 scoreless innings in back-to-back starts on 7/30 and 8/4...Was named the Florida State League Pitcher-of-the-Week for the week of 7/30 to 8/6...Was promoted to Altoona on 8/17...Tossed 5.0 scoreless innings while winning his Double-A debut on 8/21 at Trenton...Allowed just one hit over 6.0 scoreless innings in his next start while striking out seven batters...Allowed his first Double-A run while picking up the win in his final start on 8/31 at Erie... Was named the Eastern League Pitcher-of-the-Week for the week of 8/20-27...Finished the year tied for the Florida State League lead in complete games...Was ranked as the third-best prospect in the Florida State League following the season by Baseball America behind Miami's Jose Fernandez and teammate Gerrit Cole.

2011: Was ranked by Baseball America as Pittsburgh's top prospect prior to the season; was also rated by the same publication as having the "Best Fastball" and "Best Curveball" in the system...Spent first professional season with West Virginia and was named to the South Atlantic mid-season All-Star team... Made pro debut on 4/27 vs. Hagerstown and gave up one run in 2.0ip...Recorded first win on 5/28 at Augusta (5.0ip/ler).

PERSONAL:

PERSONAL: Jameson Lee Taillon (pronounced "TIE-own")...Is a 2010 graduate of The Woodlands (TX) High School, where he went 8-1 with a 1.78 ERA in 11 games as a senior...Also struck out 114 batters and walked 21 in his 62.0 innings of work during his senior season...Whiffed 19 batters while tossing a no-hitter on 3/23/10...Was rated by Baseball America as the best pitcher available in the 2010 draft and as the second-best overall player among the top 200 prospects in the country...Was also rated by the same publication as having the "Best Fastball" and as being the "Closest to the Majors" among all high school pitchers...Made

The Woodlands varsity team as a freshman and went on to post a 22-6 record and 282 strikeouts in 173.0 innings pitched during his high school career...Was the winning pitcher in the Gold Medal Game against Cuba for USA Baseball's 18U National Team during the Pan American Junior Championship in Venezuela in 2009...Went 2-0 with a 0.00 ERA and 28 strikeouts in two starts during the tournament...Signed by Pirates scout Trevor Haley... Played for Canada in the 2013 World Baseball Classic since his mother was born in Toronto and his father in St. Andrews West (near Cornwall. Ontario).

ALL TIME RECORDS vs. AMERICAN LEAGUE TEAMS

TEAM	HOME	ROAD	OVERALL	TEAM	HOME	ROAD	OVERALL
BALTIMORE	7-3	1-9	8-12	MILWAUKEE	0-0	1-2	1-2
BOSTON	6-3	1-5	7-8	MINNESOTA	6-8	6-8	12-16
CHICAGO	8-8	5-9	13-17	NEW YORK	4-2	1-8	5-10
CLEVELAND	14-7	5-10	19-17	OAKLAND	1-5	3-6	4-11
DETROIT	17-12	11-15	28-27	SEATTLE	2-5	4-3	6-8
HOUSTON	3-3	0-0	3-3	TAMPA BAY	5-4	4-2	9-6
KANSAS CIT	Y 11-7	3-8	14-15	TEXAS	2-4	4-8	6-12
LOS ANGELE	S 3-3	4-5	7-8	TORONTO	4-2	3-6	7-8

LIF	ETIME PITO	CHING	STA	TIST	TIC!	5												
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2011	West Virginia	2-3	3.98	23	23	0	0	0	92.2	89	45	41	9	9	22	97	3	0
2012	Bradenton	6-8	3.82	23	23	t 2	0	0	125.0	109	57	53	10	6	37	98	14	0
	Altoona	3-0	1.59	3	3	0	0	0	17.0	11	3	3	0	0	1	18	0	0
2013	Altoona	4-7	3.67	20	19	0	0	0	110.1	112	54	45	8	5	36	106	6	0
	Indianapolis	1-3	3.89	6	6	0	0	0	37.0	31	16	16	1	4	16	37	3	0
2014								П	NJURED	- DID N	IOT PI	ГСН						
2015								11	NJURED	- DID N	IOT PI	ГСН						
2016	Indianapolis	4-2	2.04	10	10	0	0	0	61.2	44	14	14	2	1	6	61	1	0
	Pittsburgh	5-4	3.38	18	18	0	0	0	104.0	99	40	39	13	3	17	85	1	2
2017	Pittsburgh	8-7	4.44	25	25	0	0	0	133.2	152	69	66	11	4	46	125	7	0
	Altoona (#)	0-0	0.00	1	1	0	0	0	3.0	1	0	0	0	0	1	6	1	0
	Indianapolis (#)	0-1	4.09	2	2	0	0	0	11.0	12	6	5	0	0	2	15	0	0
Minor	League Totals	20-24	3.48	88	87	2	0	0	457.2	409	195	177	30	25	121	438	28	0
Major	League Totals	13-11	3.98	43	43	0	0	0	237.2	251	109	105	24	7	63	210	8	2

(#)Injury Rehab Assignment (t)Tied for League Lead Selected by Pittsburgh in 2010 First-Year Player Draft (1st round - 2nd pick overall).

MAJOR LEAGUE DEBUT

June 8, 2016 vs. New York (NL)

1ST MAJOR LEAGUE WIN

June 14, 2016 at New York (NL)

LIFETII	LIFETIME FIELDING STATISTICS													
PITCHER	PCT	G	GS	РО	A	E	тс	DP	TP					
2016	.905	18	18	5	14	2	21	1	0					
2017	1.000	25	25	7	17	0	24	0	0					
CAREER	.956	43	43	12	31	2	45	1	0					

HITT	HITTING TOTALS														
YEAR	AVG	АВ	R	н	2B	3B	HR	RBI	вв	SAC					
2016	.094	32	0	3	0	0	0	2	0	4					
2017	.158	38	2	6	0	0	0	0	0	5					
CADEED	120	70	2	9	_	_	0	2	_	9					

FIRST M.L. HIT: 8/16/16 (Jeff Samardzija - 1B) FIRST M.L. RBI: 9/17/16 (game 1) HOME RUNS: No Major League Home Runs AB SINCE LAST HIT: 11

TAILLON HIGHLIGHTS

MOST STRIKEOUTS: 9 K's, 7/4/17 at Philadelphia.

MOST INNINGS PITCHED: 8.0 IP (3 times), 8/22/16 vs. Houston, 8/11/16 vs. San Diego & 6/14/16 at New York (NL).

MOST WALKS: 5 BB, 8/22/17 vs. Los Angeles (NL).

LONGEST SCORELESS INNINGS STREAK: 18.1 IP (6/23 to 7/15/17).

LONGEST WINNING STREAK: 2 games, thrice (6/29 to 7/4/17, 4/16 to 4/28/17 & 9/17 to 9/28/16).

LONGEST LOSING STREAK: 2 games, thrice (9/7 to 9/18/17, 7/25 to 8/1/17 & 8/22 to 9/2/16).

NIK TURLEY

LEFT-HANDED PITCHER • #69

AGE: 28 (turns 29 on Sept. 11) **BORN:** 9/11/89 in La Canada, CA

RESIDES: Gilbert, AZ
HEIGHT/WEIGHT: 6-4/195

@nturley108

BATS/THROWS: L/L
M.L. SERVICE: 48 days

OBTAINED: Claimed off waivers from

Minnesota on 11/6/17



AWARDS & HONORS:

- 2013 Eastern League All-Star (mid-season).
- 2012 Florida State League All-Star (post-season).

LAST SEASON:

2017 SEASON: Went 5-5 with a 2.05 ERA (92.0ip/21er) in 23 games (13 starts) between Chattanooga (Twins' AA) and Rochester (Twins' AAA)...Led Minnesota minor league system with 124 strikeouts...Was named Twins minor league Pitcherof-the-Month for April after posting a 0.44 ERA (20.1ip/1er) in four games (two starts)...Pitched a 7.0-inning complete game but suffered a 1-0 loss on 4/25 vs. Tennessee...Also matched a Southern League record with 14 strikeouts on 4/25; struck out each of the last eight batters he faced...Made five appearances (three starts) with Chattanooga before being promoted to Rochester on 5/21...Threw a season-high 105 pitches and struck out 15 batters in 6.0 innings of work on 6/6 vs. Scranton/Wilkes-Barre, setting a Frontier Field record (since 1997)...Was named the International League Pitcher-of-the-Week for the week of 6/5-11...Was selected by Minnesota on 6/11 and made Major

League debut that night at San Francisco; started and allowed four runs on eight hits in 4.0ip, but did not factor in the decision... Also went hitless in two big league at bats on 6/11...Went 0-2 with a 16.39 ERA (9.1ip/17r/17er) in three starts with the Twins before being optioned to Rochester on 6/22...Won four straight Triple-A decisions and produced a 0.73 ERA (24.2ip/2er) in five games between 6/6 amd 7/18...Was recalled again on 8/17 and made relief appearance (0.2ip/0r) on 8/18 vs. Arizona...Was optioned back to Triple-A on 8/20...Was recalled as the 26th man for doubleheader on 8/21 at Chicago (AL); gave up two runs in 3.2 innings of relief in game one...Returned to Rochester on 8/21...Was recalled a final time on 9/1 and posted a 6.75 ERA (4.0ip/3er) in five relief outings in September...Was claimed off waivers by Pittsburgh on 11/6...Played winter ball in the Dominican Republic with Estrellas.

MINOR LEAGUE HIGHLIGHTS:

2016: Began season in White Sox' organization and was an invite to spring training...Was released on 3/28...Signed a minor league contract with Boston on 4/3 and was assigned to Double-A Portland...Made 18 of his 20 appearances in relief...Picked up his two professional saves in back-to-back outings on 5/28 and 5/30...Made his two starts with Portland on 7/1 (4.0ip/ler) and 7/9 (3.0ip/2er)...Was released by Boston on 7/14...Signed with Somerset in the independent Atlantic League and appeared in 10 games...Made five starts with Estrellas during the Dominican Winter League (15.1ip/17h/9r/7er/7bb/12so).

2015: Spent majority of season in the starting rotation with Sacramento (Giants' AAA)...Was placed on the disabled list on 4/14 after suffering a laceration on his left index finger during his first start on 4/13 vs. Las Vegas...Was reinstated from the D.L. and transferred to Double-A San Jose on 5/25...Made his lone start with San Jose that day vs. Rancho Cucamonga before returning to Sacramento on 6/1...Pitched 7.0 scoreless innings and gave up just two hits in his last start on 9/7 vs. Albuquerque.

2014: Began season in the Yankees organization on the Triple-A disabled list due to left elbow inflammation...Was granted his unconditional release on 4/28 to clear room on the 40-man roster for Chris Leroux...Was re-signed by New York on 5/5 and was placed on Scranton/Wilkes-Barre's disabled list with a strained left elbow...Appeared in one rehab game with the GCL Yankees on 6/21 before being reinstated from the D.L. on 6/26... Made lone relief outing on 7/23 at Gwinnett (4.0ip/3er).

2013: Spent majority of season with Trenton (Yankees' AA), where he was selected to the Eastern League mid-season All-Star team...Also made one start with Scranton/WB on 5/13 (6.0ip/ler)...Set minor league career highs in wins (11), starts (27), innings pitched (145.0) and strikeouts (141)...Ranked second among New York farmhands in strikeouts and tied for second in wins...Held left-handed batters to a .171 (20-for-117)

batting average...Finished third among Eastern League leaders in opponents batting average (.230), fourth in strikeouts/per 9.0ip (8.93) and fifth in strikeouts...Made lone relief outing on 5/28 (5.0ip/tr/Oer).

2012: Spent majority of season with Single-A Tampa, where was named to the Florida State League post-season All-Star team... Also made one start with Trenton in his final appearance of the season on 9/3...Led Florida State League in ERA and ranked fourth in strikeouts...His 3.00 combined ERA ranked second among New York farmhands...Was on the D.L. from 5/3-12 and from 5/19-6/11 due to a blister on his left index finger...Tossed his first career shutout on 7/23 vs. Lakeland, allowing just two hits in 7.0 scoreless innings in game one of a doubleheader.

2011: Went 4-6 with a 2.81 ERA (89.2ip/28er) in 17 total starts between with Single-A Charleston and Tampa...Did not allow an earned run in his final four starts with Charleston (20.0ip) between 6/5-27...Was promoted to Tampa on 7/2...Made two starts before being placed on the disabled list with a fractured left hand on 7/12; missed remainder of the season.

2010: Went 4-6 with a 3.86 ERA (72.1ip/31er) and 56 strikeouts in 15 games (14 starts) between the GCL Yankees and shortseason Single-A Staten Island...Began season with the GCL Yankees, where he made his lone relief appearance on 6/26 (3.1ip/2r/0er)...Was promoted to Staten Island on 7/5...Pitched his first career complete game in final outing on 9/2 at Hudson Valley (6.0ip/1er) in the first game of a doubleheader.

2009: Spent entire season with the GCL Yankees...Made lone relief appearance on 7/29 against the GCL Pirates (4.2ip/2r/ler).

2008: Made professional debut with the GCL Yankees after being selected by New York in the 50th round of the First-Year Player Draft...Made lone start on 8/15 (1.1ip/ler).

PERSONAL:

PERSONAL: Nikolas Carlyle Turley...Wife's name is Rachel... Has two children; son Dane (11/29/13) and daughter Brooke (2/7/16)...ls a 2008 graduate of Harvard-Westlake High School

in Studio City, CA...Played baseball (pitcher/first base) and basketball in high school.

LIF	ETIME PITCI	HIN	G STA	TIS	ric:	5												
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2008	GCL Yankees	2-1	1.13	4	1	0	0	0	8.0	6	1	1	0	1	0	13	0	0
2009	GCL Yankees	2-3	2.82	11	10	0	0	0	54.1	45	21	17	1	6	23	46	9	1
2010	GCL Yankees	0-2	0.84	3	2	0	0	0	10.2	11	7	1	0	0	2	9	0	0
	Staten Island	4-4	4.38	12	12	1	0	0	61.2	57	36	30	0	2	29	47	4	0
2011	Charleston	4-6	2.51	15	15	0	0	0	82.1	70	32	23	8	8	21	82	9	0
	Tampa	0-0	6.14	2	2	0	0	0	7.1	11	8	5	1	1	1	5	0	0
2012	Tampa	9-5	* 2.89	23	21	1	1	0	112.0	97	38	36	7	9	44	116	6	0
	Trenton	1-0	5.400	1	1	0	0	0	5.0	8	3	3	0	1	1	1	0	0
2013	Trenton	11-8	3.88	27	26	0	0	0	139.0	119	69	60	11	16	73	137	9	6
	Scranton/WB	0-0	1.50	1	1	0	0	0	6.0	2	1	1	0	0	3	4	1	0
2014	GCL Yankees 1 (#)	0-0	1.93	1	1	0	0	0	4.2	4	3	1	0	1	2	4	0	0
	Scranton/WB (1)	5-3	4.62	13	12	0	0	0	60.1	55	36	31	8	9	43	44	7	0
2015	Sacramento	7-8	4.56	19	19	0	0	0	102.2	93	64	52	15	1	48	85	13	0
	San Jose (2)(3)	1-0	1.50	1	1	0	0	0	6.0	2	1	1	0	0	2	4	2	0
2016	Portland (4)	1-2	4.29	20	2	0	0	2	35.2	26	20	17	3	2	28	48	9	1
	Somerset (5)	5-1	2.02	10	8	0	0	0	49.0	32	15	11	4	2	13	66	3	1
2017	Chattanooga	0-1	0.37	5	3	1	0	0	24.1	6	1	1	0	1	7	45	0	0
	Rochester	5-4	2.66	18	10	2	0	0	67.2	58	24	20	4	2	22	79	4	0
	Minnesota (6)	0-2	11.21	10	3	0	0	0	17.2	30	22	22	5	2	8	13	2	0
Minor	League Totals 5	52-47	3.43	176	139	3	1	2	787.2	670	365	300	58	60	349	769	73	8
Indepe	endent League Total	s 5-1	2.02	10	8	0	0	0	49.0	32	15	11	4	2	13	66	3	1
Major	League Totals	0-2	11.21	10	3	0	0	0	17.2	30	22	22	5	2	8	13	2	0

(#)Injury Rehab Assignment

(*)Led League

Selected by New York (AL) in 2008 First-Year Player Draft (50th round).

- (1)Signed by San Francisco as a minor league free agent on 12/3/14.
- (2)Released by San Francisco on 11/1/15...Signed by Chicago (AL) as a minor league free agent on 11/24/15.
- $\hbox{(3)Released by Chicago (AL) on 3/26/16...} Signed by Boston as a minor league free agent on 4/3/16.$
- $(4) Released \ by \ Boston \ on \ 7/14/16... Signed \ with \ Somerset \ of \ the \ Independent \ Atlantic \ League \ on \ 7/20/16.$
- (5) Signed by Minnesota as a minor league free agent on 10/21/16.
- (6) Claimed off waivers by Pittsburgh from Minnesota on 11/6/17.

MAJOR LEAGUE DEBUT

June 11, 2017 at San Francisco

HITTING TOTALS

 YEAR
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LIFETIME FIELDING STATISTICS

PITCHER	PCT	G	GS	PO	A	E	TC	DP	TP	
2017	1.000	10	3	0	2	0	2	0	0	
CAREER	1.000	10	3	0	2	0	2	0	0	

TURLEY HIGHLIGHTS

MOST STRIKEOUTS: Starter: 4 K's, 6/11/17 at San Francisco Reliever: 3 K's, 8/21/17 at Chicago (AL).

MOST INNINGS PITCHED: Starter: 4.2 IP, 6/16/17 vs. Cleveland Reliever: 3.2 IP, 8/21/17 at Chicago (AL).

MOST WALKS: Starter: 4 BB, 6/16/17 vs. Cleveland Reliever: 2 BB, 9/10/17 at Kansas City.

LONGEST SCORELESS INNINGS STREAK: 4.2 IP (8/21 to 9/19/17).

LONGEST WINNING STREAK: No Major League Wins. **LONGEST LOSING STREAK:** 2 games (6/16 to 6/22/17).

TREVOR WILLIAMS

RIGHT-HANDED PITCHER • #34

AGE: 25 (turns 26 on April 25) **BORN:** 4/25/92 in San Diego, CA

 BATS/THROWS: R/R M.L. SERVICE: 1 year, 27 days

OBTAINED: From Miami, 10/24/15, in deal for

pitcher Richard Mitchell



AWARDS & HONORS:

- 2012 Midwest League All-Star (mid-season).
- Participated in 2012 All-Star Futures Game in Kansas City.

LAST SEASON:

2017 SEASON: Established single-season professional highs in innings pitched and strikeouts...Ranked third among all National League pitchers (minimum: 150.0ip) with a 0.84 HR/ per 9.0ip ratio behind Stephen Strasburg (0.67) and Jimmy Nelson (0.82)...Ranked first in ERA, fourth in innings pitched and fourth in strikeouts among National League rookie pitchers with at least 100.0ip...His 117 Ks were the most by a Pirates rookie pitcher since Paul Maholm whiffed 117 in 2006...Posted a 2.55 ERA (60.0ip/17er) in his last 10 home assignments and produced a 3.24 ERA (80.2ip/29er) in his 14 starts overall at PNC Park, giving up two runs or less in 10 of the 14 starts...Surrendered just two runs in his last 26.0 innings pitched at PNC Park (four starts)...Made Pittsburgh's Opening Day roster as a member of the bullpen...Made season debut in sixth team game on 4/9 vs. Atlanta and tossed 2.0 scoreless innings...Pitched a scoreless inning and recorded his second career win on 4/15 at Chicago... Pitched 4.0 innings of relief (69 pitches) and went 0-for-2 at the plate on 4/24 vs. Chicago (NL)...Suffered loss on 4/30 at Miami (0.2ip/ler)...Made his first start of the season on 5/8 at Los Angeles and gave up eight runs (six earned) in 3.0ip while suffering the loss...Was victorious in his next start on 5/13 at Arizona (5.0ip/ler); retired the final 12 batters he faced...Pitched

7.0 innings and gave up just one run while winning an 11-1 decision on 6/4 at New York (NL)...Struck out a career-high seven batters on 6/21 at Milwaukee...Also whiffed seven while pitching 7.0+ innings on 6/27 vs. Tampa Bay...Pitched into the seventh inning on 7/2 vs. San Francsico, but came away with a no-deicsion; left the game with a 2-0 lead and runners on second and third and no outs...Singled off St. Louis' Carlos Martinez on 7/16 at PNC Park for first big league hit; had gone 0-for-22 to start his career - the longest such streak for a Pirates player since Sean Burnett went hitless in his first 25 at bats...Gave up just one hit while tossing 7.0 scoreless innings on 8/7 vs. Detroit...Threw a careerhigh 114 pitches in a career-high 8.0 scoreless innings on 8/23 vs. Los Angeles; opposed Rich Hill, who took a perfect game into the ninth inning and lost his no-hit bid on Josh Harrison's walkoff homer in the 10th inning...Pitched 7.0 scoreless innings while winning a 3-1 decision on 9/3 vs. Cincinnati...Posted a 2.02 ERA (35.2ip/8er) in his last six starts; the third-lowest ERA in the National League behind Stephen Strasburg (0.57) and Kyle Hendricks (2.00), dating back to 8/23...Went 2-for-41 (.048) with two walks and four sacrifice bunts at the plate...Collected his hits in back-to-back games on 7/16 and 7/21...Went hitless in his first 21 at bats to start the season and went hitless in his last 16 at bats.

CAREER HIGHLIGHTS:

2016: Spent majority of season with Triple-A Indianapolis, where he was named the club's Most Valuable Player...Suffered a right shoulder strain nine pitches into his season debut on 4/10 at Columbus and missed six weeks of action in April and May with right shoulder discomfort...Made one rehab start with High-A Bradenton on 5/22 and tossed 5.0 scoreless innings for the win...Returned to Indianapolis and lost three straight starts from 5/28 thru 6/7...Produced a 6-1 record in seven starts from 6/18 thru 7/21 and allowed just one run overall in four starts from 7/3 to 7/26 (28.0ip)...Went 4-1 with a 0.98 ERA (36.2ip/4er) in six starts during the month of July...Posted the International League's lowest ERA (1.50) from 6/28 thru the conclusion of the season...Struck out a career-high 10 batters in his final Triple-A start on 9/1 vs. Louisville (game 1)...Went 10-6 with a 2.42 ERA (115.1ip/31er) in a total of 21 minor league games (20 starts)... Made his Major League debut with the Pirates on 9/7 vs. St. Louis and picked up his first big league win; gave up one unearned run in 3.0 innings of relief during Pittsburgh's 5-3 victory...Suffered first loss in his second outing on 9/10 vs. Cincinnati (l.oip/3er)...Made his first Major League start on 9/17 at Cincinnati (game 2) and received a no-decision (4.0ip/3er)... Walked with the bases loaded on 9/17 and picked up 9/17 and picked up 9/17 and picked up



his first Major League RBI...Finished season making four relief appearances (4.2ip/5er) between 9/22 and 10/2.

MINOR LEAGUE HIGHLIGHTS:

2015: Entered season ranked as Miami's seventh-best prospect according to Baseball America...Finished third among all Marlins farmhands in strikeouts (101) and seventh in ERA (3.85)...Posted a 7-10 record and a 3.85 ERA (131.0ip/56er) in 25 combined appearances (24 starts) between Double-A Jacksonville and Triple-A New Orleans...Began season with Jacksonville...Struck out a season-high nine batters over 6.0 scoreless innings, but had a no-decision on Opening Day on 4/9 vs. Jackson...Lost six straight starts from 4/21 to 5/18...Tossed 6.1 scoreless innings while earning his first win on 5/24 vs. Mississippi...Went 3-0 with a 1.04 ERA (26.0ip/3er) over four starts from 5/24 to 6/9...Made lone relief appearance on 6/28 vs. Biloxi...Surrendered one run over 7.0 innings while winning final start with Jacksonwille on 8/16 at Jackson...Started and lost (3.0ip/4r/3er) his Triple-A debut on 8/23 vs. Las Vegas...Allowed one run over final two

starts (11.0ip) to end the season...Was acquired by the Pirates on 10/24 while pitching as a member of the Mesa Solar Sox in the Arizona Fall League...Posted a 1.23 ERA (7.1ip/1er) in six relief appearances for the Glendale Desert Dogs after being acquired by Pittsburgh ...Worked 1.0 scoreless inning of relief for the West Division in the Arizona Fall League Fall Stars Game on 11/7.

2014: Went 8-7 with a 3.81 ERA (144.0ip/50er) in 26 total starts between Jupiter (Marlins' High-A) and Jacksonville...Was named to the Florida State League's mid-season All-Star (tossed 1.0 scoreless inning of relief for the South Division at McKechnie Field in Bradenton)...Recorded a 6-4 record and a 2.36 ERA prior to the All-Star break...Surrendered first home run in his 12th start on 6/2 vs. Dunedin; was also the first home run he allowed in his professional career...Was promoted to Jacksonville on 8/21.

MINOR LEAGUE HIGHLIGHTS (CONTINUED):

2013: Posted a combined 2.38 ERA (34.0ip/9er) while making a total of 12 starts between the GCL Marlins, Batavia and Greensboro during first professional season...Spent majority of

season with Batavia and ranked third in the Florida State League with a 2.48 ERA (Bradenton's Tyler Glasnow led the way with a 1.74 FRA).

PERSONAL:

PERSONAL: Trevor Anthony Williams...Wife's name is Jackie... Has one son; Ike (10/2/15)...Is a 2010 graduate of Rancho Bernardo High School in San Diego, CA, where he earned three varsity letters while also serving as the baseball team's captain during his senior year...Attended Arizona State University, where he earned first-team Pac-12 All-Conference honors as a

sophomore...Tied for first in Division I with 12 wins in 2012 while being the only Pac-10 pitcher to reach that plateau...Left Arizona State with the sixth-best ERA (3.00) in the aluminum bat era... Wears #34 in honor of former ASU teammate Cory Hahn, who suffered a career-ending injury in 2011.

LIF	ETIME PITO	CHING	STA	TIST	TICS	5												
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2013	GCL Marlins	0-0	4.50	1	1	0	0	0	2.0	3	2	1	0	0	0	1	0	0
	Batavia	0-2	2.48	10	10	0	0	0	29.0	26	13	8	0	1	8	20	0	0
	Greensboro	0-0	0.00	1	1	0	0	0	3.0	2	0	0	0	0	0	3	0	0
2014	Jupiter	8-6	2.79	23	23	0	0	0	129.0	138	49	40	5	0	29	90	4	0
	Jacksonville	0-1	6.00	3	3	0	0	0	15.0	22	12	10	0	0	6	14	0	0
2015	Jacksonville	7-8	4.00	22	21	0	0	0	117.0	126	53	52	9	1	36	88	3	0
	New Orleans (1)	0-2	2.57	3	3	0	0	0	14.0	15	5	4	0	1	7	13	1	0
2016	Indianapolis	9-6	2.53	20	19	0	0	0	110.1	103	43	31	5	4	30	74	2	1
	Bradenton (#)	1-0	0.00	1	1	0	0	0	5.0	4	0	0	0	0	0	4	0	0
	Pittsburgh	1-1	7.82	7	1	0	0	0	12.2	19	13	11	4	0	5	11	0	0
2017	Pittsburgh	7-9	4.07	31	25	0	0	0	150.1	145	73	68	14	9	52	117	2	0
Minor	League Totals	25-25	3.10	84	82	0	0	0	424.1	439	177	146	19	7	116	307	10	1
Major	League Totals	8-10	4.36	38	26	0	0	0	163.0	164	86	79	18	9	57	128	2	0

Selected by Miami in 2013 First-Year Player Draft (2nd round). (1)Acquired by Pittsburgh from Miami, 10/24/15, in deal for pitcher Richard Mitchell.

MAJOR LEAGUE DEBUT

September 7, 2016 vs. St. Louis

1ST MAJOR LEAGUE WIN

September 7, 2016 vs. St. Louis

PITCHER PCT G GS PO A E TC DP TP 2016 1,000 7 1 2 0 0 2 0 0														
PITCHER	РСТ	G	GS	РО	A	E	тс	DP	TP					
2016	1.000	7	1	2	0	0	2	0	0					
2017	.943	31	25	7	26	2	35	1	0					
CAREER	.946	38	26	9	26	2	37	1	0					

	HITTING TOTALS													
YEAR	AVG	АВ	R	н	2B	3B	HR	RBI	вв	SAC				
2016	.000	1	1	0	0	0	0	1	2	0				
2017	.049	41	1	2	0	0	0	0	2	4				
CAREER	.048	21	2	2	0	0	0	1	4	4				

FIRST M.L. HIT: 7/16/17 (Carlos Martinez - 1B)

FIRST M.L. RBI: 9/17/16
AB SINCE LAST HIT: 16

WILLIAMS HIGHLIGHTS

MOST STRIKEOUTS: Starter: 7 Ks (3 times), 8/12/17 at Toronto, 6/27/17 vs. Tampa Bay & 6/21/17 at Milwaukee Reliever: 3 K's (4 times), last on 4/11/17 vs. Cincinnati.

MOST INNINGS PITCHED: Starter: 8.0 IP, 8/23/17 vs. Los Angeles (NL) Reliever: 4.0 IP, 4/24/17 vs. Chicago (NL).

MOST WALKS: Starter: 4 BB (3 times), 9/8/17 at St. Louis, 8/23/17 vs. Los Angeles (NL) & 8/12/17 at Toronto *Reliever:* 3 BB, 4/24/17 vs. Chicago (NL).

LONGEST SCORELESS INNINGS STREAK: 9.0 IP, twice (9/3 to 9/8/17 & 8/23 to 8/28/17).

LONGEST WINNING STREAK: 2 games (7/21 to 8/7/17). LONGEST LOSING STREAK: 3 games (8/12 to 8/28/17).

HISTORY

NON-ROSTER PLAYERS

TODD CUNNINGHAM

OUTFIELDER

AGE: 29

BORN: 3/20/89 in Jacksonville, AL

RESIDES: Jacksonville, AL HEIGHT/WEIGHT: 6-0/205

BATS/THROWS: S/R
M.L. SERVICE: 115 days

OBTAINED: Signed as a minor league free

agent on 11/15/17

27

AWARDS & HONORS:

- 2012 Southern League All-Star (mid-season & post-season).
- Named Atlanta's Organizational Player-of-the-Year in 2012.
- 2011 Carolina League All-Star (mid-season).

LAST SEASON:

2017 SEASON: Hit .284 (83-for-292) with 20 doubles, three triples, four home runs, 31 RBI and a .404 OBP in 96 games between Memphis (Cardinals' AAA) and Oklahoma City (Dodgers' AAA)...Attended spring training as a non-roster invitee with St. Louis before being assigned to Triple-A...Hit all four of his home runs while playing for Memphis...Produced a .315 batting average (28-for-89) in May...Hit .375 (21-for-56) with 13 runs scored, 11 RBI and a .470 on-base percentage while hitting safely in a season-high nine straight games from 4/30 to 5/9...

Was charged with his only error of the entire season on 7/22... Led Memphis in walks and was second on the team in runs scored before being acquired by the Dodgers organization on 7/10... Ranked first in the Pacific Coast League in hit by pitches at the time of the trade...Was on the Oklahoma City disabled list from 8/7 thru 9/1 with a hip strain...Made 46 appearances (39 starts) in right field, 20 appearances (16 starts) in left field, 12 appearances (11 starts) in center field and six appearances (three starts) at second base between Memphis and Oklahoma.

CAREER HIGHLIGHTS:

MISC: Began his professional career with Rome of the South Atlantic League after being selected by Atlanta in the second round of the 2010 First-Year Player Draft (53rd pick overall)... Was named Atlanta's organizational Player-of-the-Year in 2012 while spending entire season with Double-A Mississippi... Was named to the Southern League's mid- and post-season All-Star teams in 2012; finished third among league leaders in batting and ranked tied for third in runs, fourth in hits, tied for ninth in stolen bases, tied for 10th in triples and ninth in on-base percentage...Made Major League debut with Atlanta on 7/30/13 vs. Colorado: singled as a pinch hitter in his first at bat off Jeff Francis...Received the Bill Lucas Award in 2013, an annual award given to a Brayes farmhand who best represents the organization on and off the field...Led Gwinnett in hits in 2014 while also finishing tied for eighth in that department in the International League...Posted single-season career highs in doubles, home runs and RBI in 2014...Finished tied for fifth among International League outfielders with 11 assists in 2014...Was rated as the "Best Defensive Outfielder" in the Braves organization by Baseball America in 2014...Split the 2015 season between Gwinnett and Atlanta...Was recalled by Atlanta on 5/15/15 and hit safely and scored a run in each of his first four games, going 9-for-15 with five runs scored... Had back-to-back three-hit efforts in his first

two games at Miami on 5/15-16...Recorded his first big league RBI at Miami on 5/15/15...Recorded his only career two-RBI game on 6/2/15 at Arizona...Played first season in the Angels organization in 2016 while also being recalled twice to the big leagues...Appeared in 20 games for LAA in 2016 while making each of his six starts in left field...Led Salt Lake with 89 starts in the outfield in 2016 while also leading the team in runs and walks...Has collected 21 of his 25 hits in the Major Leagues against right-handed pitchers...Has made 522 appearances (476 starts) in center field, 174 appearances (109 starts) in right field, 59 appearances (50 starts) in left field and six appearances (three starts) at second base during his minor league career.

PERSONAL: Thomas David Cunningham...Is a 2007 graduate of Jacksonville (AL) High School, where he played baseball, ran cross country and was a kicker on the football team...Played college baseball at Jacksonville State (AL) University, where he was named the Ohio Valley Conference Freshman-of-the-Year in 2008...Was the 2009 Cape Cod League batting champion after hitting .378 while leading the league with a .458 on-base percentage...Was named to the Cape Cod League West All-Star team in 2009 as the starting center fielder at Fenway Park.

EADOFF HOME RUNS HIT BY THE PIRATES

In the 131-year history of the Pirates, a total of 166 home runs have been hit leading off the Bucco half of the first inning. Barry Bonds is the all-time club leader with 20, hitting a single-season team record eight during the 1988 season. Jordy Mercer and Josh Harrison each hit one during the 2017 season. Here's a look at the Pittsburgh players with at least three leadoff homers:

Barry Bonds2	0
Al Martin	О
Andrew McCutchen	8
Bob Bailey	7
Cal Abrams	5
Josh Harrison	.5
Omar Moreno	5

Bill Virdon5	5
Roberto Clemente 4	1
Lee Handley4	1
Nate McLouth	1
Gary Redus4	1
Jose Bautista	3
Carlos Garcia	3

Chad Hermansen	3
John Jaso	3
Kenny Lofton	3
Rennie Stennett	3
Tony Womack	3

LIF	ETIME BA	ΓΤΙΝ	IG S	TATI	STIC	S														
YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	ОВР	SLG	E
2010	Rome	.260	65	231	32	60	9	3	1	20	2	1	15	14	30	7	4	.341	.338	3
2011	Lynchburg	.257	87	334	59	86	12	4	4	20	4	1	14	33	47	14	6	.348	.353	2
	GCL Braves (#)	.182	4	11	2	2	0	1	0	4	0	1	1	1	5	1	0	.286	.364	0
2012	Mississippi	.309	120	466	77	144	23	6	3	51	8	3	4	38	51	24	8	.364	.403	4
2013	Gwinnett	.265	116	427	60	113	13	5	2	38	8	1	10	41	62	20	7	.342	.333	2
	Atlanta	.250	8	8	2	2	0	0	0	0	0	0	0	0	3	0	0	.250	.250	0
2014	Gwinnett	.287	120	470	59	135	28	2	8	58	13	3	10	35	79	19	8	.347	.406	3
2015	Gwinnett	.261	97	329	42	86	13	3	2	31	9	4	10	23	34	9	4	.325	.337	2
	Atlanta (1)	.221	39	86	13	19	4	0	0	4	0	0	2	5	17	2	1	.280	.267	0
2016	Salt Lake	.278	99	349	66	97	16	2	6	43	7	3	7	51	56	23	5	.378	.387	5
	Los Angeles - AL (2	2).148	20	27	5	4	3	0	0	1	1	0	0	1	6	0	1	.179	.259	1
2017	Memphis (3)	.270	76	230	45	62	14	2	4	27	2	2	15	37	37	6	2	.401	.400	0
	Oklahoma City (4	1).339	20	62	12	21	6	1	0	4	0	1	3	6	13	1	1	.417	.468	1
Minor	League Totals	.277	804	2909	454	806	134	29	30	296	53	20	89	279	414	124	45	.356	.374	22
Major	League Totals	.207	67	121	20	25	7	0	0	5	1	0	2	6	26	2	2	.256	.264	1

(#)Injury Rehab Assignment
Selected by Atlanta in 2010 First-Year Player Draft (2nd round).
(()Claimed off waivers by Los Angeles (AL) from Atlanta on 10/9/15.
(2)Granted free agency on 10/3/16...Signed by St. Louis as a minor league free agent on 11/18/16.
(3)Acquired by Los Angeles (NL) from St. Louis, 7/10/17, in deal for cash considerations.
(4)Granted free agency on 11/6/17...Signed by Pittsburgh as a minor league free agent on 11/15/17.

CUNNINGHAM HIGHLIGHTS

MOST HR/GAME: No Major League Home Runs.

MOST HITS/GAME: 3 hits (3 times), 6/2/15 at Arizona, 5/16/15 at Miami & 5/15/15 at Miami.

MOST RBI/GAME: 2 RBI, 6/2/15 at Arizona.

MOST RUNS/GAME: 2 runs (3 times), 6/13/16 vs. Minnesota, 6/1/15 at Arizona & 5/15/15 at Miami.

LONGEST HITTING STREAK: Career: 4 games (2015).

YEAR	WINNER	RUNNER-UP
1900	Honus Wagner (.381)	Elmer Flick (.367)
1902	Ginger Beaumont (.357)	Sam Crawford (.333)
1903	Honus Wagner (.355)	Fred Clarke (.351)
1904	Honus Wagner (.349)	Jake Beckley (.325)
1906	Honus Wagner (.339)	Harry Steinfeldt (.327)
1907	Honus Wagner (.350)	Sherry Magee (.328)
1908	Honus Wagner (.354)	Mike Donlin (.334)
1909	Honus Wagner (.339)	Mike Mitchell (.310)
1911	Honus Wagner (.334)	Doc Miller (.333)
1927	Paul Waner (.380)	Rogers Hornsby (.361)
1934	Paul Waner (.362)	Bill Terry (.354)
1935	Arky Vaughan (.385)	Joe Medwick (.353)
1936	Paul Waner (.373)	Joe Medwick (.351)
1940	Debs Garms (.355)	Stan Hack (.317)
1960	Dick Groat (.325)	Norm Larker (.323)
1961	Roberto Clemente (.351)	Vada Pinson (.343)
1964	Roberto Clemente (.339)	Rico Carty (.330)
1965	Roberto Clemente (.329)	Hank Aaron (.318)
1966	Matty Alou (.342)	Felipe Alou (.327)
1967	Roberto Clemente (.357)	Tony Ganzalez (.339)
1977	Dave Parker (.338)	Garry Templeton (.332)
1978	Dave Parker (.334)	Steve Garvey (.316)
1981	Bill Madlock (.341)	Pete Rose (.325)
1983	Bill Madlock (.323)	Lonnie Smith (.321)
2006	Freddy Sanchez (.344)	Miguel Cabrera (.339)

HISTORY

TYLER EPPLER
RIGHT-HANDED PITCHER • @TylerEppler36

AGE: 25

BORN: 1/5/93 in College Station, TX

RESIDES: Navasota, TX
HEIGHT/WEIGHT: 6-5/230

BATS/THROWS: R/R

M.L. SERVICE: None

OBTAINED: Pittsburgh's 6th round selection

in 2014 First-Year Player Draft



AWARDS & HONORS:

2016 Eastern League All-Star (mid-season).

LAST SEASON:

2017 SEASON: Spententire season with Triple-A Indianapolis after attending big league camp as a non-roster invitee...Went 8-7 with a 4.80 ERA (120.0ip/64er) in 21 starts and 0-2 with a 5.51 ERA (16.lip/10er) in six relief appearances...Scattered three hits over 5.0 scoreless innings in season debut on 4/8 vs. Toledo... Allowed one hit over 6.0 scoreless innings while recording his first win in next outing on 4/13 at Toledo...Had 12.0 inning scoreless streak come to an end in his next start on 4/19, but improved to 2-0; his 12.0 scoreless innings to start the season were the longest by a Tribe starter since Andy Oliver threw 14.0

scoreless innings to open the 2013 season...Went a combined 4-2 with a 2.91 ERA 52.2ip/17er) in 10 games (nine starts) in April and May...Posted a 5-0 record and 2.45 ERA (47.2ip/13er) in his first nine games (eight starts) at home...Struck out a career-high eight batters on 5/10 vs. Charlotte...Worked a scoreless inning on 5/25 at Lehigh Valley in first relief appearance of the season...Lost a career-high five straight decisions from 7/9 to 8/18...Ended five game losing streak after allowing one run in 7.0 innings on 8/23 vs. Louisville...Recorded third career complete game (7.0ip/1r) while recording his last win on 8/28 at Louisville...Went 3-for-18 with a pair of RBI at the plate.

CAREER HIGHLIGHTS:

MISC: Made his professional debut with Jamestown of the New York-Penn League in 2014 after being drafted by the Pirates earlier in the summer...Ranked sixth in the New York-Penn League in ERA and second in WHIP (0.95) and batting average against (.213) during his first professional season; also ranked second among New York-Penn League starters in 2014 in fewest baserunners per 9.0 innings (8.65)...Made his professional debut on 6/15/14 against Jamestown and tossed 3.0 hitless innings... Went 3-0 with a 0.62 ERA (29.0ip/2er) in five starts during the month of August with Jamestown...Joined Single-A Bradenton on 5/14/15 after missing the beginning of the season with elbow soreness...Made 12 of his 14 appearances with the Marauders as a member of the starting rotation...Tossed a 4.0-inning complete game while also suffering the loss on 6/22 at Charlotte... Recorded only pro save in his first career relief appearance on 7/20/15...Went 5-0 over his final seven appearances (six starts) with Bradenton; also allowed one unearned run in his final four starts (26.2ip) with the Marauders...Surrendered just one home run during the entire 2015 campaign (7/2)...Made his Double-A debut on 9/3/15 at Bowie and allowed six runs in 5.1 innings... Pitched Game Two of the 2015 Western Division Series on 9/10 vs. Bowie and was charged with the loss after allowing three earned runs in 6.0 innings...Spent entire 2016 season with Double-A Altoona, where he was named to the Eastern League's mid-season All-Star team...Led all Eastern League hurlers and the Pirates organization in innings pitched in 2016; the 162.1 innings was also the second-most in a single-season in Curve history... Established a career high in wins, which was also tied for 10th in the league...Finished tied for second in the Eastern League in games started, which was also tied for the most in Curve history... Ranked second among Eastern League starting pitchers in fewest walks per 9.0 innings pitched (1.83)...Led the Curve rotation in WHIP (1.29) and strikeouts while also posting 16 quality starts, including seven in his first eight starting assignments

PERSONAL: Tyler Austin Eppler...Wife's name is Marissa (proposed to her the day he was drafted by the Pirates)...Is a 2011 graduate of Navasota (TX) High School, where he played basebal, golf and basketball...Began his collegiate career at Texarkana Junior College in 2012, where he went 5-3 with a 4.46 ERA in 12 games while earning second-team all-conference accolades... Also played two seasons (2013-2014) of baseball at Sam Houston State (TX) University, where he compiled a career record of 14-8 with a 3.28 ERA in 33 appearances (29 starts)...Was named a second-team All-Southland Conference in 2014 after going 9-6 with a 3.20 ERA and 67 strikeouts...Was teammates with current Bucco minor league pitcher Cody Dickson at Sam Houston State in 2013...Signed by Pirates scout Trevor Haley.

LIF	ETIMEPH	CHING	5 5 I A	1112	HC	•												
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2014	Jamestown	3-2	2.49	14	14	0	0	0	68.2	54	24	19	6	1	11	49	1	0
2015	Bradenton	6-1	2.58	14	12	1	0	1	66.1	58	23	19	1	1	14	46	1	0
	Altoona	0-1	10.13	1	1	0	0	0	5.1	4	6	6	1	0	3	3	0	0
2016	Altoona	9-10	3.99	27	27	1	0	0	*162.1	176	78	72	14	6	33	106	3	2
2017	Indianapolis	8-9	4.89	27	21	1	0	0	136.1	159	83	74	23	4	33	96	4	0
Minor	League Totals	26-23	3.90	83	75	3	0	1	439.0	451	214	190	45	12	94	300	9	

(*)Led League Selected by Pittsburgh in 2014 First-Year Player Draft (6th round).





YEUDY GARCIA

RIGHT-HANDED PITCHER • @garciayeudy781

AGE: 25

BORN: 10/6/92 in Sabana Yegua, Azua, D.R.

RESIDES: Pueblo Viejo, Azua, D.R.

HEIGHT/WEIGHT: 6-2/220

BATS/THROWS: R/R M.L. SERVICE: None

OBTAINED: Signed as a non-drafted

free agent on 2/21/13

AWARDS & HONORS:

- Pittsburgh's Minor League Pitcher-of-the-Year in 2015.
- 2015 South Atlantic League Most Outstanding Pitcher and Best Right-Handed Pitcher.
- · 2015 South Atlantic League All-Star (mid-season & post-season).
- · 2014 Dominican Summer League All-Star (mid-season).

SEASON:

2017 SEASON: Posted a 5-7 record, five saves and 5.04 ERA (75.0ip/42er) in 31 total appearances (11 starts) between Double-A Altoona and the GCL Pirates (rehab)...Began season in Altoona's starting rotation...Went 2-5 with a 6.50 ERA (44 lin/32er) in 11 starts and 2-2 with a 3.25 FRA (27 2in/10er) in 18 relief appearances with the Curve...Recorded nine strikeouts in 3.2 innings on 4/23 at Akron but allowed five runs in the fourth inning while suffering the loss...Allowed two unearned runs in 5.0 innings while earning first Double-A win on 5/7 at Akron...Was placed on the seven-day disabled list on 6/20 with a right oblique strain...Made two rehab appearances with the GCL Pirates before returning to Altoona on 7/4...Farned first Double-A save on 7/8 at Akron...Picked up first relief win on 7/19 vs. Harrisburg... Recorded a 2.0-inning save in clinching game on 8/29 at Richmond...Posted a 2.96 ERA (24.1ip/8er) and added three saves over 15 outings after moving to the bullpen full-time in early July...Pitched a scoreless inning on 9/8 at Bowie in Game Two of the Eastern League Division Series...Earned a save in Game Two of the Eastern League Championship Series with a scoreless ninth inning on 9/13 at Trenton...Was rated as Pittsburgh's 19th-best prospect by MLB.com following the season...Went 3-for-5 with a pair of doubles at the plate with Altoona.

CAREER HIGHLIGHTS:

MISC: Began his professional career in 2014 with the Dominican Summer League Pirates, where he was named to the league's mid-season All-Star team...Was named Pittsburgh's Minor League Pitcher-of-the-Year in 2015 while also being honored as the South Atlantic League's Most Outstanding Pitcher and Best Right-Handed Pitcher at the conclusion of the season...Also took home South Atlantic League mid- and post-season All-Star honors in 2015...Ranked second among Pirates minor leaguers in ERA and third in strikeouts in 2015...Led the South Atlantic League in ERA, finished tied for second in wins, second in batting average against (.204), third in WHIP (1.07) and fifth in strikeouts...Was named the South Atlantic League's Player-of-the-Month for July in 2015 after going 6-0 with a 0.90 ERA in six games (five starts)...Went 8-0 over his final 13 appearances (12 starts) during the 2015 campaign...Recorded a career-high 10 strikeouts on 8/27/15 at Augusta...Went 11-3 with a 2.04 ERA (97.0ip/22er) in his 21 starts with West Virginia in 2015...Posted an 8-0 record and 1.71 ERA in 14 appearances (13 starts) following the 2015 South Atlantic League All-Star break...Spent entire 2016 season with Bradenton, where he ranked second in the Forida State League in strikeouts, fifth in ERA, tied for first in games started and first in strikeouts per 9.0 innings among starters (8.83)... Was named the Florida State League Pitcher-of-the-Week for the week of 5/23-29 in 2016...Ranked third among Pirates minor leaguers in strikeouts in 2016.

PERSONAL: Yeudy Bamba Garcia (first name rhymes with "Judy")...Is a 2010 graduate of high school...Also attended college in the Dominican Republic before signing with the Pirates in 2013...Lists Albert Pujols as his favorite athlete while growing up...Also enjoyed playing volleyball as a youth...Signed by Pirates scouts Rene Gayo and Juan Mercado.

LIF	ETIME PITO	CHING	STA	TIS	TICS	5												
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2014	DSL Pirates	4-3	2.41	13	13	0	0	0	59.2	50	23	16	0	10	20	47	6	4
2015	West Virginia	12-5	*2.10	30	21	0	0	1	124.1	92	36	29	4	10	41	112	6	2
2016	Bradenton	6-8	2.76	26	t 25	1	0	1	127.1	122	53	39	7	7	54	127	13	1
2017	Altoona	4-7	5.25	29	11	0	0	5	72.0	76	48	42	8	9	46	67	7	0
	GCL Pirates (#)	1-0	0.00	2	0	0	0	0	3.0	1	1	0	0	0	2	4	1	0
Minor	League Totals	27-23	2.94	100	70	1	0	7	386.1	341	161	126	19	36	163	357	33	7

(#)Injury Rehab Assignment

')Led League

(t)Tied for League Lead

Signed by Pittsburgh as a non-drafted free agent on 2/21/13.

BASEBALL

JIN-DE JHANG

AGE: 24 (turns 25 on May 17)
BORN: 5/17/93 in Taitung City, Taiwan

RESIDES: Taichun City, Taiwan
HEIGHT/WEIGHT: 5-9/225

BATS/THROWS: L/R M.L. SERVICE: None

OBTAINED: Signed as a non-drafted free

agent on 6/10/11

AWADDS & HONODS

- 2015 Florida State League All-Star (mid-season).
- 2013 New York-Penn League All-Star (mid-season).
- 2013 Topps Short-Season/Rookie All-Star.
- 2012 Gulf Coast League All-Star (post-season).

LAST SEASON:

2017 SEASON: Attended spring training as a non-roster invitee with the Pirates...Spent entire season with Double-A Altoona, where he led all Eastern League catchers in double plays turned (11)...Threw out 25 of the 53 runners (47%) attempting to steal against him...Made 2017 debut on 5/20 after beginning the year recovering from an oblique injury suffered during spring training...Threw out two runners attempting to steal on 5/29 at Erie...Recorded first multi-hit game while also scoring a pair of runs on 6/1 vs. Akron...Recorded first three-hit game of the season on 6/9 vs. Richmond...Threw out his eighth baserunner in 11th attempt of the season on 6/3 vs. Portland...Threw out three

runners attempting to steal against him on 6/18 at Hartford... Connected for first home run on 7/20 at Bowie; his first bomb since 5/5/16...Hit safely in a season-high seven straight games from 7/8 (game two) to 7/20...Knocked in five runs after hitting a three-run homer and two-run triple on 8/3 vs. Erie...Recorded 12 of his 17 multi-hit games over his final 34 starts...Delivered a bases-clearing triple in Game Three of the championship series to complete the three-game sweep of Trenton on 9/14 at Altoona... Went 7-for-21 with a double, two triples and five RBI in six games for the Eastern League champion Curve during the postseason.

CAREER HIGHLIGHTS:

MISC: Will look to become the 15th Taiwanese-born player to make it to the Major Leagues...Has made all 319 of defensive appearances at catcher during his minor league career... Has thrown out 33% (118-of-353) of the runners attempting to steal against him during his minor league career... Made his professional debut with the Gulf Coast League Pirates in 2012 and led all catchers with a 1.000 fielding percentage; did not commit an error in 216 total chances in 36 games behind the plate...Was also named to the Gulf Coast League's post-season All-Star team...Went 1-for-4 with an RBI, stolen base and run scored in his professional debut on 6/18/12...Hit first career home run on 8/14/12 against the GCL Yankees...Threw out 28% (12-of-43) of the runners attempting to steal against him in 2012...Was ranked by Baseball America as the Gulf Coast League's 19thbest prospect following the 2012 campaign... Was named to the New York-Penn League mid-season All-Star team in 2013 while spending entire season with Jamestown...Hit a home run in three consecutive games for Jamestown from 6/18-21 and collected eight RBI in his first five games of the 2013 season...Recorded his first career multi-home run contest while also driving in six runs on 8/18/13 vs. Auburn...Threw out 47% (22-of-47) of the runners attempting to steal against him with Jamestown... Finished with the third-most RBI on Jamestown's 2013 team behind Edwin Espinal and Harold Ramirez...Was named a 2013 Topps Short-Season/Rookie All-Star...Spent entire 2014 season with High-A Bradenton where he shared catching duties with Jacob Stallings...Finished seventh in the Florida State League in batting in 2015 while also being named to the league's midseason All-Star team...Hit .426 (23-for-54) in 15 games during the month of April to open the 2015 campaign...Hit .306 (55-for-180)

in 48 games in the first half of the 2015 season...Hit a walkoff home run in the 10th inning on 9/1/15 vs. Palm Beach; the lone walkoff blast for the Marauders during the 2015 season... Hit a combined .288 (60-for-208) with 14 doubles, one home run and 23 RBI in 60 games between Altoona and Triple-A Indianapolis in 2016...Made all 53 of his defensive appearances behind the plate in 2016 and was charged with just two errors in 400 total chances (.995 fielding percentage)...Threw out 31.5% (17-of-54) of the runners attempting to steal against him with Altoona; also went 0-for-2 in caught stealing attempts with Indianapolis... Went 4-for-14 during the 2016 Eastern League Division Series... Went 3-for-5 with a pair of doubles and two RBI in Game One on 9/7/16 vs. Akron...Batted .319 (15-for-47) with three doubles and seven RBI and produced a .389 on-base percentage in 14 games for the Surprise Saguaros during the 2016 Arizona Fall League...Has compiled a .294 career average (15-for-51) with three doubles, two triples and seven RBI in 16 career games in the postseason.

PERSONAL: Jin-De Jhang (ryhmes with "hang")...His younger brother Yu-Cheng Chang is an infielder in the Cleveland Indians organization...Was primarily a third baseman during his amateur career...Played for Taiwan in the 2013 Baseball Challenge: Japan vs. Taiwan Series from November 8-10, 2013...Played for Taiwan in the inaugural WSBC Premier 12 tournament in 2015, which was played in Japan and Taiwan, and recorded three caught stealings in one game vs. Cuba on November 13...Signed by Pirates scout Fu Chun Chiang.

LIFETIME BATTING STATISTICS

YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	CS	ОВР	SLG	E
2012	GCL Pirates	.305	43	128	12	39	5	2	1	23	1	0	2	14	16	1	1	.382	.398	0
2013	Jamestown	.277	53	184	22	51	8	1	5	34	4	4	2	17	24	0	1	.338	.413	3
2014	Bradenton	.219	77	269	29	59	12	2	2	35	4	3	2	15	36	3	0	.263	.301	8
2015	Bradenton	.292	99	370	45	108	16	1	5	41	4	4	2	22	43	2	4	.332	.381	4
2016	Altoona	.298	54	188	20	56	13	0	1	21	0	3	2	11	12	1	0	.338	.383	2
	Indianapolis	.200	6	20	2	4	1	0	0	2	0	1	1	1	2	0	0	.261	.250	0
2017	Altoona	.231	72	273	29	63	9	2	3	25	3	1	2	17	24	1	0	.280	.311	4
Minor	League Totals	.265	404	1432	159	380	64	8	17	181	16	16	13	97	157	8	6	.315	.357	21



TYLER JONES

RIGHT-HANDED PITCHER

AGE: 28 (turns 29 on September 5) BORN: 9/5/89 in Milwaukee, WI RESIDES: Milwaukee, WI

BATS/THROWS: R/R M.L. SERVICE: None

OBTAINED: Signed as a minor league

free agent on 1/5/18

AWARDS & HONORS:

2015 Southern League All-Star (mid-season).

HEIGHT/WEIGHT: 6-4/240

2017 SEASON: Attended spring training with Arizona after being selected by the Diamondbacks off New York's (AL) Triple-A Scranton-Wilkes Barre roster in the Rule Five Draft on 12/8...Was returned to the Yankees on 3/24 and spent entire season with Scranton-Wilkes Barre, where he led the staff in appearances... Averaged 10.74 strikeouts per 9.0 innings pitched, which ranked fifth among all International League relievers...Recorded at least one strikeout in all but six of his 44 outings...Went 6-2 with a 3.12 ERA (43.1ip/15er) in 28 appearances before the All-Star break and 0-2 with a 7.08 ERA (20.1ip/16er) in 16 appearances after

the break...Was scored upon in each of his first two aapearances before not allowing a run in 16 of his next 18 outings from 4/15 to 6/7 (26.0ip/3er)...Went 5-0 with one save from 4/19 to 6/10... Had five-game winning streak come to an end on 6/20 after allowing two runs in 1.1 innings while being charged with a blown save and loss...Recorded third and final save on 7/15 at Buffalo... Did not allow a run in final six appearances (6.2ip) to end the regular season...Went 1-1 with a 6.48 ERA (8.1ip/6er) in 11 relief appearances while pitching for Licey in the Dominican Winter

CAREER HIGHLIGHTS:

MISC: Has averaged 10.9 strikeouts per 9.0 innings pitched during his minor league career... Has made 202 consecutive relief appearances since making his last start on 9/1/12 while pitching for Beloit in the Midwest League...Made professional debut with Elizabethton in the Appalachian League in 2011 after being drafted by the Twins earlier in the summer...Ranked second among all Twins minor leaguers in strikeouts in 2012 while spending entire saeson with Beloit...Ranked second among all Minnesota farmhands in saves in 2014 while spending entire campaign with Single-A Fort Myers...Went a combined 0-1 with 22 saves, a 2.50 ERA (54.0ip/15er) and 65 strikeouts in 49 appearances between Single-A Carolina and Double-A Mississippi in his first season with the Braves organization in 2015...Was named to the

Southern League mid-season All-Star team in 2015 while finishing tied for fourth in the league in saves...Averaged a career-best 13.20 strikeouts per 9.0ip in his first season as a member of the Yankees organization in 2016.

PERSONAL: Tyler Matthew Jones... Is a 2008 graduate of Marguette University (WI) High School, where he lettered in both baseball and football and won two state baseball championships in 2006 and 2008. "Played one season of baseball at LSU in 2011 after playing two seasons (2009 and 2010) at Madison Area Tech Junior (WI) College...Was a 2010 Junior College first-team All-American after helping lead Madison to the Junior College World Series.

LIF	ETIME PITC	HINC	STA	TIS	TIC:	5												
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2011	Elizabethton	0-0	12.86	4	1	0	0	0	7.0	16	10	10	2	1	2	8	3	0
2012	Beloit	5-5	4.67	18	16	0	0	0	86.2	90	58	45	5	3	35	102	9	0
2013	Cedar Rapids	4-3	1.93	24	0	0	0	9	37.1	19	14	8	0	1	16	44	0	0
	Fort Myers	1-3	4.20	12	0	0	0	4	15.0	18	7	7	0	1	4	22	1	0
2014	Fort Myers (1)	3-3	3.73	40	0	0	0	13	50.2	49	27	21	2	1	23	53	6	0
2015	Carolina	0-0	0.00	10	0	0	0	6	10.0	6	1	0	0	0	2	16	3	1
	Mississippi (2)	0-1	3.07	39	0	0	0	16	44.0	43	15	15	0	1	18	49	5	0
2016	Trenton (3)	6-2	2.17	33	0	0	0	11	45.2	45	14	11	1	1	11	67	2	0
2017	Scranton-WB (4)	6-4	4.38	44	0	0	0	3	63.2	61	32	31	6	1	20	76	7	1
Minor	League Totals	25-21	3.70	224	17	0	0	62	360.0	347	178	148	16	10	131	437	36	2

Selected by Chicago (AL) in 2010 First-Year Player Draft (21st round), but did not sign. Selected by Minnesota in 2011 First-Year Player Draft (11th round).

(Dunconditionally released by Minnesota on 3/28/15...Signed by Atlanta as a minor league free agent on 3/30/15. (2)Cranted free agency on 11/6/15...Signed by New York (AL) as a minor league free agent on 1/3/16...Signed by New York (AL) as a minor league free agent on 1/3/16...Signed by Arizona off New York Striple-A Scranton-Wilkes Barrer orster in Major League Phase of Rule Five Draft on 12/8/16.

Returned to New York (AL) on 3/24/17 (4) Granted free agency on 11/6/17. Signed by Pittsburgh as a minor league free agent on 1/5/18.

CHRISTIAN KELLEY

CATCHER

AGE: 24 (turns 25 on Sept. 23) BORN: 9/23/93 in Upland, CA RESIDES: Chino, CA

HEIGHT/WEIGHT: 5-10/190

BATS/THROWS: R/R M.L. SERVICE: None

OBTAINED: Pittsburgh's 11th round selection

in 2015 First-Year Player Draft



AWARDS & HONORS:

2017 Florida State League All-Star (mid-season).

LAST SEASON:

2017 SEASON: Attended first big league camp as a non-roster invitee with the Pirates...Spent entire season with Single-A Bradenton, where he was named to the Florida State League's mid-season All-Star team...Ranked first among all Florida State League catchers in games (89), total chances (757), putouts (653) and assists (97)...Also ranked fourth in the league after throwing out 25.3 percent of the baserunners attempting to

steal against him (23-for-91)...Hit safely in five straight games from 4/7-13 and in eight of his nine contests from 4/7-18...Hit his first home run and tallied three RBI on 5/5 vs. Dunedin...Recorded his first career stolen base on 5/13 vs. Palm Beach...Hit .346 (28-for-81) in 22 games during the month of May...Hit his second and final home run on 6/9 at Dunedin...Batted .275 (22-for-80) vs. lefthanders and .233 (57-for-245) off righties.

CAREER HIGHLIGHTS:

MISC: Led all New York-Penn League catchers in games (53), total chances (442), putouts (382), assists 52) and double plays (seven) in his first professional season in 2015 while playing for the league-champion West Virginia Black Bears...Threw out 26% (19-of-72) of the runners attempting to steal against him in 2015, which ranked fourth among New York-Penn League backstops... Made his professional debut on 6/21/15 vs. Mahoning Valley and walked twice while also scoring a run in start behind the plate...Recorded first career three-RBI game on 7/2/15 at State College...Went 5-for-19 with a double, four walks, three runs scored and a .391 on-base percentage in five games during the New York-Penn League playoffs...Hit a combined .248 (72-for-290) with 14 doubles, two home runs, 33 RBI and 33 runs scored in 86 games between West Virginia and Single-A Bradenton in 2016...Spent a majority of the 2016 season with the West Virginia Power...Threw out 36% (40-of-111) of the runners attempting to steal against him with the Power, which ranked fifth among South Atlantic League backstops...Led all South Atlantic League catchers in assists (114)...Made a team-high 77 starts behind the plate for West Virginia (the Power went 38-39 in those games)...Collected 27 of his 28 RBI with West Virginia against right-handed pitchers....Was promoted to Bradenton for the remainder of the 2016 season on 8/10...Hit safely in each of his first seven games and in eight of his nine overall with the Marauders...Went 2-for-5 with a pair of RBI in his Bradenton debut on 8/12/16 vs. St. Lucie...Went 1-for-6 in two games for the Florida State League champion Bradenton club during the 2016 nostseason

PERSONAL: Christian Dane Kelly...Is a 2012 graduate of Don Lugo High School in Chino, CA...Received All-Mt. Baldy League second-team honors as a junior...Guided the Don Lugo team to a Mt. Baldy League championship and earned league MVP honors after hitting .434 with three home runs and 31 RBI during his senior season...Played baseball at California State Polytechnic University, Pomona, where he majored in Kinesiology...Was nominated for a Division II Gold Glove Award as a catcher in 2015 at Cal Poly Pomona...Was named to the NCAA Division II West All-Region second team in 2015 and was also a first-team All-California Collegiate Athletic Conference Association honoree... Signed by Pirates scout Brian Tracy.

LIFETIME BATTING STATISTICS

YEAR CLUB	AVG	G	АВ	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	ОВР	SLG	E
2015 West Virginia	a .232	56	194	30	45	2	0	0	21	9	1	4	25	43	0	0	.330	.242	8
2016 West Virginia	a .236	77	259	26	61	12	0	2	28	4	2	4	25	55	0	5	.310	.305	7
Bradenton	.355	9	31	7	11	2	0	0	5	0	2	0	2	9	0	0	.371	.419	0
2017 Bradenton	.243	92	325	27	79	11	0	2	39	8	1	9	39	80	1	6	.340	.295	7
Minor League Total	s .242	234	809	90	196	27	0	4	93	21	6	17	91	187	1	11	.329	.290	22

Selected by Pittsburgh in 2015 First-Year Player Draft (11th round).

MOST RECENT WINNING STREAKS

6 games	2017	July 16 thru July 21
7 games	2016	June 29 thru July 6
8 games	2015	September 19 thru September 26
9 games	2013	June 20 thru June 30
10 games	2004	June 26 thru July 5
11 games	1996	September 12 thru September 22
12 games	1965	May 21 thru June 1
13 games	1938	June 29 thru July 12
16 games *	1909	September 9 thru September 27 (game 1)

* club record

OPS

ISTORY



KEVIN KRAMER

INFIELDER • @Kevin Kramer7

AGF: 24

BORN: 10/3/93 in Turlock, CA

RESIDES: Turlock, CA HEIGHT/WEIGHT: 6-0/200

BATS/THROWS: L/R M.L. SERVICE: None

OBTAINED: Pittsburgh's 2nd round selection in 2015 First-Year Player Draft

AWARDS & HONORS:

- 2017 Eastern League All-Star (mid-season).
- · Named to 2017 Arizona Fall League Fall-Star's Game .

LAST SEASON:

2017 SEASON: Hit .290 (63-for-217) with 17 doubles, three triples, six home runs and 30 RBI in 57 combined games between Altoona, the GCL Pirates (rehab) and Morgantown-WV (rehab)... Began season with Altoona, where he was named to the Eastern League's mid-season All-Star team...Hit first Double-A home run on 4/8 at Harrisburg in game one of a doubleheader...Was hit by a pitch three times and also walked once on 4/18 vs. Erie...Hit two solo homers, including a go-ahead shot in the eighth inning, in the Curve's home opener on 4/13 vs. Akron...Hit .464 (13-for-28) with three homers and seven RBI through his first eight games from 4/7-14...Opened season with a 10-game hitting streak from 4/7-17...Scored at least one run in eight straight games from 4/26 to 5/7...Hit .385 (37-for-96) with 17 runs scored, 10 doubles, two triples, three homers, 11 RBI and 11 walks over his first 26 games from 4/7 to 5/9...Hit safely in nine straight games from 4/30 to 5/11...Extended on-base streak to 29 games after being intentionaly walked on 5/12 vs. New Hampshire...Reached base

safely in 32 straight games from 7/4 to 8/12; the second-longest streak in the Eastern League in 2017 and one game shy of the Altoona team record set by Ronny Paulino in 2004...Was hit by a pitch and removed from the game on 6/10 vs. Richmond in the first gameof a doubleheader...Was placed on the disabled list on 6/11 with a right hand fracture and missed remainder of the regular season...Played one game on rehab with the GCL Pirates and three with Morgantown...Was added to Altoona's playoff roster on 9/9 to replace the injured Cole Tucker...Had a sacrifice fly on 9/9 vs. Bowie in Game Three of the Division Series...Worked a bases-loaded walk in Game Two of the Eastern League championship series on 9/13 at Trenton. Hit. 200 with a double, two home runs and six RBI in 16 games while playing for Glendale in the Arizona Fall League. Was named to the league's Fall-Stars Game; entered the game as a defensive replacement at second base and went 0-for-1 at the plate... Was rated by MLB. com as Pittsburgh's ninth-best prospect following the season.

CAREER HIGHLIGHTS:

MISC: Began his professional career with the West Virginia Black Bears in 2015 after being selected by the Pirates in the second round of the draft earlier in the summer...Recorded career-high five hits on 8/24/15 against Batavia, finishing the game 5-for-8 with a triple and two RBI...Ranked sixth in the New York-Penn League in batting in 2015...Hit .583 in his final five games with the Black Bears before being promoted to the West Virginia Power on 8/25/15...Hit .483 (28-for-58) with the Black Bears during the month of August in 2015..Batted .455 (5-for-11) with a double and RBI in three games during the 2015 South Atlantic League playoffs...Spent entire 2016 season with the Florida State League champion Bradenton Marauders...Led all Florida State League second basemen in fielding percentage (.983) and double plays (68) in 2016 and finished tied for the league lead in doubles... Recorded first career home run on 5/2/16 at St. Lucie...Has made 206 career appearances at second base and four at shortstop (last on 9/5/15) in his professional career...Has participated in the postseason in each of his first three professional seasons. hitting .271 (13-for-48) with two doubles, a home run and four RBI in 13 games

PERSONAL: Kevin Lowell Kramer...Is a 2011 graduate of Turlock (CA) High School, where he was a three-year varsity winner in baseball...Was also a three-year letter winner at quarterback on Turlock's football team...Hit .350 with six doubles, two home runs and 30 RBI during his senior year in 2011...Was a threetime, first-team All Central California League selection...Batted .460 with 11 doubles, five triples, seven home runs and 30 RBI as a junior in 2010...Led Turlock to the title game in 2010 while hitting three home runs in the league playoffs...Helped lead the USA Baseball U-16 team to the Gold Medal in Taiwan during the summer of 2009...Was named the Central California League MVP as a quarterback after passing for 1037 yards and 15 touchdowns while also rushing for 1119 yards and 16 touchdowns as a senior... Played baseball collegiately at UCLA...Collected three hits during the 2012 College World Series...Hit .278 in 66 games as a sophomore in 2013 with 11 doubles, two triples, three home runs and 42 RBI as UCLA won the College World Series against Mississippi State (Adam Frazier played for Mississippi State); the first national championship in baseball for UCLA...Hit .323 with 14 doubles, two triples, seven home runs and 34 RRI in 2015 with the Bruins...Was rated by Baseball America as the 133rd prospect heading into the 2015 draft...Was signed by Pirates scout Rick Allen.

LIFETIME BATTING STATISTICS

YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	НР	вв	so	SB	cs	ОВР	SLG	Е
2015	Morgantown	.305	46	177	34	54	7	3	0	17	4	2	1	25	28	9	4	.390	.379	4
	West Virginia	.240	12	50	9	12	2	1	0	3	0	0	1	5	8	3	0	.321	.320	1
2016	Bradenton	.277	118	444	56	123	t 29	2	4	57	10	5	6	48	63	3	9	.352	.378	8
2017	Altoona	.297	53	202	31	60	17	3	6	27	0	3	12	17	50	7	2	.380	.500	6
	GCL Pirates (#)	.000	1	2	0	0	0	0	0	1	0	1	0	0	1	0	0	.000	.000	0
	Morgantown (#	.231	3	13	1	3	0	0	0	2	0	0	1	0	2	1	0	.286	.231	1
Minor	League Totals	.284	233	888	131	252	55	9	10	107	14	11	21	95	152	23	15	.363	.400	20

Selected by Pittsburgh in 2011 First-Year Player Draft (25th round), but did not sign. Selected by Pittsburgh in 2015 First-Year Player Draft (2nd round).

REVIEW

RYAN LAVARNWAY

CATCHER • @RyanLavarnway

AGE: 30 (turns 31 on August 7) BORN: 8/7/87 in Burbank, CA RESIDES: Greenwood Village, CO BATS/THROWS: R/R

M.L. SERVICE: 2 years, 146 days

OBTAINED: Signed as a minor league free

agent on 1/22/18



HEIGHT/WEIGHT: 6-4/240

• Participated in 2017 World Baseball Classic (Israel).

• 2012 International League All-Star (mid-season & post-season).

Named Boston's Minor League Co-Player-of-the-Year in 2010 & 2011.

• 2010 South Atlantic League All-Star (mid-season & post-season).

· Played in 2010 Arizona Fall League Rising Stars Game.

AST SEASON:

2017 SEASON: Was a non-roster invitee with Oakland during spring training...Played for Israel in the World Baseball Classic and hit .444 with a homer and six RBI in six games...Homered against Chinese Taipei on 3/6 in Seoul, Korea...Spent majority of season with Nashville (Athletics' AAA), where he made 61 appearances (60 starts) behind the plate and one appearance at first base...Also made three appearances on the mound (2.1ip/2er)...Hit .316 (25-for-79) in 23 games during the month of June...Was selected by Oakland on 7/5 and made one start at catcher on 7/7 at Seattle before being designated for assignment on 7/8...Returned to Nashville on 7/11...Recorded his first professional sacrifice bunt on 7/19 at Iowa...Was selected by Oakland on 7/27...Went 1-for-3 with a double and two RBI in his start behind the plate on 7/28 vs. Minnesota - his first big league RBI since 8/23/15 while playing with Atlanta...Hit safely in his last two games with the Athletics on 8/1-2...Made a total of four starts in his two stints with Oakland...Was designated for assignment on 8/5...Returned to Nashville on 8/9 and finished the season at the Triple-A level.

REER HIGHLIGHTS:

MISC: Has played 140 Major League games over parts of six seasons with Boston (2011-2014), Baltimore (2015), Atlanta (2015) and Oakland (2017)...Was originally selected by Boston in the sixth round of the 2008 First-Year Player Draft and made his professional debut with Lowell that summer...Led the South Atlantic League in extra-base hits (59) and ranked third in home runs (21) while playing with Greenville in 2009...Was named Boston's minor league co-Player-of-the-Year in 2010 after hitting .288 with 22 home runs and 102 RBI in 126 games between High-A Salem and Double-A Portland...Was named to both the Carolina League's mid- and post-season All-Star teams in 2010...Hit a minor league career-high 32 home runs in 2011 while splitting the season between Portland and Triple-A Pawtucket...Tied for fourth among all minor league players in home runs in 2011...Was named Boston's minor league co-Playerof-the-Year for the second straight year and was also named the Red Sox Minor League Player-of-the-Year in 2011 by Baseball America...Also slected as the publication's best power prospect in the International League...Made Major League debut with the Red Sox on 8/18/11...Singled off lefty Jeff Francis at Kansas City for his first hig league hit on 8/19/11. Made first Major League start at catcher on 9/27/11 at Baltimore and went 2-for-4 with two home runs and four RBI; connected off Orioles starter Zach Britton for first big league homer...Became only the third player in Major League history with a multi-homer game in his first game started behind the plate, joining Philadelphia's Bobby Pfeil on 7/27/71 and Toronto's J.P. Arencibia on 8/7/10...Was the starting catcher in the International League All-Star Game in 2012; was also selected to the league's post-season All-Star squad...Caught pitcher Craig Breslow on 8/18/12 at Yankee Stadium to become the second-ever battery of Yale products in a Major League game; the first being Philadelphia A's pitcher Al Hubbard and catcher Jack Jones on September 15, 1883...Had a big league career-high 14 RBI while hitting .299 in 25 games with Boston in 2013...Tied modern day Major League record with four passed balls in one inning while catching knuckleballer Steven Wright at Houston on 8/6/13...Had a career-high nine-game hitting streak

in 2013 between 7/29 and 9/22...Missed over two months of the 2014 campaign after breaking the hamate bone in his left wrist on 5/29...Appeared exclusively at first base in his nine games with the Red Sox in 2014 - his first Major League experience at that position...Was on the Pawtucket club that won the Governor's Cup title in 2014; was named the Governor's Cup MVP after hitting .455 (10-for-22) with a homer and three RBI in the five-game series against Durham...Began 2015 season in the big league with Baltimore...Was designated for assignment on 5/26/15 and signed a minor league deal with Atlanta on 5/20/15...Appeared in 27 games (17 starts) with the Braves in 2015...Began 2016 season in Braves organization before being release on 5/13...Signed a minor league deal with Toronto on 5/27/16 and spent remainder of 2016 season with Double-A New Hampshire...Played for Israel in the WBC qualifier following the 2016 season and went 5-for-12 with a home run and three RBI in three games to help the team sweep the Brooklyn qualifier...Has made 476 career appearances at catcher and 40 at first base during his minor league career; has made 29 errors as a catcher and five while playing first base... Has also posted a 7.71 ERA in three appearances as a pitcher; all with Nashville in 2017 (2.1ip/3h/2r/2er/0bb/1so)...Recorded his lone professional sacrifice bunt on 7/19/17 while playing with Nashville...Collected his two professional triples with playing with Greenville in 2009 on 4/17 and 6/13.

PERSONAL: Ryan Cole Lavarnway...Wife's name is Jamie...Is a 2005 graduate of El Camino (CA) Real High School... Was a semifinalist for the Johnny Bench Award and Golden Spikes Award as a junior at Yale in 2008 (was a Philosophy major)...Was named Second-Team All-Ivy and First-Team All-New England in 2008 after leading the Ivy League in home runs (13), RBI (42), walks (29), slugging (.824) and OBP (.541) while pacing the Bulldogs with a .398 batting average...Became the Ivy League's all-time leader with 33 home runs (record since surpassed)...Hit for an NCAA-best .467 and posted an .873 slugging percentage during his sophomore season.

** club record
* club record since
23 games **
13 games *
12 games

YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	НР	ВВ	so	SB	cs	ОВР	SLG	E
	Lowell	.211	22	71	10	15	5	0	2	9	0	0	3	8	18	0	0	.317	.366	С
	Greenville	.285	106	404	60	115	36	2	21	87	0	6	6	50	113	1	2	.367	.540	6
	Salem	.289	82	304	66	88		0	14	63	0	3	9	44	62	1	0	.392	.487	3
2010	Portland	.289			25	45	18	0	8		-	-	-	26	42		-		.487	(
			44	158			9	-	-	39	0	2	4	25		0	0	.395		
2011	Portland	.284	55	208	35	59	5	0	14	38	0	4	2		47	0	0	.360	.510	
	Pawtucket	.295	61	227	40	67	18	0	18	55	0	1	4	32	60	1	1	.390	.612	
	Boston	.231	17	39	5	9	2	0	2	8	0	0	0	4	10	0	0	.302	.436	0
2012	Pawtucket	.295	83	319	52	94	22	0	8	43	0	4	4	40	62	1	0	.376	.439	6
	Boston	.157	46	153	11	24	8	0	2	12	0	2	0	11	41	0	0	.211	.248	2
2013	Pawtucket	.250	50	180	23	45	9	0	3	24	0	5	4	25	25	0	0	.346	.350	2
	Boston	.299	25	77	8	23	7	0	1	14	0	1	2	2	17	0	0	.329	.429	1
2014	Pawtucket	.283	62	219	22	62	10	0	3	20	0	0	5	33	45	0	0	.389	.370	4
	Boston	.000	9	10	0	0	0	0	0	0	0	0	0	0	3	0	0	.000	.000	C
	GCL Red Sox (#	.400	2	5	1	2	1	0	0	2	0	0	0	1	1	0	0	.500	.600	C
	Portland (#) (1)	.273	3	11	2	3	0	0	1	2	0	0	0	1	1	0	0	.333	.545	(
2015	Baltimore (2)(3)(4).107	10	28	1	3	1	0	0	0	0	0	0	4	7	0	0	;.219	.143	1
	Gwinnett	.268	13	41	5	11	2	0	2	8	0	0	0	8	7	0	0	.388	.463	
	Atlanta	.227	27	66	5	15	5	0	2	6	0	0	0	8	21	0	0	.311	.394	1
2016	Gwinnett (5)	.276	25	98	7	27	8	0	0	10	0	0	1	8	18	0	1	.336	.357	1
	New Hampshire (6	.262	66	233	33	61	13	0	6	38	0	3	2	34	47	1	0	.357	.395	3
2017	Nashville	.239	82	264	33	63	9	0	6	26	1	3	5	31	65	0	2	.327	.341	6
	Oakland (7)	.273	6	11	0	3	1	0	0	2	0	0	1	1	3	0	0	.385	.364	1
Minor	League Totals	.276	756	2742	414	757	165	2	106	464	1	31	51	366	613	5	6	.368	.454	34
N.L. 1	otals	.227	27	66	5	15	5	0	2	6	0	0	0	8	21	0	0	.311	.394	1
A.L. 1	otals	.195	113	318	25	62	19	0	5	36	0	3	3	22	81	0	0	.251	.302	4
Majoi	League Totals	.201	140	384	30	77	24	0	7	42	0	3	3	30	102	0	0	.262	.318	5

(#)Injury Rehab Assignment

Selected by Boston in 2008 First-Year Player Draft (6th round).

(1)Claimed off waivers by Los Angeles (NL) from Boston on 12/5/14.

(2) Claimed off waivers by Chicago (NL) from Los Angeles (NL) on 12/19/14.

(3) Claimed off waivers by Baltimore from Chicago (NL) on 12/23/14.

(4) Granted free agency on 5/29/15... Signed by Atlanta as a minor league free agent on 5/30/15.

(5)Released by Atlanta on 5/13/16...Signed by Toronto as a minor league free agent on 5/27/16.

(6) Granted free agency on 11/7/16... Signed by Oakland as a minor league free agent on 11/21/16.

(7)Granted free agency on 10/13/17...Signed by Pittsburgh as a minor league free agent on 1/22/18.

WORLD BA	SEBAL	L C	LASS	SIC S	TA	ris'	TIC	S											
YEAR CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	вв	so	SB	cs	ОВР	SLG	E
2017 Israel	.444	6	18	2	8	2	0	1	6	0	0	0	1	1	0	0	.565	.722	0
WBC Totals	.444	6	18	2	8	2	0	1	6	0	0	0	1	1	0	0	.565	.722	0

LAVARNWAY HIGHLIGHTS

MOST HR/GAME: 2 HR, 9/27/11 at Baltimore.

MOST HITS/GAME: 2 hits (18 times), last on 10/4/15 vs. St. Louis.

MOST RBI/GAME: 4 RBI (twice), 9/14/12 at Toronto & 9/27/11 at Baltimore.

MOST RUNS/GAME: 2 runs (twice), 9/4/13 vs. Detroit & 9/27/11 at Baltimore.

LONGEST HITTING STREAK: Career: 9 games (2013).

MOST RECENT LOSING STREAKS

September 12 thru September 19	2017	7 games
August 29 thru September 6	2016	8 games
July 29 thru August 7	2011	10 games
June 6 thru June 18	2010	12 games
June 15 thru June 28	2006	13 games *
August 12 thru September 2	1890	23 games **
		* club record since 1900

DAMIEN MAGNIFICO

RIGHT-HANDED PITCHER • @Mags 32

AGE: 26 (turns 27 on May 24) BORN: 5/24/91 in Dallas, TX RESIDES: Norman, OK

HEIGHT/WEIGHT: 6-1/205

BATS/THROWS: S/R M.L. SERVICE: 33 days

OBTAINED: Selected off Los Angeles' Mobile roster in Triple-A phase of minor league Rule Five Draft on 12/14/17



- 2016 Pacific Coast League All-Star (mid-season).
- · 2015 Southern League All-Star (mid-season).
- Named to 2015 Arizona Fall League Rising Stars team.
- 2014 Florida State League All-Star (mid-season).
- · 2013 Midwest League All-Star (mid-season).

LAST SEASON:

2017 SEASON: Played for five different teams with three different organizations (Milwaukee, Baltimore and the Los Angeles Angels)...Attended spring training with Milwaukee before being optioned to minor league camp on 3/13...Made two appearances with Colorado Springs (Brewers' AAA) before being designated for assignment on 4/9...Was traded to Baltimore on 4/13 for future considerations and optioned tp Triple-A Norfolk... Was scored upon in four of his five outings with the Tides before being desigated for assignment on 5/2...Was acquired by the

Angels organization on 5/6 and was assigned to Triple-A Salt Lake...Was recalled by Los Angeles on 6/3...Walked two batters and whiffed one in his lone big league game on 6/3 vs. Minnesota before being optioned back to Salt Lake the next day...Was assigned to Mobile (Angels' AA) for the remainder of the season on 8/12...Was selected by the Pirates in the Triple-A phase of the Rule Five Draft during the final day of the Winter Meetings on 12/14.

CAREER HIGHLIGHTS:

MISC: Has been a mid-season All-Star in four of his first six professional seasons since being selected by Milwaukee in the fifth round of the 2012 First-Year Player Draft...Was named a 2013 Midwest League mid-season All-Star while playing for Wisconsin... Captured 2014 Florida State League mid-season All-Star honors while playing for Brevard County...Led Florida State League with two shutouts in 2014 and shared league lead in complete games (two)...Worked exclusively in relief for the first time in 2015 while spending entire season with Double-A Biloxi...Led all Brewers minor leaguers with 20 saves in 2015 while also finishing third in the Southern League in that department...Pitched for the Surprise Saguaros in the Arizona Fall League following the 2015 season... Was named a 2016 Pacific Coast League All-Star while spending most of the season with Colorado Springs...Ranked fourth among Pacific Coast League pitchers in saves in 2016 and led the circuit in wild pitches...Had two separate stints with Milwaukee in 2016...

Made Major League debut (1.0in/0h/1r/1er/1bb/0so) in the first game of a doubleheader on 8/16/16 at Chicago (NL)...Tossed 1.0 scoreless inning of relief in second big league game on 8/17/16 before being optioned back to Colorado Springs on 8/19...Was recalled a second and final time on 9/6/16 and made one more appearance on 9/8 at St. Louis...Has gone 0-for-2 as a batter in his professional career.

PERSONAL: Damien Jack Magnifico....Is a 2009 graduate of North Mesquite (TX) High School...Attended Howard Junior College in 2010-11 and the University of Oklahoma in 2012... Missed the 2010 season with a stress fracture in his right elbow... Pitched for the Laconia Muskrats in the New England Collegiate Baseball League in 2011...Has served as a team barber throughout his professional career

LIFETIME PITCHING STATISTICS

YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2012	Helena	0-3	5.82	9	1	0	0	0	21.2	21	17	14	2	0	15	25	6	3
2013	Wisconsin	5-1	3.83	11	8	0	0	0	54.0	51	25	23	4	3	24	46	6	0
	Brevard County	0-2	6.08	10	10	0	0	0	26.2	32	21	18	2	3	17	17	3	0
2014	Brevard County	8-6	3.74	22	22	t 2	* 2	0	120.1	110	61	50	11	4	43	76	12	0
2015	Biloxi	4-1	1.17	42	0	0	0	20	53.2	41	10	7	3	1	22	38	2	0
2016	Colorado Springs	6-7	4.06	52	0	0	0	18	62.0	57	32	28	2	1	33	61	*16	0
	Milwaukee	0-0	6.00	3	0	0	0	0	3.0	2	2	2	0	1	3	0	2	0
2017	Colorado Springs	(1) 0-0	0.00	2	0	0	0	0	1.1	1	1	0	0	0	2	2	0	0
	Norfolk (2)	1-0	9.95	5	0	0	0	0	6.1	13	8	7	0	0	3	5	1	0
	Salt Lake	4-2	6.82	31	0	0	0	4	34.1	42	28	26	2	0	24	34	3	1
	Los Angeles - AL	0-0	0.00	1	0	0	0	0	0.1	0	0	0	0	0	2	1	0	0
	Mobile (3)	1-0	3.18	9	0	0	0	0	11.1	9	4	4	0	0	9	17	4	0
Minor	League Totals	29-22	4.07	193	41	2	2	42	391.2	377	207	177	26	12	192	321	53	4
N.L. T	otals	0-0	6.00	3	0	0	0	0	3.0	2	2	2	0	1	3	0	2	0
A.L. T	otals	0-0	0.00	1	0	0	0	0	0.1	0	0	0	0	0	2	1	0	0
Major	League Totals	0-0	5.40	4	0	0	0	0	3.1	2	2	2	0	1	5	1	2	0

(*)Led League

(t) Tied for League lead.
Selected by New York (NL) in 2009 First-Year Player Draft (5th round), but did not sign.

Selected by Milwaukee in 2012 First-Year Player Draft (5th round).

(1) Acquired by Baltimore from Milwaukee. 4/13/17, in deal for future considerations.

(2)Acquired by Los Angeles (AL) from Baltimore, 5/6/17, in deal for pitcher Jordan Kipper. (3)Selected by Pittsburgh off Los Angeles' (AL) Mobile roster in Triple-A Phase of Minor League Rule Five Draft on 12/14/17.

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ASEBALL



JASON MARTIN

OUTFIELDER • @ JM55

AGE: 22 (turns 23 on Sept. 5) BORN: 9/5/95 in Corona, CA RESIDES: Corona, CA HEIGHT/WEIGHT: 5-10/185

BATS/THROWS: L/R M.L. SERVICE: None

OBTAINED: From Houston, 1/13/18, along with pitchers Joe Musgrove & Michael Feliz and infielder Colin Moran, in deal for pitcher Gerrit Cole

AWARDS & HONORS:

- 2017 California League All-Star (mid-season).
- · Participated in 2017 MLB Futures Game in Miami.

LAST SEASON:

2017 SEASON: Hit .278 (132-for-474) with 35 doubles, 18 home runs and 66 RBI in 72 total games between Buies Creek (Astros' High-A) and Corpus Christi (Astros' AA)...Set minor league career highs in games, hits, doubles and total bases (231)...Made 82 appearances in left field, 12 in center field and five in right field while playing with the two clubs...Homered three times and knocked in five runs on 5/7 at Myrtle Beach...Was promoted to Corpus Christi and made his Double-A debut on 5/30... Had a 14-game hitting streak between 6/4-21, going 25-for-57 (.439) with theee homers, 10 RBI and a 1.230 OPS...Compiled a .360 (31-for-86) average, 14 RBI and a 1.010 OPS in 21 games during the month of June... Was named Texas League Player-ofthe-Week for the week of 7/17-23 after hitting .345 (10-for-29) with three doubles, a triple, homer and four RBI in seven games... Homered five times in an eight-game stretch between 7/15-23 (game one)...Was ranked by MLB.com as Houston's 15th-best prospect following the season.

CAREER HIGHLIGHTS:

2016: Spent entire season with Lancaster (Astros' High-A)... Led team in home runs, RBI and total bases (213)...Tied for third among the California League leaders in home runs...Also ranked sixth in slugging percentage and seventh in total bases... Set career highs in home runs, RBI and stolen bases...Made 54 appearances in center field, 26 in left field and 23 in right field... Hit .301 (22-for-73) in 18 games during the month of April...Went 5-for-5 with six RBI and four runs scored on 5/26 vs. Stockton... Was named California League Player-of-the-Week for the week of 5/23-29; hit .560 (14-for-25) with four homers, 12 RBI and a 1.697 in seven games...Homered twice on 6/5 vs. Modesto... Reached base safely in 17 consecutive games between 6/15 and 7/7, hitting .339 (20-for-59) while producing a .466 OBP and 1.161 OPS...Hit a pair of solo home runs on 7/5 vs. Visalia...Went 11-for-23 (.478) with four homers and 10 RBI in his last seven regular season games, which included a two-homer game on 8/30 vs. Rancho Cucamonga...Homered in three straight games between 8/27-31 (four homers total)...Played in 11 games with Glendale during the Arizona Fall League.

2015: Spent entire season with Quad Cities (Astros' A)...Made 83 appearances in left field and nine in center field...Played in his first game on 5/1...Went 7-for-9 with five RBI in back-to-back games on 5/18 and 5/20...Captured team Player-of-the-Month honors in June after hitting .294 wih three homers and 10 RBI in 22 games...Hit safely in eight straight games between 6/18-28. going 16-for-36 with five multi-hit efforts...Produced a .315 (51for-162) average, six home runs and 22 RBI in a 43-game stretch between 5/30 and 7/21.

2014: Hit .257 (63-for-245) with 14 doubles, seven triples, one home run, 23 RBI and 13 stolen bases in 63 minor league games... Began season with Greeneville (Astros' Rookie) and was named the team MVP...Was named Greeneville's Player-of-the-Month for July after hitting .293 (29-for-99) and producing an .848 OPS in 27 games...Had a 16-game hitting streak between 7/3-21 (24-for-61, .393) and reached safely in 22 consecutive games between 6/30 and 7/25... Was promoted to Tri-City on 8/9 and finished the season in the New York-Penn League...Hit his first professional home run on 8/12 vs. Hudson Valley...Made 63 of his 64 defensive appearances with the two teams in center field; also made one appearance in left field while playing with Tri-City on 8/28.

2013: Was selected by Houston in the eighth round of the First-Year Player Draft and made professional debut with the GCL Astros...Tied for fourth among league leaders in runs scored... Made 48 appearances in center field and one in right field (on 8/20)...Reached base safely in 19 straight games and produced a .368 on-base percentage between 6/22 and 7/17 after going 0-for-5 in his pro debut on 6/21.

MISC: Has made 194 appearances in left field, 193 in center field and five in right field during his minor league career.

PERSONAL: Jason Martin...Is a 2013 graduate of Orange (CA) Lutheran High School.

LIF	ETIME BA	TTIN	G S	TATI	STIC	S														
YEAR	CLUB	AVG	G	АВ	R	н	2B	3B	HR	RBI	SH	SF	HP	вв	so	SB	cs	ОВР	SLG	E
2013	GCL Astros	.251	50	179	35	45	8	4	0	17	4	1	1	29	31	11	7	.357	.341	1
2014	Greenville	.274	42	164	32	45	11	6	0	21	2	2	0	24	30	8	6	.363	.415	1
	Tri-City	.222	21	81	7	18	3	1	1	2	2	0	0	7	13	5	3	.284	.321	0
2015	Quad Cities	.270	105	396	65	107	12	7	8	57	12	4	1	47	74	14	15	.346	.396	2
2016	Lancaster	.270	110	400	74	108	22	7	23	75	0	5	2	55	108	20	12	.357	.533	4
2017	Buies Creek	.287	46	174	34	50	11	2	7	29	0	4	0	20	42	9	5	.354	.494	1
	Corpus Christi	(1).273	79	300	38	82	24	3	11	37	0	0	1	19	82	7	6	.319	.483	1
Minor	League Totals	.269	453	1694	285	455	91	30	50	238	20	16	5	201	380	74	54	.345	.446	10

Selected by houston in 2013 First-Year Player Draft (8th round).

(1)Acquired by Pittsburgh from Houston, 1/13/18, along with pitchers Michael Feliz & Joe Musgrove and infielder Colin Moran, in deal for pitcher Gerrit Cole.

BASEBALL

AGE: 27

BORN: 11/19/90 in Hamilton, OH **RESIDES:** Hamilton, OH HEIGHT/WEIGHT: 6-0/225

BATS/THROWS: R/R M.L. SERVICE: None

OBTAINED: Pittsburgh's 19th round selection

in 2013 First-Year Player Draft



2017 SEASON: Spent first season at the Triple-A level and finished tied for second on Indianapolis' staff in appearances... Made 39 of his 40 appearances out of the bullpen...Was charged with his only loss (1.2ip/1r) on 4/18 vs. Durham...Earned wins in back-to-back appearances on 5/2 vs. Toledo and 5/7 at Columbus...Made his first professional start in game two of a doubleheader vs. Toledo on 5/19 and allowed one run in 4.0

innings of work in a no-decision...Went 2-0 with a 2.16 ERA (16.2ip/4er) in eight appearances (one start) during the month of May...Recorded his third and final win on 7/30 vs. Pawtucket... Was charged with eight runs (4er) in 0.2ip on 8/3 at Columbus... Picked up his only save on 8/24 vs. Louisville...Did not allow a run over his final four outings (9.0ip).

CAREER HIGHLIGHTS:

MISC: Made his professional debut with Jamestown of the New York-Penn League in 2013 after being drafted by the Pirates earlier in the summer...Tied for the New York-Penn League lead in saves and appearances in 2013...Converted 10 of his 11 save opportunities with Jamestown while also allowing one unearned run over his final nine appearances (9.1ip) in 2013...Finished tied for fifth among Pirates farmhands in appearances in 2015 while splitting the year between Bradenton and Altoona...Pitched for the Glendale Desert Dogs during the 2015 Arizona Fall League... Ranked fourth among Pittsburgh minor league pitchers in appearances in 2016 while spending entire season with Altoona... Recorded his second save of the 2016 season on 9/5 at Richmond to clinch Altoona's playoff berth in the regular season finale.

PERSONAL: Brett Robert McKinney...Wife's name is Ashley... Is a 2009 graduate of Father Stephen T. Badin High School in Hamilton, OH...Was named the 2009 Division III Player-of-the-Year in Ohio and was the Cincinnati Greater Catholic League MVP in 2008 and 2009...Attended the same high school as former Pirates relief pitcher Kent Tekulve...Played collegiately at Ohio State University, where he went 4-4 with one save, a 2.98 ERA and 58 strikeouts in 26 games (three starts) as a senior in 2013... His father, Chuck, played in the Cincinnati Reds organization from 1978-1980...Signed by Pirates scout Anthony Wycklendt.

LIF	ETIME PIT	CHING	STA	TIS'	TIC:	5												
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2013	Jamestown	1-0	3.45	t 23	0	0	0	t 10	28.2	27	12	11	5	0	9	27	2	0
2014	West Virginia	4-4	2.20	37	0	0	0	4	49.0	36	14	12	6	2	20	48	6	0
	Bradenton	0-0	0.00	1	0	0	0	0	1.0	0	0	0	0	0	0	0	0	0
2015	Bradenton	0-2	3.42	20	0	0	0	9	23.2	22	9	9	2	3	7	23	1	0
	Altoona	0-3	7.50	24	0	0	0	1	30.0	42	26	25	5	0	14	31	5	0
2016	Altoona	2-2	3.90	44	0	0	0	2	67.0	67	32	29	3	4	27	65	6	0
2017	Indianapolis	3-1	3.47	40	1	0	0	1	62.1	58	30	24	7	0	26	56	6	0
Minor	League Totals	10-12	3.78	189	1	0	0	27	261.2	252	123	110	28	9	103	250	26	0

(t)Tied for League Lead Selected by Pittsburgh in 2013 First-Year Player Draft (19th round).

ROSTER PLAYERS WHO HAVE MADE OPENING DAY ROSTER

None
Cole Figueroa (INF), Matt Joyce (OF), Cory Luebke (LHP)2016
None
Travis Ishikawa (INF)
Brandon Inge (INF), Jonathan Sanchez (P)2013
Juan Cruz (P)
Jose Veras (P)
DJ Carrasco (P), Jack Taschner (P)
Craig Monroe (OF)
Doug Mientkiewicz (INF), Luis Rivas (INF)
Don Kelly (INF/OF), John Wasdin (P)

Jose Hernandez (INF)	6
Rick White (P)	5
Jose Mesa (P)	4
Jeff D'Amico (P), Dennys Reyes (P), Julian Tavarez (P) 200	3
Ron Villone (P)	2
John Wehner (INF/OF), Marc Wilkins (P))1
Luis Sojo (INF)	0
Warren Morris (INF)	9
None	8
Francisco Cordova (P), Danny Darwin (P)199	7
Keith Osik (C), Zane Smith (P)	6

OPS

BASEBALL

HISTORY



ALEX MCRAE

RIGHT-HANDED PITCHER • @AlexMcRae2

AGE: 24 (turns 25 on April 6) BORN: 4/6/93 in West Allis, WI RESIDES: Milwaukee, WI

HEIGHT/WEIGHT: 6-2/220

BATS/THROWS: R/R M.L. SERVICE: None

OBTAINED: Pittsburgh's 10th round selection in 2014 First-Year Player Draft

AWARDS & HONORS:

• 2017 Eastern League All-Star (mid-season).

LAST SEASON:

2017 SEASON: Spent entire season with Eastern League champion Double-A Altoona, where he was named the team's co-Pitcher-of-the-Year along with Austin Coley...Was named to the Eastern League mid-season All-Star team...Ranked fourth among league leaders in innings pitched, fifth in fewest walks per 9.0ip among starting pitchers (2.09) and 10th in ERA...Tied for the organizational lead in wins...Finished tied for the Altoona team lead in wins and tied for fifth in the Eastern League in the same category...Was Altoona's Opening Day starter on 4/7 at Harrisburg and struck out a career-high nine batters over 5.0 innings; became the first starting pitcher to pick up a win on Opening Day since Mike Crotta in 2010...Pitched 6.0 shutout innings in his second start on 4/12 at Richmond...Connected off Harrisburg's Jaron Long for his first career home run on 4/30 at Peoples Natural Grass Field...Went 3-0 with a 1.96 ERA (36.2ip/8er) over his first six starts from 4/7 to 5/8...Recorded one out and allowed six runs on 5/19 vs. Erie; came away with a no-decision after the Curve rallied from a 7-0 deficit to win 11-10... Tossed 7.0 scoreless innings of a 2-0 shutout while earning his fourth win on 6/3 at Bowie...Matched a team record after allowing 14 hits on 6/9 vs. Richmond while surrendering a season-worst eight runs (seven earned) over 5.1 innings...Tossed second career complete game (8.0ip/2r), but lost a 2-1 decision at Bowie on 6/26...Allowed two singles in a scoreless inning of work at the Eastern League All-Star Game on 7/12 at New Hampshire...Matched career high with 8.0 innings pitched on 7/25; allowed one run in the first inning before sitting down the last 21 batters he faced in order with eight strikeouts...Made first relief appearance of the season on 8/6 at Trenton and pitched 2.0 scoreless innings after a scheduled skip through through the rotation...Made second relief outing (fourth career) on 8/16 at Portland...Went 2-for-19 with a solo home run at the plate...Made start in Game Two of the Division Series on 9/8 at Bowie and allowed four runs over 6.0 innings while earning the win.

CAREER HIGHLIGHTS:

MISC: Made professional debut in 2014 with Jamestown, where he finished tied for the New York-Penn League lead in starts... Started and tossed 2.1 scoreless innings in his professional debut on 6/16/14 vs. Mahoning Valley...Spent entire 2015 campaign with West Virginia, where he finished tied for the South Atlantic League lead in starts...Tied for third among Pittsburgh minor leaguers in wins in 2016 after going a combined 11-10 with a 3.88 ERA (155.1ip/67er) between Single-A Bradenton and Altoona... Tossed first career complete game (7.0ip/4r) in the second game of a doubleheader on 8/17/16 at Portland...Has gone 3-for-35 with a home run and three RBI as a batter in his minor league career...Connected for his first career home run on 4/30/17 off Harrisburg's Jaron Long at Peoples Natural Grass Field in Altoona.

PERSONAL: Alexander James McRae...Wife's name is Julia... Played baseball at Jacksonville (FL) University, where he was rated as the fourth-best prospect in the Atlantic Sun Conference by Baseball America at the beginning of the 2014 season...Was the 17th player in Jacksonvile University history to be selected in the top 10 rounds of the draft...Played third base and first base, while also pitching and serving as the designated hitter as a freshman in 2012...Was named to the Atlantic Sun's all-freshman team...Signed by Pirates scout Darren Mazeroski.

LIF	ETIME PIT	CHING	STA	TIS	TIC:	5												
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2014	Jamestown	3-6	6.21	15	t15	0	0	0	66.2	85	48	46	5	4	16	44	3	0
2015	West Virginia	8-9	4.98	28	t27	0	0	0	137.1	159	83	76	9	12	33	90	5	0
2016	Bradenton	3-4	2.69	12	12	0	0	0	67.0	62	23	20	4	3	17	35	1	0
	Altoona	8-6	4.79	16	15	1	0	0	88.1	114	54	47	7	1	25	67	2	0
2017	Altoona	10-5	3.61	27	25	1	0	0	149.2	170	71	60	9	6	36	89	11	0
Minor	League Totals	32-30	4.40	98	94	2	0	0	509.0	590	279	249	34	26	127	325	22	0

(t)Tied for League Lead

Selected by Pittsburgh in 2014 First-Year Player Draft (10th round).

REVIEW

DANIEL NAVA

OUTFIELDER • @dnavs33

AGE: 35

BORN: 2/22/83 in Redwood City, CA

RESIDES: Phoenix, AZ
HEIGHT/WEIGHT: 5-10/195

BATS/THROWS: S/L

M.L. SERVICE: 6 years, 24 days

OBTAINED: Signed as a minor league free

agent on 2/5/18



AWARDS & HONORS:

2016 Florida State League All-Star (mid-season).

LAST SEASO

2017 SEASON: Season was limited to 80 games with the Phillies due to four separate stints on the disabled list; two with a left hamstring strain (5/23-6/1 & 7/23-8/1) and two with a lower back strain (8/12-24 & 9/13-end of the season)...Made 32 starts in left field, five in right field, one at first base (4/7) and one as the designated hitter...Reached base safely in 35 of his 39 starts (.395 OBP), including each of his first 17...Hit two home runs in

his first game with Philadelphia on 4/6 at Cincinnati (first career two-homer game)...Tied his career high (seventh time) with four hits on 7/19 at Miami...Hit. 321 (9-for-28) with four RBI, two walks and an HBP as a pinch hitter (.394 OBP)...Hit .341 (46-for-135) with homers against RHP and .188 (9-for-48) with one homer against LHP.

CAREER HIGHLIGHTS:

MISC: Has made 322 appearances (263 starts) in left field, 187 appearances (141 starts) in right field and 53 appearances (24 starts) at first base during his Major League career...Made his only career appearance/start in center field while playing with Boston on 7/8/13 at Seattle...Switch hitter has produced a .281 average and 23 home runs against RHP and a .211 average with six homers against LHP...Was signed by Boston as a non-drafted free agent on 1/17/08 after playing with the Chico Outlaws in the independent Golden Baseball League in 2007...Hit .371 with 12 homers and 59 RBI in 72 games with Chico and was named MVP while leading the Outlaws to the league championship... Captured the California League batting title after hitting .341 with Lancaster in 2008; also led the league in OPS (.948) and ranked second in OBP (.424)...Led all Boston minor league players with a .352 batting average and .458 OBP in 61 games in 2009; missed over two months at the start of the '09 season due to an oblique strain...Made Major League debut with Boston on 6/12/10 vs. Philadelphia and hit a grand slam off Joe Blanton in his first plate appearance...Became the fourth player in MLB history to hit a grand slam in his first big league plate appearance, joining Florida's Jeremy Hermida on 8/31/05 vs. St. Louis, Cleveland's Kevin Kouzmanoff on 9/2/06 at Texas and Philadelphia's Bill Duggleby on 4/21/1898 vs. New York Giants... Joined Kouzmanoff as the only two players to accomplish the feat on the first pith they saw in the Major Leagues...Reached base safely in each of his first 12 games with the Red Sox; the longest such streak by a Boston player since Mo Vaughn in 1991 (also 12 games)...Made all 44 starts in left field in 2010... Spent entire 2011 season with Triple-A Pawtucket and led the club in OBP (.372) and runs scored (69)...Reached base safely in 34 straight games between 5/26 and 7.5, the longest streak among International League players in 2011...Served as Boston's leadoff batter for 25 games in 2012...Missed 38 days of the 2012 campaign due to two separate stints on the D.L. with a left wrist sprain (7/29-8/20 and 8/25-9/8)...Spent entire 2013 season in the Majors with Boston and set career highs in every offensive category...Ranked second among A.L. leaders in HBP, fifth in

OBP and eighth in batting...His .831 OPS ranked third among American League outfielders behind Mike Trout (.988) and Jose Bautista (.856)...Led all Major League switch-hitters in OBP and ranked second in OPS...Made 69 appearances in right field, 63 in left field, 19 at first base and one in center field for the Red Sox in 2013...Reached base safely in 41 consecutive starts between 6/22 and 9/6/13...Homered in a career-high three straight games between 4/7-10/13...Led all Major League players with a .356 average (47-for-132) from 8/1 thru the end of the 2013 season... Made nine appearances in the postseason with Boston in 2013, including three starts in the World Series against St. Louis...Had a career-best nine-game hitting streak with the Red Sox in 2014 between 9/14-24...Connected off Aaron Crow for his second big league grand slam on 9/14/14 at Kansas City...Began 2015 season with Boston; was on the disabled list between 5/26 and 7/20 with a left thumb strain...Was claimed off waivers by Tampa Bay on 8/5/15 and finished the season with the Rays...Played 34 games in right field, 13 at first base and 12 in left field between Boston and Tampa Bay...Began 2016 season with Los Angeles (AL) and appeared in 45 big league games; was on the D.L. from 4/16 to 5/5 with left patella tendinitis and from 5/17 to 6/16 with a strained lief groin...Was acquired by Kansas City on 8/29/16 and appeared in nine games with the Royals during the month of September.

PERSONAL: Daniel James Nava (pronounced "NAH-vah")... Wife's name is Rachel...Has two children; daughter Faith (8/5/13) and son Zeke (9/2/16)...Is a 2001 graduate of St. Francis High School in Mountian View, CA....Attended the College of San Mateo (CA) and Santa Clara University...Led the West Coast Conference in batting average (.395) and OBP (.495) and posted a 1.000 fielding pct. in 54 games as a senior in 2006.

MOST RUNS ALLOWED IN A GAME

THE LAST TIME THE PIRATES GAVE UP AS MANY AS...

<u>RUNS</u>	DATE	<u>OPPONENT</u>	SCORE
10+ (17)	August 30, 2017	at Chicago Cubs	LOST 17-3
18+ (20)	April 22, 2010	vs. Milwaukee Brewers	LOST 20-0
21	May 25, 1954	at New York Giants	LOST 21-4
22+ (23)	July 10, 1943	at Brooklyn Dodgers	LOST 23-6
24+ (28-club record	d) August 28, 1897	vs. Boston Beaneaters	LOST 28-14

WORST SHUTOUT LOSS: 20-0 vs. Milwaukee Brewers on April 22, 2010

									_											
YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	BB	so	SB	CS	OBP	SLG	E
2007	Chico	.371	72	256	70	95	23	3	12	59	0	4	8	48	42	18	2	.475	.625	5
2008	Lancaster	*.341	85	323	54	110	27	1	10	59	2	4	7	43	70	4	3	.424	.523	5
2009	Salem	.339	29	109	18	37	12	1	1	13	1	1	1	18	21	0	2	.434	.495	2
	Portland	.364	32	118	25	43	10	1	4	23	0	0	1	25	12	0	0	.479	.568	2
2010	Pawtucket	.289	77	284	41	82	16	1	10	48	0	2	11	28	64	4	2	.372	.458	1
	Boston	.242	60	161	23	39	14	1	1	26	0	0	8	19	46	1	1	.351	.360	0
2011	Pawtucket	.268	121	441	69	118	27	2	10	48	1	4	6	70	88	10	3	.372	.406	1
2012	Pawtucket	.313	29	99	20	31	7	1	4	18	0	1	4	16	15	1	1	.425	.525	0
	Boston	.243	88	267	38	65	21	0	6	33	2	2	9	37	63	3	0	.352	.390	5
2013	Boston	.303	134	458	77	139	29	0	12	66	4	8	15	51	93	0	2	.385	.445	4
2014	Boston	.270	113	363	41	98	21	0	4	37	0	2	10	33	81	4	2	.346	.361	4
	Pawtucket	.253	24	83	12	21	3	0	3	14	0	2	1	12	21	2	1	.347	.398	0
2015	Boston (1)	.152	29	66	6	10	2	0	0	7	1	1	2	8	17	0	0	.260	.182	0
	Pawtucket (#)	.250	10	36	4	9	1	0	1	8	0	0	2	4	11	2	0	.357	.361	1
	Tampa Bay (2)	.233	31	73	7	17	2	0	1	3	0	0	3	12	19	1	0	.364	.301	1
2016	Los Angeles - AL (3	3).235	45	119	10	28	5	0	1	13	0	3	5	9	26	0	0	.309	.303	0
	Inland Empire (#).091	4	11	1	1	0	0	0	0	0	0	0	2	1	0	0	.231	.091	0
	Salt Lake	.365	22	85	5	31	6	0	1	13	0	0	1	6	10	1	1	.413	.471	0
	Omaha	.143	3	7	1	1	1	0	0	0	0	0	1	3	1	0	0	.455	.286	1
	Kansas City (4)	.091	9	11	1	1	1	0	0	0	0	0	0	1	4	0	0	.167	.182	0
2017	Philadelphia (5)	.301	80	183	21	55	8	1	4	21	0	2	3	26	38	1	0	.393	.421	1
	Lehigh Valley (#)1.000	1	2	1	2	1	0	0	1	0	0	0	1	0	0	0	1.000	1.500	0
	Reading (#)	.250	1	4	1	1	0	0	0	0	0	0	0	0	0	0	0	.250	.250	0
Minor	League Totals	.304	438	1602	252	487	111	7	44	245	4	14	35	228	314	24	13	.399	.464	13
Indep	endent Totals	.371	72	256	70	95	23	3	12	59	0	4	8	48	42	18	2	.475	.625	5
N.L. T	otals	.301	80	183	21	55	8	1	4	21	0	2	3	26	38	1	0	.393	.421	1
A.L. T	otals	.262	509	1518	203	397	95	1	25	185	7	16	52	170	349	9	5	.353	.375	11
Major	League Totals	.266	589	1701	224	452	103	2	29	206	7	18	55	196	387	10	5	.357	.380	12

(*)Led League (#)Injury Rehab Assignment
Signed by Boston as a non-drafted free agent on 1/17/08.
(1)Claimed off waivers by Tampa Bay from Boston on 8/5/15.
(2)Granted free agency on 11/25/15....Signed by Los Angeles (AL) as a free agent on 12/16/15.
(3)Acquired by Kansas City from Los Angeles (AL), 8/29/16, in deal for cash considerations.
(4)Granted free agency on 11/9/16...Signed by Pittsburgh as a minor league free agent on 12/13/16.
(5)Granted free agency on 11/2/17...Signed by Pittsburgh as a minor league free agent on 2/5/18.

				DI	VIS	101	N SE	RIE	S S1	ATI	STIC	S						
YEAR	CLUB/OPP	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	E
2013	Bos. vs. TB	.200	2	5	0	1	0	0	0	0	0	0	0	2	2	0	1	0
Divisio	n Series Totals	.200	2	5	0	1	0	0	0	0	0	0	0	2	2	0	1	0
			۸GI	IIE C	, LI V	ME	ION	ICHI	D CE	DIE	e et	ΔΤΙ	STIC	2				

		LE	4GI	UE C	HA	MP	ION	ISHI	P SE	RIE	S ST	ATIS	STIC	S				
YEAR	CLUB/OPP	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	E
2013	Bos. vs. Det.	.333	2	6	0	2	0	0	0	0	0	0	0	1	3	0	0	0
L.C.S.	Totals	.333	2	6	0	2	0	0	0	0	0	0	0	1	3	0	0	0

				V	VOF	RLD	SE	सा≢ः	ST	ATIS	TICS	5						
YEAR	CLUB/OPP	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	E
2013	Bos. vs. StL.	.143	5	14	1	2	1	0	0	2	0	0	0	0	4	0	0	0
World	Series Totals	.143	5	14	1	2	1	0	0	2	0	0	0	0	4	0	0	0

NAVA HIGHLIGHTS

MOST HR/GAME: 2 HR, 4/6/17 at Cincinnati.

MOST HITS/GAME: 4 hits (7 times), last on 7/19/17 at Miami.

MOST RBI/GAME: 4 RBI (3 times), 9/14/14 at Kansas City, 6/1/13 at New York (AL) & 6/12/10 vs. Philadelphia.

MOST RUNS/GAME: 4 runs, 6/4/13 vs. Texas.

LONGEST HITTING STREAK: 2017: 5 games Career: 9 games (2014)

GENERAL

KEVIN NEWMAN

INFIELDER • @OfficialKBN

AGE: 24 (turns 25 on August 4)
BORN: 8/4/93 in Poway, CA
RESIDES: Poway, CA

HEIGHT/WEIGHT: 6-1/180

BATS/THROWS: R/R M.L. SERVICE: None

OBTAINED: Pittsburgh's 1st round selection (19th overall) in 2015 First-Year Player Draft

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AWARDS & HONORS:

2016 Florida State League All-Star (mid-season).

LAST SEASO

2017 SEASON: Entered season ranked by Baseball America as Pittsburgh's fifth-best prospect and as the "Best Hitter for Average" in the Pirates minor league system...Hit. 267 (136-for-509) with 29 doubles, four triples, four home runs, 41 RBI and 65 runs scored in 122 minor league games between Double-A Altoona and Triple-A Indianapolis...Set minor league career highs in games, hits and doubles...Tied career high in runs...Ranked third in the Pirates minor league system in hits, fourth in games played, fifth in doubles and sixth in runs...Made all 119 defensive appearances at shortstop...Began season with Altoona and collected three hits in the season opener on 4/7 at Harrisburg...

Hit his first home run as part of a three-hit game on 4/25 at Erie... Hit .370 (27-for-73) over a 17-game stretch from 6/17 to 7/7, raising average from .229 to .263...Produced a .319 (37-for-116) average in his final 27 Double-A games between 6/17 and 7/10 before being promoted to Indianapolis on 7/20...Went 3-for-4 with two RBI in his Triple-A debut on 7/20 at Gwinnett...Hit safely in 32 of his 38 starts with Indy, reaching base safely in 34 of the 38...Had a 14-game hitting streak from 8/2-19 (19-for-59, 322) and hit safely in each of his last five regular season games...Went 2-for-13 with two walks and two runs in the postseason against Durham.

CAREER HIGHLIGHTS:

2016: Led all Pittsburgh minor leaguers in batting average (minimum 300 at bats) while splitting season between Single-A Bradenton and Altoona...Hit .320 (127-for-397) with 21 doubles, three triples, five home runs, 52 RBI and 65 runs scored in 102 total games between the two clubs...Began season year with Bradenton, where he was named to the Florida State League's mid-season All-Star team...Hit safely in 34 of his 41 games with Bradenton, including 13 of his 14 first games of the season (22for-54, .407)...Hit his first home run with the Marauders on 4/30 at Jupiter...Hit .360 (27-for-75) in 19 games during the month of April, .333 in May (26-for-78) and .636 (7-for-11) in June with Bradenton...Recorded first career four-hit game on 5/13 at Palm Beach....Was on the disabled list from 5/27 to 6/14 with a fractured left orbital after being hit by a pitch on 5/26...Recorded his second four-hit game on 6/15 at Clearwater...Collected a career-high five RBI on 6/16 vs. Fort Myers...Was named the Florida State League Player-of-the-Week for the week of 6/13-19 after hitting .636 (7-for-11) with a double, triple, home run and six RBI in three games...Hit safely in each of his last seven games with Bradenton before being promoted to Altoona on 6/18...Had a pair of hits and two RBI in his Double-A debut on 6/18 vs. Hartford...Scored at least one run in seven straight games from 6/27 to 7/4 and in 11 of his first 14 overall with the Curve...Produced a career-high 17-game hitting streak from 6/21 to 7/9, the seventh-longest in the Eastern League in 2016 and seventh-longest in Curve history; hit .371 during the streak with seven doubles...Went 3-for-4 and hit first career Double-A home run on 7/19 at Hartford...Matched his career-high four hits on 7/23 vs. Akron, going 4-for-4 with two RBI and two runs scored while becoming just the third Curve player to log four hits in a game in 2016...Scored 28 runs in his first 30 games from 6/18 to 7/23...Produced a .333 average during the month of July...Hit .310 (48-for-155) in 39 games batting leadoff for Altoona...Hit .538 (7-for-13) with three doubles, three RBI, a walk and three runs scored in three postseason games (the .538 average led the Eastern League)...Went 2-for-5 with an RBI-double and two runs scored in Game One of the Eastern League Division Series on 9/7 vs. Akron...Went 2-for-3 with a double, walk and run scored in Game Two of the Division Series and 3-for-5 with a triple and two-run double in Game Three of the Division Series on 9/9 at Akron...Was ranked as the third-best prospect in the Florida State League by Baseball America following the season.

2015: Hit .257 (66-for-257) with 14 doubles, two triples, two home runs, 17 RBI and 39 runs scored in 61 games during his first professional season...Made his pro debut with the West Virginia Black Bears on 6/19 vs. Mahoning Valley and recorded first career hit...Hit safely in eight straight games from 7/13-20...Hit first professional home run on 7/17 off State College's Dailyn Martinez...Swiped three bases on 7/22 vs. Brooklyn...Was promoted to West Virginia Power on 8/10 and recorded hits in his first two games...Hit safely in seven of his final eight games... Went 2-for-10 with a pair of walks in three games during the South Atlantic League playoffs.

PERSONAL: Kevin Bradley Newman...Wife's name is Shayne Marie...Is a 2013 graduate of Poway (CA) High School, where he was named the team MVP during his senior season...Was a threetime Pac-12 Conference honoree in his career at the University of Arizona and was a two-time Pac-12 Defensive team selection...Hit .337, recorded 227 hits, scored 132 runs and had 112 RBI in three years with the Wildcats...Was also one of two freshmen named a quarterfinalist for the Brooks Wallace Award for the best college shortstop in 2013...Was named to the Pac-12 all-conference team and Pac-12 all-defensive team while hitting .304 in 55 games as a sophomore...Earned Louisville Slugger Freshman All-America honors and was named to the Pac-12 All-Conference team in 2013...Took home back-to-back batting titles in the Cape Cod League after hitting .375 in 2013 and .380 in 2014 (became the first freshman to win the batting title in 2013)... Was named a firstteam Pac-12 selection in 2015 after hitting .370 (84-for-227) with 19 doubles, one triple, two home runs, 36 RBI and 22 stolen bases in 55 games with the University of Arizona...Was also named to the 2015 USA Baseball Golden SpikesWatch List, a second-team Louisville Slugger pre-season All-American and a Perfect Game pre-season third-team All-American...Was a starting shortstop for all 165 games in his career with Arizona...Was the 16th player in University of Arizona history to be selected in the first round of the draft and the highest drafted Wildcat since Trevor Crowe in 2004 (14th overall)...Was rated by Baseball America as the 29th-best prospect in the draft...His mother, Elizabeth, was a professional skier...His father, John, and sister, Regan, both played tennis at Northern Arizona University...Was roommates at Arizona with 2015 Phillies second round draft pick Scott Kingery and fellow All-American Bobby Dalbec...Signed by Pirates scout Derrick Van Dusen.

LIFETIME BATTING STATISTICS

YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	ОВР	SLG	E
2015	Morgantown	.226	38	159	25	36	10	1	2	9	2	0	2	10	22	7	1	.281	.340	6
	West Virginia	.306	23	98	14	30	4	1	0	8	1	0	2	9	8	6	1	.376	.367	5
2016	Bradenton	.366	41	164	24	60	10	1	3	24	2	3	3	17	12	4	1	.428	.494	6
	Altoona	.288	61	233	41	67	11	2	2	28	2	4	3	26	24	6	3	.361	.378	2
2017	Altoona	.259	82	343	42	89	18	2	4	30	3	2	4	22	40	4	2	.310	.359	7
	Indianapolis	.283	40	166	23	47	11	2	0	11	3	1	1	7	22	7	1	.314	.373	2
Minor	League Totals	.283	285	1163	169	329	64	9	11	110	13	10	15	91	128	34	9	.340	.382	28



PABLO REYES

INFIELDER

AGE: 24 (turns 25 on Sept. 5) BORN: 9/5/93 in Santo Domingo, D.R. RESIDES: Santo Domingo, D.R.

HEIGHT/WEIGHT: 5-8/170

BATS/THROWS: R/R M.L. SERVICE: None

OBTAINED: Signed as a non-drafted

free agent on 4/5/12

LAST SEASON:

2017 SEASON: Spent entire season with Double-A Altoona... Led the team in stolen bases and tied for fifth in the Eastern League in that department...Also finished tied for seventh among Pirates minor leaguers in runs scored and 10th in hits and home runs...Hit first Double-A home run on 4/8 at Harrisburg (game two)...Recorded four hits, including a double and an RBI on 5/9...Hit safely in a season-high 11 straight games from 5/9-23...Went 3-for-6 with a double, two homers and three RBI on 7/15 vs. Bowie; his second blast was a walkoff homer in the 13th inning...Homered three times over the course of two games on 7/15 and 7/17...Hit .360 (18-for-50) with four homers and 11 RBI over 13 games between 7/2-18...Batted .342 (27-for-79) with five doubles, a triple, homer and seven RRI in a 23-game stretch from 7/29 to 8/20 to raise average from .265 to .283...Hit a solo home run in series-clinching win in Game Three of the Western Division Series on 9/9 vs. Bowie.

REER HIGHLIGHTS:

MISC: Has posted double-digit totals in stolen bases in five of his first six professional seasons...Has made 269 appearances at second base, 138 at shortstop, 36 in center field and one at third base (7/9/16) in his professional career...Made professional debut in 2012 for each of Pittsburgh's two entries in the Dominican Summer League...Hit a career-high 12 home runs in 2015 while spending entire season with the West Virginia Power...Led all South Atlantic League second basemen in games (103), total chances (448), putouts (187) and assists (249) in 2015...Finished fourth among Pirates minor leaguers in stolen bases in 2015... Spent entire 2016 season with Bradenton as a utility player, where he made his only professional appearance at third base while also seeing his first action as an outfielder.

PERSONAL: Pablo Israel Reyes...His younger brother Samuel signed with the Pirates as a non-drafted free agent on 7/2/16... Signed by Pirates scouts Rene Gayo and Juan Mercado.

13 204 244 99 48 .355

.408

LIF	ETIME BA	TTIN	G S	TATI	STIC	S														
YEAR	CLUB	AVG	G	АВ	R	н	2B	3B	HR	RBI	SH	SF	HP	вв	so	SB	cs	ОВР	SLG	E
2012	DSL Pirates 2	.293	42	123	24	36	11	0	1	15	5	1	0	15	7	15	5	.367	.407	9
	DSL Pirates 1	.267	17	60	9	16	7	0	0	8	1	0	2	8	5	3	2	.371	.383	5
2013	DSL Pirates 1	.304	52	184	27	56	8	3	3	28	4	3	0	23	21	15	4	.376	.429	12
2014	Bristol	.272	46	180	30	49	9	1	2	16	1	2	3	25	31	5	5	.367	.367	8
2015	West Virginia	.268	108	388	61	104	24	3	12	60	18	5	3	45	63	27	10	.345	.438	12
2016	Bradenton	.265	89	306	41	81	20	1	5	45	6	5	1	37	47	13	8	.341	.386	10
2017	Altoona	.274	115	420	62	115	21	3	10	50	5	3	4	51	70	21	t 14	.356	.410	6

11 33 222 40 19

Minor League Totals

(t)Tied for League Lead Signed by Pittsburgh as a non-drafted free agent on 4/5/12.

469 1661 254

PIRATES HITTING THREE CONSECUTIVE HOME RUNS IN ONE INNING

457 100

DATE	INNING	OPPONENT	PLAYERS
June 10, 1935	8th	Cincinnati	Paul Waner, Arky Vaughan, Pep Young
September 27, 1952	7th	at Cincinnati	Ralph Kiner, Joe Garagiola, Gus Bell
July 6, 1955	1st	Brooklyn	Jerry Lynch, Frank Thomas, Dale Long
April 21, 1957 (GM 1)	1st	at Brooklyn	Frank Thomas, Paul Smith, Dick Groat
May 7, 1958	5th	at San Francisco	Bob Skinner, Ted Kluszewski, Frank Thomas
August 1, 1970	7th	at Atlanta	Bob Robertson, Willie Stargell, Jose Pagan
August 8, 1995	2nd	at San Francisco	Orlando Merced, Jeff King, Midre Cummings
August 20, 2003	5th	at St. Louis	Jason Kendall, Brian Giles, Reggie Sanders
September 13, 2013	4th	vs. Chicago	Pedro Alvarez, Russell Martin, Garrett Jones
May 24, 2017	9th	at Atlanta	David Freese, Jose Osuna, Jordy Mercer

BRYAN REYNOLDS

OUTFIELDER

AGE: 23

BORN: 1/27/95 in Baltimore, MD **RESIDES:** Brentwood, TN HEIGHT/WEIGHT: 6-3/205

BATS/THROWS: S/R

M.L. SERVICE: None

OBTAINED: From San Francisco, 1/15/18, along with pitcher Kyle Crick, in deal for

outfielder Andrew McCutchen

- 2017 California League All-Star (mid-season).
- Participated in 2017 MLB Futures Game in Miami.

AST SEASON:

2017 SEASON: Spent entire season with San Jose (Giants' High-A), where he led the team in batting, total bases (227) and OPS (.826)...Was named to the California League mid-season All-Star team...Participated in the MLB Futures Game in Miami... Was also named an organizational All-Star by MiLB...Made 50 appearances (48 starts) in center field, 42 appearances (41 starts) in right field and 19 starts in left field...Produced a .365 (42-for-115) average and two home runs against left-handed pitchers: hit .295 (111-for-376) with eight homers against righthanders...Hit

.340 (34-for-100) in May, .322 (29-for-90) in June and .337 (32for-95) in July...Fell a double shy of hitting for the cycle while collecting a season-high five RBI on 4/23 at Stockton...Had a five-hit game on 5/21 at Modesto...Hit safely in 17 straight games between 5/20 and 6/9, going 29-for-71 (.408) with 10 RBI... Produced a .334 batting average, 54 RBI and an .888 OPS in his last 85 games, dating back to 5/21...Was ranked by MLB.com as San Francisco's No. 4 prospect and No. 5 by Baseball America following the season.

REER HIGHLIGHTS:

2016: Hit .313 (68-for-217) with 17 doubles, six home runs and 38 RBI in 56 total games between Salem-Keizer (Giants' Short Season) and August (Giants' Low-A)...Was named to Baseball America's Short-Season All-Star team at Salem-Keizer...Began season with Salem-Keizer and made professional debut on 7/1 at Eugene...Homered in back-to-back games on 7/14-15...Was named Northwest League Player-of-the-Week on 7/17 after hitting .400 (8-for-20) with two homers and seven RBI in six games between 7/11-16...Was promoted to Augusta on 8/19... Hit lone homer with the GreenJackets on 8/22 at Columbia... Hit safely in seven straight games between 8/21-27, which included a four-hit game on 8/25 vs. Greenville...Was named South Atlantic League Player-of-the-Week on 8/28 after hitting .467 (14-for-30) in seven games between 8/22-28...Made all 44 defensive appearances in center field with the two teams; 33 with Salem-Keizer and 11 with Augusta.

MISC: Switch-hitter has produced a .306 (156-for-509) average and 12 home runs against RHP and a .327 (65-for-199) average with four home runs against LHP during his minor league career... Made 94 appearances in center field, 42 in right field and 19 in left field during his two professional seasons.

PERSONAL: Bryan Patrick Reynolds...Is a 2013 graduate of Brentwood (TN) High School, where he was a teammate of Arizona Diamondbacks pitcher Robbie Ray...Was named first team All-State and District Player- of-the-Year as a senior... Played three years (2014-16) at Vanderbilt University, where he compiled a .329 average (260-for-791), 58 doubles, nine triples, 22 home runs and 160 RBI in 206 career games...Played 21 games with the Orleans Firebirds in the 2015 Cape Cod League and hit .346 (28-for-81)...Was the 59th player chosen overall in the 2016 First-Year Player Draft.

LIFETIME BATTING STATISTICS

YEAR CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	ОВР	SLG	E
2016 Salem-Keizer	.312	40	154	28	48	12	1	5	30	0	2	4	11	41	2	0	.368	.500	1
Augusta	.317	16	63	11	20	5	0	1	8	0	0	0	3	20	1	0	.348	.444	0
2017 San Jose (1)	.312	121	491	72	153	26	9	10	63	1	5	6	37	106	5	3	.364	.462	4
Minor League Totals	.312	177	708	111	221	43	10	16	101	1	7	10	51	167	8	3	.363	.469	- 5

(#)Tied for League Lead

Selected by San Francisco in 2016 First-Year Player Draft (2nd round - 59th pick overall).
(1)Acquired by Pittsburgh from San Francisco, 1/15/18, along with pitcher Kyle Crick, in deal for outfielder Andrew McCutchen.

EADING OFF 1ST INNING WITH BACK-TO-BACK HOMERS

July 6, 1945 vs. Boston - Game 1 (Peter Coscarat and Jim Russell) July 5, 1982 vs. Houston (Omar Moreno and Johnny Ray) April 17, 2011 at Cincinnati (Andrew McCutchen and Jose Tabata) September 20, 2013 vs. Cincinnati (Jose Tabata and Neil Walker)



RICHARD RODRÍGUEZ

RIGHT-HANDED PITCHER

AGF: 28

BORN: 3/4/90 in Santiago, D.R.

RESIDES: La Canela, D.R. HEIGHT/WEIGHT: 6-4/205 BATS/THROWS: R/R M.L. SERVICE: 17 days

OBTAINED: Signed as a minor league

free agent 12/5/17

LAST SEASON:

2017 SEASON: Spent entire season with Norfolk (Orioles' AAA) while also seeing first big league action as a September callup... Led the Tides in appearances while also finishing second on the club in saves...Ranked fourth among International League relievers in fewest baserunners per 9.0 innings pitched (9.49) and fifth in fewest walks per 9.0ip (2.00)...Also tied for sixth on the circuit in saves while converting 10 of his 12 opportunities... Made each of his first 12 appearances in relief before making

only start on 5/20 vs. Charlotte (3.1ip/3h/6r/5er)...Posted a 1.40 ERA (38.2ip/6er) in his last 27 appearances beginning in June Recorded each of his 10 saves between 7/1 and 8/30 Had contract selected by Baltimore on 9/1...Made four of his five appearances against the Yankees...Made Major League debut on 9/2 vs. Toronto (1.0ip/3h/4r)...Made final appearance on 9/16 before being designated for assignment on 9/17...Played for Aguilas Cibaenas during the Dominican Winter League.

REER HIGHLIGHTS:

MISC: Has recorded a 2.84 ERA (339.2ip/107er) in 203 career relief appearances and a 4.24 ERA (57.1ip/27er) in 15 career starts at the minor league level...Made his professional debut with the Dominican Summer League Astros in 2010 after being signed as a non-drafted free agent earlier in the year...Worked exclusively in relief between 2013 and 2015 before making two starts in 48 appearances with Triple-A Norfolk in 2016...Was acquired by Baltimore from Houston on 6/25/15 in exchange for

cash considerations...Ranked first among International League relievers in 2016 in fewest baserunners (9.54) per 9.0 innings pitched and second in batting average against (.201) and fewest walks per 9.0ip (2.18).

PERSONAL: Richard Agustin Rodriguez...Enjoys fishing and cooking in his spare time...Lists Pedro Martinez as his favorite player growing up.

LIF	ETIME PITO	CHING	S STA	TIST	TICS													
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2010	DSL Astros	2-1	2.00	5	5	0	0	0	18.0	14	5	4	0	4	5	16	2	0
2011	GCL Astros	0-0	9.82	4	0	0	0	0	3.2	6	4	4	1	0	1	3	2	0
2012	Greeneville	2-1	3.90	8	6	0	0	0	32.1	27	18	14	3	2	9	37	3	0
	Lexington	0-0	3.00	1	1	0	0	0	3.0	3	1	1	0	1	1	4	0	0
2013	Quad Cities	0-1	7.33	14	0	0	0	0	23.1	29	19	19	4	0	10	18	2	0
	Tri-City	4-0	1.29	16	0	0	0	1	21.0	17	4	3	2	0	3	23	1	0
2014	Lancaster	0-0	5.06	7	0	0	0	0	10.2	10	6	6	2	0	2	16	0	0
	Corpus Christi	0-2	3.05	11	0	0	0	0	20.2	21	7	7	1	1	2	28	6	0
	Oklahoma City	2-0	3.49	16	0	0	0	0	28.1	19	11	11	3	2	6	23	0	0
2015	Fresno (1)	5-0	2.57	23	0	0	0	0	42.0	32	14	12	4	0	10	36	3	0
	Bowie	1-1	1.27	10	0	0	0	0	21.1	11	3	3	2	1	2	23	1	0
	Norfolk	1-3	3.54	13	0	0	0	0	20.1	19	12	8	2	3	10	15	4	1
2016	Norfolk	6-2	2.53	48	2	0	0	2	81.2	65	23	23	5	5	25	81	4	1
2017	Norfolk	4-4	2.42	42	1	0	0	10	70.2	56	20	19	5	3	18	80	4	0
	Baltimore (2)	0-0	14.29	5	0	0	0	0	5.2	12	9	9	4	1	3	3	0	0
Minor	League Totals	27-15	3.04	218	15	0	0	13	397.0	329	147	134	34	22	104	403	32	2
Major	League Totals	0-0	14.29	5	0	0	0	0	5.2	12	9	9	4	1	3	3	0	0

Signed by Houston as a non-drafted free agent on 4/20/10.

(1)Acquired by Baltimore from Houston, 6/25/15, in deal for cash considerations. (2)Granted free agency on 11/6/17...Signed by Pittsburgh as a minor league free agent on 12/5/17.

RODRIGUEZ HIGHLIGHTS

MOST STRIKEOUTS: 1 K (3 times), 9/16/17 at New York (AL), 9/7/17 vs. New York (AL) & 9/4/17 vs. New York (AL).

MOST INNINGS PITCHED: 1.1 IP (twice), 9/7/17 vs. New York (AL) & 9/4/17 vs. New York (AL).

MOST WALKS: 2 BB, 9/14/17 at New York (AL). LONGEST WINNING STREAK: No Major League wins. LONGEST LOSING STREAK: No Major League losses.

CASEY SADLER

RIGHT-HANDED PITCHER • @sadler_squared

AGE: 27 (turns 28 on July 13) BORN: 7/13/90 in Stillwater, OK RESIDES: Palmetto, FL

HEIGHT/WEIGHT: 6-3/220

BATS/THROWS: R/R M.L. SERVICE: 86 days

OBTAINED: Pittsburgh's 25th round selection

in 2010 First-Year Player Draft



AWARDS & HONORS:

- 2014 International League All-Star (mid-season).
- 2013 Eastern League All-Star (mid-season).

LAST SEASON:

2017 SEASON: Went 5-4 with a 4.00 ERA (78.2ip/35er) in 26 total appearances (seven starts) between Bradenton, Altoona and Indianapolis after missing all of 2016 due to "Tommy John" surgery...Attended spring training with the Pirates as a non-roster invitee...Tossed 1.0 scoreless inning of relief in season debut on 5/15 with Bradenton; his first appearance in a game since 6/21/15 while pitching with Indianapolis...Earned each of his two wins with Bradenton in back-to-back outings on 5/18 and 5/21...Was assigned to Indianapolis on 6/5 and struck out each of the three

batters he faced in first appearance with the Indians on 6/6... Made eight appearances with Indy before being transferred to Altoona on 7/5...Made first four appearances with the Curve out of the bullpen before moving into the starting rotation on 7/27... Tossed a complete game (9.0ip/7h/1r/lbb/7so) in final start with Altoona on 8/24; the fifth of his career and first since 5/15/15 while pitching for Indianapolis...Rejoined Indianapolis on 8/28 and made two appearances (one start) to end the season.

CAREER HIGHLIGHTS:

MISC: Missed all of 2016 after having "Tommy John" surgery performed on 11/10/15...Was placed on the Triple-A disabled list on 6/22/15 with an injured right forearm...Was seen by Dr. James Andrews on 7/23/15 and received a PRP injection in his right forearm/elbow...Was recalled by Pittsburgh on 9/1/15 and placed on the 60-day disabled list...Spent his first professional season with State College of the New York-Penn League after being selected by the Pirates earlier in the summer in the 2010 First-Year Player Draft...Ranked 10th in the Florida State League in ERA in 2012 while spending entire season with Bradenton... Was named Altoona's Pitcher-of-the-Year in 2013 while spending entire season with the Curve...Was named to the Eastern League's mid-season All-Star team in 2013 while establishing minor league career highs in wins, starts and innings pitched...Spent majority of 2014 campaign with Triple-A Indianapolis, where he matched his minor league career high in wins and posted the secondlowest WHIP (1.19) in the International League...Made his Major League debut on 5/2/14 and tossed 2.0 scoreless innings of relief vs. Toronto...Also tossed 2.0 scoreless frames in his second big league game on 5/4/14 vs. Toronto...Gave up four runs in a

Major League-high 2.2 innings of relief while suffering his first career loss on 6/10/14 vs. Chicago (NL)...Struck out at least one batter in all six of his first six Major League appearances during the 2014 season...Won his first Major League game on 4/12/15 at Milwaukee after allowing two runs in 5.0 innings in his first big league start (made the start in place of Francisco Liriano, who was on the Paternity List) - also his last appearance in a big league game....Has gone 34-22 with a 3.58 ERA (479.2ip/19ler) in 83 minor league starts and 11-9 with a 3.06 ERA (162.0ip/55er) in 80 relief appearances....Has gone 0-for-1 in one career at bat in the big leagues.

PERSONAL: Casey Scott Sadler...Wife's name is Marin...Has one daughter; Kaysen Caroline (4/18/17)...Is a 2008 graduate of Ripley (OK) High School...Also played baseball at Western Oklahoma State College, where he went 10-1 with a 3.12 ERA in 17 games (15 starts) during his sophomore season in 2010... Was ranked by Baseball America as one of the top 25 players in the state of Oklahoma prior to the 2010 Draft...Signed by Pirates scout Mike Leuzinger.

LONGEST PIRATES GAMES

LONGEST GAME, INNINGS LONGEST GAME, INNINGS, IN PITTSBURGH LONGEST GAME, INNINGS, AT PNC PARK LONGEST GAME, INNINGS, AT 3RS LONGEST OPENING DAY GAME *

LONGEST GAME WITHOUT SCORING
LONGEST 1-0 GAME WON
LONGEST 1-0 GAME LOST
LONGEST GAME, TIME
LONGEST GAME, TIME, AT PNC PARK
LONGEST GAME, TIME, AT 3RS
LONGEST GAME, TIME, 9 INNINGS

22 INNINGS, August 22, 1917 at Brooklyn (lost 6-5)
21 INNINGS, July 17, 1914 vs. New York (lost 3-1)
18 INNINGS, May 27, 2006 vs. Houston (won 8-7)
20 INNINGS, July 6, 1980 vs. Chicago (won 5-4)
14 INNINGS, April 15, 1958 at Milwaukee (won 4-3)
April 8, 1969 at St. Louis (won 6-2)

20 INNINGS, August 1, 1918 at Boston (won 2-0 in 21 inn.)

18 INNINGS, June 7, 1972 at San Diego (game 2)

14 INNINGS, June 18, 1943 vs. Cincinnati

6:39, July 26, 2011 at Atlanta (lost 4-3 in 19 inn.)

5:55, April 2, 2014 vs. Chicago (won 5-3 in 16 inn.)

5:42, August 6, 1989 vs. Chicago (won 5-4 in 18 inn.)

4:22, October 1, 2017 at Washington (won 11-8)

* Ties National League Record

LIF	ETIME PIT	CHING	STA	TIST	TIC:	5												
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2010	State College	3-0	3.00	12	1	0	0	0	24.0	30	10	8	1	0	6	21	3	0
2011	West Virginia	5-5	2.43	35	0	0	0	4	66.2	51	20	18	5	7	17	57	6	0
2012	Bradenton	4-6	3.73	32	17	0	0	2	130.1	125	63	54	7	11	35	93	4	1
2013	Altoona	11-7	3.31	23	23	1	0	0	130.1	116	54	48	11	9	42	67	2	0
	Indianapolis	0-0	4.50	1	1	0	0	0	6.0	7	3	3	1	0	1	5	0	0
2014	Indianapolis	11-4	3.03	21	21	1	0	0	124.2	124	49	42	11	4	24	77	2	1
	Pittsburgh	0-1	7.84	6	0	0	0	0	10.1	12	9	9	0	1	5	7	1	0
2015	Indianapolis	6-5	4.22	13	13	2	0	0	81.0	72	41	38	9	0	25	48	2	0
	Pittsburgh	1-0	3.60	1	1	0	0	0	5.0	4	2	2	1	0	1	5	0	0
2016							IN.	JURE	D - DID I	NOT PIT	СН							
2017	Bradenton	2-0	0.75	6	0	0	0	0	12.0	5	1	1	0	0	2	14	1	0
	Indianapolis	1-1	6.38	10	1	0	0	0	18.1	28	16	13	0	0	7	12	1	0
	Altoona	2-3	3.91	10	6	1	0	0	48.1	49	21	21	5	1	3	40	0	1
Minor	League Totals	45-31	3.45	163	83	5	0	6	641.2	607	278	246	50	32	162	434	21	3

Selected by Pittsburgh in 2010 First-Year Player Draft (25th round).

SADLER HIGHLIGHTS

Major League Totals

MOST STRIKEOUTS: Starter: 5 K's, 4/12/15 at Milwaukee Reliever: 2 K's, 5/2/14 vs. Toronto.

MOST INNINGS PITCHED: Starter: 5.0 IP, 4/12/15 at Milwaukee Reliever: 2.2 IP, 6/10/14 vs. Chicago (NL).

MOST WALKS: Starter: 1 BB, 4/12/15 at Milwaukee Reliever: 1 BB (5 times), last on 9/25/14 at Atlanta.

LONGEST SCORELESS INNINGS STREAK: 5.0 IP (5/2 to 6/6/14).

LONGEST WINNING STREAK: 1 game (4/12/15). **LONGEST LOSING STREAK:** 1 game (6/10/14).

PIRATES WITH 25 OR MORE SAVES IN A SEASON (SINCE 1969)

51	Mark Melancon (RHP)	2015
46	Mike Williams (RHP)	2002
43	Jose Mesa (RHP)	2004
40	Joel Hanrahan (RHP)	2011
36	Joel Hanrahan (RHP)	2012
34	Jim Gott (RHP)	1988
	Mark Melancon (RHP)	
33	Jason Grilli (RHP)	2013
31	Kent Tekulve (RHP)	1978 & 1979
30	Mark Melancon (RHP)	2016
	Dave Giusti (RHP)	1971
	Rich Loiselle (RHP)	
27	Matt Capps (RHP)	2009
	Jose Mesa (RHP)	2005
26	Bill Landrum (RHP)	1989
	Rich Gossage (RHP)	1977
	Dave Giusti (RHP)	1970

Mike Gonzalez holds the club record for most saves in a season by a left-handed pitcher (24 in 2006).

QUALIFICATIONS FOR A ROOKIE

A player is considered a rookie unless during the previous season or seasons he has (1) exceeded 130 at bats or 50.0 innings pitched in the Major Leagues, or (2) accumulated more than 45 days of service on the active roster of a big league club during the 25-man limit that is in effect from Opening Day thru August 31.

2017

GENERA

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BO SCHULTZ

RIGHT-HANDED PITCHER • @SchultzBo

AGE: 32 (turns 33 on Sept. 25) BORN: 9/25/85 in Dallas, TX RESIDES: Darien, IL

BATS/THROWS: R/R M.L. SERVICE: 2 years, 85 days

OBTAINED: Signed as a minor league free

agent on 1/5/18



LIFETIME

Spent entire season on Toronto disabled list, recovering from "Tommy John" surgery performed on 3/29

HIGHLIGHTS:

MISC: Made his last appearance in a big league game on 9/18/16 while pitching for Toronto...Began professional career with the Arizona League Athletics in 2008 after signing with Oakland as a non-drafted free agent earlier in the summer. Pitched for Grand Prairie of the independent American Association in 2011 after being released by Oakland on 4/26...Plaved for Salt I ake in the Arizona Fall League in 2013 and went 3-0 with a 3.09 ERA (32.0ip/11er) in seven starts...Was a member of Arizona's Opening Day roster in 2014...Tossed 1.0 scoreless inning of relief in his Major League debut on 3/23/14 against the Dodgers in the opening series of the season in Sydney, Australia...Was recalled three times by Arizona over the course of the 2014 campaign...Registered first career strikeout (Mike Leake) on 7/29/14 at Cincinnati...Began his first season (2015) in the Toronto organization as a member of Triple-A Buffalo...Was

PITCHING STATISTICS

recalled by the Blue Jays on 5/29/15 and spent remainder of 2015 season in the big leagues...Did not allow a run in eight of his first nine appearances with Toronto...Pitched a career-high 13.1 consecutive scoreless innings in 2015 from 6/12 to 7/2...Recorded first and only Major League save on 7/23/15 at Oakland...Had five separate stints with Toronto in 2016...Began 2016 campaign on the disabled list recovering from hip surgery...Was removed from the D.L. on 5/21/16 and optioned to Buffalo.

PERSONAL: Patrick Bowen Schultz...Wife's name is Neha...Has twin boys; Huck and Nate (12/14/16)...Graduated cum laude from Highland Park (TX) High School, where he played four years of baseball and three of football...Is a 2008 graduate of Northwestern University, where he was named an Academic All-Big Ten selection as a senior.

YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	SV	IP	н	R	ER	HR	HP	BB	SO	WP	BK
2008	Ari. Athletics	4-3	5.24	14	7	0	0	0	44.2	43	33	26	0	1	25	30	5	1
2009	Vancouver	2-3	2.66	26	0	0	0	0	44.0	29	19	13	0	4	19	48	5	0
2010	Kane County	6-1	2.87	41	0	0	0	0	75.1	57	31	24	2	10	34	65	3	2
2011	Stockton (1)	0-0	14.85	7	0	0	0	1	6.2	11	14	11	0	1	5	4	1	0
	Grand Prairie (2)	4-3	4.12	37	4	0	0	1	72.0	80	35	33	2	3	5	54	7	0
2012	Visalia	4-2	4.50	29	0	0	0	11	34.0	41	21	17	3	0	10	36	2	0
	Mobile	2-3	2.11	17	0	0	0	0	21.1	20	8	5	0	1	7	13	1	0
2013	Reno	0-2	5.49	17	0	0	0	0	19.2	29	12	12	4	1	7	23	4	0
	Mobile	5-4	2.86	20	16	0	0	1	85.0	62	29	27	3	7	29	52	10	0
2014	Reno	10-8	6.18	28	23	1	0	0	8.0	13	7	7	1	0	1	5	0	0
	Arizona (3)	0-1	7.88	4	0	0	0	0	8.0	13	7	7	1	0	1	5	0	0
2015	Buffalo	2-1	1.69	16	0	0	0	7	21.1	15	4	4	1	0	7	18	1	0
	Toronto	0-1	3.56	31	0	0	0	1	43.0	32	19	17	7	1	14	31	2	0
2016	Dunedin (#)	0-0	10.13	3	0	0	0	0	2.2	4	4	3	0	0	3	3	1	0
	New Hampshire (#) 0-0	10.80	2	0	0	0	0	1.2	2	2	2	1	0	2	3	0	0
	Buffalo	3-2	3.74	26	0	0	0	2	33.2	30	15	14	2	1	7	21	1	0
	Toronto	0-1	5.51	16	0	0	0	0	16.1	17	10	10	3	0	3	10	0	0
2017	Toronto (4)							11	NJURED	- DID N	IOT PL	ΑY						
Minor	League Totals	38-29	4.30	246	46	1	0	22	525.1	517	301	251	33	30	201	398	38	4

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72.0

59.1

80 35 33 2 3 5 54 7

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62 36 34 11 1

7

1 0 1 5 0 0

> 17 41 2 0

18

(#)Injury Rehab Assignment

Major League Totals

N.L. Totals

A.L. Totals

Independent League Totals 4-3

0-3 Signed by Oakland as a non-drafted free agent on 6/22/08.

0-1

0-2

(1)Released by Oakland on 4/26/11...Signed by Grand Prairie of the independent American Association.

(2)Signed by Arizona as a minor league free agent on 3/8/12.

(3)Claimed off waivers by Toronto from Arizona on 10/7/14. (4)Granted free agency on 11/6/17...Signed by Pittsburgh as a minor league free agent on 1/5/18.

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MOST STRIKEOUTS: 4 K's (twice), 7/17/15 vs. Tampa Bay & 7/2/15 vs. Boston.

MOST INNINGS PITCHED: 4.1 IP, 8/5/14 vs. Kansas City.

MOST WALKS: 2 BB (3 times), 10/1/15 at Baltimore, 8/19/15 at Philadelphia & 6/21/15 vs. Baltimore.

LONGEST SCORELESS INNINGS STREAK: 13.1 IP (6/12 to 7/2/15).

4.12 37 4

7.88

4.10

4.54

LONGEST WINNING STREAK: No Major League wins.

LONGEST LOSING STREAK: 1 game, three times (9/11/16, 7/2/15 & 8/1/14).

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SCHULTZ HIGHLIGHTS



JOHN STILSON

RIGHT-HANDED PITCHER

AGE: 27 (turns 28 on July 28) BORN: 7/28/90 in Texarkana, TX

RESIDES: Texarkana, TX
HEIGHT/WEIGHT: 6-3/205

BATS/THROWS: R/R M.L. SERVICE: None

OBTAINED: Signed as a minor league

free agent 12/18/17

LAST SEASON:

2017 SEASON: Produced a 2-5 record, two saves and a 3.19 ERA (53.2ip/19er) in 38 total appearances between Buffalo (Blue Jays' AAA) and New Hampshire (Blue Jays' AA)...Began season at the Triple-A level...Was scored upon in three of his first four appearances before not allowing a run in five straight outings from 4/22 to 5/9...Was assigned to New Hampshire on 5/27 and

was unscored upon in three of his four appearances...Returned to Bufffalo on 6/12...Earned his first win with 2.1 scoreless innings on 7/23 vs. Louisville...Was on the disabled list from 7/28 to 8/6 with a left oblique strain...Made five appearances after being reinstated from the D.L. before being placed back on the DL. on 8/22 with a right thigh strain that ended his season.

CAREER HIGHLIGHTS:

MISC: Has gone 14-9 with a 3.30 ERA (199.lip/73er) in 142 careeer relief appearances and 5-3 with a 3.66 ERA (93.lip/38er) in 22 career starts...Has made each of his last 142 appearances out of the bullpen since making his last start on 7/27/12 while playing for New Hampshire...Has produced a 10-6 record and 2.75 ERA (131.0jp/40er) in 93 career games at the Triple-A level..Began his minor league career in 2012 with Single-A Dunedin, where he recorded his first three professional wins in his last three appearances with the club before being promoted to New Hampshire...Tossed 5.0 scoreless innings and won his Double-A debut as a starter with New Hampshire on 6/16/12...Made first career relief appearance on 8/15/12 and tossed 1.0 scoreless inning...Recorded first career save on 8/17/12...Pitched exclusively

in relief for the first time in 2013 and posted a combined 2.17 ERA (49.2ip/12er) between New Hampshire and Buffalo...Made three appearances for the Salt River Rafters during the 2013 Arizona Fall League...Had surgery to repair a torn labrum in his right shoulder on 8/14/14.

PERSONAL: John Jacob Stilson...Is a 2008 graduate of Texarkana High School, where he played baseball, football and basketball... Did not pitch in high school (was a shortstop)...Pitched at Texarkana Junior College before transferring to Texas A&M... Posted a combined 14-3 record, 1.27 ERA and 206 strikeouts in 48 appearances (13 starts) while pitching at Texas A&M in 2011 and 2012.

LIF	ETIME PITCI	HINC	STA	TIST	rics	5												
YEAR	CLUB	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	HP	ВВ	so	WP	вк
2012	Dunedin	3-0	2.82	13	13	0	0	0	54.1	56	22	17	2	1	19	47	0	2
	New Hampshire	2-4	5.07	17	9	0	0	1	50.0	54	33	28	6	3	23	44	6	0
2013	New Hampshire	0-0	3.86	2	0	0	0	1	2.1	3	1	1	0	0	0	6	0	0
	Buffalo	6-2	2.09	33	0	0	0	4	47.1	36	13	11	3	1	15	47	2	0
2014	Buffalo	2-0	3.18	25	0	0	0	1	34.0	37	14	12	2	1	18	32	3	0
2015	Dunedin	0-0	13.50	1	0	0	0	0	1.1	3	2	2	0	0	0	4	0	0
2016	New Hampshire	4-1	3.88	34	0	0	0	1	48.2	42	27	21	2	4	23	41	4	0
	Buffalo	0-0	0.00	1	0	0	0	0	1.0	1	0	0	0	0	0	1	0	0
2017	Buffalo	2-4	3.14	34	0	0	0	2	48.2	41	20	17	6	3	20	46	3	0
	New Hampshire (1)	0-1	3.60	4	0	0	0	0	5.0	4	2	2	0	0	2	5	0	0
Minor	League Totals	19-12	3.41	164	122	0	0	10	292.2	277	134	111	21	13	120	273	18	2

Selected by Toronto in 2011 First-Year Player Draft (3rd round).
(1)Granted free agency on 11/6/17...Signed by Pittsburgh as a minor league free agent on 12/18/17.

PNC PARK PITCHING LEADERS

WINS	APPEARANCES	INNINGS PITCHED
Paul Maholm 36	Tony Watson 239	Paul Maholm
Zach Duke 33	John Grabow	Zach Duke 516.2
Gerrit Cole	Salomon Torres	Gerrit Cole 397.1
Charlie Morton 22	Jared Hughes	Charlie Morton
Tony Watson 22	Mark Melancon155	Kip Wells 361.2
Josh Fogg20	Matt Capps	Jeff Locke
Francisco Liriano 19	Joel Hanrahan	Josh Fogg332.0
Jeff Locke 19	Scott Sauerbeck108	lan Snell
lan Snell	Joe Beimel	Francisco Liriano 324.1
Kip Wells	Damaso Marte	A.J. Burnett 316.2

2017

COLE TUCKER

INFIELDER • @cotuck

AGE: 21 (turns 22 on July 3) BORN: 7/3/96 in Phoenix, AZ RESIDES: Phoenix, AZ HEIGHT/WEIGHT: 6-3/200 BATS/THROWS: S/R M.L. SERVICE: None

OBTAINED: Pittsburgh's first round selection (24th pick overall) in 2014 First-Year Player Draft



AWARDS & HONORS:

• 2017 Florida State League All-Star (mid-season & post-season).

LAST SEASO

2017 SEASON: Entered season ranked by Baseball America as Pittsburgh's eighth-best prospect...Hit a combined .275 (122for-444) with 19 doubles, 11 triples, six home runs, 50 RBI and 47 stolen bases between Single-A Bradenton and Double-A Altoona...Ranked first among all Pirates minor leaguers in triples and stolen bases, third in runs scored and sixth in hits...Was named to the Florida State League's mid- and post-season All-Star teams...Ranked first in the Florida State League in stolen bases and seventh in all of minor league baseball...His 47 stolen bases were the most by a Pirates farmhand since Pedro Powell had 67 in 2007...Reached base safely in 28 straight games from 4/19 to 5/22; the second-longest streak in the Florida State League for the season...Was named the Florida State League's hitter-of-the-week for the week of 5/8-14...Recorded a team record-tying seven RBI on 5/12; the only other player in Bradenton history to collect seven RBI in a game was Jeremy Farrell in 2010 in the Marauders' first game in team history...Hit .358 (19-for-53) in 13 games during the month of July with the Marauders...Was promoted to Altoona on 7/20 and went 0-for-5 with two errors in his Double-A debut that night at Bowie...Hit safely in six straight games from 7/24-30...Hit his first Double-A home run on 8/21 at Hartford; a two-run, go-ahead shot as part of a three-hit game...Walked four times on 8/28, the most by a Curve player in 2017 and tied for the most in a game in club history...Ended the regular season with a 16-game on-base streak...Hit .348 (23-for-66) with four doubles, two triples, two homers, 12 RBI and 13 walks over final 17 regular season games from 8/17 to 9/4...Went 3-for-5 with two doubles in Game One of the Western Division Series on 9/7 at Bowie...Friactured his left hand in Game Two of the Division Series on 9/8...Finished the season ranked as Pittsburgh's fifth-best prospect by MLB.com.

CAREER HIGHLIGHTS:

2016: Enters the 2018 season listed by Baseball America as Pittsburgh's sixth-best prospect and as the "Fastest Baserunner" in the Pirates minor league system...Has made each of his 295 career defensive appearances at shortstop...Began professional career with the GCL Pirates in 2014 after being selected 24th overall in the first round of the draft earlier in the summer... Ranked second in the Gulf Coast League in runs scored and also recorded a league-high eight sacrifice hits during his first professional season...Hit first professional home run on 8/1/14 against the GCL Yankees...Was ranked as Pittsburgh's eighthbest prospect entering the 2015 season by Baseball America... Ranked fifth among Pirates farmhands in stolen bases in 2015... Hit .316 (31-for-98) following the 2015 South Atlantic League All-Star break...Underwent shoulder surgery on 8/25/15...Ended the 2015 campaign ranked by Baseball America as Pittsburgh's

seventh-best prospect...Made season debut in 2016 on 5/8 after recovering from shoulder surgery...Was promoted to Bradenton on 5/28/16 after Kevin Newman was placed on the disabled list with a fractured orbital.

PERSONAL: Cole Bryson Tucker...Is a 2014 graduate of Mountain Pointe (AZ) High School, where he hit .404 with eight doubles, four triples, five home runs and 30 RBI in 27 games as a senior... Was named a West All-Region first-team and Perfect Game second-team All-American in 2014...Led the 18U USA National team to a 2013 World Cup...Was committed to play baseball at the University of Arizona before signing with the Pirates... Was rated as the second-best high school player in Arizona by Baseball America prior to the 2014 draft...Signed by Pirates scout Mike Steele.

LIFETIME BATTING STATISTICS

YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	ОВР	SLG	E
2014	GCL Pirates	.267	48	180	39	48	6	2	2	13	*8	0	3	26	38	13	5	.368	.356	13
2015	West Virginia	.293	73	300	46	88	13	3	2	25	6	7	0	16	49	25	6	.322	.377	13
2016	West Virginia	.262	15	61	9	16	4	2	1	2	2	0	0	4	9	1	1	.308	.443	3
	Bradenton	.238	65	269	36	64	12	1	1	25	6	0	0	29	62	5	6	.312	.301	13
2017	Bradenton	.285	68	277	46	79	15	6	4	32	3	1	1	34	70	*36	12	.364	.426	7
	Altoona	.258	42	167	25	43	4	5	2	18	2	1	3	21	31	11	3	.349	.377	9
Minor	League Totals	.270	311	1254	201	338	54	19	12	115	27	9	7	130	259	91	33	.339	.372	58

(*)Led League

Selected by Pittsburgh in 2014 First-Year Player Draft (1st round - 24th pick overall).

SCORING 10 RUNS IN THE FIRST INNING

The Pirates have scored 10 or more run the in the first inning a total of three times in their 131-year history. The most recent time occurred on July 9, 2017 against the Cubs at Wrigley Field in Chicago.

July 9, 2017 at Chicago (NL) 10 runswon 14-3
June 8, 1989 at Philadelphia10 runslost 15-11
April 22, 1892 vs. St. Louis12 runswon 14-3



ERICH WEISS

INFIELDER • @ErichWeiss6

AGE: 26 (turns 27 on Sept. 11) BORN: 9/11/91 in Brenham, TX RESIDES: Brenham, TX HEIGHT/WEIGHT: 6-2/200 BATS/THROWS: L/R
M.L. SERVICE: None
OBTAINED: Pittsburgh's 11th round
selection in 2013 First-Year Player Draft

AWARDS & HONORS:

- 2016 Eastern League All-Star (post-season).
- · 2015 Florida State League All-Star (post-season).
- · 2014 South Atlantic League All-Star (mid-season).
- 2013 New York-Penn League All-Star (mid-season).

LAST SEASON:

2017 SEASON: Spent entire season with Triple-A Indianapolis after attending big league camp as a non-roster invitee...Set career high in slugging percentage while matching his career high in home runs...Was honored as Indianapolis' Gold Glove Award winner prior to the last regular season home game after recording a .984 fielding percentage (six errors in 365 total chances)...Made 55 appearances at second base, 30 at third base and 10 at first base...Connected for first Triple-A home run on 6/23 at Louisville...Batted .356 (21-for-59) in 18 games from 6/28 to 7/23; the second-highest average in the International

League during that stretch...Produced a .309 batting average while reaching base safely in 24 straight games between 6/16 and 7/17; tied with Jacob Stallings for the longest such streak by a Tribe player for the season...Was named the International League Player-of-the-Week for the week of 8/21-27 after hitting .462 (12-for-26) with four doubles, three home runs, eight RBI and seven runs scored...Hit .338 (25-for-74) with 12 extra base hits and 15 RBI in 25 games during the month of August...Hit safely in each of his four postseason games against Durham.

CAREER HIGHLIGHTS:

MISC: Has been named a mid- or post-season All-Star in four of his first five professional seasons...Has made 404 career appearances at second base, 65 at third base and 10 at first base during his professional career...Was named to the New York-Penn League mid-season All-Star team in 2013...Hit .377 (23-for-61) in 18 games during the month of July in his first month of action after being drafted by Pittsburgh earlier in the summer...Led the South Atlantic League in intentional walks (five) in 2014 while spending entire season with the West Virginia Power...Hit an inside-the-park grand slam on 4/13/14 vs. Lexington...Batted .474 during an 11-game hitting streak from 4/6-16, 2014...Also recorded a 19-game on-base streak duringt he 2014 season between 4/4-25...Was selected to the South Atlantic League mid-season All-Star team in 2014...Led all South Atlantic League second basemen in double plays (67) in his only season with the Power...Finished tied for second among Pirates minor leaguers in games played in 2014...Hit a combined .277 (134-for-484) with 21 doubles, three triples, three home runs and 63 RBI in 129 games between Single-A Bradenton and Altoona in 2015...Was named to the Florida State League post-season All-Star team in 2015... Finished tied for fourth among Pittsburgh minor leaguers in games (129) in 2015...Ranked second in the Florida State League in on-base percentage and eighth in hitting in his only season with the Marauders... Spent entire 2016 season with Double-A Altoona, where he was named the club's Iron Man of the Year... Was named to the Eastern League post-season All-Star team at second base...Finished second among Pittsburgh farmhands and tied for third in the Eastern League with a career-high nine triples in 2016; also tied for the fifth-most by a Curve player in a single season...Finished tied for third among Pirates farmhands in RBI, 10th in batting average and tied for fifth in games played in 2016...Led all Eastern League second basemen in games (118), total chances (581), putouts (211), assists (358) and double plays (84) in 2016...Hit .333 (4-for-12) with a double, two walks, an RBI and two runs scored during the 2016 Eastern League playoffs... Went 3-for-5 with a run scored in Game One of the Eastern League Division Series on 9/7 vs. Akron...Has a career batting average of .324 (12-for-37) with three doubles and four RBI in 13 postseason games.

PERSONAL: Erich Collins Weiss...Is a 2010 graduate of Brenham (TX) High School...Also played baseball for three years at the University of Texas, where he majored in corporate communications...Hit .299 (53-for-177) with seven doubles, three triples, one home run and 24 RBI in 49 games as a junior in 2013... Started all 52 of Texas' games as a sophomore and hit .350 with five home runs and 38 RBI while taking home All-Big 12 first-team honors...Earned Louisville Slugger/Collegiate Baseball Freshman All-America honors after hitting .348 in 68 games in 2011...His father Gary played for the Los Angeles Dodgers for 22 games in 1980 and 1981 after a collegiate career at Blinn College and the University of Houston...Signed by Pirates scout Trevor Haley.

LIFETIME BATTING STATISTICS																			
YEAR CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	ОВР	SLG	E
2013 Jamestown	.273	41	121	21	33	7	2	0	10	3	2	2	13	40	4	2	.348	.364	13
2014 West Virginia	.287	130	463	72	133	22	4	4	42	3	4	10	60	117	21	12	.378	.378	20
2015 Bradenton	.285	98	372	46	106	17	2	3	49	5	4	6	41	70	11	4	.362	.366	12
Altoona	.250	31	112	15	28	4	1	0	14	0	4	0	8	22	4	2	.290	.304	4
2016 Altoona	.276	127	456	56	126	24	9	6	65	8	2	5	49	90	6	3	.352	.408	12
2017 Indianapolis	.274	104	332	50	91	23	4	6	43	0	3	4	38	67	6	2	.353	.422	6
Minor League Totals	.279	531	1856	260	517	97	22	19	223	19	19	27	209	406	52	25	.357	.385	67

Selected by Pittsburgh in 2013 First-Year Player Draft (11th round).

HISTORY

JACKSON WILLIAMS

CATCHER

AGE: 31 (turns 32 on May 14) BORN: 5/14/86 in Tulsa, OK RESIDES: Broken Arrow, OK HEIGHT/WEIGHT: 5-10/200

BATS/THROWS: R/R M.L. SERVICE: 36 days

OBTAINED: Signed as a minor league free

agent 1/6/17



LAST SEASON:

2017 SEASON: Attended spring training as a non-roster invitee with Pittsburgh...Hit a combined .201 (38-for-189) with three doubles, two home runs and 10 RBI in 55 games between Altoona and Indianapolis...Began season in extended spring training before being assigned to Altoona on 4/28...Played in two games with the Curve before being promoted to Indianapolis on 5/3... Was assigned back to Altoona on 5/9...Went 3-for-3 with a

walk, RBI and run scored on 5/12 vs. New Hampshire while also throwing out two runners attempting to steal and picking off a baserunner...Posted a season-high, six game hitting streak from 4/28 to 5/13...Hit first homer with Altoona on 5/28...Was assigned to Indianapolis on 5/30...Hit lone home run with Indy on 6/23 at Louisville.

CAREER HIGHLIGHTS:

MISC: Was originally selected by San Francisco with the 43rd overall pick in the 2007 First-Year Player Draft...Was rated by Baseball America as the "Best Defensive Catcher" in San Francisco's minor league system in 2007, 2008 and 2010... Was also rated by the same publication as the "Best Defensive Catcher" in the Eastern League in 2009 and the Pacific Coast League in 2010...Entered the 2009 campaign ranked as San Francisco's 16th-best prospect by Baseball America...Was recalled by Colorado on 6/23/14 after Michael McKenry was placed on the Bereavement List, but did not make an appearance in his first stint in the big leagues...Made Major League debut with the Rockies on 8/27/14 at San Francisco as a defensive replacement behind the plate in the ninth inning...Made first big league start behind the plate on 8/28/14 and recorded his first career hit in his second plate appearance with a single off

Yusmeiro Petit...Recorded his only Major League home run while also collecting a career-high three RBI on 9/7/14 vs. San Diego; hit a three-run shot off Tyson Ross in the second inning...Made seven appearances (three starts) behind the plate with Colorado in 2015...Appeared in his last big league game on 10/4/15 and went 1-for-4 with an RBI...Has made a total of 14 appearances (seven starts) at catcher during his big league career; has not been charged with an error in 64 total chances...Has recorded one caught stealing in the Majors; 9/9/15 at Arizona.

PERSONAL: Jackson Thomas Williams...Wife's name is Tera... Has two sons; Ryder (10/1/12) and Chandler (11/7/16)...ls a 2004 graduate of Broken Arrow (OK) High School...Was drafted out of the University of Oklahoma, where he majored in sociology and was a three-year starter on the baseball team.

LIFETIME BATTING STATISTICS

YEAR	CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	ОВР	SLG	E
2007	Salem-Keizer	.231	42	130	20	30	3	0	5	20	4	4	7	16	27	0	0	.338	.369	7
2008	Augusta	.179	47	156	22	28	7	0	2	13	2	1	6	15	37	0	0	.275	.263	5
	San Jose	.231	50	156	11	36	5	0	3	16	3	1	3	15	40	2	3	.309	.321	11
2009	Connecticut	.223	105	300	33	67	20	0	2	24	6	1	6	35	60	1	5	.316	.310	8
2010	Richmond	.192	60	193	17	37	9	1	2	16	6	1	7	29	54	0	1	.317	.280	1
	Fresno	.224	42	125	16	28	7	0	3	15	0	2	5	15	33	1	1	.327	.352	2
2011	Fresno	.184	56	125	13	23	3	0	1	12	1	2	2	17	36	0	2	.288	.232	4
	Richmond	.208	18	53	8	11	2	0	3	9	1	0	0	5	9	0	0	.288	.415	0
2012	Fresno	.247	86	295	34	73	15	1	11	40	1	3	2	13	62	0	0	.281	.417	3
2013	Fresno (1)	.230	85	261	30	60	14	2	5	30	2	3	2	21	48	0	0	.289	.356	3
2014	Colorado Spring	s.256	72	242	26	62	15	0	4	34	3	3	1	37	57	3	3	.353	.368	3
	Colorado (2)(3	.214	7	14	1	3	0	0	1	3	0	0	0	2	4	0	0	.313	.429	0
2015	Richmond	.228	83	276	26	63	9	1	1	18	1	1	5	29	50	1	2	.312	.279	5
	San Francisco (4).200	7	10	1	2	1	0	0	1	0	0	0	4	1	1	0	.429	.300	0
2016	Hartford	.209	62	215	15	45	9	1	1	18	2	2	0	22	41	0	1	.280	.274	0
	Albuquerque (5	5).095	6	21	2	2	1	0	0	2	0	0	0	0	3	0	0	.095	.143	0
2017	Altoona	.212	25	85	9	18	1	0	1	7	0	1	2	9	18	0	0	.299	.259	2
	Indianapolis	.192	30	104	7	20	2	0	1	3	1	0	1	8	26	0	0	.257	.240	3
Minor	League Totals	.220	869	2737	289	603	122	6	45	277	32	25	50	286	601	8	18	.303	.319	57
Major	League Totals	.208	14	24	2	5	1	0	1	4	0	0	0	6	5	1	0	.367	.375	0

Selected by San Francisco in 2007 First-Year Player Draft (1st round compensation- 43rd pick overall).

(1)Granted free agency on 11/5/13...Signed by Colorado as a minor league free agent on 11/17/13. (2)Claimed off waivers by Los Angeles (AL) from Colorado on 10/22/14.

(3)Acquired by San Francisco from Los Angeles (AL), 3/17/15, in deal for cash considerations.

(4)Granted free agency on 11/6/15...Signed by Colorado as a minor league free agent on 11/10/15 (5)Granted free agency on 11/7/16...Signed by Pittsburgh as a minor league free agent on 1/6/17.

WILLIAMS HIGHLIGHTS

MOST HR/GAME: 1 HR, 9/7/14 at San Diego.

MOST HITS/GAME: 1 hit (5 times), last on 10/4/15 vs. Colorado.

MOST RBI/GAME: 3 RBI, 9/7/14 at San Diego.

MOST RUNS/GAME: 1 run (twice), 10/2/15 vs. Colorado & 9/7/14 vs. San Diego.

LONGEST HITTING STREAK: Career: 2 games, twice (2015 & 2014).

ENERAL



ERIC WOOD

INFIELDER • @ericwood24

AGE: 25 BATS/THROWS: R/R

BORN: 11/22/92 in Toronto, Ontario, Canada M.L. SERVICE: None

RESIDES: Oshawa, Ontario, Canada **OBTAINED:** Pittsburgh's 6th round selection in 2012 First-Year Player Draft

AWARDS & HONORS:

· Participated in 2017 World Baseball Classic (Canada).

HEIGHT/WEIGHT: 6-1/210

- · 2016 Eastern League All-Star (post-season).
- · Named to Arizona Fall League All-Prospect Team in 2016.

SEASON:

2017 SEASON: Entered season tabbed by Baseball America as the "Best Power Hitter" in Pittsburgh's minor league system... Attended first big league camp as a non-roster invitee...Hit .167 (2-for-12) in three games while playing for Team Canada in the World Baseball Classic... Spent entire season with Triple-A Indianapolis, where he tied his career high in home runs and also posted a career-best 61 RBI...Finished third among Pirates minor leaguers in home runs and sixth in RBI...Made first career appearance in the outfield while starting in left field on 4/8...Made

first career appearance at first base on 4/9...Recorded six extra base hits (four doubles, one triple and one home run) during a five-game stretch from 4/10-14; the first time in his career to have at least one extra base hit in five straight games...Hit safely in a career-high 10 straight games from 6/8-20...Tallied his fourth career four-hit game on 6/28 vs. Durham...Finished the season on a nine-game hitting streak, collecting five multi-hit performances and nine RBI during the stretch...Made 73 appearances at third base, 26 at first base, 11 in left field and eight in right field

AREER HIGHLIGHTS:

MISC: Made each of his first 425 defensive appearances at third base during his minor league career before making first career appearance in the outfield on 4/8/17...Made 12 errors at third base in 2017 and 14 errors at the hot corner in 2016 after making 28 in 2013, 27 in 2014 and 21 in 2015... Has participated in the playoffs in each of his first six professional seasons in Pittsburgh's minor league system, hitting .238 (15-for-63) with six doubles, two RBI, 12 walks and a .360 on-base percentage in 19 games...Began his professional career with the Gulf Coast League Pirates in 2012, where he helped the team capture its first ever championship since having an entry in the league since 1969...Hit his first professional home run on 7/17/12 vs. the GCL Braves...Hit .455 (5-for-11) with three doubles and one RBI in three postseason games with the Baby Bucs...Was promoted to State College on 8/30/12 and appeared in six games for the Spikes...Spent entire 2013 campaign with Single-A West Virginia of the South Atlantic League, where he hit four of his six home runs on the season during the month of April...Connected for his first career grand slam on 6/16/13 at Greensboro...Participated in the postseason for the second straight year and went 1-for-10 with two runs scored and four walks for the Spikes...Spent entire 2014 season with Single-A Bradenton, where he led all Florida State League third basemen in games (110), total chances (328), assists (236) and double plays (25)...Hit .330 (32-for-97) with 15 RBI in August and went 2-for-7 in two playoff games with the Marauders...Spent all of 2015 with Altoona in his first season of Double-A action... Made 85 starts at third base and seven as the designated hitter for the Curve in 2015...Connected for his first Double-A home run on 5/23/15 at New Hampshire. Was charged with 21 errors at third base, which led all Eastern League third basemen... Spent entire 2016 season with Double-A Altoona, where he was named the club's Unsung Hero along with teammate Jonathan Schwind...Was named to the Eastern League post-season All-Star team in 2016 after hitting a career-high 16 home runs, which was tied for the second-most among all Pirates farmhands and tied for sixth in the Eastern League (hit a total of 15 in his first four professional seasons)...Was tabbed by Baseball America as the "Top Defensive Third Baseman" in the Eastern League in 2016 by league managers and coaches in the publication's annual Best Tools edition in early August...Led all Eastern League third basemen in 2016 in games (113), putouts (72) and double plays (19)....Hit .330 (29-for-88) with five doubles, three home runs and 20 RBI in 23 games while playing for the Surprise Saguaros in the Arizona Fall League in 2016...Was named to the Arizona Fall League All-Prospect team in 2016, where he led the Arizona Fall League in RBI while also finishing second in hits, fourth in total bases (43) and sixth in batting average.

PERSONAL: Eric Elliott Wilson Wood... Is a 2011 graduate of Pickering High School in Ajax, Ontario, Canada... Hit .318 with 13 doubles, four home runs and 39 RBI in his only season (2012) at Blinn College in Brenham, TX (near Houston)...Was the first Canadian selected in the 2012 Draft and was one of seven Ontario Blue Jays alumni drafted in 2012...Was originally a pitcher with the Ontario amateur team before he participated in an intrasquad home run derby and began crushing home runs; the derby was position players vs. pitchers where after the derby he became a position player...Signed by Pirates scout Trevor Haley. .

<u>LIFETIME</u> **BATTING STATISTICS** YEAR CLUB AVG G ΔB R н 2B **3B** HR RBI SH SF HP BB SO SB CS OBP SLG E 2012 GCI Pirates .287 36 122 21 35 24 2 3 14 25 2 4 .371 .467 3 8 4 State College .200 6 20 O 0 6 0 0 0 .190 .350 93 2013 West Virginia .255 97 364 40 0 6 51 4 2 3 29 2 3 .314 .360 20 88 28 7 6 3 3 41 7 2014 Bradenton .271 11.3 399 51 108 28 44 6 93 3 .345 .393 27 Altoona 2015 .237 101 334 39 79 11 3 2 28 3 3 1 32 88 3 7 .303 .305 21 2016 .249 118 402 63 100 20 5 16 50 1 4 5 52 88 5 4 .339 .443 14 2017 Indianapolis .238 120 416 58 99 25 5 16 61 1 8 3 48 125 7 1 .311 438 15 22 Minor League Totals .252 591 2067 272 518 113 21 47 264 18 22 21 213 516 26 .325 .396 109

Selected by Oakland in 2011 First-Year Player Draft (37th round), but did not sign.

Selected by Pittsburgh in 2012 First-Year Player Draft (6th round).

WORLD BASEBALL CLASSIC STATISTICS																			
YEAR CLUB	AVG	G	AB	R	н	2B	3B	HR	RBI	SH	SF	HP	ВВ	so	SB	cs	ОВР	SLG	E
2017 Canada	.167	3	12	0	2	0	0	0	0	0	0	0	0	4	0	0	.167	.167	0
WBC Totals	.167	3	12	0	2	0	0	0	0	0	0	0	0	4	0	0	.167	.167	0

REVIE

2018 TRI-ROSTER (AS OF 2/20/18) NUMERICAL **ALPHABETICAL POSITIONAL** MANAGER & COACHES 2 Branson, Jeff Coach Agrazal, Dario RHP Hurdle, Clint (Manager) 13 3 Rodríguez, Sean INF/OF Andrade, Heberto Bullpen Catcher 86 Andrade, Heberto (Bullpen C) 5 Harrison, Josh INF/OF Bartee, Kimera Coach 18 Bartee, Kimera (First Base) 6 Marte, Starling OF Bell, Josh 1B/OF 2 Branson, Jeff (Hitting) 10 Mercer, Jordy INF Bostick, Christopher OF/INF 89 Comadena, Jordan (Bullpen C) 1.3 Hurdle, Clint Manager Branson, Jeff Coach Cora, Joey (Third Base) 28 14 Prince, Tom Coach Brault, Steven LHP 85 Jauss, Dave (Coach) 15 Nava, Daniel * OF Burdi, Nick RHP 75 Livesey, Jeff (Asst. Hitting) 87 Meccage, Justin (Assitant Pitching) 16 Kang, Jung Ho + INF Cervelli, Francisco C 14 Prince, Tom (Bench) 17 Meadows, Austin OF Comadena, Jordan Bullpen Catcher 56 Rojas, Euclides (Bullpen) 18 Bartee, Kimera Coach Cora, Joey Coach Searage, Ray (Pitching) 54 19 Moran, Colin INF Crick, Kyle RHP 23 Freese, David INF Cunningham, Todd * OF 24 RHP C PITCHERS (33) Glasnow, Tyler Díaz, Flias 76 Agrazal, Dario 25 Polanco, Gregory OF Eppler, Tyler * RHP 43 Brault, Steven (LH) 26 Frazier, Adam INF/OF RHP Escobar, Luis 57 Burdi, Nick 27 Cunningham, Todd * OF Feliz, Michael RHP 30 Crick, Kyle 28 Cora, Joev Coach Frazier, Adam INF/OF Eppler, Tyler * 64 29 Cervelli, Francisco Freese, David INF 77 Escobar, Luis 30 Crick, Kyle RHP Garcia, Yeudy * RHP 45 Feliz, Michael 31 Schugel, A.J. RHP Glasnow, Tyler RHP 80 Garcia, Yeudy * 32 Díaz, Flias С Harrison, Josh INF/OF 24 Glasnow, Tyler Holmes, Clay 34 Williams, Trevor RHP Holmes, Clay RHP 68 41 35 Schultz, Bo RHP Hudson, Daniel RHP Hudson, Daniel 67 Jones, Tyler 36 Osuna, José INF/OF Hurdle, Clint Manager 49 Kingham, Nick 37 Santana, Edgar RHP Jauss, Dave Coach 70 Kontos, George 38 Moroff, Max INF Jhang, Jin-De * C 39 Kuhl, Chad 39 Kuhl, Chad RHP Jones, Tyler * RHP 52 Leathersich, Jack (LH) 41 Hudson, Daniel RHP Kang, Jung Ho + INF 74 Magnifico, Damien 43 Brault, Steven I HP Kelley, Christian * С 78 McKinney, Brett 44 Bostick, Christopher OF/INF Kingham, Nick RHP 84 McRae, Alex 3 45 Feliz, Michael RHP Kontos, George RHP 51 Milbrath, Jordan RHP 46 INF 59 Musgrove, Joe Nova, Ivan Kramer, Kevin 66 Neverauskas, Dovydas 47 Luplow, Jordan OF Kuhl, Chad RHP 46 Nova, Ivan 48 Rodríguez, Richard * RHP Lavarnway, Ryan * C 73 Rivero Feline (LH) 49 Kingham, Nick RHP Leathersich, Jack LHP 48 Rodríguez, Richard * 50 Taillon, Jameson RHP Coach Livesey, Jeff 65 Sadler, Casey 51 Milbrath, Jordan RHP Luplow, Jordan OF 37 Santana, Edgar 52 Leathersich, Jack LHP Magnifico, Damien 1 RHP 31 Schugel, A.J. 53 Smoker, Josh LHP Marte, Starling OF Schultz, Bo * 35 54 Searage, Ray Coach Martin, Jason ' OF 53 Smoker, Josh 55 Bell, Josh 1B/OF McKinney, Brett * RHP 60 Stilson, John ⁴ 56 Rojas, Euclides Coach McRae, Alex RHP 50 Taillon, Jameson 69 Turley, Nik (LH) + 57 Burdi, Nick RHP Meadows, Austin OF 57 Williams, Trevor 58 Stallings, Jacob С Meccage, Justin Coach 59 Musgrove, Joe RHP Mercer, Jordy INF CATCHERS (7) 60 Stilson, John 3 RHP Milbrath, Jordan Cervelli, Francisco 29 61 Wood, Eric * INF Moran, Colin INF 32 Díaz, Flias 62 Weiss, Erich * INF Moroff, Max INF 82 Jhang, Jin-De * 63 C RHP Lavarnway, Ryan * Musgrove, Joe 83 Kelley, Christian * 64 Eppler, Tyler * RHP Nava, Daniel * OF 63 Lavarn3way, Ryan * Sadler, Casey * 65 RHP Neverauskas, Dovydas RHP 58 Stallings, Jacob Williams, Jackson * 66 Neverauskas, Dovydas RHP Newman, Kevin * INF 67 Jones, Tyler RHP Nova, Ivan RHP **INFIELDERS (15)** 68 Holmes, Clay RHP Osuna, José INF/OF 55 Bell, Josh 69 Turley, Nik + LHP Polanco, Gregory OF 26 Frazier, Adam 70 Kontos, George RHP Prince, Tom Coach 23 Freese, David 71 Newman, Kevin * INF Reves, Pablo INF 5 Harrison, Josh 72 Kramer, Kevin * INF Reynolds, Bryan * OF 16 Kang, Jung Ho + 73 Rivero, Felipe LHP Rivero, Felipe LHP 72 Kramer, Kevin 74 Magnifico, Damien * RHP Rodríguez, Richard * RHP 10 Mercer, Jordy 19 Moran, Colin 75 Livesey, Jeff Coach Rodríguez, Sean INF/OF 38 Moroff, Max 76 Agrazal, Dario RHP Rojas, Euclides Coach 71 Newman, Kevin * 77 Escobar, Luis RHP Sadler, Casey ' RHP 36 Osuna, José 78 McKinney, Brett * RHP Santana, Edgar RHP 81 Reyes, Pablo * 79 Williams, Jackson * C Schugel, A.J. RHP 3 Rodríguez, Sean 20 Garcia, Yeudy RHP Schultz, Bo * RHP 88 Tucker Cole 81 Reyes, Pablo * INF Searage, Ray Coach Weiss, Erich * 62 82 Jhang, Jin-De * C LHP Smoker, Josh 61 Wood, Eric 1 83 Kelley, Christian * Stallings, Jacob 84 McRae, Alex 3 RHP Stilson, John * RHP **OUTFIELDERS (9)** 44 Bostick, Christopher 85 Jauss, Dave Coach Taillon, Jameson RHP 27 Cunningham, Todd 86 Andrade, Heberto Bullpen C Tucker, Cole INF 47 Luplow, Jordan 87 Meccage, Justin Coach Turley, Nik + LHP 6 Marte, Starling 88 Tucker, Cole * INF Weiss, Erich * INF 90 Martin, Jason 89 Comadena, Jordan Bullpen C Williams, Jackson * С 17 Meadows, Austin 90 Martin, Jason 3 OF Williams, Trevor RHP 15 Nava, Daniel * 91 Reynolds, Bryan * OF Wood, Eric * INF 25 Polanco, Gregory

91

Reynolds, Bryan *

ASI

THE LAST TIME IT HAPPENED

HITTING FOR THE CYCLE:

John Jaso vs. Chicago (NL) on 9/28/16.

GRAND SLAM:

Andrew McCutchen vs. Baltimore on 9/26/17 off Kevin Gausman (2nd inning).

GRAND SLAM (back-to-back games):

Pat Meares vs. San Diego on 4/26/00 off Woody Williams (6th inning) and John Vander Wal vs. San Diego on 4/27/00 off Matt Clement (5th inning).

PINCH-HIT HOME RUN:

Jose Osuna vs. St. Louis on 8/19/17 off Josh Lucas (6th inning).

PINCH-HIT WALKOFF HOME RUN:

Josh Harrison vs. Miami on 8/6/13 off Mike Dunn (9th inning).

PINCH-HIT GRAND SLAM:

Josh Bell vs. Chicago (NL) on 7/9/16 off Adam Warren (5th inning).

HOME RUN BY PITCHER:

Gerrit Cole at Cincinnati on 8/26/17 off Luis Castillo (6th inning)

GRAND SLAM BY PITCHER:

Denny Neagle at Chicago (NL) on 6/27/95 off Jim Bullinger (6th inning).

HOME RUN LEADING OFF GAME:

Josh Harrison vs. Chicago (NL) on 4/26/17 off Jon Lester.

INSIDE-THE-PARK HOME RUN:

Adam Frazier at St. Louis on 9/9/17 off John Brebbia (7th inning).

INSIDE-THE-PARK GRAND SLAM:

Frank Taveras at Cincinnati on 8/5/77 off Doug Capilla (2nd inning).

PINCH-HIT INSIDE-THE-PARK HOME RUN:

Turner Ward vs. Atlanta on 7/25/98 off Dennis Martinez (7th

LEADOFF INSIDE-THE-PARK HOME RUN:

Latos. CLUB RECORD (done 4 times)

Alex Presley vs. St. Louis on 4/20/12 off Lance Lynn (1st inning).

BACK-TO-BACK HOME RUNS:

Jose Osuna (solo) and Sean Rodriguez (solo) vs. Los Angeles (NL) on 8/21/17

BACK-TO-BACK HOME RUNS LEADING OFF GAME: Jose Tabata and Neil Walker vs. Cincinnati on 9/20/13 off Mat

TEAMMATES HITTING BACK-TO-BACK HOME RUNS TWICE IN A GAME:

Neil Walker & Gaby Sanchez at Cincinnati on 4/14/14.

THREE HOME RUNS IN ONE GAME (INDIVIDUAL):

Andrew McCutchen at San Diego on 7/30/17. CLUB RECORD (done 19 times)

TWO HOME RUNS, ONE INNING (INDIVIDUAL):

Reggie Sanders at St. Louis on 8/20/03 (5th inning). CLUB RECORD (done 4 times)

THREE CONSECUTIVE HOME RUNS, ONE INNING:

David Freese, John Jaso & Jordy Mercer at Atlanta on 5/24/17 (10th inning).

THREE HOME RUNS, ONE INNING:

David Freese, John Jaso & Jordy Mercer at Atlanta on 5/24/17 (10th inning).

FOUR HOME RUNS, ONE INNING:

Reggie Sanders-2, Jason Kendall and Brian Giles. at St. Louis on 8/20/03 (5th inning). CLUB RECORD (done 3 times)

HOME RUNS IN FIVE CONSECUTIVE INNINGS (CLUB):

8/22/07 at Colorado.

FOUR HOME RUNS IN ONE GAME (CLUB):

7/20/17 at San Diego (Andrew McCutchen-3 & Josh Bell).

FIVE HOME RUNS IN ONE GAME (CLUB):

9/15/16 at Philadelphia (Andrew McCutchen-2, John Jaso, Sean Rodriguez & Jordy Mercer).

SIX HOME RUNS IN ONE GAME (CLUB):

4/14/14 at Cincinnati (Neil Walker-2, Gaby Sanchez-2, Starling Marte & Travis Snider).

SEVEN HOME RUNS IN ONE GAME (CLUB):

8/20/03 at St. Louis (Jeff D'Amico, Rob Mackowiak-2, Jason Kendall, Brian Giles, Reggie Sanders-2). CLUB RECORD (done

HOMER IN THREE STRAIGHT GAMES (INDIVIDUAL):

Sean Rodriguez (9/17-DH-18, 2016).

HOMER IN FOUR STRAIGHT GAMES (INDIVIDUAL): Josh Harrison (7/27-30, 2014).

HOMER IN FIVE STRAIGHT GAMES (INDIVIDUAL):

Jose Castillo (5/26-31, 2006).

HOMER IN SIX STRAIGHT GAMES (INDIVIDUAL): Jason Bay (5/22-28, 2006).

HOMER IN MORE THAN SIX STRAIGHT GAMES (INDIVIDUAL):

8 games - Dale Long (5/19-28, 1956) TIES M.L. RECORD

HOMER IN PIRATES DEBUT:

Marlon Byrd vs. Milwaukee on 8/28/13.

HOMER IN BOTH GAMES OF A DOUBLEHEADER:

Sean Rodriguez at Philadelphia on 9/17/16.

TWO TRIPLES IN A GAME (INDIVIDUAL):

Josh Harrison vs. Toronto on 5/4/14.

THREE TRIPLES IN A GAME (INDIVIDUAL):

Roberto Clemente vs. Cincinnati on 9/8/58 CLUB RECORD (done 5 times)

THREE TRIPLES IN A GAME (CLUB):

4/28/17 at Miami

TRIPLE BY A PITCHER:

Brian Burres at Atlanta on 5/29/10.

TRIPLE IN THREE STRAIGHT GAMES:

Starling Marte (9/15-17, 2012).

THREE DOUBLES IN A GAME (INDIVIDUAL):

Adam Frazier on 7/17/16.

FOUR DOUBLES IN A GAME (INDIVIDUAL):

Paul Waner vs. St. Louis on 5/20/32. TIES M.L. RECORD

FIVE-HIT GAME:

Gregory Polanco at Miami on 6/13/14.

SIX-HIT GAME:

Freddy Sanchez at Chicago (NL) on 5/25/09.

SEVEN-HIT GAME:

Rennie Stennett at Chicago on 9/16/75. M.L. RECORD

SIX-RBI GAME:

Neil Walker at Colorado on 9/23/15.

EIGHT-RBI GAME:

Andrew McCutchen vs. Baltimore on 9/26/17.

NINE-RBI GAME:

Johnny Rizzo at St. Louis on 5/30/39 (game 2). CLUB RECORD

RBI IN 7 STRAIGHT GAMES:

Pedro Alvarez from August 4-11, 2010.

RBI IN 8 STRAIGHT GAMES:

Kevin Young from May 1-8, 1999.

RBI IN 9+ STRAIGHT GAMES:

11 games - Andy Van Slyke from June 9-20, 1988.

RBI IN 12 STRAIGHT GAMES:

Paul Waner from June 2-16, 1927. CLUB RECORD

SIX STRAIGHT HITS:

Andrew McCutchen from June 29-July 1, 2017.

SEVEN STRAIGHT HITS:

Freddy Sanchez from May 25-26, 2009.

EIGHT STRAIGHT HITS:

Andy Van Slyke on May 8, 1994 (DH) - includes one walk.

NINE STRAIGHT HITS:

Rennie Stennett from September 16-17, 1975.

10 STRAIGHT HITS:

Kiki Cuyler from September 18-21, 1925 (includes one walk). N.L. RECORD

REACHING BASE SAFELY IN 10+ STRAIGHT PA's:

Andrew McCutchen from June 29-July 1, 2017.

EXTRA-BASE HIT IN 7 STRAIGHT GAMES:

Josh Bell from May 12-19, 2017.

EXTRA-BASE HIT IN 8 STRAIGHT GAMES:

Sid Bream from May 6-14, 1986.

SCORING 10+ RUNS IN 3 STRAIGHT GAMES (CLUB):

August 27 & August 28 (DH), 1930.

SCORING 10 RUNS IN ONE INNING:

5/17/09 vs. Colorado (7th).

LAST PINCH-HIT BY A PITCHER:

4/24/16 at Arizona (a single by Jonathon Niese).

CONSECUTIVE GAMES WITH A PINCH-HIT:

4 - Gaby Sanchez from May 9-13, 2014.

TWO HITS BY A PITCHER IN THE SAME INNING:

Paul Maholm vs. St. Louis on 9/12/08.

MOST RECENT CONSECUTIVE GAMES STREAK:

307, Jason Bay (9/1/04 to 8/13/06).

NEXT LONGEST CONSECUTIVE GAMES STREAK:

503, Omar Moreno (1979-1982).

000, 011141 1 1010110 (1575 1502).

STARTING A GAME WITH 6 STRAIGHT HITS:

STARTING A GAME WITH 8 STRAIGHT HITS:

8/26/75 vs. Atlanta. CLUB RECORD

PIRATES PITCHING

8/23/16 vs. Houston.

NO-HITTER (INDIVIDUAL):

John Candelaria vs. Los Angeles on 8/9/76 (2-0).

NO-HITTER (COMBINED):

Francisco Cordova (9.0) and Ricardo Rincon (1.0) on 7/12/97 vs. Houston (3-0).

ONE-HITTER (INDIVIDUAL):

A.J. Burnett at Chicago (NL) on 7/21/12 (5-0) Only hit - two-out single by Adrian Cardenas in 8th inning.

ONE-HITTER (COMBINED):

Francisco Liriano (5.0), Jared Hughes (1.0), Tony Watson (1.0) and Mark Melancon (1.0) at San Diego on 6/4/14 (2-3). Only hit: single by Everth Cabrera in 1st inning.

20+ CONSECUTIVE SCORELESS INNINGS:

22.1ip, Mark Melancon (6/7-8/2, 2015).

23+ CONSECUTIVE SCORELESS INNINGS:

24.0ip, Charlie Morton (7/29-8/14, 2011).

MORE THAN 24 CONSECUTIVE SCORELESS INNINGS:

31.2ip, Bill Landrum (6/3-7/23, 1989).

MORE THAN 32 CONSECUTIVE SCORELESS INNINGS:

41.0ip, Jack Chesbro (6/26-7/16, 1902). CLUB RECORD

10 STRIKEOUTS (RIGHTHANDER):

Gerrit Cole at Milwaukee on 9/12/17.

11 STRIKEOUTS (RIGHTHANDER):

Ivan Nova at Philadelphia on 9/13/16.

12 STRIKEOUTS (RIGHTHANDER):

Gerrit Cole at Cincinnati on 9/28/14.

MORE THAN 12 STRIKEOUTS (RIGHTHANDER):

14 K's - Jose DeLeon vs. New York (NL) on 4/16/85 & Bob Moose at Philadelphia on 9/16/69. CLUB RECORD FOR RHP (done 2 times)

10 OR MORE STRIKEOUTS (LEFTHANDER):

13 K's - Francisco Liriano vs. Milwaukee on 7/21/16.

14 STRIKEOUTS (LEFTHANDER):

Oliver Perez vs. Houston on 9/9/04.

MORE THAN 14 STRIKEOUTS (LEFTHANDER):

16 K's - Bob Veale (LHP) vs. Philadelphia on 6/1/65. CLUB RECORD

10+ K's BY A STARTING PITCHER, 3 STRAIGHT GAMES:

5/22-24, 2015 (Gerrit Cole, A.J. Burnett & Francisco Liriano).

7 CONSECUTIVE STRIKEOUTS IN A GAME:

Francisco Liriano vs. Cincinnati on 6/1/13 & Erik Bedard at St. Louis on 5/3/12. CLUB RECORD (done 2 times)

STARTER FAILED TO RECORD AN OUT:

Jonathan Sanchez at St. Louis on 4/26/13 (ejected after four hatters)

10+ RUNS ALLOWED IN A GAME (INDIVIDUAL):

Brandon Cumpton at Los Angeles (NL) on 5/31/14 (11r/10er). 9-INNING COMPLETE GAME WITH LESS THAN 100 PITCHES: Ivan Nova vs. St. Louis on 9/8/16 (94 pitches).

9-INNING COMPLETE GAME WITH LESS THAN 100 PITCHES:

Ivan Nova vs. St. Louis on 4/29/17 (95 pitches).

9-INNING COMPLETE GAME WITH LESS THAN 90 PITCHES:

Ivan Nova vs. St. Louis on 9/8/16 (94 pitches).

BACK-TO-BACK COMPLETE GAMES (CLUB):

Tom Gorzelanny at San Francisco on 8/12/07 (W 5-0) and Paul Maholm vs. San Francisco on 8/13/07 - GM 1 (W 3-1).

THREE STRAIGHT COMPLETE GAMES (CLUB):

Mike Bielecki vs. Houston on 8/29/87 (W 8-2), Doug Drabek vs. Houston on 8/30/87 (W 7-0) and Mike Dunne vs. Atlanta on 8/31/87 (W 7-3).

BACK-TO-BACK COMPLETE GAMES (INDIVIDUAL):

Mark Redman at San Francisco on 5/9/05 (L 1-2) and vs. Milwaukee on 5/14/05 (W 2-0).

BACK-TO-BACK SHUTOUTS (CLUB):

Francisco Liriano & Rob Scahill vs. Chicago (AL) on 6/15/15 (W 11-0) and Charlie Morton, Tony Watson & Mark Melancon vs. Chicago (AL) on 6/16/15 (W 3-0).

BACK-TO-BACK SHUTOUTS (INDIVIDUAL):

Tim Wakefield vs. Chicago (NL) on 9/26/93 (1-0) and vs. Philadelphia on 9/30/93 (5-0).

BACK-TO-BACK SHUTOUTS IN A DOUBLEHEADER:

10/3/76 vs. St. Louis (1-0 & 1-0).

THREE CONSECUTIVE SHUTOUTS (CLUB):

6/14/15 vs. Philadelphia (1-0), 6/15/15 vs. Chicago - AL (11-0) & 6/16/15 vs. Chicago - AL (3-0).

FOUR CONSECUTIVE SHUTOUTS (CLUB):

5/17/72 vs. St. Louis (12-0), 5/19/72 vs. Montreal (8-0), 5/20/72 vs. Montreal (6-0) and 5/21/72 vs. Montreal - game one (1-0).

THREE CONSECUTIVE SHUTOUTS (INDIVIDUAL):

Steve Blass at New York on 9/15/68 (3-0), vs. Chicago on 9/20/68 (5-0) and vs. Cincinnati on 9/24/68 (2-0).

SIX CONSECUTIVE SHUTOUTS (CLUB):

6/2-6, 1903 (51 innings). M.L. RECORD

SAVES IN BOTH GAMES OF A DOUBLEHEADER:

Mark Melancon vs. New York (NL) on 6/7/16.

PITCHING 3.0 INNINGS FOR A SAVE:

Wade LeBlanc at Cincinnati on 9/17/16 (game 1).

ALLOWING 4 HOME RUNS IN A GAME:

Chad Kuhl at Cincinnati on 9/15/17.

EBALL

ISTORY

DIDATES MISCELLANICOL

TRIPLE PLAY:

Neil Walker (2B) to Jung Ho Kang (3B) to Walker vs. St. Louis on 5/9/15 Batter — Yadier Molina (2nd inning).

STEAL OF HOME (exclusive of a double steal):

Jeff King at Cincinnati on 7/11/96.

STEAL OF HOME (on a double steal):

Starling Marte vs. Cincinnati on 4/11/17.

PITCHER STEALING A BASE:

Daniel McCutchen vs. Colorado on 8/8/10

THREE STOLEN BASES IN ONE GAME (INDIVIDUAL):

Starling Marte at Chicago (NL) on 9/25/13.

FOUR STOLEN BASES IN ONE GAME (INDIVIDUAL):

Tony Womack at Cincinnati on 9/6/97...CLUB RECORD

FOUR STOLEN BASES IN ONE GAME (CLUB):

7/2/16 at Oakland.

FIVE STOLEN BASES IN ONE GAME (CLUB):

8/11/09 at Colorado.

SIX OR MORE STOLEN BASES IN ONE GAME (CLUB):

7 - 5/28/89 vs. Houston.

EIGHT STOLEN BASES IN ONE GAME (CLUB):

5/7/78 vs. Los Angeles.

LAST POSITION PLAYER TO PITCH:

Erik Kratz vs. San Francisco on 6/21/16 (1.0ip/2h/0r/0bb/1so).

LAST PITCHER TO PLAY A POSITION:

Don Robinson at Philadelphia on 9/30/84 (game 2).

LAST GAME WITH FOUR ERRORS:

9/7/15 at Cincinnati.

LAST GAME WITH FIVE ERRORS:

6/7/14 vs. Milwaukee.

LAST GAME WITH MORE THAN FIVE ERRORS:

7 errors - 9/7/12 vs. Chicago (NL).

LAST EIGHT-ERROR GAME:

9/17/39 vs. Philadelphia. CLUB RECORD

LAST RAIN DELAY OF 3 HOURS OR MORE (ROAD):

5/23/17 at Atlanta (3:12).

LAST RAIN DELAY OF MORE THAN 3:12 (ROAD):

9/17/12 at Chicago - NL (3:37).

LAST RAIN DELAY OF 3 HOURS OR MORE (HOME):

5/22/16 vs. Colorado (3:37).

LAST SUSPENDED GAME:

9/5/14 at Chicago (NL).

LAST TIED GAME (1-1 game called with one out in top of the

6th): 9/29/16 vs. Chicago (NL).

LAST HITLESS STREAK OF MORE THAN 30 AB's:

34 - John Jaso (7/5-8/1, 2017)

LAST HITLESS STREAK OF MORE THAN 34 AB's:

45 - Edinson Volquez (4/27-9/25, 2014)

PIRATES ROOKIE

HOME RUN IN MAJOR LEAGUE DEBUT:

Starling Marte on 7/26/12 at Houston.

HOMER IN 4 STRAIGHT GAMES:

Garrett Jones (7/10-17, 2009) & Dick Stuart (8/16-20, 1958).

RBI IN 7 STRAIGHT GAMES:

Pedro Alvarez (8/4-11, 2010).

RBI IN 8 STRAIGHT GAMES:

Frank Colman (8/6-14, 1944).

TRIPLE IN 3 STRAIGHT GAMES:

Starling Marte (9/15-17, 2012).

EXTRA-BASE HIT IN 7 STRAIGHT GAMES:

Josh Bell (5/12-19, 2017).

5-HIT GAME:

Gregory Polanco on 6/13/14 at Miami.

BEGIN CAREER WITH 11-GAME HITTING STREAK:

Gregory Polanco (6/10-21, 2014). CLUB RECORD

ONLY ROOKIE TO HIT FOR THE CYCLE:

Bill Salkeld (catcher) on 8/4/45 vs. St. Louis.

PITCHING COMPLETE GAME IN DEBUT:

Tim Wakefield on 7/31/92 vs. St. Louis.

PITCHING SHUTOUT IN DEBUT:

Erv Kantlehner on 4/17/14 at St. Louis.

10 STRIKEOUTS IN DEBUT:

Tim Wakefield on 7/31/92 vs. St. Louis.

WINNING MAJOR LEAGUE DEBUT:

Trevor Williams on 9/7/16 vs. St. Louis.

WINNING FIRST 4 STARTS:

Gerrit Cole (6/11-28, 2013).

BASEBALL OPERATIONS



BASEBALL OPERATIONS

NEAL HUNTINGTON

NEAL HUNTINGTON is in his 11th season as the General Manager of the Pittsburgh Pirates. He was appointed to the position on September 25, 2007, thus becoming the 12th G.M. in the history of the club. In his role as Executive Vice President and General Manager, Neal is responsible for the entire baseball operations department, which includes overseeing the Major League club as well as scouting and player development.

Huntington, who finished second in the voting for MLB Executive-of-the-Year in both 2013 and 2015, is the second-longest tenured General Manager in team history behind Joe L. Brown, who served the Club as its G.M. for a total of 22 years (1956-1976, 1985).

During his tenure, Huntington has overseen the rebuilding and reconfiguration of the Pirates front office, scouting and coaching staffs as well as the retooling of the Pirates 40-man roster and minor league system. Those efforts have played a role in the Pirates posting the fourth-best winning percentage in the National League - and the seventh-best in all of Major League Baseball - over the last six seasons.

Huntington oversees a talented and dynamic staff which was instrumental in the Pirates being named the 2015 Organization of the Year by Baseball America, the industry's most respected publication. The Pirates are the only team in baseball that has produced an aggregate Top 10 farm system ranking each of the past six seasons.

With a blend of analytics and traditional baseball thought, Huntington and his staff systematically built a playoff-caliber organization from a humble foundation in 2007. With increased scouting and the acquisition of

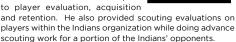
talent through the draft, international signings, trades, free agency and innovative player development, Huntington constructed a club that won 98 games in 2015 and made the postseason three straight seasons one of only three MLB teams to do so between 2013-15.

The Pirates have allocated significant resources into the First-Year Player Draft and toward international amateur talent acquisition which has resulted in the Pirates farm system moving from being one of the worst in MLB to among the best in the game, including a No. 1 ranking by Baseball America entering 2014.

Prior to joining the Pirates, Neal worked as a Special Assistant to the General Manager for the 2007 American League Central Division champion Cleveland Indians. In his role as Special Assistant to the General Manager, Huntington served as an evaluator and advisor for Cleveland General Manager Mark Shapiro, providing recommendations

EXECUTIVE VICE PRESIDENT &

regarding personnel, strategic planning and decision making. Neal also scouted major and minor league players and provided recommendations with respect to player evaluation, acquisition



Huntington began his association with the Indians in 1998 as the Assistant Director of Minor League operations. In November of 1998, Neal took over as Cleveland's Director of Player Development. In that role he instilled a holistic developmental philosophy that focused on the systematic development of the person as well as the player. He also oversaw the Indians player development system, including Latin American Field Operations. After being promoted to the title of Assistant General Manager on November 1, 2001, Huntington assisted Shapiro in all areas of the day-to-day operation of the major league club, concentrating particularly in player evaluation, acquisition and retention.

Neal began his major league career in the Montreal Expos organization on June 1, 1992. He spent the 1994 campaign as the video advance scout for the Expos' Major League club and was then promoted to Assistant Director, Player Development after the 1994 season, where he assisted in all aspects of Montreal's Player Development system.

PERSONAL: Neal Alden Huntington...Born on 2/4/69 in Amherst, NH...Wife's name is Becca...Has two sons and one daughter...Along with his wife, supports the Pirates Charities Fantasy Baseball Math program, a learning tool

that uses baseball statistics to teach kids important math skills (close to 5,000 kids at 20 different schools, non-profits and after-school programs have participated the last two years)... Was raised on a family-owned and operated dairy farm in Amherst, NH...Played four years of baseball at Amherst College in Massachusetts, where he graduated in 1991 with a degree in Psychology...Was named a Division III second-team All-American first baseman and first-team All New England first baseman after his senior season... Also holds a Masters of Science in Sport Management from the



Neal signs an autograph for a student during the Pirates Charities Fantasy

University of Massachusetts at Amherst...Received the Dr. Harold VanderZwaag 2012 Distinguished Alumnus Award from the UMass Department of Sport Management at Isenberg...Was presented with the Dr. Freddie Fu Sports Leadership Award at the 79th Annual Dapper Dan Dinner and Sports Auction in February 2015...Was named the Mid-Atlantic Scouts Association 2015 Executive of the Year.

PITTSBURGH PIRATES GENERAL MANAGERS

 Ray L. Kennedy
 1946

 H. Roy Hamey
 1947-1951

 Branch Rickey
 1951-1956

 Joe L. Brown
 1956-1976, 1985

 Joe O'Toole/Harding Peterson
 1976-1979

 Harding Peterson
 1979-1985

 Syd Thrift.
 .11/7/85 to 10/4/88

 Larry Doughty.
 .11/7/88 to 1/6/92

 Ted Simmons.
 .2/5/92 to 6/19/93

 Cam Bonifay
 .6/19/93 to 6/11/01

 Dave Littlefield
 .7/13/01 to 9/7/07

 Neal Huntington.
 .9/25/07 to PRESENT

Prior to 1946, the club Presidents performed the current duties of General Manager

KYLE STARK

KYLE STARK is in his seventh season as Assistant General Manager after spending four years (2008-2011) as Pittsburgh's Director of Player Development. He joined the organization on November 7, 2007.

Stark oversees all aspects of scouting and development for both players and staff throughout the organization from the Major Leagues down, while also working closely with Farm Director Larry Broadway. In addition, he provides recommendations to General Manager Neal Huntington regarding personnel, strategic planning and decision making for the Baseball Operations department.

In his tenure as the club's Director of Player Development, Stark created a system that was focused on helping all players achieve mastery - personally, mentally, physically, and fundamentally and develop as professionals. That has been, and will continue to be accomplished through a relentless, systematic, and cohesive approach involving structured, consistent, progression-oriented instruction throughout the organization and detailed, written development plans for all players.

During the Baseball Winter Meetings in December 2015, Stark was honored by Baseball Chapel for his efforts in establishing

the faith-based program throughout the Pirates minor league system, one that philosophizes the development of good men, both on and off the field.

Prior to joining Huntington's staff, Stark spent four years in Cleveland's Baseball

Operations department, assisting in all areas of Scouting, Player Development and Major League Operations. In 2006 and 2007, Stark performed the baseball related duties of the Assistant Farm Director, oversaw the club's efforts in Pacific Rim Scouting, and coordinated the club's Advanced Scouting which included providing scouting reports on upcoming opponents.

PERSONAL: Kyle was born on 7/9/78 in Bradford, PA, and currently resides in Pittsburgh with his wife, Heather, and two sons; Chance (18) and Cooper (11). He is a 1999 graduate of Ball State University and received a law degree from the University of Toledo in 2002 and a master's degree in Business Administration from St. Bonaventure in 2004. In his two years at St. Bonaventure, Stark also served as Pitching Coach for the baseball team.



KEVAN GRAVES

The 2018 season marks Kevan's 10th year as a member of the Pirates Baseball Operations department. He is in his third season as Assistant General Manager after serving as the Director of Baseball Operations the previous four years. Graves joined the Pittsburgh organization as a Baseball Operations Assistant on October 31, 2008.

In his current role, Kevan supports General Manager Neal Huntington on roster management, player evaluation and acquisitions, free agent and arbitration contract negotiations, MLB rules compliance, payroll and budget management financial planning, staff recruitment and development of entry-level staff and the day-to-day oversight of the Baseball Operations department.

Prior to joining the Pittsburgh organization, Graves was a member of the inaugural class of the Executive Development Program in the MLB Commissioner's Office, where he worked

primarily with the Labor Relations and Baseball Operations Departments on contract analysis and various special projects. As part of the program, he also spent a year with the Minnesota Twins where he split time between the Baseball Operations and Business Development

Departments. Additionally, Graves previously worked for the San Francisco Giants Legal Department for two years as well as MLB's Arizona Fall League for one season. He also served as an intern with the San Diego Padres Baseball Operations department.

PERSONAL: Kevan was born on 12/11/80 in Berkeley, CA, and currently resides in Pittsburgh with his wife Keri and son Braden (3). He is a 2003 graduate of Dartmouth College, where he was a member of the Varsity Baseball team and majored in History.



DAN FOX

DAN FOX is in his 11th season with the Pirates. He was hired on May 1, 2008 and now serves as the club's Senior Director of Baseball Informatics. In this role, he and his team are responsible for the architecture, development, and dissemination of information systems and predictive analytics within the Baseball Operations department with the goal of enabling the organization to make the best decisions possible in the realms of player evaluation, acquisition, development, athletic performance and game strategy.

Prior to joining the Pittsburgh organization, Fox worked with

Baseball Prospectus and The Hardball Times as an author and weekly

columnist. He was also employed as a software architect at Compassion International in Colorado Springs and prior to that as a software instructor, author, and consultant.

PERSONAL: Dan was born on April 8, 1968 in Davenport, IA, and currently resides in Mars, PA, with his wife, Beth, and two daughters; Laura (22) and Anna (19). He earned a B.S. degree in Computer Science from Iowa State University in 1990.



CHRIS JOHNSON

CHRIS JOHNSON is in his fourth season with the Pirates; his first as Director of Personnel. He served the organization as its Director of Performance the last three years.

Johnson joined the Pirates on July 1, 2015 after spending a season with the Golden State Warriors of the NBA. He has 20 years of government service, including six years active-duty in the U.S. Coast Guard. As a federal civilian, Johnson served Naval Special Operations Command, the Department of Defense, and other government agencies.

Johnson specializes in executive decision-making and the

human architecture of high-functioning teams. His training and experience have focused on identification assessment and selection of personnel for high-stress environments.



PERSONAL: Chris earned his Ph.D. in Psychology from UCLA in 2004, and his post-doctoral training in clinical neuroscience at Yale University School of Medicine from 2005-2007. He resides in Pittsburgh with his wife Linda, and their three children, Camille, Phillip and Emma.

WILL LAWTON BASEBALL OPERATIO

WILL LAWTON is in his eighth full season as a member of the Pirates Baseball Operations department, his first as Director of Baseball Operations. He also spent two years as Assistant Director of Baseball Operations after joining the organization as a Major League Operations intern in June of 2010.

In his current role, Will assists Assistant General Manager Kevan Graves and General Manager Neal Huntington in roster management, player acquisition, free agent and arbitration contract negotiations, MLB rules compliance, payroll management, recruitment and oversight of entry-level staff and

the day-to-day operations of the Baseball

Operations department.

PERSONAL: Will was born on April 16, 1988 in Boston, MA, and currently resides in Pittsburgh with his wife Alyson. He is a 2010 graduate of Amherst College, where

he studied psychology and statistics. He was also a member of both the baseball and football teams at Amherst, serving as captain of the baseball team.



RON HOPKINS

RON HOPKINS is in his third season as a Special Assistant to the General Manager after serving the previous three years as a Pro Scout for the Pirates.

Prior to joining the Pirates, Hopkins spent two years (2011-2012) as a national crosschecker with the Baltimore Orioles.

Hopkins spent eight seasons with the Texas organization, having been hired by the Rangers on October 3, 2002 as the Scouting Coordinator. He served Texas as its Director of Scouting from July 2004 until October 15, 2009, at which point he was named Special Assistant to the General Manager (Jon Daniels).

Ron also spent eight years (1995-2002) with the Oakland Athletics as a national crosschecker and a Special Assistant to the General Manager (Billy Beane) in his final season with the organization.

Hopkins began his scouting career with Kansas City in 1980 and

SPECIAL ASSISTANT TO THI GENERAL MANAGER

worked for eight seasons as an area scout in the Pacific Northwest and Northern California. From 1988 to 1993, he was the west coast crosschecker for Seattle and spent the 1994 campaign as the southeast scouting supervisor for the New York Mets.



A 1970 graduate of Central Washington University with a B.A. in education, Hopkins played baseball and basketball in college. He earned honorable mention All-American honors in baseball in 1969.

PERSONAL: Ron was born on February 17, 1947 in Chehalis, WA. He and his wife Angela reside in Seattle and have two children; son Ross (29) and daughter Amanda (24), who is currently in her third year as Seattle's Four Corners Scout. His son, Ross, was selected by Cincinnati in the 2007 First-Year Player Draft.

SEAN MCNALLY

SEAN MCNALLY is in his first season as a Special Assistant to the General Manager after serving the previous five years as a Major League Pro Scout for the Pirates.

Prior to joining the Pirates, McNally spent eight years (2005-2012) as the Head Baseball Coach at Duke University.

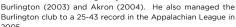
Originally selected by the Kansas City Royals in the 16th round of the 1994 June Draft, Sean played nine years (1994-2002) in the minor leagues for six different organizations. He was a Midwest League All-Star with Springfield in 1995 and a Texas League All-Star with Wichita in 1999 after hitting .282 with 36 home runs and 109 RBI in 129 games. He led the league in walks (93), ranked second in homers, third in RBI and second in slugging percentage (.591) that season.

McNally's final season as a player came in 2002 after playing at the Double-A level in the Texas and Montreal systems. In 984 career minor league games, the former infielder (third base/first

SPECIAL ASSISTANT TO THE GENERAL MANAGER

base) produced a .261 batting average, 185 doubles, 116 home runs and 533 RBI.

Following his playing days, McNally spent two years as a Hitting Coach in the Cleveland minor league system with



A 1994 graduate of Duke University with a B.A. double-major in History and Political Science, McNally also received his Masters Degree in Sports Administration from Ohio University in 2014. He was an academic All-American at Duke in 1994 and a two-time captain of the baseball team in 1993-94.

PERSONAL: Sean was born on December 14, 1972 in Rye, NY. He and his wife Kim reside in Apex, NC, and have three children; daughter Michaela (10) and sons Jackson (8) and Rowan (1).

JAX ROBERTSON

JAX ROBERTSON joined the Pittsburgh organization on January 22, 2002, and is in his 17th season as a Special Assistant to the General Manager. In this role, his emphasis is on Major League Scouting and Player Acquisition.

Jax received the 2017 Roland Hemond Award from the Scouts Committee of SABR and in December 2015, Robertson was the recipient of baseball's East Coast Scout of the Year award, which was presented to him at the annual Baseball Winter Meetings in Nashville. TN.

Prior to joining the Pirates, Robertson spent two years working as a professional scout with the Florida Marlins. He also worked for the Marlins as their national crosschecker for eight years (1992-1999).

Robertson also served the Detroit Tigers as their Director of Scouting for four years (1988-1991). He joined the Detroit organization in 1982 and assumed various roles within the scouting department prior to being named director.

SPECIAL ASSISTANT TO THE GENERAL MANAGER

A catcher during his playing days, Robertson signed a professional contract with the Cubs in 1974 and spent one season in their minor league system.

After receiving a master's degree in sports administration from Ohio

University, he joined the New York Yankees scouting staff and was responsible for signing Don Mattingly after the club selected in in the 19th round of the 1979 free agent draft. Robertson worked with New York for four years (1977-1980) and then served Old Dominion University as an assistant baseball coach before joining Detroit.

PERSONAL: Jax was born on March 4, 1952 in Milwaukee, WI. He and his wife Cindy reside in Cary, NC, and have two children; son Matt (36) and daughter Lindsay (30). Robertson has been on the selection committee for Team USA since 2006.



HISTORY

MATT RUEBEL

MATT RUEBEL is in his third season as a Special Assistant to the General Manager and his seventh season as a member of Pittsburgh's Baseball Operations department.

Prior to being named to his current position in December 2015, Ruebel spent four years as Pittsburgh's National Scouting Supervisor.

Ruebel began his scouting career with the Cleveland organization in 2001. After four years as an area scout, he served the Indians as a crosschecker in 2006 and as a regional supervisor in 2007-2008. Following his seven-year stint with Cleveland, Matt worked three years (2009-2011) as a national crosschecker with the Baltimore Orioles.

A left-handed pitcher during his playing days, Ruebel was originally selected by Pittsburgh in the third round of the 1991 First-Year Player Draft. He made his Major League debut with the Pirates on 5/21/96 at Colorado and won his first big league game on 6/3/96 vs. Colorado, while also singling off Mike Farmer for his first hit

In his two seasons (1996-97) with the Pirates. Matt went 4-3 with one save and a 5.49 ERA in 70 appearances (seven starts). He also appeared in seven games with Tampa Bay in 1998 and finished his Major League career with a 4-5 record



A Southern League All-Star while going 13-5 with a 2.76 ERA in 27 starts with Carolina in 1995, Ruebel produced a 56-48 record and a 3.90 ERA in 202 career minor league games (142 starts). His final season on the mound came in 2000 in the Montreal farm. system and with the Zion Pioneerzz in the independent Western

PERSONAL: Matt was born on October 16, 1969 in Cincinnati, OH. He and his wife Christy reside in Oklahoma City, OK, with their daughter Kendall (14).

GREG SMITH

GREG SMITH is in his 11th season with the Pirates, having joined the organization on November 7, 2007.

In his role, Greg provides recommendations to General Manager Neal Huntington regarding personnel, strategic planning and decision making for the Baseball Operations department while also working closely with the entire scouting staff.

Smith oversaw four drafts in his role as Scouting Director with the Pirates (2008-2011) and they were some of the most successful in all of baseball. The Pirates signed 32 of their 50 picks from the 2008 draft and selected 33 players from the college ranks.

In 2010, the Pirates strengthened their pitching depth by selecting a pitcher in 12 of the first 14 rounds. Jameson Taillon, considered by many to be the top high school pitching prospect in the country, was selected first by Smith and his staff in the annual draft. Among the 50 total players drafted by the Pirates in 2010, 27 were signed, including 16 pitchers.

The Pirates had the first overall pick in the 2011 First-Year Player Draft and selected UCLA RHP Gerrit Cole. Cole, who was considered by many publications as one of the best collegiate pitchers available in the 2011 draft, made an immediate impact with the Pirates in the Major Leagues. With their second pick in the 2011 Draft, Smith and his staff selected Texas high school outfielder Josh Bell, a switch-hitter who was committed to playing at the University of Texas before signing with the Pirates. Bell made his Major League debut with the Pirates in 2016. Overall in 2011, the Bucs signed 22 of their 50 draft picks.

Smith is a 28-year scouting veteran, having spent 11 seasons with the Detroit organization, working his last three years (2005-07) as the club's special assignment scout.

Prior to 2005, Greg spent eight seasons (1997-2004) as Detroit's Director of Scouting where he oversaw the First-Year Player Draft and international scouting. He also simultaneously served as the Club's Director of Player Development from 2000-2002. Before



joining the Tigers organization, Smith spent seven years (1990-96) as an area scout with the San Diego Padres, covering areas from Florida to Maryland.

Under Smith's guidance, the Tigers selected 2006 American League Rookie of the Year and 2011 A.L. Cy Young Award winner and MVP Justin Verlander with the second overall pick in the 2004 draft. Smith and his staff were rated by Baseball America as having the strongest draft of all 30 Major League clubs in 2002, a year in which the Tigers also selected outfielder Curtis Granderson in the third round and right-handed pitcher Joel Zumaya in the 11th round. Additionally, Greg was directly responsible for the signing of Jair Jurriens as a non-drafted free agent out of Curacao. During Smith's tenure as Director of Scouting, the Tigers signed and developed over 40 players who reached the Major League level.

An outfielder/first baseman during his playing days, Smith signed with the Padres as a free agent on 6/7/88 and played three seasons in the minor leagues with Spokane (1988), Charleston, SC (1989) and Riverside (1990), a club managed by Bruce Bochy.

PERSONAL: Greg was born on 2/2/66 in Chattanooga, TN, and resides in Lakewood Ranch, FL. He received his bachelor's degree in Sociology in 1988 from Vanderbilt University, where he also played baseball...In addition to being named All-American in 1987, Greg led the SEC in hitting and was the only player to hit over .400 that season.

RULE 5 DRAFT PICKS BY GM NEAL HUNTINGTON

YEAR	PLAYER	CHOSEN FROM
2007	Evan Meek (RHP)	Tampa Bay
2008	Donnie Veal (LHP)	Chicago (NL)
2009	John Raynor (OF)	Florida
2010	Josh Rodriguez (INF)	Cleveland
2011	Gustavo Nunez (INF)	Detroit
2016	Tyler Webb (LHP)	New York (AL)
2017	Jordan Milbrath (RHP)	Cleveland

DOUG STRANGE

DOUG STRANGE is in his 17th season as a member of the Pirates Baseball Operations department - his seventh straight and ninth overall as a Special Assistant to the General Manager (also 2003-2004). He works closely with GM Neal Huntington with an emphasis on Player Development and Player Acquisitions.

Strange spent two seasons (2010-11) working as the Director of Player Personnel. He initially joined the staff as a Professional Scout prior to the 2002 campaign and also served as a Special Assistant to the General Manager and Assistant General Manager for three years (2005-07) before assuming his role in player personnel prior to the 2010 season.

Originally selected by Detroit in the seventh round of the 1985 June draft, Strange made his big league debut with the Tigers on 7/13/89 and singled off Seattle's Scott Bankhead for his first hit on 7/15/89. Doug connected off Kansas City's Bret Saberhagen for his first Major League home run on 9/4/89. Following his one season with the Tigers, he also played with the Cubs (1991-92), Rangers (1993-94), Mariners (1995-96), Expos (1997) and Pirates (1995)

In 707 career major league games, Strange hit .233 with 31 home

PECIAL ASSISTANT TO THE

runs and 211 RBI. The switch-hitting infielder made a total of 339 appearances at third base, 229 at second base, 18 in left field, 10 at shortstop, seven at first base and two in right field during his nine seasons in the big leagues.



Following his playing days, Strange worked as an area scout with the Florida Marlins from July of 2000 thru the 2001 season. He also served as the club's East Coast crosschecker prior to joining the Pirates Baseball Operations department.

PERSONAL: Doug was born on April 13, 1964 in Greenville, SC. He and his wife Holli reside in Greenville with their five children; 21-year-old quadruplets (sons Joseph, Jackson and Jake and daughter Logan), who were born at the Duke Medical Center in Durham, NC, on 2/12/97 and daughter Lauren (16).

JAMEY CARROLL

JAMEY CARROLL is in his fourth season with the Pirates. He officially joined the Baseball Operations staff on January 12, 2015, prior to participating in the club's voluntary camp in Bradenton from January 12-15.

A 12-year veteran of the Major Leagues, Carroll attended big league spring training with the Washington Nationals as a non-roster player in 2014 before being released on March 25. He spent 2014 at his home in Florida being a husband and a father.

Originally selected by Montreal in the 14th round of the 1996 First-Year Player Draft, Carroll made his Major League debut with the Expos on 9/11/02 at Wrigley Field in Chicago. He recorded a pair of hits and scored a run in his first game and singled off Alan Benes in his second plate appearance.

While playing with the Expos under manager Frank Robinson in 2003, Jamey connected off Milwaukee's Wayne Franklin for his first big league home run on 8/1. He spent the entire 2004 season with Montreal and in the 5702nd and last game in franchise history, scored the Expos final run on 10/3 at New York (NL).

Carroll set career highs in batting (.300), hits (139), doubles (23), home runs (five) and RBI (56) while playing for current Bucco manager Clint Hurdle in Colorado in 2006 and delivered the game-ending sacrifice fly that scored Matt Holliday in the 13th inning of Colorado's 9-8 victory over San Diego at Coors Field in the one-game playoff on 10/1/07.

After spending the 2008 and 2009 campaigns with Cleveland, Carroll posted a career-high .379 on-base percentage and 12 stolen bases with the Dodgers in 2010. He made his first career

SPECIAL ASSISTANT, BASEBALL OPERATIONS

Opening Day start (second base) with Los Angeles in 2011 and went on to appear in a career-high 146 games that season.





Primarily a middle infielder, Carroll made 638 career appearances at second base, 316 at third base, 264 at shortstop, 12 in left field, eight in right field, one in center field and one as a pitcher (8/5/13) in his Major League career.

PERSONAL: Jamey was born on February 18, 1974 in Evansville, IN, and resides in Melbourne, FL, with his wife Kim and 10-year-old twins Cole and Mackenzie. He is a 1992 graduate of Castle High School in Newburgh, IN, and holds a Bachelor of Science degree in Exercise Science from the University of Evansville, where he was inducted into the school's Athletic Hall of Fame in 2004. Carroll hit .348 (236-for-678), scored 150 runs and swiped 68 bases in his three years (1994-96) at Evansville. He had his jersey uniform No. 3 retired by the Triple-A Ottawa Lynx club on 8/14/03 and was a three-time recipient of the MLBPAA Heart and Hustle Award; with the Rockies in 2006, the Dodgers in 2001 and the Twins in 2012.

ROOKIE OF THE MONTH AWARD WINNERS

YEAR	PLAYER	монтн	YEAR	PLAYER	монтн
2004	. Jason Bay	June	2009	Garrett Jones	July
2004	. Jason Bay	July	2010	Pedro Alvarez	September
2004	. Jason Bay S	eptember	2013	Gerrit Cole	September
2005	Zach Duke	July	2015	Jung Ho Kang	July
2005	Zach Duke	August			

HISTORY

SCOTT ELARTON

SCOTT ELARTON is in his fifth season with the Pirates, his third as a Special Assistant within the Baseball Operations department.

Following an 18-year playing career, Elarton spent the 2014 campaign as Pitching Coach with the Gulf Coast League Pirates. He worked in the same capacity with the Bradenton Marauders in 2015, overseeing a staff that produced a 74-64 record and 3.47 FRA.

A first-round pick (25th selection overall) by Houston in the 1994 First-Year Player Draft out of Lamar (CO) High School, Elarton pitched 10 seasons in the Major Leagues with Houston (1998-2001), Colorado (2001-04), Cleveland (2004-05, 2008) and Kansas City (2006-07).

Elarton produced a 56-61 record, four complete games, three saves and a 5.29 ERA (1065.lip/626er) in 232 big league games (170 starts). He made his Major League debut with the Astros on 6/20/98 vs. Cincinnati. Scott earned his first big league save on

SPECIAL ASSISTANT, BASEBALL OPERATIONS

7/29/98 vs. Florida and his first win on 8/10/98 vs. Milwaukee.

During the 2000 season, Elarton went 17-7 with two complete games while making 30 starts with Houston. He was

tabbed the Opening Day starter with the Astros in 2001 and again with the Royals in 2006.

In addition to his time in the Majors, Elarton went 80-62 in 233 career minor league games (192 starts). His final season on the mound came in 2013 with the Sugar Land Skeeters in the Independent Atlantic League (team went 95-45 and was managed by former big leaguer Gary Gaetti).

PERSONAL: Scott was born on February 23, 1976 in Lamar, CO, and resides in Bradenton, FL, with his wife Laurie. The couple has two children; son Kenan (14) and daughter Chloe (11).



GRADY LITTLE

GRADY LITTLE is in his fourth season with the Pirates, having joined the organization on 12/8/14. The 2018 season will mark his 38th year in professional baseball. Little will have input on player evaluations as well as player procurement at both the major and minor league levels, as well as serving as a mentor for the player development staff.

Selected by the Atlanta Braves in the 12th round of the 1968 MLB Draft, Little played in 167 games as a catcher over five minor league seasons in the Braves and New York Yankees organizations after spending the 1969 season in the Marine reserves. Grady retired from playing in 1973 and remained with the West Haven Yankees as a coach until 1974. Between 1975 and 1979 he stayed away from baseball and worked as a cotton farmer in Central Texas.

Little managed in the minor leagues for 16 years, compiling a record of 1,054–903 (.539) between 1980 and 1995 and posting 12 winning campaigns. He earned his 1000th managerial win when his Triple-A Richmond team defeated Scranton Wilkes-Barre on 5/15/95.

During his minor league managerial career, Little guided his teams to the postseason eight times, winning league titles with Hagerstown (1981), Pulaski (1986), Greenville (1992) and Richmond (1994). His 1992 Double-A Greenville Braves team compiled a 100-43 record and ran away with the Southern League title while setting four league records. For his efforts in 1992, Grady was named Manager-of-the-Year by Baseball America and The Sporting News. In addition, Little received Manager-of-the-Year accolades from his respective league in 1981 (Carolina), 1989 (Carolina), 1992 (Southern) and 1994 (International).

SPECIAL ASSISTANT, ASEBALL OPERATIONS

Little served as the Bullpen Coach for the Padres in 1996, the Bench Coach for the Red Sox from 1997-1999 and the Bench Coach for the Indians in 2000-2001 before being named the 43rd manager in Boston Red Sox history on 3/11/02. In his two seasons as Manager of the Sox,



Little won a total of 188 games and advanced his team to the A.L.C.S. in 2003. His 93 wins in 2002 were the most by a rookie Major League manager since Jim Frey won 97 games with Kansas City in 1980.

After spending the 2004 and 2005 seasons with the Chicago Cubs as a roving catching instructor and special assistant to General Manager Jim Hendry, Little became the 25th manager in Dodgers history, and the seventh since the team moved to Los Angeles in 1958, when he was hired on 12/8/05. The Dodgers won 88 games in 2006 and earned the N.L. wild-card spot in the playoffs during Little's first season. He resigned on 10/30/07 after his injury-plagued 2007 squad failed to reach the playoffs.

Prior to joining the Pirates in December 2014, Little spent the previous seven years "watching his family grow."

PERSONAL: Grady was born on March 3, 1950 in Abilene, TX, and resides in Pinehurst, NC, with his wife Debi. The couple has one son; Eric (46) and three grandchildren. His younger brother, Bryan, was an infielder in the Montreal system from 1982-1986 and is now an advance scout with the Chicago White Sox. Among his many honors in baseball, Little was inducted into the Kinston, NC, Professional Baseball Hall-of-Fame in 2001, the Arizona Fall League Hall-of-Fame in 2006 and the Hagerstown Suns Hall-of-Fame in 2009.

SCORELESS STREAKS OF 35 INNINGS OR MORE (TEAM)

LENGTH	YEAR	DATES
35.0 innings		June 13-17
36.0 innings		May 17-21
45.0 innings		July 29-August 4
51.0 innings		June 1-9

KEVIN YOUNG

KEVIN YOUNG returned to the Pirates organization prior to the 2015 season, having been named to his current position on 12/8/14. He was originally selected by Pittsburgh in the seventh round of the 1990 First-Year Player Draft and spent 11 big league seasons playing for the Pirates.

After being named Pittsburgh's Minor League Player-of-the-Year in 1991 and the International League's top prospect in 1992, K.Y. made his Major League debut with the Pirates on 7/12/92 and singled off Cincinnati's Tim Belcher in his second big league at

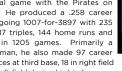
Young spent his first full season in the Majors with the Pirates in 1993 and established a club record with a .998 fielding percentage at first base (three errors in 1220 total chances). breaking Willie Stargell's previous mark of .997 set in 1979. He also connected off San Francisco's Rod Beck for his first big league home run on 4/9/93 at Three Rivers Stadium.

In his 11 seasons with the Pirates (1992-1995 and 1997-2003). Young played a total of 1022 games at first base and ranks third on the club's all-time list for games played at that position. trailing only Gus Suhr (1339) and Jake Beckley (1045).

Young spent the 1996 campaign in the Kansas City organization before returning to the Pirates for the 1997 season. He set career highs in batting average (.300) in 1997 and in games (159), home runs (27) and RBI (108) the following year. In 1998, he became the first Pirates player to have at least 40 doubles, 25 home runs and 100 RBI in a season since Willie Stargell in 1973.

K.Y. played a total of 12 seasons in the Major Leagues, appearing

in his final game with the Pirates on 6/27/03. He produced a .258 career average, going 1007-for-3897 with 235 doubles, 17 triples, 144 home runs and 606 RBI in 1205 games. Primarily a first baseman, he also made 97 career appearances at third base, 18 in right field and 13 in left field during his big league career.



Young finished his career with 65 home runs hit at Three Rivers Stadium, which ranks fourth on the all-time list behind Willie Stargell (147), Barry Bonds (89) and Dave Parker (88). And only Stargell (184) hit more home runs as a first baseman than Young did (128) in a Pirates uniform. In addition, K.Y. is one of only two players in franchise history to collect at least 100 runs, 40 doubles 20 home runs 100 RBI and 20 stolen bases in one season. He did so in 1999 and Jason Bay matched the feat in 2005

PERSONAL: Kevin was born on June 16, 1969 in Alpena, MI, and resides in Scottsdale, AZ, with wife Teresa. He has one son; Kaleb (21), one daughter; Kaden (13) and three stepchildren; Tressa (22), Jaxon (15) and Mason (12). A graduate of Washington (KS) High School, Young attended Kansas City (KS) Community College for two years where he was an All American and recipient of the Rawlings Big Bat Award in the Midwest region. He was also an All-American while playing baseball at the University of Southern Mississippi for one year before being drafted by the

NICK LEYVA

NICK LEYVA is in his second season as a Special Assistant within the Baseball Operations department after spending 40 seasons on the field in a uniform, 22 of which came at the Major League

Prior to his current role, Leyva spent six seasons as a coach on Manaager Clint Hurdle's big league staff; the last two years as First Base Coach after working four years as the Third Base Coach. He also served the club as its Infield Coach for those six seasons (2011-2016).

An infielder during his playing days, Leyva was selected by St. Louis in the 24th round of the 1975 First-Year Player Draft and began his professional career with Class-A Sarasota that summer. After a three-year playing career, which concluded with a stint at Double-A Arkansas in 1977, Leyva began his managerial/ coaching career as a manager in the St. Louis farm system with Johnson City in 1977.

In his first six seasons managing in the minors (1978-1983), Leyva posted 350-340 record and was named the Texas League Manager-of-the-Year in 1983 after guiding Arkansas to a 69-67 record and second-half division title.

Nick served the Cardinals as their First Base Coach at the big league level for two years (1984-85) before moving across the diamond to the third base coaching box for three years. In addition, he managed in the Puerto Rican Winter League for three years, winning the Championship and being named Manager-of-the-Year with Mayaguez in 1986.

After his five seasons as a coach with the Cardinals, the Philadelphia Phillies named Leyva their Manager on October 3, 1988. At 37 years of age at the time, he was the youngest skipper of the Phillies since 1960 (Gene Mauch - 34). Leyva guided the Phillies to a 77-85 record in his second year at the helm, showing a 10-game improvement from his rookie campaign. Philadelphia, however, let Leyva go on April 24, 1991, after he got off to a 4-9 start.

Leyva joined the Toronto organization for the first time in 1992 when he was hired to manage Triple-A Syracuse, a position he held for two seasons before serving the Blue Jays as their

Third Base Coach from 1994-97 (served as interm Third Base Coach at the end of the 1993 season). In that time, he also managed Lara in the Venezuelan Winter League in 1995 and 1996.After working two years in private business. Nick spent seven seasons in the Chicago



White Sox organization. He was a manager at the Triple-A level with Charlotte for two seasons prior to being named the Appalachian League Manager-of-the-Year in 2002 after guiding his Bristol club to a 43-25 record and a league title. He also won a Puerto Rican League championship with Mayaguez in 2002, one year after leading Lara to the Venezuelan Winter League championship.

For two years (2003-04), Leyva served the White Sox as their Minor League Infield Instructor before returning to the managerial post with Charlotte in 2005 and Bristol in 2006.

Leyva spent the 2007 season as the Third Base Coach with the Milwaukee Brewers. His last stint as a manager came in 2008 when he spent the first three months in the Mets farm system with Kingsport in the Appalachian League. He guided the K-Mets to a 1-2 record before being named Toronto's Third Base Coach on June 20 that season.

In his 14 seasons as a minor league manager, Leyva posted a 714-777 (.479) record. He also captured three Winter League Championships while managing in Puerto Rico and Venezuela for seven seasons.

Nick spent the 2010 season as the Bench Coach for the Toronto Blue Jays - under Manager Cito Gaston - after working the previous two seasons as Toronto's Third Base Coach.

PERSONAL: Nicholas Tomas Leyva ("LAY-vah")...Wife's name is Chelé...Has one son; Casey (34)...Is a 1971 graduate of Chaffey High School in Ontario, CA...Received degrees in Diversified Major and Spanish from LaVerne (CA) College in 1975...Also played baseball at LaVerne College and was a 1975 NAIA All-American...Is a member of the Sports Hall-of-Fame at LaVerne College.

JOE DELLICARRI

JOE DELLICARRI is in his seventh season overseeing the Pirates Amateur Scouting efforts and his 13th with the organization. He was promoted to his current position on September 16, 2011, after serving as the Assistant Director of Scouting since November of 2006. Joe joined the Pirates scouting staff on November 7, 2005 and spent the 2006 season as the East Coast Supervisor.

Prior to joining the Pirates, DelliCarri spent 10 seasons in the New York Mets scouting department, working as a South Regional Supervisor (2001-2005) and an Area Supervisor (1996-2000).

Originally selected by the Mets in the 38th round of the 1989 June draft, Joe made his professional debut with St. Lucie that summer. He spent five seasons in the New York minor league system before being traded to Detroit on 2/17/94. An infielder

SENIOR DIRECTOR AMATEUR SCOUTING

during his playing days, DelliCarri retired following the players strike in 1995. He returned to the New York organization and served the Mets as their Double-A Hitting Coach at Binghamton during the '95 campaign before joining the scouting staff in 1996.



Joe was born on January 16, 1967 in Bronx, NY, and graduated from Bergen Catholic High School in Oradell, NJ. He received his bachelor's degree in Sociology of Law from the University of Pennsylvania. DelliCarri and his wife Cindy reside in Pittsburgh and have three daughters; Allison (17), Julia (15) and Paige (13).

STEVE WILLIAMS

STEVE WILLIAMS is in his first season as the Director of Pro Scouting and his ninth with the Pirates organization. He was promoted to his current position on December 1, after serving as a Pro Supervisor in 2017. Steve also worked as a Major League Scout (2010-2016) and a Special Assistant to the General Manager (2009) with the Bucs.

Williams, who has 30 years of Major League scouting experience, served as the Assistant Scouting Director with Kansas City (2007-2009), the Midwest and East Coast Supervisor with Detroit (2000-2006), an area scout with Toronto (1995-1997) and an area scout with Minnesota (1988-1994) prior to joining the Pittsburgh organization.

DIRECTOR, PRO SCOUTING

Steve was born on December 7, 1963 in Fayetteville, NC, and resides in Overland Park, KS, with his wife Vickie and daughter Stacie (18).

He graduated from South View High School in Hope Mills, NC, and received his bachelor's degree in Industrial Arts from Clemson in 1987.



JUNIOR VIZCAINO

JUNIOR VIZCAINO was hired as the Director of International Scouting on December 1. He spent the 2017 season as the Global Crosschecker for the Boston Red Sox, responsible for talent acquisition and scouting development at the international level.

Prior to joining the Boston organization, Vizcaino spent 17 years with the Kansas City Royals (2000-2016), the last 10 as their National Scouting Supervisor. He was named Scout of the Year in 2014 and was a founding member of The Buck O'Neil Scouting and Coaching Association during his time in Kansas City.

Vizcaino began his scouting career as a Regional Scout Supervisor with the Braves in 1994 and spent seven years in the Atlanta organization after retiring as a player.

Selected by the Pirates in the 14th round of the 1987 June draft, Junior made his professional debut with Watertown in the New York-Penn League that summer and hit .306 in 51 games.

DIRECTOR,

A first baseman during his playing days, Vizcaino produced a .259 career average, 22 home runs and 156 RBI in 341 minor league games. He was originally drafted as a pitcher by the Blue Jays in the 11th round of the 1985 January Draft, but returned to school before being selected by the Pirates in 1987.



Junior was born on January 6, 1965 in San Pedro de Macoris, D.R. He played baseball at Indian River Community College in Fort Pierce, FL, before transferring to Valdosta State University (GA) in 1985. Junior resides in DeLand, FL, with his wife Sherri. The couple has four children; daughters Gabrielle (26), Reilly (21) and Kelsey (18) and son Vance (23), who is currently an outfielder in the Kansas City organization.

MIKE MANGAN

MIKE MANGAN joined the Pirates organization as the Assistant Director of Amateur Scouting on November 20, 2015.

Prior to being hired by Pittsburgh, Mangan spent 17 years working for the Toronto organization. He served the Blue Jays as their East Regional Scouting Supervisor in 1999 before spending parts of 14 years as national crosschecker and two seasons in a Professional Crosscheck role for the Jays.

Mangan began his scouting career in 1991, working as an Associate Scout for the Cincinnati Reds before being hired as an Area Supervisor for the Reds in 1994, a position he held until

ASSISTANT DIRECTOR, AMATEUR SCOUTING

moving on to the Blue Jays in 1999

Mike was born on May 31, 1960 in Scranton, PA, and graduated from Bishop Klonowski Catholic High School in Scranton. He received a Bachelor's Degree in Criminal Justice Administration

from Mansfield University. Mangan and his wife Anita have two daughters; Ashley (20) and Britney (18).



BASEBALL OPS

HISTORY

MAJOR LEAGUE & PRO SCOUTS



Mike Basso M.L. Advance Scout



Ricky Bennett Major League Scout



Carlos Berroa Pro Scout



John Birkbeck Scouting Assistant



Jim Dedrick M.L. Advance Scout



Rodney Henderson Pro Scout



Andrew Lorraine Pro Scout



Bob Minor Maior League Scout



Alvin Rittman Pro Scout



Everett Russell Pro Scout



Matt Taylor Scouting Assistant



Gary Varsho Pro Scout

NATIONAL & REGIONAL SUPERVISORS



Jack Bowen National Supervisor



Jimmy Lester National Supervisor



Jesse Flores West Region Supervisor



Trevor Haley Midwest Region Supervisor



Sean Heffernan



Max Kwan Southeast Region Supervisor Asst. Director, International Scouting/NW Supervisor

AREA SUPERVISORS



Rick Allen Central CA, Los Angeles, Hawaii



Matt Bimeal AR, KS, MO, NE



Adam Bourassa KY, MI, OH, Western PA Eastern Canada



Eddie Charles CT, MA, ME, NY, NH, RI, VT Northern NJ



Phil Huttmann Northern TX. OK Northern Louisiana



Jerry Jordan TN, NC



Wayne Mathis Southern LA, Southern TX



Darren Mazeroski AL, MS North Florida



Tim Osborne GA, SC



Nick Presto FL, Puerto Rico



Dan Radcliff DE, MD, VA, WV, D.C. Southern NJ, Eastern PA



Mike Sansoe Northern CA, NV



Brian Tracy Southern CA



Derrick Van Dusen AZ, CO, NM, UT, Las Vegas, El Paso



Anthony Wycklendt IL, IN, IA, MN, ND, SD, WI

INTERNATIONAL FULL-TIME SUPERVISORS



Fu Chun Chiang Taiwan



Orlando Covo Supervisor, Colombia



Tom Gillespie Europe



Tony Harris Australia



Nelson Lienas Scout, D.R.



Scouting Supervisor, D.R.



Scout, D.R.



Cristino Valdez Dominican Republic

INTERNATIONAL & NORTH **AMERICAN** SCOUTS

III I BIIIIA I IBIIAI	. G NUILLI A
Amaro Costa	Argentina
Eugene Helder	Aruba
Geron Sands (full-time)	The Bahamas
Jose Mosquera, Robinson Ortega, Cristobal Santoya	Colombia
Julio Dominguez	Cuba Specialist
Mark VanZanten	
Esteban Alvarez, Denny Diaz, Aneudy Mercado, Cesar Sab	a, Christian Valdez D.R.

John Akel	
Anthony Malcolm, Quaver Stewart, Leon Taylor	
Jose Lavagnino, Juan Perea, Jesus Valdez (Diaz)	Mexico
Jose Pineda	Panama
Enrique Hernandez	Puerto Rico
Lewis Shaw	. United States
Pablo Csorgi, Jhoan Hidalgo, Javier Magdaleno & Juan Morales	Venezuela

LARRY BROADWAY

LARRY BROADWAY is in his seventh year of overseeing Pittsburgh's Minor League Operations, having been named to his current position on September 16, 2011. He was the organization's Area Scouting Supervisor the previous two seasons, responsible for the four-corners area of the United States (AZ, CO, NM, UT, Las Vegas and El Paso, TX).

In his current role, Larry manages the day-to-day minor league operations, including the club's seven affiliates in the United States as well as the organization's Academy in the Dominican Republic.

The Double-A Altoona Curve captured the Eastern League championship in 2017, the third straight year in which a Pittsburgh minor league team took home a league title.

Widely considered one of the best minor league systems in MLB, Broadway oversaw a staff that was named Organization-of-theyear by Baseball America in 2015. The same publication ranked the Pirates as having the top farm system in all of baseball prior to the start of the 2014 season.

Josh Bell, ranked by MLB.com as the best first base prospect in minor league baseball, made his Major League debut in 2016, and finished third in the voting for National League Rookie-of-the-Year in 2017.

The Player Development staff has also overseen the growth and production of two-time Gold Glove Award winning outfielder Starling Marte, pitcher Jameson Taillon, super utility player Adam Frazier, catcher Elias Diaz and outfielder Gregory Polanco.

A graduate of Duke University, Broadway was selected by the Montreal Expos in the third round of the 2002 First-Year Player Draft and made his professional debut with the Vermont Expos that summer, homering in his first at bat. After hitting .295 at three different levels in 2003, Larry entered the '04 campaign

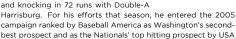
BRAD FISCHER

SENIOR DIRECTOR

ranked by Baseball America as the franchise's third-best prospect.

Broadway produced one of his finest offensive seasons in 2004, batting .270 and hitting a career-high 22 home runs and knocking in 72 runs with Double-A

Today Sports Weekly.



In his eight minor league seasons (2002-09), Broadway compiled a .272 batting average, going 749-for-2744 with 166 doubles, 12 triples, 104 home runs and 413 RBI in 804 games. He was a member of the South Atlantic League All-Star team in 2003 and the Pacific Coast League All-Star team in 2006. His final season came in 2009 when he played at the Triple-A level within the Pittsburgh organization, making 69 appearances with Indianapolis.

In addition to making 711 appearances at first base, 23 in left field and four in right field during his professional playing career, Broadway recorded a 3.48 ERA (10.1ip/4er) in nine games as a pitcher. He posted a 2.70 ERA (6.2ip/2er) in five games with Triple-A Columbus in 2008 and a 4.91 ERA (3.2ip/2er) in four games with Indy in 2009.

Larry was born on December 17, 1980, in Miami, FL, and grew up in West Palm Beach. He currently resides in Parrish, FL, with his wife Amanda and sons Bourne (5) and Brooks (2). In 2009, Larry received the Pirates Community Commitment Award for his community service while playing with Triple-A Indianapolis.

SENIOR FIELD

Born June 28, 1956 in Blissfield, Ml., Resides in McFarland, Wl. with his wife Mary...Has four children; sons Dan (36) and Ryan (24) and daughters Kelly (33) and Katie (29)...Is in his second season as the Senior Field Coordinator after spending the previous two seasons as a coach on Clint Hurdle's Major League staff...Was also Pittsburgh's Minor League Field Coordinator for three years (2012-2014) after serving as an Advisor for Player Development in 2011...Returned to Pittsburgh organization in 2011 after serving as the Brewers Third Base Coach in 2009-2010...Was Pittsburgh's minor league catching coordinator and the manager at shortseason State College in 2008...Prior to joining the Pirates in 2008. he spent 29 seasons in the Oakland organization, 12 at the Major League level...Was Athletics Bullpen Coach in 1996 and First Base Coach in 1997...Returned to bullpen in 1998 and spent five seasons there...Was First Base Coach again for three years (2003-05) before spending last two years as the Bullpen Coach...Was signed by Oakland as a non-drafted free agent prior to 1978 season... Former catcher played one full season (with Bend in 1978), but did appear in emergency situations with Madison in 1983 and 1984...Began 11-year managerial career with Single-A Medford in

1980...Captured the Northwest League championship and Manager-of-the-Year honors after guiding Medford to a 42-28 regular-season record in 1981...Skippered Madison to Midwest League title in 1982 and a playoff appearance in 1984... Managed at Double-A Huntsville for three

years (1985-87) and took his team to the playoffs each season, winning the Southern League championship in 1985...Finished his managerial career in Oakland system with Triple-A Tacoma (1988-1990), where he reached the post-season his final season... Has posted a 761-726 record and nine winning seasons in his 12 years as a minor league manager (.512 winning pct.)...Was a minor league instructor for the Athletics following managerial career (1991-93) and also spent two seasons as the assistant director of player development...Is a 1974 graduate of Blissfield (MI) High School...Attended Western Michigan University in Kalamazoo and earned a B.S degree in Industrial Education...Hit .352 with 34 RBI in 40 games as a senior before signing with Oakland.



BOBBY SCALES

Born October 4, 1977 in Southfield, MI...Resides in Roswell, GA, with his wife Monica, who holds a Ph.D. in Health Communication...

Has one son; Bobby III (5)...Is in his first season with the Pirates after spending the 2017 season in private industry...Also spent four years (2013-16) in the front office with the Angels; three as the Director of Player Development and his final year as a Special Assistant to General Manager Billy Eppler...His playing career spanned 14 years on two continents...Was originally selected by San Diego in the 14th round of the 1999 June Draft...Made his Major League debut with the Cubs on 5/5/09 and singled off San Francisco's Tim Lincecum for his first big league hit...His first home run was a pinch-hit shot off San Diego's Edwin Moreno

COORDINATOR

at Wrigley Field on 5/12/09...Spent two seasons (2009-2010) with Chicago before playing in Japan for two years; with the Nippon-Ham Fighters in 2011 and with the Orix Buffaloes in 2012...A switch-hitting infielder/outfielder during his playing days, he produced a .248 batting average, three home runs and Major League games...Is a 1999 graduate



batting average, three home runs and 17 RBI in a total of 61 Major League games...Is a 1999 graduate from the University of Michigan, where he received a degree in sports management and communication.

SCOTT MITCHELL

Born March 19, 1973 in San Pablo, CA...Resides in Blackwood, NJ, with his wife JeanMarie...Has three daughters; Alyssa (15), Olivia (13) and Sophia (11)...ls in his second season as Senior Pitching Coordinator after spending five years as the Minor League Pitching Coordinator...His first year with the Pirates (2011) was spent as the Assistant Pitching Coordinator...Spent nine years (2002-2010) in the Marlins organization, the last two as the Pitching Coach at Triple-A New Orleans...Also had stints on the coaching staffs with Double-A Carolina (2005, 2007-08), Class-A

SENIOR PITCHING COORDINATOR

Greensboro (2003-04) and Class-A Jamestown (2002)...Was selected by Montreal in the 22nd round of the 1995 June Draft out of the University of Pacific...Spent seven years (1995-2001) pitching in the Montreal farm system,



advancing as high as the Triple-A level...Went 36-25 with seven saves and a 3.92 ERA in 190 career games (60 starts).

GARY GREEN

Born January 14, 1962 in Pittsburgh, PA., Resides in Arlington, TX...Is in his 13th season with Pittsburgh organization, his eighth straight as the Minor League Infield Coordinator...Managed four years in the South Atlantic League with West Virginia (2009-2010) and Hickory (2007-2008). Posted a 43-26 record in the second half of 2007 season to capture the division and advance to the postseason; was eliminated by West Virginia in the first round...Managed Class-A Lynchburg in 2006...Served as manager with Lakeland, the Tigers Class-A affiliate in the Florida State League for three years (2002-2004)...Also managed Oneonta, the Tigers' New York-Penn League entry for two years (2000-2001) and the Gulf Coast League Tigers in 1999...Has compiled a 588-713 (.452) record in his 11 years as a minor league manager... Originally drafted as a shortstop by the San Diego Padres in the 1984 June draft...Played in the San Diego organization from 1985-89...Also spent two years in the Texas Rangers system

INFIELD COORDINATOR

and concluded his playing career in the Cincinnati organization from 1992-1995...Made Major League debut with the Padres in 1986 and compiled a .222 (40-for-180) average and 11 RBI in 106 career games with San Diego (1986 & 1989), Texas (1990-1991) and Cincinnati organization in 1997, working as a coach



1989), Texas (1990-1991) and Cincinnati (1992)...Joined Detroit organization in 1997, working as a coach at Jamestown (A) for the final month of the season; he then spent the '98 campaign as a coach with Lakeland before assuming his managerial duties the following year...Played four years of baseball at Oklahoma State and was the starting shortstop for Team USA in the 1984 Olympic Games...His father, Fred, pitched for the Pirates and was a member of the 1960 World Champion team.

LARRY SUTTON

Born May 14, 1970 in West Covina, CA...Resides in Lakewood Ranch, FL, with wife Monica and twin daughters Sophia and Isabella (11)...ls in his fifth season as the Hitting Coordinator after working the previous two years as the Dominican Field Coordinator with the Pittsburgh organization...Spent four years (2008-2011) as Kansas City's Hitting Coach in the Dominican Summer League...Former first baseman/outfielder played parts of seven seasons in the Major Leagues with Kansas City (1997-1999), St. Louis (2000-2001), Oakland (2002) and Florida (2004)...Hit .236 (135-for-572) with 12 homers and 78 RBI in 252 big league games...Collected first Major League hit (single) on

HITTING

8/19/97 off Baltimore's Esteban Yan and connected off Toronto's Chris Carpenter for first home run on 8/24/97 (at KC)... Hit .293 (1064-for-3632) with 148 home runs and 669 RBI in 1021 games during his 11-year minor league career...Ended



his playing career with a three-year stint in Korea, where he led the league with 35 home runs in 2005...Originally selected by Kansas City in the 21st round of the 1992 First-Year Player Draft... Played baseball at the University of Illinois.

DAVE TURGEON

Born May 15, 1965 in New London, CT...Resides in Palmetto, FL, with wife Theresa...Has four children; daughters Calli (33), Alissa (30) and Francesca (16) and son Christian (26)...Is in his eighth season with the Pittsburgh organization, his fourth straight as the Coordinator of Instruction...Will also serve as the Manager for the Gulf Coast League Pirates in 2018...Served as the Assistant Field Coordinator in 2014...Managed Jamestown to a 43-32 record and a postseason berth in the New York-Penn League in 2013 while overseeing a club-record seven players being named to the league's mid-season All-Star team... Managed State College to a 35-41 record in the New York-Penn League in 2012...Served as pitching coach at West Virginia in 2011...Spent four years (2007-2010) as Virginia Tech's associate head coach and pitching coach prior to joining the Pirates...Was the associate head coach and recruiting coordinator at Duke University during the 2006 season...Spent the 2005 and 2004 seasons as the associate head coach/pitching coach at the University of Connecticut and oversaw the pitching staff and recruiting at Boston College during the 2002-03 academic year... Was selected by the Yankees in the 22nd round of the 1987 First-Year Player Draft and spent four seasons as an infielder in the New York farm system, where he played for both Stump Merrill and Buck Showalter... Also played in Holland (1991), France (1992), Taiwan (1993-96, 1998) and Mexico (1997-99)...Was converted

COORDINATOR OF INSTRUCTION/GULF COAST

to pitcher while playing in Europe in 1992...Returned to the United States and pitched for the Rochester Red Wings (Orioles' AAA) in 1998...Was a threetime All-Star selection in Taiwan and also captured 1998 Player-of-the-Year honors while playing with the Reynosa Broncos Managed the Burlington Indians in 20. Valley Scrappers the following season...If Cleveland's extended spring training or



while playing with the Reynosa Broncos in the Mexican League... Managed the Burlington Indians in 2000 and the Mahoning Valley Scrappers the following season...Began 2002 working at Cleveland's extended spring training program in Winter Haven, FL, and was set to return to Mahoning Valley before leaving for Boston College...Is a 1987 graduate of Davidson College, where he earned a bachelor's degree in history...Was a three-time All-Southern Conference selection at third base for the Wildcats and earned all-region honors his senior year...Was inducted into the Davidson College Athletic Hall-of-Fame in 2005, and into the St. Bernard High School Hall-of-Fame in Uncasville, CT, in 2006... His brother Steve played baseball in the St. Louis Cardinals organization and his other brother. Mike, was a minor league Player-of-the-Year and batting champ with the Chicago Cubs and San Francisco Giants organizations...His nephew, Casev. played four seasons (2014-17) in the St. Louis organization and his nephew, Erik, pitched for five seasons, including with Bradenton and Altoona in 2012.

HISTORY

MENDY LOPEZ

Born October 15, 1973 in Pimentel, Duarte, D.R....Resides in Santo Domingo, D.R. with his wife Yazmin and three children; daughter Carson (21) and sons Mendy (17) and Gerald (12)...Is in his second season as the Latin American Field Coordinator after serving as the Manager for the Dominican Summer League Pirates for three seasons...Posted a 27-42 record in 2016, a 30-42 mark in 2015 and a 34-36 ledger in 2014...Played 21 seasons of professional baseball from 1992-2013, which included seven years in the Major Leagues with the Royals (1998-1999, 2003-2004), Marlins (2000), Astros (2001) and Pirates (2001-2002)...Produced a .242 (102-for-422) batting average, six home runs and 40 RBI in 190 big league games while making 87 appearances at shortstop, 35 at second base, 25 at third base, 19 at first base, four in right field and three

in left field...Made Major League debut with Kansas City on 6/3/98...Singled off Chicago's Jaime Navarro on 6/4/98 for first big league hit and connected off Seattle's Jamie Moyer for his first home run on 9/12/98...Was claimed off waivers

by Pittsburgh from Houston on 8/13/01

and appeared in 22 games with the Pirates in 2001 and three in 2002 before finishing his big league career with the Royals in 2003 and 2004...Also played one season (2005) with Samsung

in the Korean Baseball Organization...Spent the last eight years



AMAURY TELEMACO

Born January 19, 1974 in Higuey, Dominican Republic...Resides in La Romana, D.R. with wife Deyanira...Has two children; son Amaury, Jr. (19) and daughter Lauren (15)...Is in his fourth season as the Pirates Latin American Pitching Coordinator... Spent previous five seasons (2010-2014) serving the Boston Red Sox as their Pitching Coach in the Dominican Summer League... Pitched nine years in the Major Leagues with the Cubs (1996-1998), Diamondbacks (1998-1999) and Phillies (1999-2001, 2003-2005)...Former right-handed pitcher produced a 23-35 record and a 4.94 ERA (561,0ip/308er) in 219 big league games (64 starts)...Tossed lone complete game on 6/6/01 vs. New York

of his playing career (2006-2013) in Mexico.

(NL)...Made Major League debut with the Cubs on 5/16/96 and no-hit the Astros for 5.2 innings en route to a 13-1 victory... Made final appearance in the Majors with the Phillies on 7/1/05...Was originally signed by Chicago (NL) as a non-drafted



free agent on 5/23/91 at the age of 17...Went 60-65 with 19 complete games and a 3.63 ERA in 196 minor league games (187 starts) between 1992 and 2005...Spent 2006 season pitching with the LG Twins in the Korean Baseball Organization.

LUIS SILVERIO

Born October 23, 1956 in Villa Gonzalez, D.R....Resides in Parkland, FL, with wife Yenny...Has five children; daughters Jennifer (37), Alison (33) and Julia (21) and sons Louis (24) and Luis Jr. (23)...Is in his sixth season as the Senior Advisor to Latin American Operations...Served as a coach with La Romana and as the manager with Gigantes during the Dominican Winter League during the 2013 off-season...Was Clint Hurdle's First Base Coach in 2011 and 2012...Spent 35 years in the Kansas City Royals organization, most recently as the minor league outfield coordinator in 2010...Was a member of Kansas City's Major League staff for six seasons (2003-2008), manning the first base coaching box for three years and the third base box for three...Worked as the Royals Coordinator of Dominican Republic Operations (2000-2002) and served as General Manager for the team's Domincan League affiliate in Salcedo from 1990-2002 while also overseeing Kansas City's player development

and scouting in the D.R. and Panama... Originally signed by the Royals as a non-drafted free agent on November 12, 1973...Led Gulf Coast League in home runs and was named to the All-Star team in 1975...Appeared in eight games for the



American League West champion Royals in September of 1978 and went 6-for-11...Made his Major League debut at California on September 9, 1978 and singled off Nolan Ryan the following day for his first big league hit...Missed 1979 season due to right knee surgery and retired as a player following the 1982 campaign... Comes from a family of 15 (seven girls and eight boys)...Received offers from the Montreal Expos and Philadelphia Phillies in the summer of 1973 before signing with the Royals.

PIRATES MINOR LEAGUE PLAYERS AND PITCHERS OF THE YEAR

Since 2000, the Pirates have been honoring a minor league player and pitcher with a yearly award. They are recognized for their achievement during a September pregame ceremony at PNC Park in Pittsburgh and a plaque hangs on the wall in the Woody Huyke clubhouse in Bradenton showing each winner.

YEAR	PITCHER OF THE YEAR	PLAYER OF THE YEAR
2000	Wilson Guzman	J.R. House
2001	Sean Burnett	Humberto Cota
2002	Sean Burnett	Walter Young
2003	lan Snell	Chris Shelton
2004	Zach Duke	Brad Eldred
2005	Paul Maholm	Jose Bautista
2006	Tom Gorzelanny	Andrew McCutchen
2007	John Van Benschoten	Steve Pearce
2008	Jeff Sues	Jim Negrych

YEAR	PITCHER OF THE YEAR	PLAYER OF THE YEAR
2009	Rudy Owens	Pedro Alvarez
2010	Rudy Owens	Alex Presley
2011	Kyle McPherson	Robbie Grossman
2012	Jeff Locke	Gregory Polanco
2013	Tyler Glasnow	Andrew Lambo
2014	Tyler Glasnow	Josh Bell
2015	Yeudy Garcia	Max Moroff
2016	Mitch Keller	Josh Bell
2017	Steven Brault	Jordan Luplow

HISTORY

TOM FILER

Born December 1, 1956 in Philadelphia, PA...Resides in Langhorne, PA, with wife Barb...Has two sons; T.C. (33) and Corey (31)...Is in its ninth season with Pittsburgh organization, his fourth straight as the Assistant Pitching Coordinator...Is also serving as the Pitching Coach with the West Virginia Black Bears...Spent 2016 season with Bristol...Worked in same capacity for the New York-Penn League champion Black Bears in 2015...Spent four seasons (2011-2014) with Indianapolis...Was the Pitching Coach with Altoona in 2010...Spent six seasons in Philadelphia development system, working as Pitching Coach with Williamsport in 2009 after spending four years (2005-2008) in same capacity with Double-A Reading...Was Pitching Coach with Lakewood (A) in 2004...Began coaching career in the Yankees minor league system, where he spent nine seasons (1994-2002) with the GCL Yankees, Oneonta, Greensboro, Norwich and Columbus...

ASSISTANT PITCHING COORDINATOR

Spent 2003 season as Pitching Coach with Syracuse (Blue Jays' AAA) before joining Philadelphia in 2004...Also coached in the Arizona Fall League in 1996 and 1998...Former RHP spent parts of six seasons in the Majors with the



Cubs (1982), Blue Jays (1985), Brewers (1988-1990) and Mets (1992)...Compiled a 22-17 record and a 4.25 ERA in 67 big league games (51 starts)...Picked up first Major League win on 7/3/82... Began 1988 season with back-to-back complete games (his only two in the Majors), which included his lone shutout on 5/24/88 at Detroit...Is a 1974 graduate of Philadelphia's Archbishop Ryan High School and received a Bachelor of Science degree in marketing from LaSalle University.

WOODY HUYKE

Born September 28, 1937 in San Juan, P.R...Resides in Bradenton, FL, with wife Ann Marie...Is in his 60th season of professional baseball, having been associated with the Pirates each of the last 49 years...Managed more than 1,800 games in his 31 years as a minor league skipper and posted a 777-1057 record...Guided Bradenton to winning seasons in each of his last three years as amanager...Earned back-to-back postseason berths in 2002-03, his first-ever trips to the playoffs...Began managerial career with Niagara Falls in 1973...Managed Bradenton every year from 1974 thru 2004, with the exception of 1988 (manager at Augusta) and 1990 (coach at Bradenton)...Had new clubhouse at Pirate City in Bradenton named in his honor on March 3, 1999...Began playing

SENIOR ADVISOR PLAYER DEVELOPMENT

career in Hastings, NE, after signing with San Francisco in 1959...Was drafted by Oakland the following year and spent nine seasons in their farm system before coming to the Pittsburgh organization in 1969...Was presented with the Mike



Coolbaugh Award at the 2010 Winter Meetings - an award given to an individual who has shown an outstanding baseball work ethic, knowledge of the game and skill in mentoring young players on the field...Also received the 2010 Pride of the Pirates Award.

MIKE LUM

Born October 27, 1945 in Honolulu, Hl...Resides in Honolulu... Has one daughter; Ginger (29)...ls in his ninth season with the Pittsburgh organization - his 34th overall as a coach/instructor in professional baseball...Served as the Hitting Coach with the GCL Pirates in 2014...Spent four seasons (2006-2009) as the minor league hitting coordinator with the Milwaukee Brewers before joining the Pirates...Also served as Hitting Coach with West Virginia (Brewers' Class-A) in 2006...Spent 16 seasons working as the hitting coordinator in the Chicago White Sox organization (1990-2005)...Also spent two seasons as a roving instructor with Kansas City (1987) and San Francisco (1986)...Was the White Sox Hitting Coach under Manager Tony La Russa in 1985 after beginning his coaching career with the Sox a minor league hitting instructor...Played 15 seasons in the Major Leagues with

SENIOR ADVISOR, PLAYER DEVELOPMENT

the Braves (1967-75, 1979-81), Reds (1976-78) and Cubs (1981)...Compiled a .247 average, 90 home runs and 431 RBI in 1,517 career games in the big leagues, winning a World Series with the Reds in 1976...Played with the Taiyo Whales in



Japan in 1982...Attended Brigham Young University...Is the only player to ever pinch hit for Hank Aaron, doubling with the bases loaded in a 15-3 win over the Mets on 5/22/69...Received the club's inaugural Chuck Tanner Award in spring training 2011, an annual award given to the Minor League staff person who best exemplifies Tanner's optimism. work ethic and leadership.

CECILIO BELTRE

Born November 22, 1962 in San Pedro de Macoris, D.R....Resides in San Pedro de Macoris with his wife Sandra Diaz...Has four children; sons Juan (33), Bienvenido (30) and Sergio (15) and daughter Alexandra (27)...Is in his 16th season with the Pittsburgh organization, his first as a Senior Advisor for the Dominican Summer League team...Spent the last 15 years as a coach with the DSL Club...Played for the DSL Dodgers as a catcher and third

SENIOR ADVISOR

baseman in 1988...Received the Chuck Tanner Award in spring training 2015, an award given annually since 2011 by the Pirates Player Development department to the minor league staff person who best exemplifies Tanner's optimism, work ethic and leadership.



BERNIE HOLLIDAY

Born June 16, 1973 in Philadelphia PA...Resides in Bradenton, FL, with wife Annie and daughter Elisa (6)...Is in his ninth season with the Pittsburgh organization, having joined the club on January 4, 2010...Was promoted to the Director of Mental Strength in 2012 after serving the previous two seasons as the Mental Strength Coordinator...Worked two years (2008-2009) as the Master Trainer for the Army Center for Enhanced Performance at West Point, NY, teaching sport psychology principles to soldiers and training ACEP staff to provide sport psychology services in military settings...Also spent four years as a Performance Enhancement Instructor for the Center for Enhanced Performance at The United States Military Academy at West Point, teaching sport psychology principles to NCAA Division I cadet-athletes to improve their athletic, academic, and

military performance...Served one year (2003) as the Director of

DIRECTOR OF MENTAL STRENGTH

Mental Conditioning at the Evert Tennis Academy in Boca Raton, FL...Spent 1998-2003 as a consultant and Program Co-Coordinator for Vandal Sport Psychology Services at the University of Idaho, providing sport psychology



services to University of Idaho and Washington State University athletes, coaches, and teams...Completed his Bachelor of Science degree in Criminal Justice from Kutztown University in 1996...Also received a Master's Degree (2001) and a Ph.D.(2007) in Sport Psychology from the University of Idaho...ls certified through the Association of Applied Sport Psychology as a Certified Mental Performance Consultant and through the National Strength and Conditioning Association as a CSCS Certified Strength and Conditioning Specialist.

HECTOR MORALES

Born August 26, 1966 in Manati, Puerto Rico...Resides in Parrish, FL, with wife Marisol and son Francisco, who will be a junior in high school this season...His daughter Meagan and older son Hector are both students at the University of South Florida studying their masters and undergraduate in education respectively... Is in his fifth season with the Pittsburgh organization, having joined the club in June 2014...Was promoted to Director of Cultural Initiatives in 2017 after serving as a Mental Conditioning Coordinator for two years... As the Director of Cultural Initiatives and Peak Performance Coach, Hector coordinates and provides vision for all the programs that contribute to the development of the Pirates' international players helping their assessment, education, transition, integration and performance...Is a retired US Army Officer with 26 years of military service, culminating his career as an Academy Professor at the U.S. Military at West Point in 2014...At West Point he coached the Judo Team to their first National Championship in 50 years, was a Master Fitness Trainer in charge of the personal fitness course for the Corps' of Cadets,

DIRECTOR OF

and a Master Combatives Instructor who certified over 1,000 soldiers as combatives instructors for the Army... Was the Head Coach of the U.S. Armed Forces Judo team from 2003 until 2013, taking the team to six World Mili-tary



Judo Championships...Worked as a performance enhancement consultant with developmental and collegiate baseball organizations from 2008-2014...Completed his Bachelor's Degree in Kinesiology from the University of Puerto Rico in 1990, his Master's in Kinesiology from the University of Georgia in 1998, and his PhD in Sport and Exercise Psychology from Florida State University in 2008...ls certified through the Association of Applied Sport Psychology as an Certified Mental Performance Consultant, a member of the U.S. Olympic Committee Sport Psychology Registry, and a member of the APA Division 47: Sport and Exercise Psychology.

TYSON HOLT

Born March 22, 1983 in Dalton, GA...Resides in Parrish, FL, with wife Tamara and daughters Kayden (7) and Athena (2)...ls in his seventh season as Pittsburgh's Mental Strength Coordinator... Served two previous years (2010-2011) as a Performance Enhancement Specialist for the United States Army's Comprehensive Soldier Fitness - Performance and Resilience Enhancement Program (CSF-PREP) at Fort Gordon, GA... Provided mental skills education to soldiers, family members, and DA Civilians in support of their personal and professional mission

COORDINATOR

readiness while working with CSF-PREP...Completed his Bachelor of Art degree in Psychology at the University of West Georgia in 2005 and his Master of Art degree in Sport Psychology at John F. Kennedy University in 2009...Is certified through the National Strength



and Conditioning Association as a CSCS Certified Strength and Conditioning Specialist.

ALLISON MAURER

Allison Maurer is in her second season with the Pirates and her first as the Director of Sports Nutrition and Fueling...Is a veteran sports dietitian with more than 13 years of experience fueling athletes from high school, collegiate, to professional athletes... Spent nearly nine years as the Sports Dietitian at the University of Tennessee (2007-2016) and was also the Sports Dietitian and an Assistant Strength and Conditioning Coach at the University of Colorado, Boulder (2004-2007)...Serves on the board of directors for The Collegiate and Professional Sports Dietitians Association

DIRECTOR OF SPORTS

(CPSDA)...Is a board certified specialist in sports dietetics (CSSD) and a certified strength and conditioning specialist (CSCS)...Received her undergraduate degree in dietetics from Olivet Nazarene University and her masters in nutrition



from Georgia State University...Resides in Knoxville, TN, with her three boys; Manuel (Manny), Emilio and Nico.

HISTORY

BRENDON HUTTMANN

The 39-year old Huttmann resides in Cranberry Township, PA, with his wife, Leigh, and daughters, Madeline (9) and Taylor (7) and son Jackson (4)...Is in his third season as the Pirates Sports Science Coordinator...Served as the Pirates Major League Strength and Conditioning Coach for four seasons (2012-2015)... Spent four years (2008-2011) in the same capacity with the Los Angeles Dodgers...Worked five seasons (2003-2007) in the Cleveland Indians organization as the club's minor league

SPORTS SCIENCE COORDINATOR

strength and conditioning coordinator... Also worked as a minor league strength coach in the Colorado organization in 2002 and with the Royals in 2001... Is a 2002 graduate of the University of Kansas, where he worked with the Jayhawks baseball team and earned a degree in exercise science and kinesiology



JOE HUGHES

Born June 2, 1961 in San Antonio, TX...Resides in Gainesville, FL... Is in his eighth season with the Pittsburgh Pirates organization... Served as the Minor League Athletic Development Coordinator his first four years...Spent two seasons (2004-2005) with the San Diego Padres as their Major League Strength and Conditioning Coordinator after working close to five years as the minor league strength and conditioning coordinator with the Cleveland Indians...Is a member of both the National Strength and Conditioning Association and the American College of

STRENGTH AND CONDITIONING COORDINATOR

Sports Medicine...Completed his undergraduate work (Biology) at Texas A&M University and his graduate studies (Exercise Physiology and Biochemistry) at the University of Texas...Served as a graduate assistant Strength and Conditioning coordinator



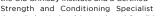
for the University of Texas (1995-1997) before joining the Indians organization, where he worked with Double-A Canton-Akron in 1997-1998.

A.J. PATRICK

Born June 17, 1983 in Tallahassee, FL...Resides in Sarasota, FL...Is in his fourth season with the Pirates organization - his first as the Senior Coordinator of Rehab and Athlete Development...Spent his first three years serving as the Minor League Rehab Coordinator/ Physical Therapist...Worked one year as the Lead Physical Therapist with United States Army Special Operations (MISOC) THOR3 Program at Fort Bragg...Was also the Physical Therapy Consultant and Instructor in the 3600 Program...Completed his Bachelors of Science in Health Sciences at Florida A&M University in 2005 and graduated as a Doctor of Physical Therapy from

SENIOR COORDINATOR, & ATHLETE DEVELOPMENT

Nova Southeastern University in 2010... Is a Certified Orthopaedic Specialist through the American Board of Physical Therapy Specialties, a Certified Orthopaedic Manual Therapist through the Ola Grimsby Institute and a Certified



through the National Strength and Conditioning Association.



CARL RANDOLPH

Born August 10, 1971 in Caribou, ME...Resides in Riverview, FL, with wife Marlene...Is in his 18th season with the Pittsburgh organization, his third as the Medical Services Coordinator... Spent previous 14 years as the minor league athletic training coordinator...Served as a trainer for USA team at the 2013 Futures Game at Citi Field in New York...Was named minor league Trainer-of-the-Year by PBATS in 2012...Was the athletic trainer for the USA at the MLB Futures Game prior to the 2006 Major League All-Star Game in Pittsburgh...Served the Pirates as the athletic trainer with Triple-A Nashville in 2001...Spent eight seasons in the Yankees farm system prior to joining the Bucs...

MEDICAL SERVICES COORDINATOR

Worked three seasons (1998-2000) as the head athletic trainer at the Double-A level with Norwich after spending three seasons (1995-1997) with Tampa in the Florida State League...Began his association with the New York Yankees



as the athletic trainer with Class-A Oneonta while receiving a B.S. degree from the University of Maine at Orono in December of 1994...Received a Master's Degree in Kinesiology from A.T. Still University. in Mesa. AZ. in June 2015.

PIRATES ALL-TIME FIRST ROUND SELECTIONS

1965	Doug Dickerson, OF (10)	1984	Kevin Andersh, LHP (15)	2003	Paul Maholm, LHP (8)
1966	Richie Hebner, SS (15)	1985	Barry Bonds, OF (6)	2004	Neil Walker, C (11)
1967	Joe Grigas, OF (16)	1986	Jeff King, 3B (1)	2005	Andrew McCutchen, OF (11)
1968	Dick Sharon, OF (9)	1987	Mark Merchant, OF (2)	2006	Brad Lincoln, RHP (4)
1969	Bob May, RHP (10)	1988	Austin Manahan, SS (13)	2007	Daniel Moskos, LHP (4)
1970	John Bedard, RHP (13)	1989	Willie Greene, SS (18)	2008	Pedro Alvarez, INF (2)
1971	Craig Reynolds, SS (22)	1990	Kurt Miller, RHP (5)	2009	Tony Sanchez, C (4)
1972	Dwayne Peltier, SS (23)	1991	Jon Farrell, C/OF (24)	2010	Jameson Taillon, RHP (2)
1973	Steve Nicosia, C (24)	1992	Jason Kendall, C (23)	2011	Gerrit Cole, RHP (1)
1974	Rod Scurry, LHP (11)	1993	Charles Peterson, OF (22)	2012	Mark Appel, RHP (8)
1975	Dale Berra, SS (20)	1994	Mark Farris, SS (11)	2013	Austin Meadows, OF (9)
1976	Jim Parke, RHP (21)	1995	Chad Hermansen, SS (10)		Reese McGuire, C (14)
1977	Anthony Nicely, OF (18)	1996	Kris Benson, RHP (1)	2014	Cole Tucker, INF (24)
1978	Brad Garnett, 1B (19)	1997	J.J. Davis, OF (6)	2015	Kevin Newman, INF (19)
1979	No Pick	1998	Clint Johnston, LHP (15)		Ke'Bryan Hayes, INF (32)
1980	Rich Renteria, SS (20)	1999	Bobby Bradley, RHP (8)	2016	Will Craig, INF (22)
1981	Jim Winn, RHP (14)	2000	Sean Burnett, LHP (19)	2017	Shane Baz, RHP (12)
1982	Sammy Khalifa, SS (7)	2001	John Van Benschoten, RHP (8)		
1983	Ron DeLucchi, OF (12)	2002	Bryan Bullington, RHP (1)	Bold o	lenotes Major League player

YE.	<u>AKLY MINUH</u>	LEAGUE BAI	IING LEADER2	1330-501\
YEAR	AVERAGE (MIN. 300 PA)	HR	RBI	STOLEN BASES
1990	M. Ryan334	M. Romero/C. Estep17	M. Romero90	A. Manahan34
1991	K. Young328	B. Shelton15	B. Shelton75	S. Bullett63
1992	K. Young314	M. Neff23	B. Dorsett102	T. Womack50
1993	R. Morman 320	R. Morman/R. Aude22	R. Aude89	T. Womack49
1994	T. Beamon3232	M. Johnson23	D. Clyburn90	T. Womack41
1995	K. Osik 331	M. Franklin/G. Canale21	G. Canale102	D. Swafford52
1996	J. Allensworth330	C. Hermansen24	J. Guillen94	A. Brown 45
1997	M. Martinez 331	A. Ramirez29	A. Ramirez114	T. Freeman 47
1998	D. Brinkley355	C. Hermansen28	D. Lankford89	V. Gutierrez60
1999	R. Montgomery 331	C. Hermansen32	C. Hermansen97	K. DeHaan46
2000	J. House348	C. Wilson33	A. Hyzdu106	T. Alvarez52
2001	T. Alvarez326	J. Cotten25	J. Cotten/Y. DeCaster78	M. Ravelo70
2002	C. Shelton340	J. Bonifay26	W. Young103	M. Ravelo42
2003	N. Morgan343	B. Eldred28	W. Young87	T. Redman42
2004	J. Keppinger334	B. Eldred38	B. Eldred137	R. Davis 57
2005	V. Buttler328	B. Eldred28	J. Bautista94	R. Thompson58
2006	B. Lillibridge305	S. Pearce26	B. Corley100	P. Powell63
2007	S. Pearce333	S. Pearce31	S. Pearce113	P. Powell67
2008	J. Negrych359	J. Romak25	M. Durham/J. Keel81	N. Morgan44
2009	E. Huber301	P. Alvarez27	P. Alvarez95	J. De Los Santos53
2010	A. Presley320	B. Moss22	Q. Latimore100	E. Chambers 35
2011	R. Cabrera343	J. Mercer19	E. Gonzalez83	D. Maggi32
2012	B. Holt344	W. Garcia18	A. Dickerson90	G. Polanco40
2013	I. DeJesus, Jr319	A. Lambo32	A. Lambo99	F. Pie/G. Polanco38
2014	G. Polanco328	J. Jones23	E. Espinal71	D. Maggi37
2015	H. Ramirez337	S. Allie17	J. Osuna81	T. Polo46
2016	K. Newman320	D. Ortiz17	J. Osuna69	T. Polo37
2017	J. George302	J. Luplow23	E. Espinal86	C. Tucker47

YEARLY MINOR LEAGUE PITCHING LEADERS 1990-2017

YEAR	ERA (MIN. 100.0IP)	WINS	SAVES	STRIKEOUTS
1990	D. Bird2.22	D. Taylor/J. Tracy14	D. Bird/J. Ausanio15	D. Bird141
1991	P. Miller2.01	T. Wakefield15	M. Roesler14	H. Fajardo151
1992	D. Doorneweerd 3.04	V. Cole/J. Hope11	B. Minor18	D. Doorneweerd152
1993	M. Santana3.35	R. Smith15	M. Pisciotta/T. Menendez24	M. Laplante124
1994	G. Wilson2.52	G. Wilson11	M. Pisciotta24	R. Morel152
1995	C. Peters2.33	E. Dessens15	M. Ryan27	C. Peters139
1996	C. Peters 2.26	E. Hernandez17	D. Wainhouse25	E. Hernandez171
1997	P. Ah Yat2.35	B. Arroyo/N. McDade/J. Phillips12	D. Daniels22	J. Phillips162
1998	A. France2.72	S. Lawrence/S. McConnell12	D. Daniels25	K. Lambert145
1999	D. Williams 2.92	B. Arroyo15	T. Pavlovich20	J. Grabow164
2000	J. Lopez2.60	L. Wimberly16	C. Chrysler/T. Pavlovich14	D. Williams201
2001	J. Reid2.44	J. Bennett/S. Burnett/M. Connolly 11	T. Pavlovich25	S. Burnett134
2002	S. Burnett1.80	S. Burnett/J. Miller13	D. Carrasco29	I. Oquendo149
2003	B. Borner2.25	S. Burnett/I. Oquendo14	M. Corey30	R. Vogelsong146
2004	Z. Duke1.46	Z. Duke15	C. Hernandez24	T. Gorzelanny167
2005	M. Guillory2.64	Z. Duke12	M. Corey28	T. Gorzelanny124
2006	S. Youman 2.29	L. Jacobsen14	B. Knight27	T. Redmond148
2007	J. Van Benschoten 2.56	L. Munoz14	M. Peterson29	J. Hughes109
2008	M. McSwain3.16	M. Crotta/C. Hamman9	J. Chavez14	J. Barthmaier111
2009	R. Owens2.10	D. McCutchen13	R. Rodriguez27	R. Owens113
2010	R. Owens2.46	J. Hughes/J. Locke/R. Owens12	N. Krol34	J. Locke139
2011	B. Lorin2.84	P. Irwin13	N. Krol24	K. McPherson142
2012	J. Locke2.48	R. van den Hurk14	T. Wood21	J. Wilson138
2013	T. Glasnow2.18	C. Sadler11	V. Black17	T. Glasnow164
2014	T. Glasnow1.74	C. Kuhl13	Y. Barrios15	T. Glasnow157
2015	Y. Garcia2.10	A. Coley16	B. Wood29	T. Glasnow136
2016	T. Glasnow 1.93	A. Coley/F. Duncan12	M. DuRapau22	T. Glasnow144
2017	S. Brault1.94	6 players tied 10	M. DuRapau15	L. Escobar168

OPS

STORY

MINOR LEAGUE AFFILIATES INFORMATION

INDIANAPOLIS INDIANS

AAA-INTERNATIONAL LEAGUE

HOME: Address:

TELEPHONE: WEBSITE: PRESS BOX PHONE: 2017 RECORD: VICTORY FIELD 501 W. MARYLAND ST. INDIANAPOLIS, IN 46225 [317] 269-3542 WWW.INDYINDIANS.COM [317] 269-3542

[317] 269-3542 79-63 [1ST IN WEST] LOST IN SEMI-FINALS GENERAL MANAGER: MANAGER: PITCHING COACH:

HITTING COACH: ATHLETIC TRAINER: STRENGTH COACH: PUBLIC RELATIONS: RANDY LEWANDOWSKI
BRIAN ESPOSITO
STAN KYLES
RYAN LONG
DRU SCOTT
ALAN BURR
CHEYNE REITER



ALTOONA CURVE

AA-EASTERN LEAGUE

HOME: Address:

> TELEPHONE: WEBSITE: PRESS BOX PHONE: 2017 RECORD:

PEOPLES NATURAL GAS FIELD 1000 PARK AVENUE ALTOONA, PA 16602 (B14) 943-5400 WWW.ALTOONACURVE.COM (B14) 283-3180

74-66 (1ST IN WEST) EASTERN LEAGUE CHAMPIONS GENERAL MANAGER: MANAGER: PITCHING COACH: HITTING COACH: ATHLETIC TRAINER: STRENGTH COACH: PUBLIC RELATIONS: DEREK MARTIN MICHAEL RYAN BRYAN HICKERSON KEONI DE RENNE JUSTIN AHRENS JOE SCHLESINGER TREY WILSON



BRADENTON MARAUDERS

A-FLORIDA STATE LEAGUE

HOME: ADDRESS: TELEPHONE:

TELEPHONE: WEBSITE: PRESS BOX PHONE: 2017 RECORD: LECOM PARK 1611 9TH STREET WEST BRADENTON, FL 34205 [941] 747-3031

WWW.BRADENTONMARAUDERS.COM [941] 747-3031 EXT. 4075 70-62 [2ND IN SDUTH] GENERAL MANAGER: MANAGER:

PITCHING COACH: HITTING COACH: ATHLETIC TRAINER: STRENGTH COACH: PUBLIC RELATIONS: RACHELLE MADRIGAL GERA ALVAREZ MATT FORD BUTCH WYNEGAR LEE SLAGLE LOGAN BYMAN NATE MARCH



WEST VIRGINIA POWER

A-SOUTH ATLANTIC LEAGUE

HOME: Address:

TELEPHONE: WEBSITE: 2017 RECORD: APPALACHIAN POWER PARK 601 MORRIS STREET, SUITE 201 CHARLESTON, WV 25301 [304] 344-2287 WWW.WYPOWER.COM 69-67 [4TH IN NORTHERN] GENERAL MANAGER:
MANAGER:
PITCHING COACH:
HITTING COACH:
ATHLETIC TRAINER:
STRENGTH COACH:
PUBLIC RELATIONS:

TIM MUELLER WYATT TOREGAS JOEL HANRAHAN CHRIS PETERSEN MATT DENBLEYKER NICK MASCIOLI DAVID KAHN



WEST VIRGINIA BLACK BEARS

A-NEW YORK-PENN LEAGUE

HOME: Address: MONONGALIA COUNTY BALLPARK 2040 GYORKO DRIVE MORGANTOWN, WV 26501 [304] 293-7910

TELEPHONE: Website: 2017 Record: (304) 293-7910 www.westvirginiablackbears.com 40-35 (2ND IN PINCKNEY) GENERAL MANAGER:
MANAGER:
PITCHING COACH:
HITTING COACH:
ATHLETIC TRAINER:

PUBLIC RELATIONS:

MATTHEW DRAYER
KIERAN MATTISON
TOM FILER
JONATHAN PRIETO
JORGE ISLAS
JACKIE RIGGLEMAN



GCL PIRATES

ROOKIE-GULF COAST LEAGUE

HOME: Address:

TELEPHONE: Website: 2017 Record: MCKECHNIE FIELD/PIRATE CITY 1701 27TH STREET EAST BRABENTON, FL 34208 [941] 747-3031 www.PIRATES.COM 26-34 [3RD IN NORTHEAST] MANAGER:
PITCHING COACH:
HITTING COACH:
ATHLETIC TRAINER:
STRENGTH COACH:

DAVE TURGEON

DREW BENES

KORY DEHAAN

TBA

CORY COOK



BRISTOL PIRATES

ROOKIE-APPALACHIAN LEAGUE HOME: BOYCE COX FIELD | GENER

HOME: Address:

TELEPHONE: WEBSITE: 2017 RECORD: 1501 EUCLID AVENUE BRISTOL, VA 24201 [276] 206-9946

www.bristolpiratesbaseball.com 17-49 [STH IN WEST] GENERAL MANAGER: MANAGER: PITCHING COACH: HITTING COACH: ATHLETIC TRAINER: MAHLON LUTTRELL
MIGUEL PEREZ
JOEY SEAVER
AUSTIN MCCLUNE
TYLER BROOKS



DSL PIRATES

ROOKIE-DOMINICAN SUMMER LEAGUE

HOME: Address: PIRATES OSL ACADEMY CARRETERA MELLA KM 31 LA GINA, DE HATO VIEJO DE GUERRA, SANTO DOMINGO, D.R.

TELEPHONE: [849] 622-8050 **2017 RECORD:** 36-34 [STH IN NORTH] GENERAL MANAGER:
MANAGER:
PITCHING COACH:
HITTING COACH:
COACH:
ATHLETIC TRAINER:

JC MENDOZA GAVI NIVAR DAN URBINA LUIS NATERA DANILO SANCHEZ MATT MCNAMEE

Seasons

Years Affiliated



PIRATES MINOR LEAGUE AFFILIATES

City

PIRATE	S MINOF	?
City	Years Affiliated Seas	ons
Albany, NY	1940-50	10
Alexandria, VA	1981-1983	3
Altoona, PA	1999-Present	19
Anderson, SC	1948	1
Anniston, AL	1946	-1
Asheville, NC	1961-1966	6
Augusta, GA	1988-1998	11
Bartlesville, OK	1946-1952	5
Batavia, NY	1952-1953, 1961-1965	5 7
Beaumont, TX	1957	-1
Billings, MT	1952-1956	5
Birmingham, AL	1935	1
Bradenton, FL (GCL)	1968-Present	49
Bradenton, FL (FSL)	2010-Present	8
Bristol, VA	1952-1953, 2014-Present	6
Brunswick, GA	1951-1956	6
Buffalo, NY	1979-1982, 1988-1994	11
Burlington, IA	1960-1962	3
Burlington, NC	1951-1955	3 5 1 3 3
Butler, PA	1951	1
Calgary, Alberta	1995-1997	3
Carthage, MO	1938-1940	
Charleston, SC	1950-1953, 1973-1975, 1978	8
Charleston, WV	1971-1976, 2009-Present	14
Chivacoa, Venezuela	2003	1
Clinton, IA	1954-1958, 1966-1968	8
Columbus, OH	1957-1969	13
Columbus, GA/Gastonia, NC	1958	-1
Davenport, IA	1948-1949	2 3 3 4
Denver, CO	1952-1954	3
Douglas, CA	1956-1958	3
Dublin, GA	1953-1956	4
Dubuque, IA	1959- 1960	2
El Toro, D.R.	2010-Present	6
Erie, PA	1995-1998	4
Eugene, OR	1951	1
Fargo, ND/Moorhead, MN	1947-1948	2
Ft. Lauderdale, FL	1940	1
Ft. Wayne, IN	1948	1
Gadsden, AL	1939	1
Gastonia, NC	1963-1970, 1972	9
Gloversville, NY	1940	9 1 7 3 3 7
Grand Forks, ND	1956-1962	1
Greenville, AL	1948-1950	3
Greenwood, SC	1981-1983	3
Harrisburg, PA	1940-1942, 1987-1990	1
Hickory, NC	1999-2008	10
Hobbs, NM	1960-1961	2
Hollywood, CA	1946, 1952, 1954-1957	6

1983-1986 1942-1947

6

Honolulu, HI

Hornell, NY

ı	Hutchinson, KS	1936-1938	3
ı	Idaho Falls, ID	1959	- 1
ı	Indianapolis, IN	1947-1951, 2005-Present	18
ı	Jamestown, NY	1939, 1957, 2013-2014	4
ı	Jeanette, PA	1936	- 1
ı	Kansas City, MO	1935	- 1
ı	Keokuk, IA	1947-1949	
ı	Kingsport, TN	1960-1963	4
ı	Kinston, NC	1956, 1962-1965	5
ı	Knoxville, TN	1938-1939	2
ı	Leesburg, FL	1947-48	3 4 5 2 2
ı	Lincoln, NE	1955-58	4
ı	Little Rock, AR	1934	1
ı	London, ON	1940-41	2
ı	Louisville, KY	1937	1
ı	Lynchburg, VA	1995-2009	15
ı	Lynn, MA	1983	1
ı	Macon, GA	1967, 1984-87	
ı	Mayfield, KY	1950-1952	7
ı			כ
ı	Mexico City, Mexico McKeesport, PA	1956-1957 1934, 1939-1940	7
ı		1950-1952	7
ı	Modesto, CA		1
ı	Monroe, NC	1971 1938	5 3 2 3 1 1
ı	Montreal, Quebec	2015-Present	7
ı	Morgantown, WV Moultrie, GA	1941-1942	3 2 3 7
ı			7
ı	Nashua, NH Nashville, TN	1984-1986 1998-2004	7
ı	New Iberia. LA	1948	1
ı	New Orleans, LA	1948-1956	9
ı	Niagara Falls, NY	1970-1977	8
ı	Oil City, PA	1940-1942, 1946	4
ı	Owensboro, KY	1936	1
ı	Portageville, MO	1936	i
ı	Portland, OR	1979-1982	4
ı	Portsmouth, VA	1935-1956	2
ı	Princeton, WV	1988-1989	2
١	Puducah, KY	1937	2 2 1 2 2
ĺ	Raleigh, NC	1966-1967	2
ı	Rehoboth, DE	1947-1948	2
ı	Reno, NV	1963-1964	2
ı	Riverside, CA	1947	1
ı	Salem, VA	1957-1959, 1964-1980,	
ı	Juicin, VA	1987-1994	27
١	Salinas, CA	1955	1
١	Salisbury, NC	1944, 1946-1952	8
١	Salt Lake City, UT	1958-1960	3
١	San Angelo, TX	1958	1
١	San Angelo, TX/Roswell, NM		i
١	San Joaquin, Venezuela	2004-2010	7
١	San Jose, CA	1957	í
1	222000, 01		

City	Years Affiliated	Seasons
San Jose, CA/Las Vegas, NV	1958	
San Pedro de Macoris, D.R.		7
Santo Domingo, D.R.	1992-Present	26
Santa Rosa, CA	1948	
Savannah, GA	1937-1938, 1960	3
Scranton, PA	1936	
Selma, AL	1946-1947	2
Shelby, NC	1979-1980	2
Sherbrooke, Quebec City	1972-1973	2
Shreveport, LA	1975-1978	
Springfield, OH	1934	
St. Jean, Quebec City	1952-1955	7
State College, PA	2007-2012	6
Syracuse, NY	1940	
Tallahassee, FL	1946-1950	
Tallassee, AL	1946	
Thetford Mines, Quebec City	1974	
Toronto, Ontario	1943-1944	7
Tri-City, WA	1958	
Tulsa, OK	1932-1933	7
Uniontown, PA	1947-1949	
Valdosta, GA	1939	
Vancouver, British Columbia		
Waco, TX	1948-1956	(
Waterbury, CT	1970-1971	-
	1983-1988	f
Welland, Ontario	1989-1994	ě
Wichita Falls, TX	1920-1921	2
Williamsport, PA	1954-1956, 1999-200	
Wilson, NC	1959	
Winnipeg, Manitoba	1936	
Woodbridge, VA	1984-1986	- 7
Yakima, WA	1946	
York, PA	1943-1950, 1969	9
Zebulon, NC	1991-1998	8
Zebuloli, NC	1331 1330	

BRIAN ESPOSITO

Born February 24, 1979 in Staten Island, NY...Resides in Sarasota... Is in his sixth season with the Pittsburgh organization, his first with Indianapolis...Spent 2017 season as Manager of the West Virginia Black Bears, compiling a 40-35 record en route to a second-place finish in the New York-Penn League's Pinckney Division...Spent two years (2015-2016) as Manager of the WV Power...Posted an 87-52 (.626) record in 2015; a club record in wins and the third-best winning percentage among all full-season teams in minor league baseball behind Quad Cities (.638) and Corpus Christi (.636)...Managed Jamestown to a 35-40 record and a second-place finish in 2014...Has compiled a 233-195 (.544) record in his four seasons as a minor league manager... Was a player/Coach in the Pirates farm system in 2013, but did

INDIANAPOLIS INDIANS MANAGER

not see any game action...Originally selected by Boston in fifth round of the 2000 First-Year Player Draft and played 13 seasons in the minor leagues in the Boston, Anaheim, Texas, St. Louis, Colorado, Houston and Chicago (NL) organizations...Made 688 appearances at



catcher, 22 as a pitcher, 14 at first base and one each at third base and in left field during his minor league career...Made Major League debut as a defensive replacement behind the plate with St. Louis on 6/2/07...Went hitless in three at bats with Houston in 2010...Played collegiate ball at the University of Connecticut, where he was voted team MVP in 1999.

STAN KYLES

Born February 26, 1961 in Chicago, IL...Resides in Spartanburg, SC, with wife Monica...Has one son; Marques (32), who pitched in the Milwaukee farm system in 2010...Is in his sixth season with the Pittsburgh organization, his 28th year as a minor league instructor...Has guided the Indy staff to a collective 3.29 ERA over the last three seasons, the second-best mark among all International League teams in that span...Is in his fourth straight season with Indianapolis after spending two years (2013-2014) with Altoona...Spent four seasons as the Bullpen Coach with the Brewers and 12 overall in the Milwaukee organization... Served as Pitching Coach with Triple-A Nashville for four years (2005-08) and in the same capacity at Triple-A Indianapolis

NDIANAPOLIS INDIANS PITCHING COACH

(2004), Double-A Huntsville (2002-03) and Class-A High Desert (2001)... Also coached in the Cubs farm system (1992-93, 1997-2000) and with Colorado (1994-96)...Began his coaching career with Bend of the independent Western League in 1991...Pitched for 11 seasons in



the minor leagues with the Cubs (1979-1983), Athletics (1984-87), Dodgers (1988), Giants (1989) and Brewers (1989)...Was originally selected by Chicago in the fourth round of the 1979 June Draft...Is a graduate of Wendell Phillips High School in Chicago.

RYAN LONG

Born February 3, 1973 in Houston, TX...Resides in Austin, TX, with wife Olivia and son Easton (7)...Is in his 10th season with the Pittsburgh organization and his 28th overall in professional baseball...Spent the last two years with the West Virginia Power... Served as Hitting Coach with the Bradenton Marauders in 2015 after spending three years (2012-2014) with Altoona in the same capacity...Was also Hitting Coach with Bradenton in 2011...Began his stint with the Pirates in Altoona in 2009 and was also there in 2010 when the Curve won the Eastern League title...Served two years (2007-2008) as the Hitting Coach with the Burlington Bees, Kansas City's Class-A affiliate in the Midwest League; team captured league championship in 2008...Spent six seasons

NDIANAPOLIS INDIANS HITTING COACH

(2001-2006) as a minor league coach with the White Sox prior to joining the Royals...Was part of Kannapolis team that captured South Atlantic League Championship in 2005...Was a second round selection by Kansas City in the 1991 June Draft and played 10 seasons of



pro ball from 1991-2000...Former infielder appeared in six games with the Royals in 1997 and went 2-for-9 with two RBI...Collected first Major League hit and RBI off Seattle's Randy Johnson on 7/18/97...Is a 1991 graduate of Dobie High School in Pasadena, TX.

DRU SCOTT

Born January 2, 1985 in Mulberry, IN...Resides in Fort Wayne, IN with his wife Mandy...ls in his 10th season as an Athletic Trainer in the Pittsburgh organization, his second straight at the Triple-A level...Spent previous two seasons with Altoona after working three years in same capacity with Bradenton...Also spent two seasons (2010-2011) with West Virginia after working with the Gulf Coast League Pirates in Bradenton, FL, in 2009... Received a degree in Athletic Training from Manchester (IN)

NDIANAPOLIS INDIANS

College in 2007...ls certified by National Academy of Sports Medicine (NASM) as a Corrective Exercise Specialist (CES) and a Performance Enhancement Specialist (PES)...Spent two years (2007 & 2008) working for Unity Sports Medicine, which covers West Lafayette High School.



ALAN BURR

Born September 26, 1983 in Roanoke Rapids, NC...Resides in Clay, NY, with his wife Erin...Has two sons; Carter (4) and Weston (2)...Is in his sixth season as a Strength and Conditioning Coach with the Pittsburgh Pirates organization, his second straight with Indianapolis...Was with Altoona in 2016 and 2014, the Bradenton Marauders in 2015 and the West Virginia Power in 2013...Spent six years in the collegiate ranks prior to entering Major League Baseball...Was the Assistant Strength and Conditioning Coach at Florida International University in 2011-2012 and worked in the same capacity at Central Connecticut State University from 2008-2011...Served as a Strength and Conditioning Coach intern during the summer of 2008 at the Georgia Institute of Technology...Also served as a Graduate Assistant Strength and

INDIANAPOLIS INDIANS

Conditioning Coach at Appalachian State University from 2006-2008...Began his strength and conditioning coaching career at Mike Boyle Strength and Conditioning in the summer of 2006...ls certified and is a registered strength and conditioning



is a registered strength and Conditioning Association along with being a member of the Professional Baseball Strength and Conditioning Coach Society...Is a 2008 graduate of Appalachian State University, where he received a Master's degree in Exercise Science...Is also a 2005 graduate of East Carolina University, where he received a bachelor's degree in Exercise Science.

HISTORY

MICHAEL RYAN

Born July 6, 1977 in Indiana, PA...Resides in Pittsburgh, PA, with his wife Alicia and two sons; Brennan (9) and Blake (7)...Is in his sixth season as a minor league manager, his second straight with Altoona...Guided the Curve to the Eastern League Championship in 2017...Spent two years with Bradenton, where he captured the Florida State League Championship in 2016.. Managed the West Virginia Power the previous two years...Led the Power to a clubrecord 82 wins and a first-place finish in 2013 (fell to Hagerstown in the first round of the playoffs)...Has compiled a 354-335 record in five seasons as a minor league manager...Served as a coach with Altoona in 2012 - his first year in the Pirates organization... Former outfielder finished his playing career with the Angels in 2010...Was a non-roster invitee with the Pirates in 2007 after 10 seasons in the Minnesota organization (1996-2005) and one with Atlanta (2006)...Compiled a .258 (77-for-299) batting average, seven home runs and 35 RBI in 149 career games in the Major Leagues, enjoying his best success on the field with the Twins in 2003 when he smacked five home runs and had 13 RBI while hitting .393 in 27 games...Made Major League debut with Twins on 9/20/02 at Chicago (AL) and singled off Gary Glover for first big league hit on 9/27/02 vs. Chicago...Took Anaheim's John Lackey deep for first Major League home run

on 9/1/03 and connected off Oakland's

ALTOONA CURVE CORVE

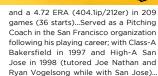


Rich Harden on 8/14/05 for his last one in the big leagues...Was originally selected by Minnesota in fifth round of the 1996 First-Year Player Draft...Was a 2002 Pacific Coast League mid- and post-season All-Star, hitting .261 with 31 homers, 101 RBI and a league-leading 282 total bases in 131 games with Edmonton... Appeared in the American League Division series with Minnesota in 2003 and went hitless in one at bat...Is a 1996 graduate of Indiana (PA) Area High School, where he played baseball, basketball and football...Was all-state in football and baseball in 1996.

BRYAN HICKERSON

Born October 13, 1963 in Bemidji, MN...Resides in Warsaw, IN, with wife Jo...Has four children; daughters Emily (26) and Claire (22) and sons Joey (25) and Tommy (20)...Is in his second season with the Pittsburgh organization - both with Altoona...Spent previous 18 years working in ministry, most of which was in the context of professional baseball and our military...Former left-handed pitcher was originally selected by Minnesota in the seventh round of the 1986 First-Year Player Draft...Made his Major League debut with San Francisco on 7/25/91 and struck out two of the three Mets batters he faced...Picked up first big league win on 8/31/91 vs. St. Louis...Spent five seasons (1991-1995) in the Majors with the Giants, Cubs and Rockies and compiled a 21-21 record, two saves

ALTOONA CURVE GUEUS PITCHING COACH





Attended the University of Minnesota, where he received a bachelor's degree in sport and exercise science in 1987...Is a 1982 graduate of Bemidji (MN) High School, where he played baseball and basketball.

KEONI DE RENNE

Born April 30, 1979 in Honolulu, Hl...Resides in Honolulu, Hl...Is in his seventh season with the Pittsburgh organization; his first at the Double-A level...Served the Glendale Desert Dogs as their Hitting Coach during the 2017 Arizona Fall League...Spent two seasons as the Hitting Coach with Bradenton; his 2016 squad led the Florida State League in batting (.265) and runs scored (638) en route to capturing the league championship...Also spent two years (2014-2015) in the same capacity with the West Virginia Power...Was the Manager for the Pirates' Summer League entry in the Dominican Republic in 2013 and guided the team to a 46-26 record and second-place finish in the Boca Chica South Division (lost to the DSL Tigers in first round of playoffs)...Served as a player/coach in Pittsburgh's farm system in 2012 after 11-year playing career ended in 2010...Originally selected by Atlanta in 12th round of the 2000 First-Year Player Draft after playing three years at the University of Arizona...Switch-hitting infielder made

ALTOONA CURVE SUBJECT HITTING COACH

professional debut with Jamestown in 2000 and led Southern League second basemen with a .986 fielding percentage while playing with Greenville in 2001... Played in 1038 games and produced a .268 batting average, 185 doubles, 19 triples, 31 home runs, 368 RBI and 77



stolen bases during his 11-year professional career...Spent time in the Atlanta, New York (AL), Arizona, Boston and Philadelphia farm systems, making his final appearance in 2010 with Triple-A Lehigh Valley...Also played three seasons (2007-09) with the York Revolution in the independent Atlantic League...Played for Team USA at the 1998 World Championship Qualifier in Managua, Nicaragua...His great grandfather, Wilbur Cooper, is Pittsburgh's all-time wins leader (202) and went 216-178 in 517 Major League games for the Pirates, Cubs and Tigers from 1912-1926.

JUSTIN AHRENS

Born August 24, 1988 in Beloit, WI, and resides in Milwaukee, WI... Is in his seventh season as an Athletic Trainer with the Pittsburg. Pirates organization, his second straight with Altoona...Spent previous two seasons with Bradenton...Was named the Florida State League's Athletic Trainer-of-the-Year in 2016...Spent previous two years with the West Virginia Power after serving 2012 season in the New York-Penn League with State College... Worked the 2011 campaign with the Oakland Athletics in the

ALTOONA CURVE

Dominican Republic as an assistant athletic trainer...Interned with the Minnesota Twins organization in 2010...Received a bachelor's degree in Athletic Training from Carroll University in Waukesha, WI, in 2011 and a Master's degree in Kinesiology from Fresno Pacific University in 2016.



JOE SCHLESINGER

Born February 15, 1989 in Cleveland, OH...Resides in Broadview Heights, OH...Is in his fifth season as a Strength and Conditioning coach with the Pirates organization...Was a member of the 2017 Eastern League champion Altoona club...Worked 2016 season with the West Virginia Power...Was a part of the staff in Morgantown, WV, which was crowned New York-Penn League Champions in 2015...Began his tenure with the Pirates in 2014 with the Jamestown Jammers...Spent parts of 2012 through 2014 at Duquesne University serving as the Strength and Conditioning

ALTOONA CURVE STRENGTH COACH

Graduate Assistant...Worked at the University of Southern California and the University of Toledo prior to his tenure at Duquesne...Is a Certified Strength and Conditioning Specialist...Is a 2011 graduate of the University of Toledo, where he



received a degree in Exercise Science, and a 2014 graduate of Duquesne University, where he received a Master's of Science degree in Sports Leadership.

GERA ALVAREZ

career-high 12 homers while playing with

Class-A Frederick in 2004...Appeared in

627 games over seven seasons of minor

league baseball, including one year (2008) with the Somerset Patriots in



Born October 31, 1979 in Oceanside, CA., Resides in Vista, CA., Is in his second season as the Manager at Bradenton; led the Marauders to a 70-62 record in 2017...Spent previous three years as the organization's Dominican Republic Academy Coordinator... Also served as manager of one of the club's DSL entries from 2012-2014...Guided the 2012 DSL 1 team to a 44-26 record and the league championship...Served as the Third Base Coach for Venados de Mazatlan in the 2017 Mexican Winter League and in the same capacity with San Pedro Estrellas during the 2016 Dominican Winter League...Was the First Base/Infielders Coach for Aguilas de Mexicali in the 2013 Mexican Winter League... Former infielder was selected by Baltimore in the 16th round of the 2002 First-Year Player Draft and made professional debut with Bluefield in the Appalachian League that summer...Hit a

the independent Atlantic League (club managed by former big league pitcher Sparky Lyle)...Also made 10 appearances as a pitcher in his career (12.1ip/12er)...Played two seasons (2001-2002) at Texas Tech University, where he batted .333 (166-for-498) with 21 home runs and 115 RBI in 126 games...Had a 30-game hitting streak, which remains a school record, and was an All-Big 12 academic

MATT FORD

BRADENTON MARAUDERS

selection.



Born April 8, 1981 in Tamarac, FL...Resides in Coral Springs, FL, with wife Dana...Is in his second season as Pitching Coach with Bradenton after serving in same capacity with the West Virginia Power in 2016...Served as a player/coach with the West Virginia Black Bears in 2015 and with Bristol in 2014...Was Toronto's thirdround selection in the 1999 First-Year Player Draft and made professional debut with Medicine Hat in the Pioneer League that summer...Former left-handed pitcher posted a 2.37 ERA with Dunedin in 2002 and was selected by Milwaukee in the Rule 5 Draft in December 2002...Made Major League debut with the Brewers on 4/2/03 at St. Louis and pitched a scoreless inning of relief...Made final big league appearance with the Brewers on 7/20/03 at PNC Park in Pittsburgh and suffered a 6-3 loss as a starter...Spent remainder of the 2003 season on the D.L

with a sprained left elbow; had surgery on 9/4/03 to remove a bone spur from the elbow...Went O-3 with a 4.33 FRA (43.2ip/21er) in 25 games (four starts) with St. Louis in 2003...Also pitched in the minors in the Kansas City (2005) and Minnesota (2006) organizations...Spent



the 2007 and 2008 seasons pitching in independent Atlantic and Northern Leagues...Pitched in Venezuela in 2009 for Caribes de Anzoategui...Served as Pitching Coach at the University of Akron in 2012-13...Was the Broward County (FL) High School Pitcherof-the-Year in 1998 and 1999 while attending JP Taravella High School in Coral Springs...Was also an honorable mention USA Today All-American in 1999.

TCH WYNEGAR

BRADENTON MARAUDERS

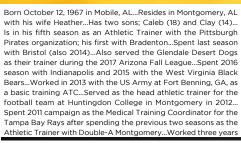


A) in 1994...Coached at Rollins College in Winter Park, FL, in 1992...Played 13 seasons in the big leagues with the Twins (1976-1982), Yankees (1982-1986) and Angels (1987-1988)...Was named the 1976 Sporting News Rookie-of-the-Year and became the youngest player to that



point to appear in an All-Star Game (20 years, 212 days)...Was also an All-Star for the Twins in 1977...Caught Dave Righetti's nohitter on 7/4/83 and Phil Niekro's 300th career win on 10/1/85 while playing with the Yankees...Played in 1301 career games in the Major Leagues, accumulating 1102 hits, 65 home runs and 506 RBI...Is a 1974 graduate of Red Lion High School in York, PA.

EE SLAGLE



in the Rangers organization as the Athletic Trainer for Triple-A Oklahoma (2006-08)... Also served as the Athletic Trainer for Wilmington (Red Sox), Portland (Red Sox) and Kinston (Indians) for one year each... Began his career as an Athletic Trainer in



the Montreal Expos organization from 1991-95...Worked in the Arizona Fall League for the Peoria Saguaros in 2004 and 2010... Is certified by the National Athletic Trainers Association and is an associate member of the Professional Baseball Athletic Trainers Society...Is a 1994 graduate of Auburn University at Montgomery. where he received a degree in Physical Education.

LOGAN BYMAN

BRADENTON MARAUDERS



Sport Management from North Carolina State University in 2013...Was a member of the North Carolina State wrestling team...Became a Certified Strength and Conditioning Specialist through the National Strength and Conditioning



Association in 2014...Earned his Strength and Conditioning Coach Certification from the Collegiate Strength and Conditioning Coach's association in 2015

WYATT TOREGAS

Born December 2, 1982 in Fairfax, VA., Resides in Hartville, OH, with wife Holly...Has two children; son Alexander (8) and daughter Ava (5)...Is in his second straight season as Manager of the West Virginia Power; led the team to a 69-67 record in 2017...Also managed two years with the WV Black Bears...Posted a 42-34 regular season record in 2015; entered the playoffs as a Wild Card team and went on to capture the New York-Penn I eague championship...Has produced a 149-139 (.517) record in his three seasons as a minor league manager...Worked two years (2013-14) as Pittsburgh's Video Advance Scout...Spent 2012 season as a player/coach with Indianapolis, where he also coached first base and worked with the catchers...Was one of eight catchers used by the Pirates during the 2011 season; made two appearances behind the plate and went hitless in four at bats...Spent a majority of the 2009 campaign with Columbus (Indians AAA) and was named to the International League All-Star team...Made his Major

VEST VIRGINIA POWER MANAGER

League debut with the Indians on 8/1/09 vs. Detroit and singled off Rick Porcello for his first big league hit...Made a total of 19 appearances (17 starts) behind the plate with Cleveland in 2009 and had a career-high three RBI on 8/9/09 at Chicago (AL)...Originally selected



by Cleveland in the 24th round of the 2004 First-Year Player Draft and made professional debut with Mahoning Valley in the New York-Penn League that summer...Was named to the 2006 Carolina League All-Star team after leading the league in hitting for most of the first half of the season...Was a four-year letterman at South Lakes (VA) High School, where he hit .609 during his senior year...Also played three seasons at Virginia Tech and was an All-Big East first team selection his sophomore season in 2003 after hitting .319 with 10 home runs and 60 RBI in 56 games.

JOEL HANRAHAN

Born October 6, 1981 in Des Moines, IA...Resides in Lewisville, TX, with his wife Kim and two children; son Ryan (5) and daughter Cora (2)...ls in his second year as a Pitching Coach in the Pirates minor league system; his first with the WV Power...Began his coaching career with Bristol in 2017...Former right-handed pitcher was originally selected by the Dodgers in the second round of the 2000 First-Year Player Draft and spent seven years in the Los Angeles farm system...Made his Major League debut as a starting pitcher with Washington on 7/28/07 and tripled in his first career plate appearance...Earned his first big league win on 8/4/07 vs. St. Louis...Was converted to a relief pitcher in 2008 and pitched a career-high 84.1 innings in 69 appearances with the Nationals...Was acquired by the Pirates in a mid-season deal in 2009...Made a career-high 72 appearances with Pittsburgh in 2010...Served as the Pirates closer in 2011 and was selected to

WEST VIRGINIA POWER PITCHING COACH

the National League All-Star team after setting a club record for most saves (26) prior to the break...Had 40 saves in 44 opportunities in 2011 and was named the Pirates MVP by the Pittsburgh Baseball Writers...Was also an N.L. All-Star with



the Bucs in 2012; went 5-2 with 36 saves and a 2.72 ERA in 63 games that season...Ranks fifth all-time with 82 saves in a Pittsburgh uniform...Finished his big league career with Boston in 2013; underwent Tommy John surgery on 5/16/13...Went 22-18 with 100 saves and a 3.85 ERA in 362 Major League games (11 starts)...Is a 2000 graduate of Norwalk (IA) Community High School, where his uniform No. 3 was retired in a ceremony on 12/17/10.

CHRIS PETERSEN

Born November 6, 1970 in Boston, MA...Resides in Sarasota, FL, with his wife Charity and son Brennan (13)...ls in his first year as a coach with the Pirates organization...Former infielder played in the Major Leagues with Colorado in 1999...Singled off Houston's Mike Hampton for first big league hit on 5/25/99...Was originally selected by the Cubs in the ninth round of the 1992 amateur draft and spent seven seasons in the Chicago organization before signing with the Rockies as a free agent on 11/3/98...One of the top fielding shortstops in the Pacific Coast League in 1998, he played professional baseball for a total of 12 years with the

WEST VIRGINIA POWER HITTING COACH

Cubs, Rockies, Braves, Diamondbacks and Pirates organizations...Has been a private baseball instructor for over 20 years, working with players at the college and high school level, down to the Little league level...Is a 1989 graduate of Southington (CT) High School...Also



played three years of collegiate baseball at Georgia Southern University

MATT DENBLEYKER

Born May 21, 1990 in Eatontown, NJ...Resides in Rockville, MD... Is in his second straight season with the West Virginia Powers. Served as the Athletic Trainer for the WV Black Bears in 2016 and for the Gulf Coast League Pirates in 2015...Joined the Pittsburgh organization after serving a year-long internship with the Tampa Bay Buccaneers in 2014...Was a graduate assistant ATC for two years at Rider University covering baseball, softball, field hockey

VEST VIRGINIA POWER

and indoor track and field while pursuing his Master's Degree in Organizational Leadership for Higher Education... Obtained his Bachelor's Degree in Athletic Training from Montclair State University in New Jersey in 2012.



NICK MASCIOLI

Born August 13, 1991 in Philadelphia, PA...Is single and resides in West Chester, PA...Is in his third year on the Pirates performance team as a strength and conditioning coach - his second straight with the West Virginia Power...Spent 2016 season with the Bristol Pirates...Was an intern at Indianapolis Fitness and Sports Training in 2015 prior to joining the Pirates...Received his Bachelor's

WEST VIRGINIA POWER

Degree in Exercise Science from West Chester University of Pennsylvania in 2014, and his license for massage therapy in the state of Pennsylvania from Cortiva Massage Institute in 2015.



2018

KIERAN MATTISON

WEST VIRGINIA BLACK BEARS



Born June 21, 1980 in Anderson, SC, and now resides in Dallas, TX...Is in his second season as a Manager in the Pirates system; his first with the Black Bears...Guided the DSL Pirates to a 36-34 record in 2017...Began 2016 as the Third Base Coach for Team France during the World Baseball Classic Qualifier in Panama... Was named Manager of the French National Team in April 2016 and finished the 2016 campaign as the Hitting Coach for the Gulf Coast League Pirates...Former RHP attended East Carolina University and was signed by Kansas City as a non-drafted free agent on 7/15/02...Won a career-high 11 games and posted a 2.85 ERA while making a career-high 24 starts in 2003...Pitched five minor league seasons in the Kansas City, Cleveland and Los Angeles (NL) organizations, in addition to playing in various independent leagues and in the Chinese Professional Baseball League thru 2010...Served as head coach for the Paris University Baseball Club (PUC) in 2013 and 2014; his team in 2014 advanced to the league championship after upsetting the Rouen Huskies in the semi-finals, the most dominate club in the past decade, but fell short of the

title in the final to the Templiers Senart...Was also the pitching coach for the 2014 French National Team alongside head coach Eric Gagne...Was named the new PUC Technical Director in November 2014 in addition to his role as head coach; oversaw the entire development of baseball and softball among all levels within the club...Spent 2015 season as the First Base Coach with Indianapolis.

TOM FILER



Born December 1, 1956 in Philadelphia, PA...Resides in Langhorne, PA, with wife Barb...Has two sons; T.C. (33) and Corey (31)...Is in his ninth season with Pittsburgh organization, his third with the West Virginia Black Bears...Worked in same capacity for the New York-Penn League champion Black Bears in 2015 and again last year...Is also serving the Pirates as their Assistant Pitching Coordinator for the fourth straight year...Spent 2016 season with Bristol and four years (2011-2014) with Indianapolis...Was the Pitching Coach with Altoona in 2010...Spent six seasons in Philadelphia development system, working as Pitching Coach with Williamsport in 2009 after spending four years (2005-2008) in same capacity with Double-A Reading...Was Pitching Coach with Lakewood (A) in 2004...Began coaching career in the Yankees minor league system, where he spent nine seasons (1994-2002) with the GCL Yankees, Oneonta,

Greensboro, Norwich and Columbus... Spent 2003 season as Pitching Coach with Syracuse (Blue Jays' AAA) before joining Philadelphia in 2004...Also coached in the Arizona Fall League in 1996 and 1998...Former RHP spent parts of six seasons in the Majors with the Cubs



(1982), Blue Jays (1985), Brewers (1988-1990) and Mets (1992)... Compiled a 22-17 record and a 4.25 ERA in 67 big league games (51 starts)...Picked up first Major League win on 7/3/82...Began 1988 season with back-to-back complete games (his only two in the Majors), which included his lone shutout on 5/24/88 at Detroit...Is a 1974 graduate of Philadelphia's Archbishop Ryan High School and received a Bachelor of Science degree in marketing from LaSalle University.

JONATHAN PRIETO

VIRGINIA BLACK BEARS



Born June 24, 1980 in Caracas, Venezuela...Resides in Caracas with his wife Carolina...Has been a member of the Pittsburgh organization for 21 years...Is in his fourth straight season as Hitting Coach with the West Virginia Black Bears...Served as Hitting Coach in the New York-Penn League with Jamestown in 2014 after working with the DSL Pirates for two years... Was also a Coach with the VSL Pirates for seven seasons (2005-2011)...Spent four years as an infielder in the Pirates minor league system (1998-2001) after being signed as a non-drafted free agent

on 7/3/97...Was named to the South Atlantic League All-Star team while batting .303 with Hickory in 1999...Also played with the Venezuelan professional team in multiple tournaments around the world, including Mexico, Cuba, China, Nicaragua, Puerto Rico, Brazil and the Virgin Islands.



JORGE ISLAS



Born April 5, 1988 in San Luis Potosí, Mexico and resides in Raleigh, NC, with his wife Brittany...Is in his fifth season as an Athletic Trainer with the Pittsburgh Pirates organization, his second straight with the West Virginia Black Bears in the New York-Penn League...Spent 2016 with the Bristol Pirates in the Appalachian League and two seasons (2014-2015) with the Dominican Summer League Pirates...Received the Corrective Exercise Specialist (CES) and the Performance Enhancement

Specialist (PES) credentials through the National Academy of Sports Medicine... Earned a B.S. degree in Athletic Training from the University of North Carolina at Charlotte in 2012 and a M.S. degree in Sports Medicine from Georgia State University in 2014.



CHUCK TANNER AWARD WINNERS

Since 2011, the Pirates Player Development department has been honoring a minor league staff member with the Chuck Tanner Award. The award is presented prior to a spring training game to the staff person who best exemplifies Tanner's optimism, work ethic and leadership.

YEAR	AWARD WINNER
2011	Mike Lum
2012	Tom Prince
2013	Miguel Bonilla
2014	Milver Reyes
2015	Cecilio Beltre
2016	Kory DeHaan
2017	Justin Meccage



DAVE TURGEON

GULF COAST LEAGUE PIRATES MANAGER

Is in his eighth season with the Pittsburgh organization, his first as the manager of the GCL Pirates...Will also serve as the Coordinator of Instruction in 2018 for the fourth straight season... Served as the Assistant Field Coordinator in 2014....Managed Jamestown to a 43-32 record and a postseason berth in the New York-Penn League in 2013...Was also manager at State College in the NYPL in 2012 (35-41 record)...Also managed in the Cleveland

farm system with Burlington in 2000 and Mahoning Valley in 2001...Has produced a 130-156 record in his four seasons as a minor league manager...His full bio appears on page 186



DREW BENES

GULF COAST LEAGUE PIRATES PITCHING COACH

Andrew "Drew" Benes II was born November 4, 1988 in Evansville, IN...Resides in Bradenton, FL, with wife Taylor and two children; son Andrew III (3), daughter Brooklyn (11/2)...Couple is expecting third child in August...Former RHP was originally selected by Cincinnati as a third baseman in the 47th round of the 2007 First-Year Player Draft but did not sign...A converted infielder who pitched two years at Arkansas State University was selected by St. Louis in the 35th round of the 2010 First-Year Player Draft... Spent three seasons pitching in the St. Louis farm system and spent 2013 campaign with the Texas Rangers organization and the River City Rascals of the Frontier League...Is the son of former

Major League pitcher Andy Benes, and nephew of former Major League pitcher Alan Benes...Received his degree in Sports Management from Arkansas State University following his playing career...Spent two years (2015-2016) running the Rawlings St. Louis Prospects



Baseball Club, a high school and youth baseball organization whose program focuses on the development of young athletes and provides training and exposure to assist in helping players achieve their goals and get to the next level.

KORY DEHAAN

GULF COAST LEAGUE PIRATES HITTING COACH

Born July 16, 1976 in Pella, IA...Resides in Bradenton, FL, with his wife Rachel and three daughters; Kendy (16), Reese (14) and Delaney (13)...Is in his seventh season as a coach or manager in the Pirates organization...Was a roving instructor in 2017 after serving as the Manager at Bristol in 2016...Served as Hitting Coach in 2014 and 2012 with Bradenton and spent the 2013 campaign with Jamestown in the New York-Penn League... Served as Hitting Coach for the Fort Wayne Tincaps (Padres' Class A) in the Midwest League in 2011 after working in the same capacity in 2010 for the Padres rookie level affiliate in Peoria. AZ...Began his professional playing career as an outfielder in the Pittsburgh organization after being selected by the Pirates in the seventh round of the 1997 First-Year Player Draft...Was selected by San Diego in the 1999 Rule 5 Draft. Made his Major League debut with the Padres on 4/25/00 at Pittsburgh and doubled off Pittsburgh's Brad Clontz for first big league hit on 4/27/00... Connected off Darren Dreifort for first Major League home run on

7/5/00 at Jack Murphy Stadium in San Diego...Produced a .280 batting average, 35 home runs and 264 RBI in 632 minor league games over his seven-year career (1997-2003)...Went 22-for-114 (193) with two homers and 13 RBI in 102 Major League games with the Padres in



2000 and 2002...Began coaching career in 2009 with the Chico (CA) Outlaws of the independent Golden League; started that year as the Hitting Coach and was promoted to the manager's post at mid-season...Attended Morningside College in Sioux City, IA...Received the Chuck Tanner Award in spring training 2016, an award given annually since 2011 by the Pirates Player Development department to the minor league staff person who best exemplifies Tanner's optimism, work ethic and leadership.

CORY COOK

GULF COAST LEAGUE PIRATES STRENGTH COACH

Born September 18, 1987 in Carroll, OH...Resides in Bradenton, FL...Is in his fifth season of professional baseball, all with the Pittsburgh Pirates...Is in his third straight season with the GCL Pirates after working the 2014 and 2015 campaigns in the same capacity with Low-A West Virginia...Served as an intern assistant coach at The Ohio State University prior to joining the Pirates in 2014...Began his career as a Graduate Assistant at The University

of Central Oklahoma where he received his Master's of Science...Is a 2011 graduate of Radford University where he received his bachelor's degree in Sports Medicine...Was also a member of the Radford University basehall team as a catcher.



DID YOU KNOW...

LECOM Park, the Spring Training home of the Pirates, is the oldest stadium still used for Spring Training and the second-oldest in the Florida State League. It is also the third oldest stadium currently used by a Major League team.



Only Fenway Park (1912) and Wrigley Field (1914) are older.

HISTORY

MIGUEL PEREZ

Born September 25, 1983 in Guatire, Miranda, Venezuela and resides in Guatire with his wife Mariafernanda Lara, who is a former Gymnast for the Venezuelan Rhythmic Gymnastics Team...Has one daughter; Vanessa (11) and one step-daughter, Jenifer...Is in his second season as Manager with Bristol and his 11th with the Pittsburgh organization...Former catcher was originally signed by Cincinnati as a non-drafter free agent on 11/15/00 and made his professional debut with the VSL Reds in 2001...Was named Cincinnati's minor league Defensive Player-of-the-Year and was selected to the Florida State mid-season

BRISTOL PIRATES MANAGER

All-Star team in 2005...Made Major League debut with the Reds on 9/7/05 vs. Milwaukee; became the first player from Guatire to play in the Majors...Has been with the Pirates organization since signing as a minor league free agent on 1/11/13...Was a non-roster spring training



invitee in 2008 and 2009...Is a 2000 graduate of Juan Jose Abreu High School in Caracas.

JOEY SEAVER

Born December 17, 1963 in Kingsport, TN...Resides in Knoxville, TN, with wife Diana...Has three children; sons Matthew (26) and Ryan (15) and daughter Hannah (23)...Is in his first season with the Pittsburgh organization...Spent last four years in the Texas organization - the last two as Pitching Coach with Spokane in the short-season Northwest League...Also worked two seasons in the same capacity with the Arizona League Rangers...Joined Rangers organization following a successful run as a pitching coach at the junior college level, which included 14 seasons at his alma mater, Walters State Community College in Morristown, TN...Was part of six Walters State baseball teams that advanced to the JUCO World Series, including as pitching coach for the 2006 national champions...Has over 24 years of experience as a pitching coach as the collegiate level, serving in that capacity at Carson-Newman for 10 year, where he won three South Atlantic Conference titles and a trip to the NAIA World Series in 1993 and

BRISTOL PIRATES PITCHING COACH

NCAA Division II World Series in 1999... Also spent one season in the Boston minor league system as a pitching coach with the Lowell Spinners in 2006...Was a pitcher at the University of Tennessee, where he received a B.A. degree in



Sociology in 1987...Received a Master's Degree in Health and Physical Education from Carson-Newman University in 1992...Was selected by Detroit in the sixth round of the 1984 January Draft, by Milwaukee in the fourth round of the 1984 June Draft and by Baltimore in the fifth round of the 1985 June Draft, but did not sign...Was selected a fourth and final time by Milwaukee in the 17th round of the 1986 June Draft and pitched professionally in the Brewers farm system in 1986 and 1987.

AUSTIN MCCLUNE

Born November 15, 1987 in Little Rock, AR...Resides in Oklahoma City, OK, with wife Joelle, son Micah (3) and daughter Millie (1)... Is in his 13th season with the Pittsburgh organization, his third as the Hittling Coach with Bristol (also 2015-16)...Served as Hitting Coach for the GCL Pirates in 2017...Was a player/coach for four years; with the GCL Pirates in 2014. Altoona in 2013 and State College in 2011-2012...Was selected by the Pirates in the seventh round of the 2006 First-Year Player Draft and made professional debut with the GCL Pirates that summer...Was recognized by Baseball America as having the "Best Outfield Arm" in the Pirates minor league system prior to the 2007 and 2008 seasons...Was

BRISTOL PIRATES HITTING COACH

named to the New York-Penn League mid-season All-Star team while playing with State College in 2007...Produced a .237 (336-for-1415) batting average, 51 doubles, nine triples, six home runs, 127 RBI and 48 stolen bases in 399 career minor league games...Is a 2006 graduate



of Edmond (OK) Santa Fe High School, where he stole 24 bases as a senior and was also an all-region football player as a defensive back.

TYLER BROOKS

Born November 16, 1992 in Lebanon, PA...Resides in Jonestown, PA (Lebanon county)...Is in his third full season in professional baseball; his first with the Bristol Pirates...Spent the last two years working at the Pirates academy for the Dominican Summer

ATHLETIC TRAINER

and Instructional Leagues...Spent part of the 2015 season working as an intern Athletic Trainer with the Boston Red Sox...Graduated from Messiah College in May 2015 with a bachelor's degree in Athletic Training.



MINOR LEAGUE CHAMPIONSHIPS WON (SINCE 1996)

1996:	None	2006:	None
1997:	Lynchburg: A - Carolina League	2007:	None
1998:	None	2008:	Venezuelan Pirates: Venezuelan Summer League
1999:	None	2009:	Lynchburg: A - Carolina League
2000:	None	2010:	Altoona: AA - Eastern League
2001:	Williamsport (Co-Champions with Brooklyn): Short		Venezuelan Pirates: Venezuelan Summer League
	Season - New York-Penn League	2011:	None
2002:	Lynchburg: A - Carolina League	2012:	Gulf Coast Pirates: Rookie - Gulf Coast League
	Hickory: A - South Atlantic League	2013:	None
2003:	Williamsport: Short Season - New York-Penn League	2014:	None
	San Pedro Pirates: Rookie - Dominican Summer League	2015:	West Virginia Black Bears: New York-Penn League
2004:	Hickory: A - South Atlantic League	2016:	Bradenton: High A - Florida State League
2005:	None	2017:	Altoona: AA - Eastern League

GAVI NIVAR

Born September 16, 1989 in San Cristobal, D.R... Resides in San Cristobal with his wife Sandra and two children; son Gadiel (3) and daughter Gadielis (2)...Is in his first season as the DSL Manager after serving as a coach with the team in 2017...Former

outfielder was signed by Pittsburgh as a nondrafted free agent on 3/25/09 and spent four seasons (2009-2013) playing in the Bucco farm system...Missed 2013 season due to injury...Served as a player/coach for three years (2014-2016).



DAN URBINA



Born November 13, 1974 in Caracas, Venezuela...,Resides in Caracas with his wife Alexai...Has five children; sons Dan Jr. (24) and Derek (6) and daughters Daneirys (17), Darien (14) and Danna (4)...Son, Dan, was a pitcher in the Pirates farm system who pitched with Bristol in 2015...Is in his 17th season with the Pittsburgh organization, his sixth straight with the DSL Pirates... Was also a coach with the Venezuelan Summer League for 10

years (2002-2011) Began his nitching career in the Dominican Republic, where he pitched for three years (1992-1994)... Also pitched three seasons (1995-1997) in the Los Angeles Dodgers minor league system and went 8-11 with a 4.26 ERA (160.2ip/76er) in 46 games (24 starts).



LUIS NATERA



Born March 22, 1966 in San Pedro de Macoris, D.R...Resides in San Pedro de Macoris with his wife Maria...Has three sons; Luis (27), Jose (23) and Devvi (19)...His son, Luis, played for the DSL Mets in 2009...Is in his first season with the Pittsburgh organization as coach with the DSI Pirates. Spent the last 26 seasons in the New York Mets organization, most recently as Hitting Coach with Port St. Lucie in 2017. Held the same position at various levels of the New York farm system from 2003-2016, with the exception of 2014 when he served as the Mets assistant hitting coach at the Major League level... Worked as the coordinator of the Dominican Academy in 2001 and 2002...Began his coaching career in the

Dominican Republic in 1990...Also managed the DSL Mets from 1992-1997 and again in 2002...Was a member of the GCL Mets coaching staff in 1998...Former infielder was orginally signed by the Mets as a non-drafted free agent in 1984 and made professional debut with Kingsport



DANILO SANCHEZ



Born October 25, 1980 in Santo Domingo, D.R...Resides in Santo Domingo with his wife Yeimy and four children; daughters Dianibel (16) and Briana (6) and sons Kendry (10) and Brian (6)...Is in his first season as coach with the DSL Pirates...Former catcher made his professional debut in 1998 with the DSL Tigers after signing with Detroit as a non-drafted free agent on 9/9/97...Was named to the New York-Penn League post-season All-Star team for his efforts with Oneonta in 2003...Hit a career-high 22 home runs and was selected to the Florida State League All-Star team while playing with Lakeland in 2005...Was a non-roster invitee

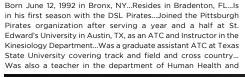
to big league camp with the Tigers in 2006...Split 2007 season between St. Louis and Pittsburgh organizations; hit .348 (24-for-69) in 23 games with Hickory (Pirates' Class-A)...Played five seasons in the Italian Baseball League with De Angelis Godo between 2008 and



2013...Also participated in the Dominican Winter League for 10 years (2006-2015) and played with Nettuno in the Italian League as recently as 2016.

MATT MCNAMEE





Performance while pursuing his Master's of Science degree in Athletic Training... Obtained his bachelor of science degree in athletic training with a minor in health from Castleton State College in Castleton, VT, in 2014.



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MINOR LEAGUE REGISTER

ACUNA, Francisco Fernando (Francisco), Pos: INF, Height: 5-8, Weight: 150, Bats: R, Throws: R, Born: 1/12/00, Barranquila, Colombia, Resides: Barranquila, Colombia, Obtained:

Signed	l as a non-drafted f	ree agent, 7/2/16, Scou l	t : Rene Gayo	, Orlando	Covo & Jo	se Mosqu	era Not	es: 2017:	Ranked t	hird in th	e Domini	an Sumn	ner Leagu	e in wal	KS.	
YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	so	SB	OBP	SLG
2017	Dom. Pirates	Dominican Sum.	.201	58	189	40	38	5	3	2	22	53	41	19	.386	.291

AGUSTIN, Ronny (Ronny), Pos: LHP, Height: 5-11, Weight: 212, Bats: L, Throws: L, Born: 9/18/94, Santo Domingo, D.R., Resides: Santo Domingo, D.R., Obtained: Signed as a non-drafted free agent. 7/2/14. Scout: Rene Gayo & Juan Mercado.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	SV	IP	Н	R	ER	ВВ	SO
2015	Dom. Pirates	Dominican Sum.	1-5	4.50	15	7	0	0	0	48.0	49	29	24	21	38
2016	Dom. Pirates	Dominican Sum.	2-1	3.77	13	1	0	0	1	28.2	25	14	12	9	39
2017	West Virginia	South Atlantic	3-0	3.06	20	0	0	0	1	35.1	21	15	12	17	52

ALCIME, Larry Kelsey (Larry), Pos: 0F, Height: 6-2, Weight: 200, Bats: R, Throws: R, Born: 10/15/98, Nassau, Bahamas, Resides: Nassau, Bahamas, Obtained: Signed as a non-drafted free agent. 7/2/15. Scout: Rene Gayo.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2016	Dom. Pirates	Dominican Sum.	.138	43	138	10	19	3	2	0	17	8	40	4	.193	.188
2017	Dom. Pirates	Dominican Sum.	.179	39	140	15	25	4	1	0	15	11	44	1	.245	.221

ALEMAIS, Stephen Gavin (Stephen), Pos: INF, Height: 5-11, Weight: 193, Bats: R, Throws: R, Born: 4/12/95, New York, NY, Resides: Clearwater, FL, School: Tulane (LA) University, Obtained: Pirates' 3rd round selection in 2016 First-Year Player Draft, Scout: Wayne Mathis, Notes: Took home first-team All-American and at Journal of Stolen bases as a junior in 2016. Was an all-second team All-American and a Louisville Slugger third-team Almerican. Alt 131 with 14 doubles, one home run, 28 RBI and 19 stolen bases as a junior in 2016. Was an all-second team American Athletic Conference member as a sophomore in 2015 while also being named to the 2015 NCAA Baton Rouge Regional All-Tournament Team...Hill: 295 with 31 doubles, six triples, three homer runs, 69 RBI and 57 stolen bases in 161 career games at Tulane. Became the first player in Tulane University history to be selected by the Pirates in the draft... Finished career at Tulane ranked fifth in school history in most double plays turned (115), eighth in assists (513) and 13th in stolen bases (57)... Was a three-time letterman at All Hallows High School... Earned first-team all-state honors during his senior years, while earning all-district, all-city and all-league honors during his sophomore, junior and senior vears, while earning all-district, all-city and all-league honors during his sophomore, junior and senior campaigns... Worst the single season All Hallows record for most hits in a season... Was also a three-year letterman in basketball as a shooting guard at All Hallows High School... 2016: Was tabbed by Baseball America in its Best Tools edition as the fourth-best "Defensive Player" from the 2016 First-Year Player Draft.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	н	2B	3B	HR	RBI	BB	so	SB	OBP	SLG
2016	West Virginia	New York-Penn	.263	39	156	23	41	5	0	1	18	5	18	9	.297	.314
	West Virginia	South Atlantic	.189	11	37	2	7	1	1	0	2	2	11	1	.244	.270
2017	West Virginia	South Atlantic	.223	29	121	14	27	6	2	3	12	5	32	5	.266	.380
	GCL Pirates	Gulf Coast	.259	8	27	6	7	3	0	0	2	4	5	0	.355	.370
	Bradenton	Florida State	.317	30	101	10	32	6	0	1	20	14	14	5	.393	.406

AMAYA, Jose Antonio (Jose), Pos: LHP, Height: 6-1, Weight: 175, Bats: L, Throws: L, Born: 2/28/00, La Chorrera, Panama, Resides: La Chorrera, Panama, Obtained: Signed as a non-draffed free agent 7/3/17. Scout: Rodolfo Petit

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YEAR CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	SV	IP	Н	R	ER	BB SO
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AMEDEE, Jess Jacot (Jess), Pos: RHP, Height: 6-2, Weight: 202, Bats: R, Throws: R, Born: 9/5/93, Wellington, CO, Resides: Fort Collins, CO, School: University of Texas-Arlington, Obtained: Pirates' 27th round selection in 2014 First-Year Player Draft, Scout: Phil Huttmann, Notes: 2014: Ranked fifth among Appalachian League relievers in strikeouts per 9.0 innings (12.51)...2015: Led all Appalachian League relievers in strikeouts per 9.0 innings (13.65).

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2014	Bristol	Appalachian	2-0	6.26	15	0	0	0	1	27.1	31	25	19	14	38
2015	Bristol	Appalachian	2-0	3.64	18	0	0	0	2	29.2	30	16	12	13	45
2016	West Virginia	South Atlantic	1-2	3.76	23	0	0	0	0	40.2	38	22	17	16	53
2017	Bradenton	Florida State	5-5	2 80	35	0	0	0	0	54.2	⊿1	18	17	32	61

ANDERSON, Matthew Brett (Matt), Pos: RHP, Height: 6-1, Weight: 201, Bats: R, Throws: R, Born: 7/29/94, Acworth, GA, Resides: Acworth, GA, School: Morehead State (KY) University, Obtained: Pirates' 10th round selection in 2016 First-Year Player Draft, Scout: Adam Bourassa, Notes: Was a first-team All-Ohio Valley Conference selection in 2016 while setting the single-season school record with 130 strikeouts...Finished career at Morehead State ranked second in strikeouts (321) and games started (44)...Led the team in strikeouts in all four of his seasons at Morehead State...Became the seventh player in program history to be taken in the top 10 rounds of the draft.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	SV	IP	Н	R	ER	BB	SO
2016	West Virginia	New York-Penn	2-2	4.65	14	7	0	0	0	31.0	24	17	16	14	42
2017	West Virginia	South Atlantic	8-5	3 10	25	11	0	0	1	811	58	34	28	35	90

ANDERSON, Tanner Ackley (Tanner), Pos: RHP, Height: 6-2, Weight: 212, Bats: R, Throws: R, Born: 5/27/93, Boynton Beach, FL, Resides: Tampa, FL, School: Harvard (MA) University, Obtained: Pirates' 20th round selection in 2015 First-Year Player Draft, Scout: Steve Skrinar, Notes: Went 0-4 with four saves and a 4.08 ERA in 13 games (six starts) as a senior at Harvard...Originally majored in biochemical engineering at Harvard, but switched to History of Science and earned his degree in 2015... 2017: Ranked fifth in the Eastern League in ERA...Won eight of his last 10 decisions...Went 2-1 with a 2.38 ERA (22.2)p/6er) as a reliever and 8-7 with a 3.58 ERA (110.2)p/44er) as a starter...Earned the save in Game One of the Eastern League Championship Series with 12 scoreless innings on 9/12 at Trenton...Tied for the most wins among Pirates minor leaguers.

YEA	R CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	вв	SO
2015	Bristol	Appalachian	4-0	2.38	12	0	0	0	3	22.2	21	6	6	2	19
	West Virginia	New York-Penn	1-0	4.50	3	0	0	0	0	6.0	8	3	3	0	6
2016	West Virginia	South Atlantic	2-2	3.42	19	1	0	0	0	47.1	37	19	18	13	33
	Bradenton	Florida State	1-1	3.76	17	2	0	0	1	40.2	49	22	17	9	17
2017	Altoona	Eastern	10-8	3.38	30	19	0	0	0	133.1	134	54	50	33	97

APOSTEL, Shendrik Gregorio (Shendrik), Pos: INF, Height: 6-4, Weight: 215, Bats: R, Throws: R, Born: 4/24/00, Willemstad, Curacao, Resides: Willemstad, Curacao, Obtained: Signed as a non-drafted free agent, 7/3/17, Scout: Juan Mercado.

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YEAR CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	so	SB	OBP	SLG
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APOSTEL, Sherten Wimbert Ramiro (Sherten), Pos: INF, Height: 6-3, Weight: 205, Bats: R. Throws: R, Born: 3/11/99, Willemstad, Curacao, Resides: Willemstad, Curacao, Obtained: Signed as a non-drafted free agent, 7/2/15, Scout: Rene Gayo, Juan Mercado & Mark VanZanten, Notes: 2017: Was named to the Dominican Summer League mid-season All-Star team...Tied for the Dominican Summer League lead among third basemen in games (59)...Ranked second in the Dominican Summer League in home runs, RBI and walks and fourth in extra base hits (25)

YEAR	CLUB	LEAGUE	AVG	G	AB	R	н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2016	Dom. Pirates	Dominican Sum.	.205	48	171	24	35	7	1	1	9	24	61	1	.308	.275
2017	Dom. Pirates	Dominican Sum.	.258	61	198	43	51	12	4	9	48	56	49	4	.422	.495

ARBET, Terrian Rae (Trae), Pos: INF, Height: 5-11, Weight: 195, Bats: R, Throws: R, Born: 7/1/94, Santa Barbara, CA, Resides: Temecula, CA, School: Great Oak (CA) High School, Obtained: Pirates' 5th round selection in 2013 First-Year Player Draft, Scout: Brian Tracy, Notes: Was a 2013 Rawlings second-team All-American selection and California All-Region first-team selection...Was rated as the 113th-best prospect in the draft by Baseball America and the 24th-best in the state of California... 2017: Was named to the South Atlantic League mid-Season All-Star feam.

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YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2013	GCL Pirates	Gulf Coast	.174	42	144	16	25	7	3	0	10	4	43	4	.232	.264
2014	Bristol	Appalachian	.226	57	221	27	50	12	0	1	17	11	69	4	.289	.294
2015	Bristol	Appalachian	.320	38	147	23	47	16	1	3	16	5	45	1	.384	.503
2016	West Virginia	New York-Penn	.000	2	4	0	0	0	0	0	0	0	2	0	.000	.000
2017	West Virginia	South Atlantic	.232	88	323	44	75	17	4	9	50	13	93	3	.287	.393

ARRIETA, Andres Felipe (Andres), Pos: RHP, Height: 6-0, Weight: 183, Bats: R, Throws: R, Born: 1/10/98, Monteria, Colombia, Resides: Monteria, Colombia, Obtained: Signed as a non-drafted free agent, 7/4/17, Scout: Orlando Covo.

YEAR CLUB LEAGUE W-L ERA G GS CG SHO SV IP H R ER BB SC SIGNED FOR 2018

ARRIETA, Luis Angel (Luis), Pos: RHP, Height: 6-2, Weight: 180, Bats: R, Throws: R, Born: 6/21/99, Soplaviento, Colombia, Resides: Bolivar, Colombia, Obtained: Signed as a non-drafted free agent. 7/2/16. Scout: Rene Gavo & Orlando Covo.

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YEAF	R CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2017	Dom. Pirates	Dominican Sum.	2-1	2.56	14	4	0	0	0	52.2	38	21	15	17	35

ARROYO, Carlos Andres (Carlos), Pos: INF, Height: 5-9, Weight: 155, Bats: R, Throws: R, Born: 7/11/01, Cartagena, Colombia, Resides: Cartagena, Colombia, Obtained: Signed as a non-drafted free agent, 7/14/17, Scout: Orlando Covo.

YEAR CLUB LEAGUE AVG G AB R H 2B 3B HR RBI BB SO SB OBP SLG SIGNED FOR 2018

BABILONIA, Yair (Yair), Pos. C, Height: 6-1, Weight: 195, Bats: R, Throws: R, Born: 8/25/97, Arjona, Colombia, Resides: Arjona, Colombia, Obtained: Signed as a non-drafted free agent, 3/3/16, Scout: Rene Gayo, Orlando Covo & Robinson Ortega.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	ВВ	SO	SB	OBP	SLG
2016	Dom. Pirates	Dominican Sum.	.233	32	73	7	17	1	1	0	10	9	15	0	.378	.274
2017	Dom. Pirates	Dominican Sum.	.259	23	58	8	15	2	0	0	7	5	16	0	.358	.293

BARNES, Barrett Alexander (Barrett), Pos. OF, Height: 5-11, Weight: 221, Bats: R, Throws: R, Born: 7/21/91, Sugarland, TX, Resides: Sugarland, TX, School: Texas Tech, Obtained: Pirates' supplemental round selection (45th overall) in 2012 First-Year Player Draft, Scout: Mike Leuzinger, Notes: Hit 325 (67-for-206) with 70 doubles, six triples, nine home runs, 49 RBI, 53 runs scored and 19 stolen bases in 55 games as a junior at Texas Tech. Awas rated by Basebal / America sta the 12st-best position player in the draft and as having the "Best Raw Power" in the Big 12 in 2012. Became only the second player in Texas Tech history to bat. 300, record 500 at bats, score 150 runs, collect 200 hits, 50 doubles, 30 home runs, 100 RBI, 100 walks and 50 stolen bases, joining Texas Tech alum (lint Bryant from 1993-96...Also ranks fifth in school history in doubles (51), runs (77) and total bases (371), sixth in walks (13), seventh in at bats (637), ninth in home runs (33) and tied for ninth in hist (203)...Also became the fourth player in school history to earn All-Big 12 honors in three consecutive seasons...2012: Was named to the New York-Penn League mid-season All-Star team....Was hitting .288 thru 1/30 before being lost for the remainder of the season with a leg injury... Was rated as the 10th-best prospect in the New York-Penn League Player-of-the-Week for the week of 6/17-14...2015: Ranked second on the Marauders team with six home runs at the time of his promotion to Altoona...Hit first Double-A home run on 8/1 vs. Akron...Hit agrand slam in Game One of the Western Division Series on 9/9 vs. Bowie that helped fuel a seven-run Curve comeback win...2016: Took home team MVP honors dor Altoona...Ranked fifth in the Eastern League in on-base percentage, sixth in batting average and OPS (.853), seventh in slugging percentage and died for eighth in triples...Was named the Eastern League Player-of-the-Month for August after hitting .360 with six doubles, eight home runs and 22 RBI... 2017: Altended sorion training as a non-ros

YEAR	CLUB	LEAGUE	AVG		AB			2B	3B	HR	RBI	BB	50	SB	OBP	SLG
2012	State College	New York-Penn	.288	38	125	16	36	6	0	5	24	17	21	10	.401	.456
2013	West Virginia	South Atlantic	.268	46	183	26	49	9	0	5	24	17	48	10	.338	.399
2014	West Virginia	South Atlantic	.154	4	13	1	2	0	0	0	2	2	2	2	.267	.154
	GCL Pirates	Gulf Coast	.313	7	16	5	5	2	0	2	5	6	3	1	.560	.813
	Bradenton	Florida State	.238	6	21	3	5	2	0	0	1	3	5	1	.333	.333
2015	Bradenton	Florida State	.261	58	234	45	61	16	2	6	24	28	41	13	.359	.423
	Altoona	Eastern	.246	37	126	17	31	6	0	3	17	16	25	4	.338	.365
2016	Altoona	Eastern	.306	124	405	60	124	28	7	9	47	41	105	10	.377	.477
2017	Indianapolis	International	.247	31	93	13	23	8	0	1	10	10	34	1	.357	.366
	GCI Pirates	Gulf Coast	154	4	13	1	7	0	0	0	0	1	7	0	214	154

BARRAZA, Jose (Jose), Pos: C, Height: 6-1, Weight: 246, Bats: L, Throws: R, Born: 7/28/94, Fresno, CA, Resides: Fresno, CA, School: Sunnyside (CA) High School, Obtained: Signed as a minor league free agent. 17/27/16. Notes: Was originally selected by Chicago (AL) in the 7th round of the 2012 First-Year Player Draft.

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YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	ВВ	SO	SB	OBP	SLG
2012	Bristol	Appalachian	.175	36	120	13	21	2	3	0	8	13	53	0	.261	.242
	Kannapolis	South Atlantic	.000	1	4	0	0	0	0	0	0	0	1	0	.000	.000
2013							INJ	URED - D	ID NOT P	LAY						
2014	Ari. White Sox	Arizona	.287	38	136	28	39	5	2	5	19	13	62	1	.355	.463
2015	Lake Erie	Frontier	.294	92	344	41	101	29	2	5	47	26	101	1	.350	.433
2016	Lake Erie	Frontier	.264	95	367	49	97	20	0	6	53	37	101	7	.338	.368
2017	West Virginia	New York-Penn	.221	38	136	21	30	11	1	2	23	24	48	3	.346	.360

BARRIOS, Edgar Jose (Edgar), Pos: INF, Height: 5-9, Weight: 145, Bats: R, Throws: R, Born: 7/20/00, Cartagena Colombia, Resides: Cartagena, Colombia, Obtained: Signed as a non-drafted free agent, 1/26/18, Scout: Orlando Covo.

YEAR CLUB	LEAGUE	AVG	G	AB	R	н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
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BASABE, Angel Manuel (Angel), Pos: 0F, Height: 6-0, Weight: 153, Bats: L, Throws: L, Born: 12/20/00, Maracaibo, Zulia, Venezuela, Resides: Maracaibo, Zulia, Venezuela, Obtained: Signed as a non-drafted free agent, 7/3/17, Scout: Rodolfo Petit.

YEAR CLUB	LEAGUE	AVG	G	AB	R	н	2B	3B	HR	RBI	BB	so	SB	OBP	SLG
					SI	IGNED FO	R 2018								

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BAUR, Albert Paul (Albert), Pos: INF, Height: 6-2, Weight: 220, Bats: L, Throws: R, Born: 3/22/92, Philadelphia, PA, Resides: Philadelphia, PA, School: Newberry (SC) College, Obtained: Pirates' 28th round selection in 2015 First-Year Player Draft, Scout: Sean Hefferman, Notes: Hit. 427 (88-for-206) with 24 doubles, 16 home runs, 59 RBI and 54 runs scored in 2015 with Newberry College...Was also named a Division II All-American in 2015, a second-team All-American by the American Baseball Coaches Association and a second-team National Collegiate Baseball Writers Association All-American...Became the 17th player in Newberry College history to be selected in the draft...2016: Ranked fourth in the New York-Penn League in games played, tied for sixth in RBI and ninth in total bases (99)...2017: Ranked third among all Pirates minor leaguers in batting and RBI...Ranked third in the South Atlantic League in batting and fourth in on-base percentage...Reached base safely in 31 straight games from 4/7 to 6/11; the third-longest on-base streak in the South Atlantic League...Lead all South Atlantic League first basemen in assists (67).

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2015	West Virginia	New York-Penn	.276	55	210	22	58	13	0	0	22	14	42	1	.320	.338
2016	West Virginia	New York-Penn	.279	69	240	34	67	16	2	4	40	30	45	3	.357	.413
2017	West Virginia	South Atlantic	.298	106	392	56	117	31	0	8	65	41	84	0	.367	.439

BAZ, Shane Austin (Shane), Pos: RHP, Height: 6-2, Weight: 199, Bats: R, Throws: R, Born: 6/17/99, Houston, TX, Resides: Cypress, TX, School: Concordia Lutheran (TX) High School, Obtained: Pirates' 1st round selection (21th overall) in 2017 First-Year Player Draft, Scoutt: Wayne Mathis, Notes: Was named a first-team all-district in 2017 while going 6-2 with a 0.93 ERA and 96 strikeouts...Was tabbed by Baseball America as having the second-best fastball among high school pitchers in the 2017 draft along with being the 11th-best prospect available overall...Earmed 2017 Rawlings-Perfect Game First-Team All-American honors as well as Texas All-Region First-Team accolades...Was the first high school pitcher the Pirates selected in the first round of the draft since Jameson Taillon in 2010...Was a member of the 18U U.S. National Team that won a Gold Medal in October of 2016...Posted a 1.06 ERA and 46 strikeouts over 25 innings of work as a junior at Concordia Lutheran... Attended the same high school as minor league inflieder Ke'Bryan Hayes, who the Pirates selected 32nd overall in the supplemental first round of the 2015 draft. 2018: Intered the season rated by Baseball America as Pitsburgh's third-best prospect.

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YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2017	GCL Pirates	Gulf Coast	0-3	3.80	10	10	0	0	0	23.2	26	12	10	14	19

BEJERANO, Enmanuel (Manny), Pos: C, Height: 6-3, Weight: 184, Bats: R, Throws: R, Born: 5/14/97, West Palm Beach, FL, Resides: Palm Springs, FL, School: Broward (FL) College, Obtained: Pitales' 30th round selection in 2017 First-Year Player Draft, Scout: Nick Presto, Notes: Hit 283 (28-for-99) with four doubles, three home runs and 14 RBI in 37 agreed in 2017 First-Year Player Draft, Scout: Nick Presto, Notes: Hit 283 (28-for-99) with four doubles, three home runs and 14 RBI in 37 agreed in 2017 First-Year Player Draft Scout: Nick Presto, Notes: Hit 283 (28-for-99) with four doubles, three home runs and 14 RBI in 37 agreed in 2017 First-Year Player Draft Scout: Nick Presto, Notes: Hit 283 (28-for-99) with four doubles, three home runs and 14 RBI in 37 agreed in 2017 First-Year Player Draft Scout: Nick Presto, Notes: Hit 283 (28-for-99) with four doubles, three home runs and 14 RBI in 37 agreed in 2017 First-Year Player Draft Scout: Nick Presto, Notes: Hit 283 (28-for-99) with four doubles, three home runs and 14 RBI in 37 agreed in 2017 First-Year Player Draft Scout: Nick Presto, Notes: Hit 283 (28-for-99) with four doubles, three home runs and 14 RBI in 37 agreed in 2017 First-Year Player Draft Scout: Nick Presto, Notes: Hit 283 (28-for-99) with four doubles, three home runs and 14 RBI in 37 agreed in 2017 First-Year Player Draft Scout: Nick Presto, Notes: Hit 283 (28-for-99) with four doubles, three home runs and 14 RBI in 37 agreed in 2017 First-Year Player Draft Scout: Nick Presto, Notes: Hit 283 (28-for-99) with four doubles, three home runs and 14 RBI in 37 agreed in 2017 First-Year Player Draft Scout Player Player Draft Scout Player Player Player Draft Scout Player Pl

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YEAR		LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2017	GCL Pirates	Gulf Coast	.188	29	85	10	16	1	0	2	5	9	24	0	.289	.271

BENGTSON, Benjamin Steven (Ben), Pos: INF, Height: 5-11, Weight: 214, Bats: R, Throws: R, Born: 7/28/95, Concord, NH, Resides: Concord, NH, School: University of Hartford (CT), Obtained: Pirates' 23rd round selection in 2017 First-Year Player Draft, Scout: Eddie Charles, Notes: Hit. 323 (54-for-167) with seven doubles, two triples, five home runs and 36 RBI in 44 games in 2017 as a junior with the University of Hartford...Was named to the America East All-Conference First-Team in 2017 for the second straight season...Earned New Endand Baseball Association First-Team honors in 2017 and was an All-Rookie pick in 2015.

YEAR CLUB	LEAGUE	AVG	G	AB	R	н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2017 Bristol	Appalachian	.257	40	140	22	36	5	1	4	19	20	49	2	.381	.393

BIDO, Osvaldo (Osvaldo), Pos: RHP, Height: 6-3, Weight: 175, Bats: R, Throws: R, Born: 10/18/95, Puerto Plata, D.R., Resides: Puerto Plata, D.R. Obtained: Signed as a non-drafted free agent 3/15/17 Scout: livan Mercado

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YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	SV	IP	Н	R	ER	BB	SO
2017	Dom Pirates	Dominican Sum	1-8	5 33	15	13	0	0	0	50.2	53	37	30	36	41

BOLTON, Carl Donovan (Cody), Pos: RHP, Height: 6-2, Weight: 201, Bats: R, Throws: R, Born: 6/19/98, Tracy, CA, Resides: Tracy, CA, School: Tracy (CA) High School, Obtained: Pirates' 6th round selection in 2017 First-Year Player Draft, Scout: Mike Sansoe, Notes: Recorded 97 strikeouts in 68 innings of work as a senior at Tracy High School...Was a 2017 Rawlings-Perfect Game Second-Team All-American and California All-Region First-Team selection...Was named the Most Valuable Pitcher in the Tri City Athletic League in 2017... Compiled a 24-6 record, 142 ERA and 201 strikeouts in his career at Tracy...Became the third Tracy High player to be drafted into professional baseball.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	SV	IP	Н	R	ER	BB	S0
2017	GCL Pirates	Gulf Coast	0-2	3.16	9	9	0	0	0	25.2	23	11	9	8	22

BORMANN, John William (John), Pos: C, Height: 6-1, Weight: 212, Bats: R, Throws: R, Born: 4/4/93, Danville, VA, Resides: Seguin, TX, School: University of Texas at San Antonio, Obtained: Pirates' 24th round selection in 2015 First-Year Player Draft, Scout: Tyler Stohr, Notes: Was named a first-team Conference USA selection in 2015 after hitting .273 (59-for-216) with 13 doubles, one triple, four home runs, 33 RBI and 44 runs with the University of Texas at San Antonio...Hit. 288 (60-for-208) with 12 doubles, four home runs, 24 RBI and 23 runs as a junior... Earned WAC All-Tournament team honors as a sophomore as well as being named to the 2013 Johnny Bench Award watch list...2016: Reached base safely in each of his first 21 games to start the season; hit .306 with a .390 OBP during the streak...2017: Had contract selected from Bradenton on 4/30 and struck out as a pinch hitter in MLB later that day at Miami; was scheduled to be the starting catcher for Bradenton at Port Charlotte before arriving in Miami during the game.

	CLUB	LEAGUE	AVG	G	AB	R	н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2015	Bristol	Appalachian	.235	25	98	10	23	5	0	0	11	3	12	0	.286	.286
2016	West Virginia	South Atlantic	.243	52	177	22	43	9	1	2	20	11	20	0	.286	.339
2017	Bradenton	Florida State	.183	39	120	11	22	6	0	0	10	15	26	0	.281	.233
	Pittsburgh	National	.000	1	1	0	0	0	0	0	0	0	1	0	.000	000
	Indianapolis	International	.500	2	4	1	2	0	0	0	0	0	0	0	.500	.500

BRANDS, Paul (Paul), Pos: C, Height: 6-1, Weight: 196, Bats: R, Throws: R, Born: 5/13/97, Haarlem, Netherlands, Resides: Haarlemmermeer, Netherlands, Obtained: Signed as a non-drafted free agent. 5/10/15. Scout: Tom Gillespie.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2015	Dom. Pirates	Dominican Sum.	.143	3	7	2	1	0	0	0	0	3	3	0	.400	.143
	GCL Pirates	Gulf Coast	.222	16	45	3	10	1	1	0	4	6	19	0	.352	.289
2016	GCL Pirates	Gulf Coast	.252	31	107	11	27	3	1	0	9	11	37	3	.341	.299
2017	Bristol	Annalachian	220	32	118	18	26	7	1	3	15	16	49	1	311	373

BRENTZ, Jacob Steven (Jake), Pos: LHP, Height: 6-2, Weight: 199, Bats: L, Throws: L, Born: 9/14/94, Ballwin, MO, Resides: Ballwin, MO, School: Parkway South (MO) High School, Obtained: From Seattle, 9/1/16, Jacob on with pitcher Pedro Vasquez, to complete 8/6/16 trade for pitcher Arquimedes Caminero, Notes: Was originally selected by Toronto in the 11th round of the 2013 First-Year Player Draft... 2017: Was named to the Florida State Leadue mich Season All-Star team.

	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2013	GCL Blue Jays	Gulf Coast	0-0	10.57	9	0	0	0	0	7.2	5	9	9	12	8
2014	GCL Blue Jays	Gulf Coast	1-3	4.08	12	6	0	0	2	39.2	30	21	18	26	34
2015	Bluefield	Appalachian	0-1	4.09	6	6	0	0	0	22.0	25	13	10	11	16
	Everett	Northwest	1-1	3.86	5	4	0	0	1	14.0	9	7	6	8	14
2016	Tacoma	Pacific Coast	0-0	16.20	2	0	0	0	0	1.2	2	4	3	2	1
	Everett	Northwest	1-1	5.08	10	7	0	0	0	33.2	34	22	19	28	35
	Clinton	Midwest	3-1	4.35	8	0	0	0	0	10.1	7	5	5	6	14
2017	Bradenton	Florida State	1-2	3.81	19	0	0	0	2	26.0	23	13	11	9	33
	Altoona	Eastern	0-1	5.79	14	0	0	0	0	14.0	7	9	9	15	16

REVIEW

BRITO, Gabriel Antonio (Gabriel), Pos: C, Height: 5-7, Weight: 189, Bats: R, Throws: R, Born: 11/3/97, Santo Domingo Centro, D.R., Resides: Santo Domingo, D.R., Obtained: Signed as a non-drafted free agent, 7/2/14, Scout: Rene Gayo, Juan Mercado & Victor Santana, Notes: 2017: Ranked third among Gulf Coast League catchers in caught stealing percentage (23 percent).

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	ВВ	SO	SB	OBP	SLG
2015	Dom. Pirates	Dominican Sum.	.306	32	98	19	30	7	1	1	22	16	20	0	.415	.429
2016	Dom. Pirates	Dominican Sum.	.256	26	78	8	20	6	0	0	11	13	12	0	.383	.333
	GCL Pirates	Gulf Coast	.167	4	12	0	2	1	0	0	1	2	2	0	.286	.250
2017	GCL Pirates	Gulf Coast	.259	35	112	13	29	6	2	0	16	9	28	0	.331	.348

BROWN, Garrett Alvin (Garrett), Pos: OF, Height: 5-11, Weight: 194, Bats: L, Throws: R, Born: 3/23/93, Hendersonville, NC, Resides: Asheville, NC, School: Western Carolina (NC) University, Obtained: Pirates' 23rd round selection in 2016 First-Year Player Draft, Scout: Jerry Jordan, Notes: Finished 2016 with a Southern Conference-best 34 stolen bases, which ranked third in Western Carolina's single-season record books while his 42 attempts were the second-most in a single season... Started all 58 games in center field in his senior season... Hit .321 with 19 extra base hits, including 12 doubles, three triples and four home runs... Was previously selected by the Rockies in the 43rd round of the MLB draft in 2011...2017. Was named the South Atlantic batter-of-the-week for the week of 7/17-23.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2016	Bristol	Appalachian	.259	54	205	24	53	5	3	1	19	9	43	8	.303	.327
2017	West Virginia	New York-Penn	.273	5	11	2	3	0	0	0	2	2	2	2	.429	.273
	West Virginia	South Atlantic	.275	58	193	27	53	5	2	1	20	9	38	15	.314	.337

BRUBAKER, Jonathan Trey (J.T.), Pos: RHP, Height: 6-3, Weight: 185, Bats: R, Throws: R, Born: 11/17/93, Springfield, OH, Resides: New Carlisle, OH, Obtained: Pirates' 6th round selection in 2015 First-Year Player Draft, Scout: Trevor Haley, Notes: Went 5-4 with a 3.65 ERA (89.1ip/36er) in 15 games (55 starts) as junior in 2015 at the University of Akron...Led the Tips in strikeouts (72) and starts (15) while finishing second in wins (five) and innings pitched (89.1); also ranked fourth in appearances (15) for Akron in 2015...Was the third Akron player to be drafted in the last four years...Led the Zips in strikeouts (39) as a freshman in 2013 while making 12 starts...2015. Ranked first in the New York-Penn League in starts and WHIP (0.94), fourth in batting average against (.216) among starting pitchers and fifth in ERA...Also allowed the fewest baserunners (8.84) per 9.0 innings pitched among starters. ...Was named the New York-Penn League pitcher-of-the-week for the week of 7/20-27...2016: Finished tied for fourth among Pirates farmhands in strikeouts...2017: Went 0-1 with a 2.65 ERA and 16 strikeouts in eight appearances with Glendale in the Arizona Fall League.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2015	West Virginia	New York-Penn	6-4	2.82	15	15	0	0	0	73.1	57	26	23	12	49
2016	West Virginia	South Atlantic	4-5	3.48	12	12	0	0	0	62.0	56	30	24	24	77
	Bradenton	Florida State	2-6	5.32	14	14	1	0	0	67.2	77	43	40	22	43
2017	Altoona	Eastern	7-6	4.44	26	24	0	0	0	129.2	150	73	64	45	109

BUSBY, Michael Dylan (Dylan), Pos: INF, Height: 6-2, Weight: 196, Bats: R, Throws: R, Born: 11/28/95, Sarasota, FL, Resides: University Park, FL, School: Florida State University, Obtained: Pirates' 3rd round selection in 2017 First-Year Player Draft, Scoot: Darren Mazeroski, Notes: Hit. 315 (78-for-248) with 21 doubles, two triples, 15 home runs and 65 RBI in 63 games as a junior this at Florida State...Went 2-for-5 with three RBI, including a two-run home run, on 6/17/17 against LSU in the College World Series...Was also named the third baseman of the College World Series All-Tournament in 201...His father, Wayne, was drafted by the Chicago White Sox in 1988 and was a replacement player during spring training of 1995 with the Pirates...Led Florida State in home runs (15) doubles (21) in 2017...Led Florida State in slugging percentage (597) during his sophomore year in 2016...Earned Most Outstanding Player honors from the Tallahassee Regional in 2016 after batting .417 with a 1.118 slugging percentage...Was tabbed by Baseball America as the No. 4 prospect in the Cape Cod League in 2016 while playing for the Hyannis Harbor Hawks...Is a 2013 graduate of Sarasota High School, where he was selected for the Florida Athletic Coaches Association Baseball Classic after his senior season.

YEA	R CLUB	LEAGUE	AVG	G	AB	R	н	28	38	HK	RBI	вв	50	эв	OBP	SLG
2017	West Virginia	New York-Penn	.188	41	160	20	30	8	0	1	14	11	48	7	.266	.256
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CALDERON, Williams Javier (Williams), Pos: INF, Height: 6-1, Weight: 170, Bats: S, Throws: R, Born: 12/22/97, Bani, D.R., Resides: Bani, D.R., Obtained: Signed as a non-drafted free agent, 10/17/14, Scout: Rene Gayo & Juan Mercado.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2015	Dom. Pirates	Dominican Sum.	.229	47	144	15	33	4	3	0	12	22	46	4	.333	.299
2016	Dom. Pirates	Dominican Sum.	.173	45	127	15	22	5	6	0	16	18	37	1	.278	.307
2017	Dom. Pirates	Dominican Sum.	.258	44	120	16	31	7	5	0	27	21	32	7	.381	.400

CARVAJAL, Linse Daniel (Linse), Pos: RHP, Height: 6-2, Weight: 170, Bats: R, Throws: R, Born: 12/4/99, Barahona, D.R., Resides: Barahona, D.R., Obtained: Signed as a non-drafted free agent, 1/20/18, Scout: Junior Vizcaino.

YEAR CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	SV	IP	Н	R	ER	BB	S0
					SIGN	FD FOR 20)18							

CASTILLO, Pedro Javier (Pedro), Pos: 0F, Height: 6-2, Weight: 170, Bats: L, Throws: L, Born: 4/23/00, Santiago de los Cabelleros, D.R., Resides: Santiago de los Cabelleros, D.R., Resides: Santiago de los Cabelleros, D. Cabelleros,

2017 Dom. Pirates Dominican Sum. .205 37 122 13 25 4 1 0 15 17 22 1 .308 .254 CASTRO, Rodolfo (Rodolfo), Pos: INF, Height: 6-0, Weight: 200, Bats: S, Throws: R, Born: 5/21/99, San Pedro de Macoris, D.R., Resides: Santo Domingo, D.R., Obtained: Signed as a non-digited free agent 10/30/15 Scout: Rene Gayo, Juan Mercado & Jose Ortiz Notes: 2016: Was named to the Dominican Summer Jeague mid-season All-Star team. 2017:

CASTRO, kooling (kodoning, Post ink, **Height:** 5-0, **Weight:** 200, **Bats:** 3, **Inrows:** R, **Born:** 5/2/99, Sah Pedro de pracoris, D.K., **Messies:** Santo Domingo, D.K., **Ustained:** Signed as a non-drafted free agent, 10/30/15, **Scou**t: Rene Gayo, Juan Mercado & Jose Ortiz, **Notes: 2016**: Was named to the Dominican Summer League mid-season All-Star team...**2017**: Was named to the Gulf Coast League post-season All-Star team...Led the Gulf Coast League in total bases (90), finished tied for first in extra base hits (22) and fourth in slugging percentage.

YEAR	CLUB	LEAGUE	AVG	G	AB	ĸ	н	2B	38	HK	RBI	ВВ	30	5В	OBP	SLG
2016	Dom. Pirates	Dominican Sum.	.271	56	192	27	52	15	3	2	29	27	48	2	.360	.411
2017	GCL Pirates	Gulf Coast	.277	53	188	27	52	12	4	6	32	16	47	4	.344	.479

CEBALLO, Yeison (Yeison), Pos: C, Height: 5-11, Weight: 175, Bats: R, Throws: R, Born: 2/20/01, Santo Domingo, D.R., Resides: Santo Domingo, D.R., Obtained: Signed as a non-drafted free agent, 1/20/18, Scout: Junior Vizcaino.

YEAR CLUB	LEAGUE	AVG	G	AB	ĸ		2B	38	HK	RBI	вв	50	28	OBP	SLG
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CEDERLIND, Blake Alan (Blake), Pos. RHP, Height: 6-3, Weight: 200, Bats: R, Throws: R, Born: 1/4/96, Turlock, CA, Resides: Turlock, CA, School: Merced (CA) College, Obtained: Pirates' 5th round selection in 2016 First-Year Player Draft, Scout: Mike Sansoe, Notes: Went 3-1 in 13 appearances (two starts) and 17 strikeouts in 21.2 innings of work in 2016 at Merced College...Was named the 2014 Central California Conference Pitcher-of-the-Year as a senior in 40 high School...Went 8-1 with a 2.50 ERA and 52 strikeouts during his senior year of high school...Was also selected by Minnesota in the 22nd round of the 2015 First-Year Player Draft, but did not sign.

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2016	Bristol	Appalachian	0-1	4.67	6	6	0	0	0	17.1	18	12	9	7	14
2017	West Virginia	South Atlantic	2-3	7.76	25	7	0	0	0	58.0	67	54	50	34	55

CESAR, Joel Daniel (Joel), Pos: RHP, Height: 5-10, Weight: 200, Bats: R, Throws: R, Born: 1/26/96, Puerto Plata, D.R., Resides: Puerto Plata, D.R., Obtained: Signed as a non-drafted free agent, 10/30/15, Scout: Rene Gayo, Juan Mercado & Victor Santana, Notes: 2017: Finished tied for fourth in the New York-Penn League in appearances.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2016	Dom. Pirates	Dominican Sum.	0-0	2.70	2	2	0	0	0	6.2	4	3	2	7	5
2017	West Virginia	New York-Penn	1-1	3.67	22	0	0	0	7	27.0	16	12	11	18	27

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COLEY, Sterling Austin (Austin), Pos: RHP, Height: 6-2, Weight: 192, Bats: R, Throws: R, Born: 7/14/92, Nashville, TN, Resides: Murfreesboro, TN, School: Belmont (TN) University, Obtained: Pirates 8th round selection in 2014 First-Year Player Draft, Scout: Jerry Jordan, Notes: Led the Ohio Valley Conference in ERA (2.72) while also going 5-1 in 2014. Was a second-team All-Ohio Valley Conference selection in 2014. 2015: Led all Pirates minor leaguers in wins while finishing second in innings pitched. Recorded the most wins in a single season by a Power pitcher; his 16 wins also tied with 1991 Charleston Wheeler starting pitcher John Ray for most wins during Charleston's affiliation in the South Atlantic League. 2016: Finished tied for second in the Florida State League in wins and fourth in innings pitched. Finished tied for second in the Florida State League in wins and fourth in the Eastern League pitcher-of-the-week for the week of 8/28 to 9/4...Ranked fourth in the Eastern League in ERA, WHIP (1.22) and fewest walks per 9.0 innings among starters (2.07) and fifth in innings pitched...Ranked fourth in the Eastern League in ERA, WHIP (1.22) and

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2014	Jamestown	New York-Penn	0-2	5.23	8	8	0	0	0	20.2	28	12	12	9	18
2015	West Virginia	South Atlantic	16-6	3.66	27	27	0	0	0	147.2	148	62	60	25	111
2016	Bradenton	Florida State	12-10	4.65	26	25	2	1	0	139.1	141	79	72	44	90
2017	Altoona	Eastern	6-4	3.01	29	23	0	0	0	143.2	144	49	48	31	114

CONTRERAS, Wilmer Emmanuel (Wilmer), Post: RHP, Height: 6-3, Weight: 185, Bats: R, Throws: R, Born: 2/5/98, San Juan de la Maguana, D.R., Resides: Juan de Herrera, D.R., Obtained: Signed as a non-draffed free agent. 6/4/15 Scout: Rene Gayo & Juan Mercado.

YEAF	R CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2015	Dom. Pirates	Dominican Sum.	1-0	2.70	3	0	0	0	0	6.2	6	4	2	0	5
2016	Dom. Pirates	Dominican Sum.	6-1	4.00	15	1	0	0	0	36.0	27	19	16	10	35
2017	Dom Pirates	Dominican Sum	6-1	318	20	0	0	0	3	34 0	22	16	12	14	23

CONTRERAS, Yondry (Yondry), Pos: 0F, Height: 5-10, Weight: 209, Bats: R, Throws: R, Born: 9/11/97, Santiago de los Caballe, D.R., Resides: Santiago de los Caballe, D.R., Obtained: Signed as a non-drafted free agent. 7/1/14. Scout: Rene Gayo. Juan Mercado & Esteban Alvarez.

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YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2015	Dom. Pirates	Dominican Sum.	.195	58	231	32	45	8	0	2	20	17	84	2	.291	.255
2016	GCL Pirates	Gulf Coast	.177	47	181	16	32	7	0	1	8	12	63	5	.246	.232
2017	Rristol	Annalachian	229	48	188	27	43	7	1	2	16	18	81	5	305	309

CRAIG, William Isaac (Will), Pos: INF, Height: 6-2, Weight: 233, Bats: R, Throws: R, Born: 11/16/94, Johnson City, TN, Resides: Johnson City, TN, School: Wake Forest (NC) University, Obtained: Pirates' 1st round selection (22nd overall) in 2016 First-Year Player Draft, Scout: Jerry Jordan, Notes: Hit 379 (69-for-182) with 16 doubles, 16 home runs, 66 RBI, a 520 on-base percentage and .731 slugging percentage in 55 games as a junior at Wake Forest...Also went 2-0 with nine saves and a 3.54 ERA (28.0ip/11er) in 19 relief appearances as a junior...Was named one of five finalists for the 2016 Dick Howser Trophy, which is awarded to the top baseball player in the United States...Finished third nationally with a .731 slugging percentage and eighth with a .520 on-base percentage in 2016...Was named a first-team All-American by both Baseball America and Collegiate Baseball in 2016...Was also named the National Player-of-the-Year by D1 Baseball in 2016... Was a semifinalist for the Golden Spikes Award in 2016... Finished three-year Wake Forest career ranking in the program's top 10 all-time in home runs (10th - 37) and walks (10th - 108) while finishing just outside the top 10 in average (.347), doubles (42) and RBI (160)...Hit .382 with 13 home runs, 58 RBI and 52 runs scored while being named the ACC Player-of-the-Year and a Louisville Slugger first-team All-American and Baseball America second-team selection in 2015...Was named a Louisville Slugger Freshman All-American in 2014... Was the sixth player in Wake Forest University to be selected in the first round of the draft... Was originally selected by Kansas City in the 37th round of the 2013 First-Year Player Draft... Was a three-time All-Conference selection and was named Big 8 Conference Player-of-the-Year in 2012 ... Was named the Super 22 Player-of-the-Year and was a three-time Super 22 Team selection by the Johnson City Press ... Was named a Louisville Slugger High School All-American by Collegiate Baseball Newspaper ... Played in the Area Code Games in Long Beach, California in 2011 and 2012 ... Was selected to the Perfect Game WWBA 18U All-Tournament Team ... Was a three-time All-Region Team as selected by the Tennessee Baseball Coaches Association...2016: Recorded the longest hitting streak (17 games) and on-base streak (36 games) for the season in the New York-Penn League...Ranked second in the New York-Penn League in on-base percentage and ninth in OPS (.775)...Hit 379 (22-for-58) following the All-Star break and .326 (28-for-86) during the month of August...Hit first professional home run on 7/17 at Williamsport...Was ranked as the seventh-best prospect in the New York-Penn League by Baseball America following the 2016 season...2017: Entered the season rated by Baseball America as Pittsburgh's ninth-best prospect...Led all Florida State League first basemen in total chances (940), putouts (855) and assists (78)... Was named to the Florida State League mid-season All-Star team... Finished third in the Florida State League in on-base percentage and tied for third in walks...Ranked third among all Pirates minor leaguers in games played.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	so	SB	OBP	SLG
2016	West Virginia	New York-Penn	.280	63	218	28	61	12	0	2	23	41	37	2	.412	.362
2017	Bradenton	Florida State	271	123	458	59	124	26	1	6	61	62	106	1	373	371

CRUZ, Oneil (Oneil), Pos: INF, Height: 6-6, Weight: 202, Bats: R, Throws: R, Born: 10/4/98, Nizao, D.R., Resides: Nizao, D.R., Obtained: From Los Angeles (NL), 7/31/17, along with pitcher Angel German, in exchange for pitcher Tony Watson, Notes: Was originally signed by Los Angeles (NL) as a non-drafted free agent on 7/2/15...2018: Was rated by Baseball America for having the "Best Infield Arm" in the Pirates minor league system.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2016	Dom. Dodgers 1	Dominican Sum.	.294	55	187	28	55	18	5	0	23	22	44	11	.367	.444
2017	Great Lakes	Midwest	.240	89	342	51	82	9	1	8	36	28	110	8	.293	.342
	West Virginia	South Atlantic	.218	16	55	9	12	2	1	2	8	8	22	0	.317	.400

CUBILETE, Sergio (Sergio), Pos: RHP, Height: 6-3, Weight: 221, Bats: R, Throws: R, Born: 3/19/95, Azua, D.R., Resides: Azua, D.R., Obtained: Signed as a non-drafted free agent, 2/12/16. Scout: Rene Gavo. Juan Mercado. Victor Santana & Cesar Saba. Notes: 2016: Finished tied for the Dominican Summer League lead in games started.

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YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2016	Dom. Pirates	Dominican Sum.	1-3	3.52	15	15	0	0	0	61.1	46	37	24	31	42
2017	West Virginia	New York-Penn	3-7	5 12	15	14	0	0	0	631	74	43	36	74	45

CUSTODIO, Gregori (Gregori), Pos: INF, Height: 6-1, Weight: 165, Bats: R, Throws: R, Born: 3/18/01, Azua, D.R., Resides: Azua, D.R., Obtained: Signed as a non-drafted free

agent, 7/3/17, Scout : J	uan Mercado.														
YEAR CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
					7	IGNED FO	R 2018								

DE DIOS, Arlinthon Francisco (Arlinthon), Pos: RHP, Height: 6-2, Weight: 175, Bats: R, Throws: R, Born: 1/24/00, Bonao, Monsenor Nouel, D.R., Resides: Bonao, Monsenor Nouel, D.R., Obtained: Signed as a non-drafted free agent, 7/3/17, Scout: Juan Mercado.

YEAR CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
					SIC	NED EUD .	2018							

DE JESUS, Johan (Johan), Pos: INF, Height: 5-11, Weight: 200, Bats: S, Throws: R, Born: 8/I/96, Puerto Plata, D.R., Resides: Puerto Plata, D.R., Obtained: Signed as a non-drafted free agent, 8/I/12, Scout: Rene Gayo & Juan Mercado, Notes: 2016: Tied for the Gulf Coast League lead in sacrifice hits (six)...2017: Finished tied for second in the Appalachian League in triples.

	CLUB	LEAGUE	AVG	G	AB	R	н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2013	Dom. Pirates 1	Dominican Sum.	.190	54	168	16	32	2	0	0	17	14	46	6	.254	.202
2014	Dom. Pirates	Dominican Sum.	.204	66	191	39	39	7	0	1	19	47	68	10	.364	.257
2015							DID	NOT PLA	Y							
2016	Dom. Pirates	Dominican Sum.	.219	10	32	3	7	0	0	0	2	3	12	2	.297	.219
	GCL Pirates	Gulf Coast	.185	48	173	18	32	9	2	1	10	9	57	6	.235	.277
2017	Bristol	Appalachian	.214	47	173	18	37	9	4	2	26	20	55	3	.292	.347

2018

PIRATES

DE LA CRUZ, Michael Jefree (Michael), Pos: OF, Height: 5-11, Weight: 174, Bats: L, Throws: L, Born: 7/10/96, Santo Domingo, D.R., Resides: Santo Domingo, D.R., Obtained: Signed as a non-drafted free agent. 7/0/12, Scout: Rene Gayo & Juan Mercado, Notes: 2013: Led the Dominican Summer League in walks.

YEAR		LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2013	Dom. Pirates 2	Dominican Sum.	.292	62	226	51	66	11	3	0	20	58	50	14	.436	.367
2014	GCL Pirates	Gulf Coast	.165	32	91	10	15	0	0	1	7	15	25	4	.287	.198
2015	Bristol	Appalachian	.240	48	179	15	43	12	0	0	18	6	48	1	.267	.307
2016	Bristol	Appalachian	.220	51	164	25	36	4	2	0	11	26	52	10	.328	.268
2017	West Virginia	New York-Penn	.200	17	65	6	13	1	0	0	6	6	20	1	.268	.215

DE LA CRUZ, Saul David (Saul), Pos: RHP, Height: 6-3, Weight: 180, Bats: R, Throws: R, Born: 10/26/97, Azua, D.R., Resides: Las Baria, Azua, D.R., Obtained: Signed as a non-drafted free agent. 3/20/15 Scout: Rene Gayo, Juan Mercado, Cesar Saba & Victor Santana.

YEAF	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2015					INJU	RED - DID N	IOT PLAY								
2016					INJUI	RED - DID N	IOT PLAY								
2017	Dom. Pirates	Dominican Sum.	1-0	3.50	16	1	0	0	0	36.0	29	26	14	22	35

DELAY, Jason Thomas (Jason), Pos: C, Height: 5-11, Weight: 193, Bats: R, Throws: R, Born: 3/7/95, Johns Creek, GA, Resides: Brentwood, TN, School: Vanderbilt (TN) University, Obtained: Pirates' 4th round selection in 2017 First-Year Player Draft, Scout: Jerry Jordan, Motes: Hit. 309 (64-for-207) with 18 doubles, two triples, two home runs and 41 RBI in 59 games as a senior at Vanderbilt University...Started a career-best 58 games in 2017; the most by a Vanderbilt cather since Curt Gasali in 2011...Was selected by San Francisco in the 11th round of the 2016 First-Year Player Draft...Became the highest drafted catcher from Vanderbilt since Scotti Madison was selected in the third round of the 1980 draft...Was the first Commodore picked by the Pirates since Pedro Alvarez was drafted second overall in 2008...Became the 17th member of the Vanderbilt 2014 College World Series National Championship team to be drafted.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	н	2B	3B	HR	RBI	BB	so	SB	OBP	SLG
2017	Bristol	Appalachian	.252	29	107	13	27	5	0	1	12	13	13	0	.375	.327
	West Virginia	New York-Penn	.063	5	16	3	1	1	0	0	0	0	2	0	.118	.125

DE LOS SANTOS, Yerry Paulino (Yerry), Pos: RHP, Height: 6-3, Weight: 191, Bats: R, Throws: R, Born: 12/12/97, Samana, D.R., Resides: Samana, D.R., Obtained: Signed as a non-drafted free agent. 7/2/14. Scout: Rene Gavo & Juan Mercado.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	SV	IP	Н	R	ER	BB	SO
2015	Dom. Pirates	Dominican Sum.	1-5	4.73	14	14	0	0	0	59.0	82	41	31	17	28
2016						DID N	NOT PLAY								
2017	Dom.Pirates	Dominican Sum.	1-0	1.04	5	0	0	0	0	8.2	7	3	1	3	4
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DEL ORBE, Francis Yunior (Francis), Pos. RHP, Height: 6-4, Weight: 190, Bats: R, Throws: R, Born: 10/9/98, San Francisco de Macoris, D.R., Resides: San Francisc

2017	Dom. Pirates	Dominican Sum.	3-2	2.43	19	0	0	0	3	29.2	30	19	8	12	33
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DEL ROSARIO, Joelvis (Joelvis), Pos: RHP, Height: 5-11, Weight: 170, Bats: R, Throws: R, Born: 4/16/01, Santiago, D.R., Resides: Santiago, D.R., Obtained: Signed as a non-drafted free agent, 1/25/18, Srout: Junior Vizcaino.

YEAR CLUB LEAGUE W-L ERA G GS CG SHO SV IP H R ER BB SO

SIGNED FOR 2018

DEYZEL, Vince Michael (Vince), **Pos:** RHP, **Height:** 6-2, **Weight:** 191, **Bats:** R, **Throws:** R, **Born:** 2/9/98, Durban, South Africa, **Resides:** Durban, South Africa, **Obtained:** Signed as a non-drafted free agent. 1/10/15, **Scout:** Tom Gillespie.

	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2015					DID N	NOT PLAY									
2016	GCL Pirates	Gulf Coast	0-3	5.29	11	0	0	0	1	17.0	18	14	10	16	13
2017	GCL Pirates	Gulf Coast	1-0	5.46	16	0	0	0	3	28.0	22	17	17	16	13

DIAZ, Luis Alberto (Luis), Pos: LHP, Height: 6-1, Weight: 180, Bats: L, Throws: L, Born: 6/25/97, Valencia, Venezuela, Resides: Naguuanagua, Venezuela, Obtained: Signed as a non-drafted free agent, 7/2/15, Scout: Rene Gayo, Rodolfo Petit & Javier Magdaleno.

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YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	BB	SO
2016					DID	NOT PLAY									
2017	Dom. Pirates	Dominican Sum.	0-0	38.57	4	0	0	0	0	2.1	6	10	10	8	2

DICKSON, Cody Kyle (Cody), Pos: LHP, Height: 6-1, Weight: 195, Bats: L, Throws: L, Born: 4/27/92, Arlington, TX, Resides: Arlington, TX, School: Sam Houston State (TX) University, Obtained: Pirates' 4th round selection in 2013 First-Year Player Draft, Scout: Trevor Haley, Motes: Went 9-5 with a 4.26 ERA (95.0ijp/45er) and 91 Strikeouts in 18 appearances (15 starts) as a junior in 2013 at Sam Houston State University, his 91 strikeouts were the fifth-most in school history at the Division I level and second-longest ever...2014: Tied for the South Atlantic League lead in Starts...Went 5-1 with a 2.45 ERA over his final 14 outings following the South Atlantic League All-Star break...2015: Finished tied for the Florida State League lead in wins and games started while ranking fourth in innings pitched...Won six straight decisions from 6/13 to 8/8...2016: Took home Double-A Altoona Pitcher-of-the-year honors...Finished seventh in the Eastern League in ERA...2017. Attended big league camp as a non-roster invitee.

	CLUB	LEAGUE	W-LERA	G	GS	CG	SHO	sv	IP	Н	R ER	BB	so		
2013	Jamestown	New York-Penn	2-0	2.37	14	14	0	0	0	57.0	42	18	15	24	59
2014	West Virginia	South Atlantic	7-9	3.90	27	27	0	0	0	129.1	138	72	56	58	104
2015	Bradenton	Florida State	12-7	4.13	27	27	0	0	0	141.2	145	72	65	52	98
2016	Altoona	Eastern	10-5	3.66	28	26	1	0	1	140.0	127	60	57	93	105
2017	Indianapolis	International	4-3	4.73	24	6	0	0	0	40.0	42	22	21	28	34
	Altoona	Eastern	2-4	5.85	12	6	0	0	0	32.1	39	22	21	20	31

DIORIO, Matthew Thomas (Matt), Pos: 0F, Height: 6-0, Weight: 188, Bats: L, Throws: R, Born: 7/24/95, Staten Island, NY, Resides: Staten Island, NY, School: Central Florida University, Obtained: Pirates' 16th round selection in 2016 First-Year Player Draft, Scout: Nick Presto, Notes: Hit. 279 (38-for-156) with seven doubles, three homers and 22 RBI in 2016 with Central Florida while making 36 starts as an outfielder, catcher and designated inter... Drove in a team-leading 15 runs during conference play... Appeared in 50 games while finishing in the top five on his team in batting average, slugging percentage and on base percentage (308/524/429) as a sophomore... Was a Rawlings 2013 Northeast All-Regional First Team member as well as a 2013 Rawlings-Perfect Game Honorable Mention All-American.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	н	2B	3B	HR	RBI	BB	so	SB	OBP	SLG
2016	West Virginia	New York-Penn	.215	37	121	14	26	5	0	2	14	19	35	0	.329	.306
2017	West Virginia	New York-Penn	.143	4	14	3	2	0	1	0	3	1	3	0	.250	.286
	Bristol	Appalachian	.265	41	136	23	36	12	0	3	22	26	31	3	.392	.419

DOTEL, Mariano Emilio (Mariano), Pos: INF, Height: 5-10, Weight: 155, Bats: S, Throws: R, Born: 1/4/00, San Pedro de Macoris, D.R., Resides: San Pedro de Macoris, D.R., Resides: San Pedro de Macoris, D.R., Obtained: Signed as a non-drafted free agent, 1/25/18, Scout: Junior Vizcaino.

YEAR CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
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2018

DURAPAU, Montana Robert (Montana), Pos: RHP, Height: 5-10, Weight: 193, Bats: R, Throws: R, Born: 3/27/92, Deltona, FL, Resides: Deltona, FL, School: Bethune-Cookman (FL) University, Obtained: Pirates' 32nd round selection in 2014 First-Year Player Draft, Scout: Nick Presto, Notes: Set a Bethune-Cookman career program record with 25 wins, 287 strikeouts and 350.1 innings pitched in 66 games...Was named a first-team All-Mid Eastern Athletic Conference Section in 2014...2014: Ranked third in the New York-Penn League in ERA...Was named Jamestown's Most Valuable Pitcher...Allowed five earned runs in 29.0 innings of work in his final six starts of the season...2015: Ranked first among Pirates minor leaguers in ERA (1.38), third in saves (44) and tied for fifth in appearances (44)...Went 13-for-14 in save opportunities with Bradenton...Earned the win in Game One of the Eastern League Division Series with 2.0 scoreless innings against Bowie on 9/9...2016: Ranked second in the Eastern League in saves, fourth in games and first in games finished (43)...Led all Pirates minor leaguers in saves and appearances...2017: Was named to the Eastern League mit-season All-Star team...Led the Eastern League with 14 saves at time of promotion to Indianapolis on 7/14...Struck out nine consecutive batters from 7/26 to 8/2, spanning three appearances...Led all Pirates minor leaguers in saves (15) and finished tied for third in appearances (42)...Became Altoona's all-time career saves leader (56)...2018: Began season with a 50-game suspension following a second positive test for a drug of abuse in violation of the MLB Minor League Drug Prevention and Treatment Program.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	BB	SO
2014	Jamestown	New York-Penn	3-2	2.21	15	11	0	0	1	61.0	56	18	15	8	57
2015	West Virginia	South Atlantic	1-0	1.40	11	0	0	0	1	19.1	7	3	3	1	19
	Bradenton	Florida State	4-1	1.40	31	0	0	0	13	51.1	21	8	8	8	47
	Altoona	Eastern	0-0	0.00	2	0	0	0	0	1.1	0	0	0	0	3
2016	Altoona	Eastern	3-3	3.65	50	0	0	0	22	49.1	43	21	20	19	51
2017	Altoona	Eastern	2-2	1.49	27	0	0	0	14	36.1	28	7	6	14	39
	Indianapolis	International	1-0	3 24	15	0	0	0	1	16.2	7	6	6	6	23

EAGAN, Clark David (Clark), **Pos**: 0F, **Height**: 6-0, **Weight**: 195, **Bats**: L, **Throws**: R, **Born**: 3/13/95, Appleton, WI, **Resides**: Appleton, WI, **School**: University of Arkansas, **Obtained**: Pirates' 9th round selection in 2016 First-Year Player Draft, **Scout**: Matt Birmeal, **Notes**: Hit .298 with eight doubles, two triples, seven home runs and 37 RBI in 55 games as a junior at the University of Arkansas. Was a 2016 pre-season All-SFC second-from selection

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YEAR	R CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	so	SB	OBP	SLG
2016	West Virginia	New York-Penn	.277	30	112	13	31	7	2	0	16	3	10	3	.311	.375
2017	West Virginia	South Atlantic	.261	119	436	62	114	21	5	8	59	28	58	5	.317	.388

ECKELMAN, Matthew Scott (Matt). Pos: RHP, Height: 6-4, Weight: 276, Bats: R, Throws: R, Born: 10/6/93, Shawnee, KS, Resides: Shawnee, KS, School: St. Louis (MO) University, Obtained: Pirates' 21st round selection in 2016 First-Year Player Draft, Scout: Matt Bimeal, Notes: Led St. Louis University in nearly all major pitching categories during his senior season in 2016 while earning second-team All-Atlantic 10 honors... Went 9-4 with a team-best 3.12 EBA (101.0ip/35er) and 81 strikeouts in 15 starts in 2016... Earned first-team All-Conference in 2014 season while serving as St. Louis University's closer...Finished the 2013 season with a 1.64 ERA and 42 strikeouts and a 6-1 record; the third-most wins by a freshman in Saint Louis history...2016: Ranked second in the Appalachian League in ERA, first in WHIP (0.97), third overall in batting average against (.223) and fewest walks per 9.0 innings among starters (8.84).

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	BB	so
2016	Bristol	Appalachian	5-3	2.76	13	11	0	0	0	62.0	51	24	19	9	55
2017	West Virginia	South Atlantic	5-6	4.63	37	3	0	0	1	72.0	72	40	37	26	63

ECONOMOS, Nicholas James (Nicholas), Pos: RHP, Height: 6-6, Weight: 225, Bats: R, Throws: R, Born: 6/27/95, Worcester, MA, Resides: Worcester, MA, School: Mercer County (NJ) Community College, Obtained: Pirates' 21st round selection in 2015 First-Year Player Draft, Scout: Steve Skrinar, Notes: Was a first-team National Junior Collegiate Athletic Association (NUCAA) Region 19 all-region first-team selection in 2015...Earned Garden State Athletic Conference first-team accolades after appearing in 10 games (nine starts) for Mercer County Community College (NJ) while posting a 7-0 record, 3.38 ERA and 70 strikeouts in 50.2 innings of work in 2015...2016: Finished tied for the Appalachian League lead in games started...Was named the Appalachian League Pitcher-of-the-Week for the week of 8/29 to 9/4.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2015	GCL Pirates	Gulf Coast	1-1	3.98	11	8	0	0	1	31.2	23	15	14	11	29
2016	Bristol	Appalachian	2-5	5.65	13	13	0	0	0	57.1	65	41	36	20	39
2017	West Virginia	New York-Penn	2-2	5.61	19	0	0	0	0	33.2	32	23	21	14	38

ESCOBAR, Elvis Jose (Elvis), Pos: OF, Height: 5-8, Weight: 181, Bats: L, Throws: L, Born: 9/6/94, La Guaira, Venezuela, Resides: Barquisimeto, Venezuela, Obtained: Signed as a non-drafted free agent. 7/2/11, Scout: Rene Gayo, Rodolfo Petit & Marc DelPiano, Notes: 2012: Tied for the league lead in games among Gulf Coast League outfielders (54)...2013: Led the New York-Penn League in sacrifice flies (six)...2015: Was named to the South Atlantic League mid-season All-IStar team...Ranked eighth in the South Atlantic League in batting and third in hits...2016: Led all Florida State League outfielders in double plays (five)...Was named the Florida State League player-of-the-week for the week of 7/11-17.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	н	2B	3B	HR	RBI	BB	so	SB	OBP	SLG
2012	GCL Pirates	Gulf Coast	.274	54	190	29	52	5	4	2	18	18	46	6	.338	.374
2013	Jamestown	New York-Penn	.268	56	183	25	49	8	2	1	23	9	47	9	.293	.350
2014	West Virginia	South Atlantic	.210	55	200	18	42	11	2	2	29	7	55	3	.239	.315
	Jamestown	New York-Penn	.274	38	146	18	40	6	1	1	9	10	28	6	.316	.349
2015	West Virginia	South Atlantic	.296	124	477	60	141	28	5	5	64	22	79	15	.326	.407
2016	Bradenton	Florida State	.272	92	323	47	88	18	4	4	32	19	62	7	.313	.390
	Altoona	Eastern	.241	29	112	21	27	2	2	2	7	10	26	2	.303	.348
2017	Altoona	Eastern	.277	116	383	42	106	12	5	3	32	25	69	5	.319	.358

EUSEBIO, Jean Robert (Jean), Pos: OF, Height: 6-1, Weight: 170, Bats: L, Throws: R, Born: 8/22/00, Santo Domingo, D.R., Resides: Santo Domingo, D.R., Obtained: Signed as a non-drafted free agent, 3/14/17, Scout: Juan Mercado.

YEAR CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2017 DSI Pirates	Dominican Sum	191	50	178	76	34	7	7	0	10	35	47	13	330	253

EUSEBIO, Julio Cesar (Julio), **Pos**: RHP, **Height**: 6-1, **Weight**: 218, **Bats**: R, **Throws**: R, **Born**: 6/2/92, New York, NY, **Resides**: Santo Domingo, D.R., **Obtained**: Signed as a non-drafted free agent, 1/31/14, **Scout**: Rene Gayo & Juan Mercado, **Notes**: **2015**: Ranked third among New York-Penn League relievers in strikeouts per 9.0 innings (10.34)...**2016**: Finished tied for second in the South Atlantic League in games finished (35)...Finished fourth among Pirates farmhands in saves.

	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2014	Jamestown	New York-Penn	1-1	2.86	19	0	0	0	3	28.1	30	12	9	8	25
2015	Bradenton	Florida State	0-0	10.80	1	0	0	0	0	1.2	4	3	2	1	0
	West Virginia	New York-Penn	0-3	2.87	19	0	0	0	5	31.1	24	12	10	9	36
2016	West Virginia	South Atlantic	1-1	1.62	40	0	0	0	11	50.0	28	12	9	27	47
2017	Bradenton	Florida State	0-0	0.00	1	0	0	0	0	1.0	0	0	0	0	1
	West Virginia	New York-Penn	0-0	0.00	3	0	0	0	2	4.0	2	0	0	2	5
	West Virginia	South Atlantic	1-1	1.00	19	0	0	0	6	27.0	16	7	3	13	34

FERNANDEZ, Victor Alfonso (Victor), Pos: OF, Height: 5-10, Weight: 180, Bats: R, Throws: R, Born: 10/17/94, Cotui, D.R., Resides: Fantino, D.R., Obtained: Signed as a non-drafted free agent, 1/31/14, Scout: Rene Gayo, Juan Mercado, Cristino Valdez & Esteban Alvarez, Notes: 2015: Led GCL in outfield assists (eight) and finished tied for second in stolen bases...2016: Ranked eighth in the Appalachian League in batting.

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YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2014	Dom. Pirates	Dominican Sum.	.289	45	152	35	44	11	3	3	17	23	28	14	.407	.461
2015	GCL Pirates	Gulf Coast	.240	42	129	20	31	8	1	1	12	9	32	16	.310	.341
2016	Bristol	Appalachian	.314	49	169	29	53	13	2	2	19	15	31	12	.382	.450
2017	South Atlantic	South Atlantic	.228	52	158	22	36	4	4	1	10	10	35	8	.285	.323

GENERAL

2017

FERNANDO, Fernando (Fernando), Pos: RHP, Height: 6-4, Weight: 170, Bats: R, Throws: R, Born: 12/20/00, San Pedro de Macoris, D.R., Resides: San Pedro de Macoris, D.R., Obtained: Signed as a non-drafted free agent, 12/22/17, Scout: Junior Vizcaino.

YEAR CLUB LEAGUE W-L ERA G GS CG SHO SV IP H R ER BB SC

FISCHER, Andrew McAfee (Drew), Pos: RHP, Height: 6-4, Weight: 200, Bats: R, Throws: R, Born: 6/3/96, Winnetka, IL, Resides: Winnetka, IL, School: Amherst (MA) College, Obtained: Pirates' 35th round selection in 2017 First-Year Player Draft, Scout: Eddie Charles, Notes: Went 2-0 with a 1.40 ERA (25.2ip/Aer) and 30 strikeouts in six appearances (six starts) in 2017 as a junior at Amherst...Was the 18th player in Amherst College history to be selected in the MLB Draft, becoming only the second true pitcher in the program to be drafted...Posted a 3.06 ERA with 60 strikeouts in 18 appearances during his three-year career at Amherst.

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FLOREZ, Santiago Jesus (Santiago), Pos: RHP, Height: 6-1, Weight: 160, Bats: R, Throws: R, Born: 5/9/00, Barranquilla, Colombia, Resides: Barranquilla, Colombia, Obtained: Signed as a non-drafted free agent, 7/2/16, Scout: Rene Gayo, Orlando Covo & Jose Mosquera.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2017	Dom. Pirates	Dominican Sum.	2-5	4.56	14	14	0	0	0	53.1	43	38	27	38	30

GARCIA, Carlos Manuel (Carlos), Pos: 0F, Height: 6-0, Weight: 170, Bats: L, Throws: L, Born: 4/7/99, Santo Domingo, D.R., Resides: Santo Domingo, D.R., Obtained: Signed as a non-drafted free agent. 7/14/15. Scout: Rene Gavo. Juan Mercado & Victor Santana

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YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2016	Dom. Pirates	Dominican Sum.	.206	34	97	11	20	3	3	0	14	11	45	1	.279	.299
2017	Dom. Pirates	Dominican Sum.	.208	38	101	19	21	3	2	3	15	22	28	6	.372	.366

GARCIA, Mario Alberto (Mario), Pos: RHP. Height: 6-1, Weight: 183, Bats: R, Throws: R, Born: 12/27/98, Los Mochis, Sinaloa Mexico, Resides: Los Mochis, Sinaloa Mexico, Obtained: Signed as a non-drafted free agent, 7/3/17, Scout: Jesus "Chino" Valdez.

YEAR CLUB LEAGUE W-L ERA G GS CG SHO SV IP H R ER BB SO SIGNED FOR 2018

GARCIA, Oliver Junior (Oliver), Pos: RHP, Height: 6-3, Weight: 170, Bats: R, Throws: R, Born: 1/8/98, San Francisco de Macoris, D.R., Resides: San Francisco de Macoris, D.R., Obtained: Signed as a non-drafted free agent, 10/30/15, Scout: Rene Gayo, Juan Mercado & Christino Valdez, Notes: 2017: Was named to the Dominican Summer League mid-season All-Star team.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2016	Dom. Pirates	Dominican Sum.	4-3	2.61	17	0	0	0	0	41.1	38	20	12	17	24
2017	Dom. Pirates	Dominican Sum.	2-2	2.15	11	11	0	0	0	54.1	44	17	13	16	46

GERMAN, Angel Andres (Angel), Pos: RHP, Height: 6-5, Weight: 243, Bats: R, Throws: R, Born: 5/25/96, Bani, D.R., Resides: Bani, D.R., Obtained: From Los Angeles (NL), 7/31/17, along with infielder Oneil Cruz, in exchange for pitcher Tony Watson, Notes: Was originally signed by Los Angeles (NL) as a non-drafted free agent on 4/18/13, 2017: Recorded a combined 1.88 ERA and .201 batting average against between Great Lakes and West Virginia.

	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	BB	SO
2013	Dom. Dodgers	Dominican Sum.	0-5	6.10	10	6	0	0	0	20.2	21	22	14	17	10
2014	Dom. Dodgers	Dominican Sum.	1-5	8.63	13	1	0	0	0	24.0	31	29	23	18	23
2015	Ari. Dodgers	Arizona	0-3	4.53	12	8	0	0	0	45.2	51	28	23	24	36
2016	Great Lakes	Midwest	1-2	7.45	20	0	0	0	2	19.1	18	18	16	13	17
	Ari. Dodgers	Arizona	0-0	2.45	5	0	0	0	2	7.1	5	4	2	3	6
2017	Great Lakes	Midwest	1-0	1.91	21	0	0	0	7	33.0	22	9	7	14	37
	West Virginia	South Atlantic	0-0	1.80	9	0	0	0	1	10.0	9	2	2	8	9

GEORGE, Jordan Zachary (Jordan), Pos: INF, Height: 6-1, Weight: 199, Bats: S, Throws: R, Born: 7/16/92, Blytheville, AR, Resides: Paragould, AR, School: Arkansas State University, Obtained: Pirates' 35th round selection in 2015 First-Year Player Draft, Scoul: Matt Bimeal, Notes: Was named an AII-Sun Belt Conference in First-team selection in 2015 and led the conference in hits (SI), walks (S2) and doubles C22)...Was named an ABCA/Rawings South-Central AII-Region first-team selection in 2015. Led the nation in on-base percentage (548) and had the country's longest on-base streak at 74 games, including 55 straight in 2015...Was named a finalist for the 2015 Gregg Olson Award, which is given to college baseball's breakout player-of-the-year. 2017. Led all Pirates minor leaguers in batting (302)...Hit safely in 19 straight games from 7/1-25, the second-longest hitting streak in the Florida State League; was also the longest in a single season in Marauders history (the record was held by Elevys Gonzalez with 18 in 2011)...Hit safely in 21 of 30 regular season games with Altoona.

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	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2015	Bristol	Appalachian	.333	29	105	20	35	11	1	2	26	21	19	1	.453	.514
2016	West Virginia	New York-Penn	.267	23	75	10	20	6	3	0	11	21	12	1	.440	.427
	West Virginia	South Atlantic	.324	34	105	15	34	13	0	0	10	24	22	4	.455	.448
2017	Bradenton	Florida State	.302	69	248	41	75	15	2	9	43	40	45	1	.399	.488
	Altoona	Fastern	302	30	106	14	32	q	0	1	18	8	12	1	353	/15

GIBBS, Brent Dwayne (Brent), Pos: c, Height: 6-1, Weight: 198, Bats: R, Throws: R, Born: 9/27/94, Alton, IL, Resides: Alton, IL, School: Central Arizona College, Obtained: Pirates' 7th round selection in 2016 First-Year Player Draft, Scout: Derrick Van Dusen, Notes: Hit. 396 with 11 doubles, one triple, five home runs and 38 RBI in 48 games in 2016 at Central Arizona College...Threw out 14 of the 30 runners attempting to steal against him in 2016...His. 396 average in 2016 ranked 10th in the Arizona Community College Athletic Conference... Was a 2018 Rawlings-Perfect Game honorable mention All-American.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2016	Bristol	Appalachian	.236	19	55	12	13	4	0	0	6	7	9	2	.371	.309
2017	West Virginia	South Atlantic	.229	40	144	15	33	7	0	3	11	6	49	0	.282	.340

GLENDINNING, Robert David (Robbie), Pos: INF, Height: 6-2, Weight: 197, Bats: R, Throws: R, Born: 10/6/95, Scarborough, Australia, Resides: Columbia, MO, School: University of Missouri, Obtained: Pirates' 21st round selection in 2017 First-Year Player Draft, Scout: Matt Birneal, Notes: Hit 274 (55-for-201) with 13 doubles, two triples, seven home runs and 30 RBI in 56 games in 2017 with the University of Missouri...Ranked second on the team with 22 extra base hits in 2017...Previously attended Northern lowa Area Community College, where he holds the school's single-season records for hits (107), doubles (27) and runs (75)...Ended career as Northern lowa's all-time leader in hits, home runs, doubles, RBI and runs scored...Was born in Perth, Australia.

YEAR		LEAGUE	AVG	G	AB	R		2B	3B	HR	RBI	BB	so	SB	OBP	SLG
2017	West Virginia	New York-Penn	.198	29	96	10	19	3	0	0	6	17	41	2	.342	.229

GONG, Haicheng (Haicheng), Post: RHP, Height: 6-2, Weight: 168, Bats: R, Throws: R, Born: 12/28/98, BengBu, China, Resides: Shanghai, China, Obtained: Signed as a non-drafted free agent, 5/15/17, Scout: Fu-Chun Chiang.

YEAR CLUB LEAGUE W-L ERA G GS CG SHO SV IP H R ER BB SO 2017 DID NOT PLAY

2018

2017

ISTORY

GONZALEZ, Julio Jose (Julio), Pos: RHP, Height: 6-3, Weight: 195, Bats: R, Throws: R, Born: 5/10/95, Santo Domingo, D.R., Resides: Santo Domingo, D.R., Obtained: Signed as a non-drafted free agent, 3/20/15. **Scout:** Rene Gavo, Juan Mercado & Victor Santana.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2015	Dom. Pirates	Dominican Sum.	.123	28	81	5	10	2	1	0	8	5	33	2	.180	.173
YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv		IP	Н	R	ER	BB	so
2016	Dom. Pirates	Dominican Sum.	1-1	2.61	12	0	0	0	3		10.1	7	3	3	3	10
2017	Dom. Pirates	Dominican Sum.	2-0	1.86	14	0	0	0	1		19.1	15	8	4	4	18

GONZALEZ, Luis David (Luis), Pos: RHP, Height: 6-3, Weight: 192, Bats: R, Throws: R. Born: 9/6/98, Villa Riva, D.R., Resides: San Francisco de Macoris, D.R., Obtained: Signed

as a non-drafted fre	e agent, 7/2/16, Scout:	Rene Gayo, Ju	an Mercado	& Victor Sar	ntana.									
YEAR CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	SV	IP	Н	R	ER	BB	SO
2017				Iniu	red - Did N	Int Play								

GONZALEZ, Ruben Adonis (Ruben), Pos: C, Height: 5-11, Weight: 185, Bats: R, Throws: R, Born: 9/3/97, Santo Domingo Centro, D.R., Resides: Santo Domingo, D.R., Obtained:

Signe	a as a non-draited	rree agent, 1/2/16, Scou	t: kene Gayo), Juan me	ercado & vi	icrot 29ur	ana.									
YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2017	Dom. Pirates	Dominican Sum.	.207	41	111	12	23	4	0	0	15	9	33	1	.285	.243

GONZALEZ, Yoel (Yoel), Pos: C, Height: 6-0, Weight: 211, Bats: R, Throws: R, Born: 8/1/96, San Cristobal, D.R., Resides: San Cristobal, D.R., Obtained: Signed as a non-drafted

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	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
1013	Dom. Pirates 2	Dominican Sum.	.188	44	149	20	28	7	1	1	14	11	24	0	.255	.268
2014	GCL Pirates	Gulf Coast	.220	40	150	14	33	7	0	1	12	14	30	1	.285	.287
2015	GCL Pirates	Gulf Coast	.153	36	111	9	17	0	0	1	12	14	15	1	.254	.180
016	Bristol	Appalachian	.218	31	101	7	22	3	0	1	14	11	32	2	.292	.277
2017	West Virginia	New York-Penn	.333	11	39	4	13	4	1	0	8	0	11	0	.325	.487
	West Virginia	South Atlantic	.248	30	105	13	26	6	0	5	19	4	30	0	.282	.448

GRANBERRY, Mikell (Mikell), Pos: C, Height: 6-1, Weight: 203, Bats: R, Throws: R, Born: 8/19/95, Mexicali, Mexico, Resides: Mexicali, Mexico, Obtained: Signed as a non-

drafte	d free agent, 10/16/	13, Scout: Rene Gayo &	Jesus Valde:	Ζ.												
YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2014 2015 2016 2017	Dom. Pirates Dom. Pirates GCL Pirates GCL Pirates Bristol	Dominican Sum. Dominican Sum. Gulf Coast Gulf Coast Appalachian	.259 .277 .261 .209 .250	33 52 32 40 1	112 188 119 129 4	17 212 14 13	29 52 31 27 1	5 7 9 8 1	1 4 1 5 0	2 5 2 0 0	13 30 19 16 1	19 22 5 17 0	38 51 38 31 2	3 5 3 2 0	.385 .361 .297 .309 .250	.375 .436 .403 .349 .500

GRAY, Tristan Colby (Tristan), Pos: INF, Height: 6-1, Weight: 188, Bats: L, Throws: R, Born: 3/22/96, Houston, TX, Resides: Missouri City, TX, School: Rice (TX) University, Obtained: Pirates' 13th round selection in 2017 First-Year Player Draft, Scout: Wayne Mathis, Notes: Hit .313 (55-for-176) with 16 doubles, eight home runs and 39 RBI in 47 games in 2017 as a junior at Rice University...His father, Jason Gray, also played baseball at Rice and was selected in the 26th round of the 2000 MLB Draft by the Texas Rangers... 2017: Was named to the New York-Penn League mid-season All-Star team; also took home All-Star Game MVP honors after going 2-for-2 with a home run and two RBI...Ranked first in the New York-Penn League in slugging percentage, tied for first in extra base hits (25), second in RBI, tied for third in triples and third in total bases (101).

YEA	R CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	ВВ	SO	SB	OBP	SLG
2017	West Virginia	New York-Penn	.269	53	208	28	56	12	6	7	37	19	32	5	.329	.486
HA	RTLIEB, Geoffre	y Thomas (Geoff), Po	s: RHP, Heigl	nt: 6-4, W	Veight: 241,	Bats: R.	Throws:	R, Born:	12/9/93,	Highland,	MO, Resi	ides: High	land, IL,	School:	Lindenwo	od (M0)

Unive	rsity, Obtained: P	irates' 29th round	l selection in 2015	First-Year	Player Draft,	Scout: Ma	tt Bimeal,	Notes: 20	017 : Finish	ed tied for t	fifth amor	ıg Pirates n	ninor leagu	ers in save	25.
YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	SV	IP	Н	R	ER	BB	SO
2016	Bristol	Appalachian	4-1	4.44	16	0	0	0	1	26.1	26	22	13	9	28
2017	West Virginia	South Atlantic	1-2	0.83	20	0	0	0	6	32.2	22	7	3	6	26
	Bradenton	Florida State	1-4	3.48	19	0	0	0	3	31.0	29	15	12	9	36

HAYES, Ke'Bryan Kobe (Ke'Bryan), Pos: INF. Height: 5-11. Weight: 195, Bats: R. Throws: R. Born: 1/28/97. Tomball, TX. Resides: Tomball, TX. School: Concordia Lutheran (TX) High School. Obtained: Pirates' supplemental first round selection (32nd overall) in 2015 First-Year Player Draft, Scout: Tyler Stohr, Notes: Was a 2015 pre-season Perfect Game All-American and Texas All-Region first-team selection...Hit .436 (41-for-94) with 16 doubles, one triple, three home runs, 27 RBI and 12 stolen bases as a senior at Concordia Lutheran High School.. Helped lead his high school to the 2015 TAPPS state championship after recording a game-winning, go-ahead RBI-single in the sixth inning...Played for the Team USA Junior National team in 2014 and the 2014 USA Baseball Tournament of Stars, where he hit .486 (17-for-35) with two doubles, a home run and seven RBI in 12 games for the Tournament of Stars...Is the son of former Pirate and long-time Major Leaguer Charlie Hayes...2015: Ranked first in the Gulf Coast League in on-base percentage and second in hitting...Ended season ranked by Baseball America as Pittsburgh's 8th-best prospect...2016: Was named to the South Atlantic League mid-season All-Star team as a utility infielder...2017: Entered the season ranked by Baseball America as Pittsburgh's sixth-best prospect...Was named a Gold Glove award winner at third base for all of minor league baseball...Ranked first among Florida State League third basemen in fielding percentage (.974) while also leading all third basemen in the league in total chances (307), assists (245) and double plays (25)... Was named to the Florida State League mid-season All-Star team...Ranked ninth in the Florida State League in batting, tied for fourth in runs scored and fifth in stolen bases; also had a league-leading 12 sacrifice bunts...Ranked second among Pirates minor leaguers in stolen bases... 2018: Entered the season rated by Baseball America as Pittsburgh's fourth-best prospect; was also tabbed by the same publication as the "Best Defensive Infielder" in the Pirates minor league system.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2015	GCL Pirates	Gulf Coast	.333	44	144	24	48	4	1	0	13	22	24	7	.434	.375
	West Virginia	New York-Penn	.220	12	41	8	9	1	0	0	7	6	7	1	.320	.244
2016	West Virginia	South Atlantic	.263	65	247	27	65	12	1	6	37	16	51	6	.319	.393
	GCL Pirates	Gulf Coast	.400	2	5	0	2	1	0	0	0	1	1	0	.500	.600
2017	Bradenton	Florida State	278	108	471	66	117	16	7	2	43	41	76	27	345	363

HEARN, Taylor Lynn (Taylor), Pos: LHP, Height: 6-5, Weight: 227, Bats: L, Throws: L, Born: 8/30/94, Royse City, TX, Resides: Royse City, TX, School: Oklahoma Baptist University, Obtained: From Washington, 7/30/16, along with pitcher Felipe Rivero, in deal for pitcher Mark Melancon, Notes: Was originally selected by Pittsburgh in the 22nd round of the 2012 First-Year Player Draft, but did not sign... Was also selected by Cincinnati in the 36th round of the 2014 First-Year Player Draft, but did not sign, and by Minnesota in the 25th round of the 2014 First-Year Player Draft, but did not sign...Was selected by Washington in the 5th round of the 2015 First-Year Player Draft...Went 9-0 with a 3.50 ERA in 15 games (13 starts) for Oklahoma Baptist in 2015... Also struck out 71 batters in 64.1 innings of work; his nine wins ranked tied for third in the NAIA Sooner Athletic Conference while his 71 strikeouts ranked 10th...Began his collegiate career at San Jacinto (TX) Junior College before transferring to Oklahoma Baptist...2016: Entered the season rated as Washington's 25th-best prospect according to MLB.com and 28th according to Baseball America... Posted a 1.50 FRA (12.0ip/2er) in three starts with West Virginia... 2017: Entered the season rated by Baseball America. as having the "Best Fastball" in Pittsburgh's minor league system...Went 2-0 with a 3.06 ERA and 14 strikeouts in eight appearances (four starts) for Glendale in the Arizona Fall League 2018: Entered the season rated by Rasehall America as Pittsburgh's ninth-best prospect

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	SV	IP	н	R	ER	BB	SO
2015	GCL Nationals	Gulf Coast	0-0	0.00	2	1	0	0	0	5.0	4	1	0	2	7
	Auburn	New York-Penn	1-5	3.98	10	10	0	0	0	43.0	49	22	19	13	38
2016	Hagerstown	South Atlantic	1-0	3.18	8	2	0	0	0	22.2	25	13	8	7	31
	GCL Nationals	Gulf Coast	0-0	1.42	2	2	0	0	0	6.1	2	1	1	6	8
	West Virginia	South Atlantic	1-1	1.99	8	3	0	0	0	22.2	15	6	5	10	36
2017	Bradenton	Florida State	4-6	4.12	18	17	0	0	0	87.1	65	41	40	37	106
	GCL Pirates	Gulf Coast	0-0	0.00	1	1	0	0	0	2.0	0	0	0	3	0

HELLWEG, John David (Johnny), Pos: RHP, Height: 6-7, Weight: 235, Bats: R, Throws: R, Born: 10/29/88, Ann Arbor, MI, Resides: O'Fallon, MO, School: Florida State College of Indicancial Community of the 2009 First Year Player David Parks and Community of the 2009 First Year Player David Parks and Community of the 2009 First Year Player David Parks and Community of the 2009 First Year Player David Parks and Community of the 2009 First Year Player David Parks and Community of the 2009 First Year Player David Parks and Community of the 2009 First Year Player David Parks and Community of the 2009 First Year Player David Parks and Community of the 2009 First Year Player David Parks and Community of the 2009 First Year Player David Parks and Community of the 2009 First Year Player David Parks and Community of the 2009 First Year Player David Parks and Community of the 2009 First Year Player David Parks and Community of the 2009 First Year Player David Parks and Community of the 2009 First Year Player David Parks and Community of the 2009 First Year Player David Parks and Community of the 2009 First Year Player David Parks and Community of the 2009 First Year Player David Parks and Community of the 2009 First Year Player Parks and Community of the 2009 First Year Player Parks and Community of the 2009 First Year Player Parks and Community of the 2009 First Year Player Parks and Community of the 2009 First Year Player Parks and Community of the 2009 First Year Player Parks and Community of the 2009 First Year Player Parks and Community of the 2009 First Year Player Parks and Community of the 2009 First Year Player Parks and Community of the 2009 First Year Player Parks and Community of the 2009 First Year Player Parks and Community of the 2009 First Year Player Parks and Community of the 2009 First Year Player Parks and Community of the 2009 First Year Player Parks and Community of the 2009 First Year Player Parks and Community of the 2009 First Year Player Parks and Community of the 2009 First Year Player Parks and Com

ot Jack	sonville, uptaine	a: Signed as a minor	' league tree a	igent, 8/24	/ I/, Notes : W	as origina	IIY SEIECTE	ea by Los .	Angeles (<i>i</i>	AL) IN TNE II	otn rouna	of the Zuub	First-year i	riayer vrai	π.
YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2008	Ari. Angels	Arizona	1-0	4.98	14	3	0	0	0	21.2	19	28	12	38	25
2009	Ari. Angels	Arizona	2-1	2.96	18	0	0	0	6	24.1	16	8	8	8	25
	Cedar Rapids	Midwest	0-0	1.35	5	0	0	0	2	6.2	4	3	1	7	7
2010	Cedar Rapids	Midwest	2-4	4.33	41	0	0	0	16	43.2	20	21	21	45	66
2011	Inland Empire	California	6-4	3.73	28	14	0	0	0	89.1	75	43	37	59	113
2012	Arkansas	Texas	5-10	3.38	21	21	1	0	0	119.2	105	52	45	60	88
	Huntsville	Southern	2-1	2.70	7	2	0	0	0	20.0	16	7	6	15	17
2013	Nashville	Pacific Coast	12-5	3.15	23	23	0	0	0	125.2	103	55	44	81	89
	Milwaukee	National	1-4	6.75	8	7	0	Ó	0	30.2	40	30	23	26	9
	Wisconsin	Midwest	1-0	3.00	1	1	0	0	0	6.0	5	2	2	2	4
2014	Nashville	Pacific Coast	1-2	4.95	4	4	0	0	0	20.0	21	11	11	15	12
2015	Brevard County	Florida State	1-6	4.89	11	11	0	0	0	46.0	43	33	25	30	28
	Biloxi	Southern	0-4	9.60	5	5	0	0	0	15.0	20	26	16	22	11
2016	San Antonio	Texas	1-4	10.97	6	6	0	0	0	21.1	32	27	26	14	12
	El Paso	Pacific Coast	0-1	10.80	4	Ö	Ō	Ō	Ö	3.1	6	4	4	5	5
	New Jersev	Can-Am	3-1	3.43	20	1	0	Ō	1	21.0	25	16	8	14	30
2017	New Jersey	Can-Am	2-3	3.79	36	0	Ō	Ō	19	38.0	38	19	16	16	62
	Altoona	Eastern	0-1	4.50	4	Õ	Ŏ	Ŏ	0	6.0	5	3	3	1	6
			• .			•	•	•	•	3.0	-	,	,		

HELTON, Brett Perry (Brett), Pos: RHP, Height: 6-3, Weight: 223, Bats: R, Throws: R, Born: 7/25/93, Colorado Springs, CO, Resides: Colorado Springs, CO, School: University of Utah, Obtained: Pirates' 9th round selection in 2015 First-Year Player Draft, Scout: Derrick Van Dusen, Notes: Went 2-8 in 18 appearances (10 starts) as a junior in 2015 with the University of Utah...lis father, Barry Helton, was an All-American football player at Colorado, spent four years in the NFL and won two Super Bowls with the San Francisco 49ers...Was a two-time all-state selection at Cheyenne Mountain High School in Colorado...Became the first player drafted by the Pirates out of the University of Utah since Chris Shelton in 2001...2016: Ranked first in the South Atlantic League in hit by pitches (15)...2017: Ranked first in the Florida State League in winning percentage (777), third in batting average against (255) and fourth in WHIP (1.26)...2017: Ranked fourth among Pirates minor leaguers in ERA.

	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	BB	SO
2015	West Virginia	New York-Penn	2-6	4.97	14	14	0	0	0	54.1	63	42	30	20	37
2016	West Virginia	South Atlantic	8-9	4.44	26	26	0	0	0	135.2	130	72	67	52	101
2017	Bradenton	Florida State	8-3	3.25	30	14	0	0	0	116.1	110	43	42	37	89

HENRIQUEZ, Juan Michel (Juan), Post: RHP, Height: 6-3, Weight: 185, Bats: R, Throws: R, Born: 10/22/96, Espaillat, D.R., Resides: Espaillat, D.R., Obtained: Signed as a non-drafted free agent, 7/3/17, Scout: Juan Mercado.

YEAR CLUB LEAGUE W-L ERA G GS CG SHO SV IP H R ER BB SO SIGNED FOR 2018

HERNANDEZ, Jommer Alexander (Jommer), Pos: C, Height: 5-11, Weight: 180, Bats: R, Throws: R, Born: 10/20/00, Puerto Plata, D.R., Resides: Puerto Plata, D.R., Obtained: Signed as a non-drafted free agent, 7/3/17, Scout: Juan Mercado.

YEAR CLUB LEAGUE AVG G AB R H 2B 3B HR RBI BB SO SB OBP SLG SIGNED FOR 2018

HERNANDEZ, Miguel Antonio (Miguel), Post RHP, Height: 6-5, Weight: 234, Bats: R, Throws: R, Born: 11/3/95, Santo Domingo, D.R., Resides: Santo Domingo, D.R., Obtained: Signed as a non-drafted free agent, 7/2/14, Scout: Rene Gayo & Juan Mercado, Notes: 2016: Led the Gulf Coast League in hit by pitches (14) and finished tied for third in walks...2017: Finished tied for third in the Appalachian League in appearances.

	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	SV	IP	Н	R	ER	BB	SO
2015	Dom. Pirates	Dominican Sum.	1-5	3.54	14	14	0	0	0	61.0	68	44	24	19	51
2016	GCL Pirates	Gulf Coast	2-2	4.67	10	9	9	9	9	34.2	25	21	18	23	27
2017	Bristol	Appalachian	1-4	10.13	20	0	0	0	1	24.0	32	34	27	19	17

HERNANDEZ, Raul Antonio (Raul), Pos: C, Height: 5-11, Weight: 203, Bats: R, Throws: R, Born: 12/20/95, Maturin, Venezuela, Resides: Maturin, Venezuela, Obtained: Signed as a non-drafted free agent, 7/2/14, Scout: Rene Gayo, Rodolfo Petit and Jhoan Hidalgo.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2015	Dom. Pirates	Dominican Sum.	.304	41	148	19	45	11	1	0	19	8	15	2	.350	.392
2016	GCL Pirates	Gulf Coast	.222	25	90	13	20	2	0	3	16	10	11	4	.314	.344
	Bradenton	Florida State	.000	1	3	0	0	0	0	0	0	1	0	0	.250	.000
	West Virginia	South Atlantic	.150	11	40	1	6	3	0	0	5	0	5	0	.150	.225
2017	GCL Pirates	Gulf Coast	.000	1	2	0	0	0	0	0	0	0	1	0	.000	.000
	Bristol	Appalachian	.192	6	26	3	5	1	1	0	6	0	4	0	.185	.308
	West Virginia	New York-Penn	.259	18	58	5	15	2	1	0	3	2	11	1	.297	.328
	West Virginia	South Atlantic	.188	5	16	0	3	0	0	0	1	1	3	0	.235	.188

HERRERA, Jhoan del Jesus (Jhoan), Pos: INF, Height: 6-1, Weight: 231, Bats: L, Throws: R, Born: 6/14/95, Peravia, D.R., Resides: Peravia, D.R., Obtained: Signed as a non-drafted free agent, 7/1/12, Scout: Rene Gayo & Juan Mercado, Notes: 2015: Ranked fourth in the Gulf Coast League in doubles.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	н	2B	3B	HR	RBI	BB	so	SB	OBP	SLG
2013	Dom. Pirates 2	Dominican Sum.	.238	64	235	30	56	9	2	2	36	25	48	1	.327	.319
2014	Dom. Pirates	Dominican Sum.	.282	31	110	10	31	8	0	0	14	14	26	0	.365	.355
2015	GCL Pirates	Gulf Coast	.265	46	162	15	43	13	1	1	22	13	40	0	.318	.377
2016	Bristol	Appalachian	.252	57	210	24	53	15	1	4	21	21	53	1	.326	.390
2017	Bristol	Appalachian	.353	4	17	2	6	2	0	1	3	3	5	0	.450	.647

HIGHTOWER, Anthony Matthew (Scooter), Pos: RHP, Height: 6-4, Weight: 220, Bats: R, Throws: R, Born: 10/15/93, Clarksville, TN, Resides: Clarksville, TN, School: Columbia State (TN) Community College, Obtained: Pirates' 15th round selection in 2015 First-Year Player Draft, Scout: Jerry Jordan, Notes: Went 10-1 with a 2.42 ERA and 86 Strikeouts in 16 appearances in 2014 with Columbia State Community College...2015: Ranked second among Appalachian League relievers in walks per 9.0 innings (1.50) and fourth in fewest baserunners per 9.0 innings (9.30)...2017: Ranked second in the New York-Penn League in ERA and innings pitched, tied for first in starts, and fourth in strikeouts and WHIP (0.98); also ranked second among New York-Penn League starters in fewest walks per 9.0 innings (0.93) and fewest baserunners per 9.0 innings (9.52)... Was named the New York-Penn League pitcher-of-the-week for the week of 6/19-25.

	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	BB	so
2015	Bristol	Appalachian	4-2	3.31	14	4	0	0	2	49.0	44	19	18	7	55
2016	West Virginia	New York-Penn	2-5	2.82	16	0	0	0	0	38.1	46	16	12	7	37
	West Virginia	South Atlantic	2-0	0.00	2	0	0	0	0	7.0	2	0	0	0	8
2017	West Virginia	New York-Penn	4-1	1.94	16	15	0	0	0	88.0	77	30	19	9	80

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HILL, Logan Walker (Logan), Pos: 0F, Height: 6-3, Weight: 225, Bats: R, Throws: R, Born: 5/26/93, Pensacola, FL, Resides: Pensacola, FL, School: Troy (AL) University, Obtained: Pirates' 25th round selection in 2015 First-Year Player Draft, Scout: Darren Mazeroski, Notes: Was named to the American Baseball Coaches Association (ABCA)/Rawlings South Central All-Region team after ranking in the top 10 in the Sun Belt Conference in batting average (.534), hits (.73), RBI (42), stolen bases (13), total bases (13), slugging percentage (.549) and on-base percentage (.440) in 2015. _2015: Was named to the New York-Penn League mid-season All-Star team...Ranked in the New York-Penn League in batting, second in RBI and slugging percentage, tied for third in home runs and total bases (105) and fifth in on-base percentage...Was named the New York-Penn League Player-of-the-Month for July after leading the league in total bases (51), RBI (23), home runs (four) and OPS (.010); also ranked fourth in the league in average (.330) and runs scored (19) for the month...2017: Ranked second among all Pirates minor leaguers in home runs (18)...Was named to the Florida State League mid- and post-season All-Star team...Finished tied for second in the Florida State League in home runs...Hit ...29 with five doubles, one triple, two home runs and 14 RBI in 18 oames with Glendale during the Arizona Fall League.

YEAR	R CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2015	West Virginia	New York-Penn	.297	60	219	33	65	13	3	7	45	28	51	13	.402	.479
2016	Bradenton	Florida State	.226	17	62	6	14	2	0	2	7	5	20	- 1	.319	.355
	West Virginia	South Atlantic	.254	93	335	45	85	19	5	11	40	29	97	13	.323	.429
2017	Bradenton	Florida State	.266	71	267	44	71	14	2	16	52	31	73	3	.351	.513
	Altoona	Factorn	270	22	70	17	22	5	Λ	2	۵	1//	21	Λ	7.05	/10

HINSZ, Gage Michael (Gage), Pos: RHP, Height: 6-4, Weight: 219, Bats: R, Throws: R, Born: 4/20/96, Billings, MT, Resides: Lowell, WY, School: Billings West (MT) High School, Obtained: Pirates' 11th round selection in 2014 First-Year Player Draft, Scout: Max Kwan, Notes: Was rated by Baseball America as the top prospect from Montana and the 32nd-best high school right-handed nither in the patility her in the patility and the prospect from Montana and the 32nd-best high school right-handed nither in the patility and the school residual sc

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YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2014	GCL Pirates	Gulf Coast	0-0	3.38	3	2	0	0	0	8.0	8	4	3	4	7
2015	Bristol	Appalachian	3-4	3.79	10	9	0	0	0	38.0	37	21	16	23	24
2016	West Virginia	South Atlantic	6-8	3.66	17	17	0	0	0	93.1	93	39	38	25	67
2017	Bradenton	Florida State	5-5	5.61	20	19	0	0	0	94.2	112	60	59	31	52

HODGE, Francisco Alberto (Francisco), Pos: LHP, Height: 6-3, Weight: 190, Bats: L, Throws: L, Born: 5/23/00, San Pedro de Macoris, D.R., Resides: San Pedro de Macoris, D.R., Obtained: Signed as a non-drafted free agent. 12/22/17. Scout: Junior Vizcaino.

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YEAR CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB SO
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HUGHSTON, (asey B. (casey), **Pos**: OF, **Height**: 6-1, **Weight**: 218, **Bats**: L, **Throws**: R, **Born**: 6/9/94, Mobile, AL, **Resides**: Mobile, AL, **School**: University of Alabama at Tuscaloosa, **Obtained**: Pirates' 3rd round selection in 2015 First-Year Player Draft, **Scout**: Darren Mazeroski, **Notes**: Started all 60 games as a sophomore in 2015 in right field for the University of Alabama while hitting .332 (78-for-255) with 14 doubles, four triples, six home runs, 44 RBl and 39 runs scored... Turned 21-years-old the day he was drafted (June 9)... Was named to the Golden Spikes Award mid-season Watch List in 2015... Led the Tide in hits and total bases (118) in 2015...Hit 216 (25-for-409) with 21 doubles, six triples, 10 home runs and 69 RBl in 112 games in his two-year career at Alabama....Was the first player drafted by the Pirates out of the University of Alabama since pitcher Jason Townsend in 2010...**2015**: Was named the New York-Penn League player-of-the-week for the week of 8/3-10...Broke a 1-1 tie in the ninth inning with a two-run home run on the road at Staten Island to finish off the sweep in the New York-Penn League championship...**2017**: Entered the season rated by *Baseball America* as the "Best Defensive Outfielder" in Pittsburgh's minor league system...Was named to the Florida State League mid-season All-Start eam...Finished tied for the Florida State League lead in triples...**2018**: Was rated by *Baseball America* as the "Best Defensive Outfielder" in the Pirates minor league system.

	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2015	West Virginia	New York-Penn	.224	61	219	23	49	9	2	2	28	13	71	4	.267	.311
2016	West Virginia	South Atlantic	.190	102	400	49	76	11	7	11	35	30	154	16	.251	.335
2017	Bradenton	Florida State	.248	114	400	52	99	16	9	8	41	29	147	15	.300	.393
	Altoona	Fastern	.220	2	5	0	1	0	1	0	7	0	3	0	.200	600

INOA, Samuel De Jesus (Samuel), Pos: C, Height: 6-0, Weight: 175, Bats: R, Throws: R, Born: 10/6/98, Santiago de los Caballeros, D.R., Resides: Santiago de los Caballeros, D.R., Resides: Santiago de los Caballeros, D.R., Obtained: Signed as a non-drafted free agent, 7/2/15, Scout: Rene Gayo, Juan Mercado, Jefferson Mercado & Esteban Alvarez, Notes: 2017: Was named to the Dominican Summer League mid-season All-Star team.

YEAF	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2016	Dom. Pirates	Dominican Sum.	.220	37	127	15	28	3	2	1	14	10	25	1	.294	.299
2017	Dom Pirates	Dominican Sum	316	34	117	28	37	10	2	2	18	21	71	1	433	487

JACKSON, Bralin Joseph (Bralin), **Pos:** 0F, **Height:** 6-2, **Weight:** 183, **Bats:** R, **Throws:** L, **Born:** 12/2/93, Independence, MO, **Resides:** Raytown, MO, **School:** Raytown South (MO) High School. **Obtained:** Signed as a minor league free agent. 11/30/17, **Notes:** Was originally selected by Tampa Bay in the 5th round of the 2012 First-Year Player Draft.

	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2012	GCL Rays	Gulf Coast	.253	39	146	16	37	5	4	0	11	6	39	5	.286	.342
2013	Princeton	Appalachian	.216	60	231	20	50	4	3	3	16	19	56	11	.281	.299
2014	Hudson Valley	New York-Penn	.279	62	229	37	64	13	4	1	23	25	64	17	.349	.384
2015	Bowling Green	Midwest	.274	116	413	45	113	19	3	3	41	37	84	14	.337	.356
	Brisbane	Australian Baseball	.271	46	188	30	51	9	2	3	19	16	47	5	.330	.388
2016	Charlotte	Florida State	.219	65	233	22	51	7	0	3	17	18	59	6	.276	.288
	GCL Rays	Gulf Coast	.364	6	22	4	8	3	0	0	1	2	4	0	.417	.500
2017	Washington	Frontier	.294	95	388	61	114	17	3	16	76	18	69	8	.325	.477

JENNINGS, Steven Donald (Steven), Pos: RHP, Height: 6-1, Weight: 183, Bats: R, Throws: R, Born: 11/13/98, Brush Creek, TN, Resides: Brush Creek, TN, School: DeKalb County (TN) High School, Obtained: Pirates' 2nd round selection in 2017 First-Year Player Draft, Scout: Jerry Jordan, Notes: Went 5-2 with a 0.54 ERA and 99 strikeouts in 2017 as a senior at DeKalb County High School. Was named a 2017 Rawlings-Perfet Game honorable mention All-American and a Southeast All-Region First-Team selection...Was rated 47th by MIBPipeline.com on the 2017 Prospect Watch....Also played football for DeKalb County, where he was the quarterback of the team and the 4-3A Offensive MVP in 2015 after throwing for 2,131 yards and 19 touchdowns while also rushing for 908 yards.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	SV	IP	Н	R	ER	BB	SO
2017	GCL Pirates	Gulf Coast	0-2	4.10	10	10	0	0	0	26.1	31	18	12	10	13

JESS, Jordan Douglas (Jordan), Pos: LHP, Height: 6-2, Weight: 245, Bats: L, Throws: L, Born: 1/29/93, Rippon, WI, Resides: Rippon, WI, Schoot: University of Minnesota, Obtained: Pirates' 31st round selection in 2016 First-Year Player Draft, Scout: Anthony Wycklendt, Notes: Ended his career at Minnesota tied for second in career saves (35)...Went 0-0 with 10 saves and 35 strikeouts in 23 appearances (27.lip) in 2016 at Minnesota... His 10 saves in 2016 were the fourth-most in a single season in school history...Was named to the National Collegiate Baseball Writers Assocation Stopper-of-the-Year Award Watch List prior to the 2016 season...2016: Finished tied for second in the Appalachian League in saves... 2017: Was named to the South Atlantic League mid-season All-Star team.

YEAR	R CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	so
2016	Bristol	Appalachian	2-2	2.55	17	0	0	0	7	24.2	29	9	7	7	27
2017	West Virginia	South Atlantic	0-4	2.92	30	0	0	0	2	49.1	45	23	16	11	59
	Rradenton	Florida State	0-0	9.74	8	Λ	Λ	Λ	Λ	12.2	18	13	17	5	7

JIMENEZ, Melvin Rafael (Melvin), Poss. INF, Height: 5-11, Weight: 180, Bats: S, Throws: R, Born: 9/9/95, Villa Gonzalez, D.R., Resides: Villa Gonzalez, D.R., Obtained: Signed as a non-drafted free agent, 10/17/14, Scout: Rene Gayo, Juan Mercado & Esteban Alvarez, Notes: 2015: Was named to the Dominican Summer League mid-season All-Star team.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2015	Dom. Pirates	Domincan Sum.	.301	65	229	45	69	9	4	0	25	34	26	8	.401	.376
2016	GCL Pirates	Gulf Coast	.236	24	89	12	21	2	0	0	10	10	13	3	.307	.258
2017	Bristol	Appalachian	.280	43	157	21	44	2	1	0	20	24	15	6	.370	.306

JIMENEZ, Randy (Randy), Pos: LHP, Height: 6-3, Weight: 190, Bats: L, Throws: L, Born: 6/21/98, Cotui, D.R., Resides: Cotui, D.R., Obtained: Signed as a non-drafted free agent, 6/4/15, Scout: Rene Gavo, Juan Mercado & Jefferson Mercado.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2015						DID	NOT PLAY								
2016	Dom. Pirates	Dominican Sum.	2-4	6.33	16	0	0	0	0	21.1	21	19	15	19	22
2017	Dom. Pirates	Dominican Sum.	2-2	8.59	16	0	0	0	1	22.0	20	23	21	24	27

KELLER, Mitchell Thomas (Mitch), Pos: RHP, Height: 6-2, Weight: 205, Bats: R, Throws: R. Born: 4/4/96, Cedar Rapids, IA, Resides: Cedar Rapids, IA, School: Xavier (IA) High School, Obtained: Pirates' 2nd round selection in 2014 First-Year Player Draft, Scout: Matt Bimeal, Notes: Was ranked by Baseball America as the top prospect in the state of lowa prior to the 2014 draft...Posted a 1.72 ERA in senior year at Xavier High School...His older brother, Jon Keller, was selected by Baltimore in the 22nd round of the 2013 draft...2015: Was rated as Pittsburgh's ninth-best prospect entering the season by Baseball America...2016: Was named Pittsburgh's Minor League Pitcher-of-the-Year...Was named to the South Atlantic League mid- and post-season All-Star team...Was also named the South Atlantic League's Most Outstanding Pitcher and the "Best Right-Handed Pitcher" at the end of the year...Ranked second in the South Atlantic League in ERA and batting average against (.211), first in WHIP (0.92) and fewest baserunners per 9.0 innings among starters (9.05) and third in strikeouts per 9.0 innings among starters (9.48)...Was named the South Atlantic League pitcher-of-the-week for the week of 4/7-17...Was named the South Atlantic League player-of-the-month for April after going 2-1 with a 0.86 ERA in four starts; also allowed just 12 hits, walked one and struck out 28 batters while posting a .167 batting average against...Was the starter and winner for the North Division in the South Atlantic League All-Star Game on 6/21... Finished third in West Virginia single-season history in strikeouts, trailing only Tyler Glasnow (164 in 2013) and Will Inman (134 in 2006)...Ranked second among Pirates minor leaguers in strikeouts and fourth in ERA...2017: Entered the season rated by Baseball America as Pittsburgh's second-best prospect and as having the "Best Curveball" in Pittsburgh's minor league system...Was named to the Florida State League mid-season All-Star team...Was named the Florida State League pitcher-of-the-week for the week of 5/1-7...Ranked third among Pirates minor leaguers in ERA (3.03) and fourth in strikeouts (116)... Was named to the Arizona Fall League's Fall-Star's Game; was the starting pitcher for the West team (2.0ip/lh/1r/ler/2bb/0so)...Was named the best starting right-handed pitcher in the Arizona Fall League...Led the Arizona Fall League with four wins while also ranking fifth in ERA (1.52)...Was one of three starting pitchers named to the Arizona Fall League's Top Prospects team following the season... 2018: Entered the season rated by Baseball America as Pittsburgh's No. 1 prospect; was also tabbed by the same publication as having the "Best Fastball", "Best Curveball" and having the "Best Control" in the Pirates minor league system.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	вв	so
2014	GCL Pirates	Gulf Coast	0-0	1.98	9	8	0	0	0	27.1	19	8	6	13	29
2015	Bristol	Appalachian	0-3	5.49	6	6	0	0	0	19.2	25	18	12	16	25
2016	West Virginia	South Atlantic	8-5	2.46	23	23	0	0	0	124.1	96	36	34	18	131
	Bradenton	Florida State	1-0	0.00	1	1	0	0	0	6.0	5	0	0	1	7
2017	Bradenton	Florida State	6-3	3.14	15	15	0	0	0	77.1	57	29	27	20	64
	West Virginia	New York-Penn	0-0	0.00	2	2	0	0	0	4.0	2	0	0	1	7
	Altoona	Eastern	2-2	3.12	6	6	0	0	0	34.2	25	14	12	11	45

KEMP, Shane Alan (Shane), Pos: RHP, Height: 6-2, Weight: 181, Bats: R, Throws: R, Born: 7/12/94, Waterloo, IA, Resides: Waterloo, IA, School: George Washington (DC) University, Obtained: Pirates' 26th round selection in 2015 First-Year Player Draft, Scout: Dan Radcliff, Notes: Went 3-2 with a 4.18 ERA (32.lip/20er) in 12 games (seven starts) as a senior in 2015 at George Washington University (team is coached by former Pirates hitting coach Gregg Ritchie)...Was the first player ever selected by the Pirates out of George Washington University.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2015	Bristol	Appalachian	1-0	18.00	5	0	0	0	0	8.0	17	17	16	7	4
	GCL Pirates	Gulf Coast	0-3	2.12	5	3	0	0	0	17.0	17	4	4	4	10
2016	Bristol	Appalachian	2-1	3.82	18	0	0	0	1	35.1	37	18	15	7	28
2017	West Virginia	New York-Penn	3-2	3.68	14	0	0	0	0	22.0	26	9	9	4	22
	West Virginia	South Atlantic	0-0	6.75	2	0	Ô	0	0	51	5	5	Δ	3	4

KESELICA, Sean Michael (Sean), Post LHP, Height: 6-2, Weight: 200, Bats: L, Throws: L, Born: 6/14/93, Summit, NJ, Resides: Glen Gardner, NJ, School: Virginia Tech University, Obtained: Pirates' 35rd round selection in 2015 First-Year Player Draft, Scout: Dan Raddiff, Notes: Went 5-4 with a 3.47 ERA in 12 appearances as a senior in 2015 at Virginia Tech... Was the second player out of Virginia Tech to be drafted by the Pirates; also George "Sandy" Hill in the 36th round in 1977...2017: Finished tied for third among Pirates minor leaguers in appearances.

YEA	R CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	BB	SO
2015	West Virginia	New York-Penn	2-2	4.78	19	0	0	0	3	26.1	26	14	14	15	36
2016	West Virginia	South Atlantic	2-1	1.41	24	0	0	0	2	51.0	32	8	8	14	54
	Bradenton	Florida State	0-0	0.00	1	0	0	0	0	1.0	0	0	0	0	1
2017	Altoona	Eastern	4-2	3.54	42	3	0	0	3	73.2	67	34	29	39	72

KRANICK, Max Joseph (Max), Pos: RHP, Height: 6-2, Weight: 201, Bats: R, Throws: R, Born: 7/21/97, Scranton, PA, Resides: Jessup, PA, School: Valley View (PA) High School, Obtained: Pirates' 11th round selection in 2016 First-Year Player Draft, Scout: Dan Radcliff, Notes: Went 16-3 with a 1.17 ERA and 201 strikeouts in his career at Valley View High School... Went 5-0 with a 0.31 ERA and 66 strikeouts as a senior while leading his team to the District 2 Class AAA final...Was a 2016 Rawlings-Perfect Game second-team All-American selection... 2016: Allowed one unearned run in 10.0 innings of relief.

	R CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	вв	so
2016	GCL Pirates	Gulf Coast	1-2	2.43	9	6	0	0	0	33.1	31	13	9	4	21
2017	GCL Pirates	Gulf Coast	0-0	0.00	3	3	0	0	0	12.2	12	6	0	4	9
	Bristol	Appalachian	1-0	2.31	2	2	0	0	0	11.2	10	4	3	2	9

KRAUSE, Kevin James (Kevin), Pos: C, Height: 6-1, Weight: 200, Bats: R, Throws: R, Born: 11/23/92, Staten Island, NY, Resides: Staten Island, NY, School: Stony Brook (NY) University, Obtained: Pirates' 9th round selection in 2014 First-Year Player Draft, Scout: Steve Skrinar, Notes: Was named the America East Conference Player-of-the-Year in 2014 after hitting .354 while leading the league in home runs (eight) and RBI (51)...Was named a Louisville Slugger third-team All-American in 2014 and an America East Conference First-team selection in 2014. 2016: Was named to the New York-Penn League mid-season All-Star team...Ranked fourth in the New York-Penn League in walks... 2017: Was named the Florida State League player-of-the-week for the week of 4/6-16.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	so	SB	OBP	SLG
2014	Jamestown	New York-Penn	.276	39	134	22	37	9	4	7	32	16	28	6	.363	.560
2015						INJ	JRED - DI	D NOT PL	AY							
2016	West Virginia	New York-Penn	.273	52	176	34	48	6	1	3	20	35	26	10	.400	.369
2017	Bradenton	Florida State	.276	86	283	36	78	18	2	10	43	40	47	7	.370	.459

LANTIGUA, Edison (Edison), Pos: OF, Height: 6-0, Weight: 189, Bats: L, Throws: L, Born: 1/9/97, Puerto Plata, D.R., Resides: Puerto Plata, D.R., Obtained: Signed as a non-drafted free agent, 7/3/13, Scout: Rene Gayo & Juan Mercado, Notes: 2016: Ranked second in the Gulf Coast League in triples...2017: Was named to the Appalachian League post-season All-Star team...Ranked fifth in the Appalachian League in on-base percentage and walks and ninth in batting.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2014	Dom. Pirates	Dominican Sum.	.299	47	164	30	49	12	5	0	30	25	36	3	.390	.433
2015	GCL Pirates	Gulf Coast	.207	37	121	11	25	6	0	2	11	7	27	1	.250	.306
2016	GCL Pirates	Gulf Coast	.261	45	165	15	43	5	7	0	19	21	40	5	.348	.376
2017	Bristol	Appalachian	.307	48	176	28	54	14	2	4	18	30	62	8	.411	.477

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LANTIGUA, John Michael (John), Pos: 0F, Height: 6-1, Weight: 170, Bats: L, Throws: R, Born: 8/26/97, Moca, D.R., Resides: Moca, D.R., Obtained: Signed as a non-drafted free agent, 7/2/16, Scout: Rene Gayo, Juan Mercado & Cristino Valdez.

YEAR CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2017 Dom. Pirates	Dominican Sum.	.214	28	84	18	18	0	0	0	7	14	12	7	.333	.214

LEE, David Carr (David), Pos: RHP, Height: 6-4, Weight: 192, Bats: R, Throws: R, Born: 9/13/95, Gainesville, FL, Resides: Gainesville, FL, School: University of Florida, Obtained: Pirates' 27th round selection in 2017 First-Year Player Draft, Scout: Darren Mazeroski, Notes: Made two appearances as a junior in his first season with the 2017 College World Series champion University of Florida Gators...Also played for Santa Fe College and Florida International University during his collegiate career...Went 6-2 with a 4.00 ERA with 58 strikeouts in 54 innings pitched at Santa Fe and 2-2 with a 4.42 ERA and 39 strikeouts in 36.2 innings at FlU...Was also selected in the 38th round of the 2016 draft by the San Francisco Giants.

 YEAR CLUB
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 2017
 GCL Pirates
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LINAREZ, Valentin Guillermo (Valentin), Pos: RHP, Height: 6-5, Weight: 190, Bats: R, Throws: R, Born: 2/14/00, San Cristobal, D.R., Resides: Palenque, D.R., Obtained: Signed as a non-drafted free agent. 1/25/18. Scout: Junior Vizcaino.

as a non-drafted fre	ee agent, 1/25/18, Scou	t: Junior Vizcair	10.											
YEAR CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
					SIG	NED EUD .	2018							

LORENZO, Rafelin (Rafelin), Pos: C, Height: 6-2, Weight: 200, Bats: R, Throws: R, Born: 1/15/97, Bonao, D.R., Resides: Bonao, D.R., Obtained: Selected off Tampa Bay's Montgomery roster in Triple-A Phase of Rule Five Draft. 12/14/17. Notes: Was originally signed by Tampa Bay as a non-drafted free agent on 7/2/13.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2014	Dom. Rays	Dominican Sum.	.274	41	157	18	43	8	2	5	33	12	31	0	.329	.446
2015	GCL Rays	Gulf Coast	.191	40	131	9	25	8	0	2	15	8	25	6	.246	.298
2016	Princeton	Appalachian	.207	35	140	23	29	7	0	1	18	2	34	0	.226	.279
2017	Hudson Valley	New York-Penn	.250	51	200	30	50	14	1	3	25	9	43	0	.291	.375

MacGREGOR, Travis Slayden (Travis), Pos: RHP, Height: 6-3, Weight: 189, Bats: R, Throws: R, Born: 10/15/97, Clearwater, FL, Resides: Tarpon Springs, FL, School: East Lake (FL) High School, Obtained: Pirates' 2nd round selection in 2016 First-Year Player Draft, Scout: Nick Presto, Notes: Was a 2016 Rawlings-Perfect Game honorable mention All-American...Went 7-1 for East Lake High School as a senior while recording a 0.92 ERA and 82 strikeouts in 54.0 innings pitched...2016: Allowed one unearned run over 8.0 innings in first four professional starts.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2016	GCL Pirates	Gulf Coast	1-1	3.13	9	9	0	0	0	31.2	29	12	11	10	19
2017	Bristol	Appalachian	1-4	7.84	12	12	0	0	0	41.1	61	41	36	20	32

MACHADO, Kleiner Geremi (Kleiner), Pos: RHP, Height: 5-11, Weight: 155, Bats: R, Throws: R, Born: 3/8/99, Caracas, Venezuela, Resides: Barlovento, Venezuela, Obtained: Signed as a non-drafted free agent. 77/75. Scout: Rene Gavo. Rodolfo Petit & Ihoan Hidalgo.

signed as a non-arante are agent, 1/2/15/ Debut here days, hodono reac as noan-madigor															
YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2016	Dom. Pirates	Dominican Sum.	2-2	4.24	16	0	0	0	0	34.0	28	20	16	24	14
2017	Dom. Pirates	Dominican Sum.	2-2	3.12	20	0	0	0	3	34.2	31	25	12	16	27

MADRIS, Bligh John (Bligh), Pos: 0F, Height: 6-1, Weight: 202, Bats: L, Throws: R, Born: 2/29/96, Las Vegas, NV, Resides: Henderson, NV, School: Colorado Mesa University, Obtained: Pirates' 9th round selection in 2017 First-Year Player Draft, Scout: Derrick Van Dusen, Notes: Hit. 422 (92-for-218) with 14 doubles, 17 home runs, 67 R8I and a 2751 slugging percentage in 62 games in 2017 with Colorado Mesa University...Ranked 10th in the country among Division II players with 67 R8I and eighth with a .757 slugging percentage...Was the Rocky Mountain Athletic Conference Freshman-of-the-Year in 2015...Was named a finalist for the 2017 Timo Martinez Player of the Year...2017: Was named to the New York-Penn League mid-season All-Star team...Was named the New York-Penn League batter-of-the-week for the week of 7/17-23...Ranked fifth in the New York-Penn League in total bases (97). YEAR CLUB LEAGUE AVG BR BR H 28 3B HR R8I BB SO SB 0BP SLG-2017 West Virginia New York-Penn 270 56 226 36 61 13 4 5 31 22 43 2 344 4.29

MAHALA, Kevin Conor (Kevin), Pos: INF, Height: 6-3, Weight: 194, Bats: R, Throws: R, Born: 7/19/94, Summit, NJ, Resides: Far Hills, NJ, School: George Washington University, Obtained: Pirates' 18th round selection in 2016 First-Year Player Draft, Scout: Dan Radcliff, Notes: Hit. 286 with four home runs and a team-best 47 RBI in 55 games in 2016. His 20d doubles led the team, ranked second in the Atlantic 10 and ranked as the third-most in a single season in grorgam history.... Joined former teammate Shane Kemp as the only Colonials to be selected by the Pirates...2016: Was named to the New York-Penn League mid-season All-Star team.

YEAF	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2016	West Virginia	New York-Penn	.265	51	181	19	48	4	1	2	18	17	46	6	.332	.331
2017	West Virginia	South Atlantic	.230	98	317	37	73	11	1	4	27	35	94	3	.311	.309

MALDONADO, Jose Luis (Jose), Post: RHP, Height: 6-2, Weight: 169, Bats: R, Throws: R, Born: 1/17/99, San Cristobal, D.R., Resides: San Cristobal, D.R., Obtained: Signed as

a non ulanteu nee t	igent, 1/5/11, 3tout . J	ian riercauo.												
YEAR CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
	CICNED FOD 2010													

MANASA, Alexander Bayard (Alex), Pos: RHP, Height: 6-4, Weight: 208, Bats: L, Throws: R, Born: 1/6/98, Farmington, MI, Resides: Farmington, MI, Schoot: Jackson (MI) Community College, Obtained: Pirates' 11th round selection in 2017 First-Year Player Draft, Scout: Adam Bourassa, Notes: Went 0-0 with five saves, a 127 ERA (21lip/3er) and 31 strikeouts in 16 relief appearances in 2017 at Jackson Community College...Became the highest draft pick in the history of the Jackson College baseball program...Became only the fourth Jackson College player to be drafted...Also hit. 410 (75-for-183) with 16 doubles, three triples, three home runs and 56 RBI in 50 games in 2017...Earned All-Michigan Community College Athletic Association honors, All-Eastern Conference First-Team and Eastern Conference All-Freshman Team in 2017... Also played basketball in high school...2017: Ranked fifth program Analyships Logarue Gildware in Geware transfer under new 10 program Analyships Logarue Gildware in Geware transfer under new 10 program Analyships Logarue Gildware in Geware transfer under new 10 program Analyships Logarue Gildware in Geware transfer under new 10 program Analyships Logarue Gildware in Geware in

College Athletic Ass	sociation nonors, All-Eas	tern conferen	ce First-Team	and Easte	rn conferen	ice ali-Fre	esnman re	eam in zvi	/ AISO PIA	yea baske	ıbalı in nig	N SCNOOI ∠	VII: Kanke	ea mun
among Appalachian League relievers in fewest walks per 9.0 innings (1.80).														
YEAR CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2017 Bristol	Appalachian	2-1	3.76	17	1	0	0	1	38.1	46	21	16	7	35

MANZANILLO, Yeudry (Yeudry), Post: RHP, Height: 6-2, Weight: 207, Bats: R, Throws: R, Born: 12/7/98, Santo Domingo Este, D.R., Resides: Santo Domingo, D.R., Obtained: Signed as a non-drafted free agent 7/7/15 Scout: Rene Gayo, Juan Mercado & Victor Santana

Signe	signed as a non-dialted nee agent, 1/2/15, Stout. Kene dayo, Judii mercado a victor santana.														
YEAF	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2016	Dom. Pirates	Dominican Sum.	2-5	5.46	14	14	0	0	0	59.1	65	44	36	24	23
2017	GCI Diratos	Gulf Coast	7_/	A 11	17	7	Λ	Λ	Λ	46 N	50	25	21	15	20

MARCANO, Jose Leonardo (Jose), Pos: LHP, Height: 6-1, Weight: 180, Bats: L, Throws: L, Born: 3/10/99, Barcelona, Venezuela, Resides: Puna de Mata, Venezuela, Obtained: Signed as a non-drafted free agent. 7/2/16. Scout: Rene Gavo. Rodolfo Petit. Jhoan Hidalgo.

0.5	signed as a non-dianece nee agency 7 2/10, seems nene adjoint addition ready should made go														
YEAR	R CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2017	Dom. Pirates	Dominican Sum.	2-2	3.69	14	11	0	0	0	63.1	58	31	26	16	48

MARCOS, Norkis (Norkis), Pos: INF, Height: 6-0, Weight: 160, Bats: R, Throws: R, Born: 5/26/01, San Cristobal, D.R., Resides: San Cristobal, D.R., Obtained: Signed as a non-drafted free agent. 7/3/17. Scout: Juan Mercado.

YEAR CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
CICNED FOD 2010															

MARTIN, Mason Neil (Mason), Pos: OF, Height: 6-0, Weight: 213, Bats: L, Throws: R, Born: 6/2/99, Kennewick, WA, Resides: Kennewick, WA, School: Southridge (WA) High School, Obtained: Pirates '17th round selection in 2017 First-Year Player Draft, Scout: Max Kwan, Notes: Hit. 507 with nine doubles, five home runs and 30 RBI as a senior in 2017 at Southridge High School...Also recorded 35 runs scored and 10 stolen bases in 2017...Earned Mid-Columbia Conference First-Team honors as an outfielder in 2017...Was rated 312th overall in the draft by Baseball America and the fifth-best draft prospect in Washington...Was also tabbee by Baseball America as the 19th ranked first baseman in the draft...2017. Was named the Most Valuable Player in the Gulf Coast League...Was also named to the Gulf Coast League post-season All-Star team...Led the Gulf Coast League in home runs, 0BP, slugging percentage, 0PS (1.087) and home runs per at bat ratio (1/11.55) while finishing third in runs scored and eighth in batting...Hit 11 home runs; the most in a single season by a member of the GCL Pirates.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2017	GCL Pirates	Gulf Coast	.307	39	127	37	39	8	0	11	22	32	41	2	.457	.630

MARTINEZ, Angel Joel (Angel), Pos: LHP, Height: 6-4, Weight: 190, Bats: L, Throws: L, Born: 11/14/96, Santo Domingo Centro, D.R., Resides: Santo Domingo, D.R., Obtained: Signed as a non-drafted free agent, 10/30/15, Scout: Rene Gayo, Juan Mercado & Victor Santana.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2016	Dom. Pirates	Dominican Sum.	1-1	2.31	6	0	0	0	0	11.2	12	7	3	9	8
2017	Dom Pirates	Dominican Sum	0-0	0.00	4	0	0	0	0	3.2	0	1	0	7	3

MARVEL, James Michael (James), Pos: RHP, Height: 6-4, Weight: 197, Bats: R, Throws: R, Born: 9/17/93, San Francisco, CA, Resides: Moraga, CA, School: Duke (NC) University, Obtained: Pirates 36th round selection in 2015 First-Year Player Draft, Scout: Sean Heffernan, Notes: Missed the 2015 campaign with Duke University recovering from elbow surgery... Went 2-2 with a 1.78 ERA in 25.1 innings of work (Ser) in 2014...Was one of 10 finalized for the ESPN High School Mr. Baseball Player-of-the-Year while attending Campolindo (CA) High School His mother Julie played in two ILS. Women's Opens in polf as an amateur and won the 1979 North and South Amateur in Pinahurst. North Carolina

YEAR	R CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	SV	IP	Н	R	ER	BB	SO
2015						INJU	RED - DID	NOT PLAY							
2016	West Virginia	New York-Penn	5-6	4.43	13	13	0	0	0	65.0	57	36	32	20	41
2017	West Virginia	South Atlantic	6-8	3.99	20	20	0	0	0	94.2	92	52	42	29	75
	Rradonton	Florida Stato	1_0	150	1	1	n	n	n	24.0	10	7	1	5	16

MATEO, Bryan Emilio (Bryan), Pos: 0F, Height: 6-2, Weight: 180, Bats: L, Throws: L, Born: 10/20/98, Santo Domingo, D.R., Resides: Santo Domingo, D.R., Obtained: Signed as a non-drafted free agent. 7/3/17, Scout: Juan Mercado.

YEAR CLUB	LEAGUE	AVG	G	AB	R	н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
					S	IGNED FO	R 2018								

MATEO, Oliver Jhoan (Oliver), Pos: RHP, Height: 6-2, Weight: 170, Bats: R, Throws: R, Born: 11/7/97, Barahona, D.R., Resides: Barahona, D.R., Obtained: Signed as a non-drafted free agent, 1/20/18, Scout: Junior Vizcaino.

YEAR CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	SV	IP	Н	R	ER	BB	SO
					SIG	NED FOR 2	2018							

MATHISEN, Wyatt Lane (Wyatt), Pos: INF, Height: 6-0, Weight: 211, Bats: R, Throws: R, Born: 12/30/93, Corpus Christi, TX, Resides: Corpus Christi, TX, School: Calallen (TX) High School, Obtained: Pirates' 2nd round selection in 2012 First-Year Player Draft, Scout: Trevor Haley, Notes: Hit. 433 with 13 home runs and 40 RBI as a senior...Was aske rate do be absoluted in the 2012 draft....Was native to the All-State Tournament team, a District 31-4A MVP, a Max Prey All-American, Perfect Garme USA All-American, the South Texas Player-of-the-Year and was a member of the Texas Rangers Area Code Team as a junior...2012. Was named to the Gulf Coast League post-season All-Star team as the designated hitter...Ranked 10th in the Gulf Coast League in hitting...Ranked fifth among Pirates minor leaguers in batting average... Was rated as the fifth-best prospect in the Gulf Coast League following the season by Baseball America...2014: Converted from catcher to third base before the season began...2015. Was rated as having the "Best Infield Arm" in the Pirates minor league system by Baseball America entering the season...2015: Led all Florida State League third basemen in fielding percentage (946)...2017. Was named to the Eastern League mid-season All-Star team.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2012	GCL Pirates	Gulf Coast	.295	45	139	24	41	8	0	1	15	16	19	10	.388	.374
2013	West Virginia	South Atlantic	.185	32	119	13	22	3	0	0	9	9	22	1	.256	.210
	GCL Pirates	Gulf Coast	.409	8	22	5	9	1	0	0	3	7	2	0	.552	.455
	Jamestown	New York-Penn	.292	7	24	3	7	0	0	0	3	4	7	1	.379	.292
2014	West Virginia	South Atlantic	.280	103	375	48	105	17	2	3	42	33	54	6	.344	.360
2015	Bradenton	Florida State	.263	118	403	46	106	14	3	4	34	43	72	0	.342	.342
2016	Bradenton	Florida State	.296	36	115	13	34	10	0	1	18	11	21	0	.354	.409
2017	Altoona	Eastern	.272	114	375	43	102	16	2	5	31	44	75	3	.357	.365

MAZZOCCOLI, Pasquale Dillon (Pasquale), Pos: RHP, Height: 6-4, Weight: 193, Bats: S, Throws: R, Born: 3/28/92, Chester, PA, Resides: Fulshear, TX, School: Texas State University, Obtained: Firates' 55th round selection in 2016 First-Year Player Draft, Scout: Wayne Mathis, Notes: Finished 2016 0-4 with a 4.43 ERA (40.2ip/20er) in 28 appearances with Texas State. His 13 saves set the single season record at Texas State University in 2016... Was one of five players selected in the 2016 draft from Texas State University, tied for the most ever in school history.

YEAF	R CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	SV	IP	Н	R	ER	BB	SO
2016	Bristol	Appalachian	0-0	4.39	16	0	0	0	0	26.2	36	17	13	6	21
2017	West Virginia	New York-Penn	0-0	0.00	5	0	0	0	0	9.0	2	0	0	1	13
	West Virginia	South Atlantic	7-1	175	1//	Λ	Λ	Λ	1	25.2	12	6	5	7	22

MEDINA, Joseivin (Joseivin), Pos: 0F, Height: 6-4, Weight: 190, Bats: L, Throws: L, Born: 2/2/00, Azua, D.R., Resides: Azua, D.R., Obtained: Signed as a non-drafted free agent, 7/5/17, Scout: Juan Mercado.

YEAR CLUB	LEAGUE	AVG	G	AB	R	н	2B	3B	HR	RBI	BB	so	SB	OBP	SLG
					SI	GNED FO	R 2018								

MEDRANO, Jesse Daniel (Jesse), Pos: INF, Height: 5-9, Weight: 192, Bats: R, Throws: R, Born: 3/27/95, Antioch, CA, Resides: Concord, CA, School: Fresno State (CA) University, Obtained: Pirates' 31st round selection in 2017 First-Year Player Draft, Scout: Mike Sansoe, Notes: Hit. 346 (84-for-243) with 19 doubles, seven home runs and 45 RBI in 60 games in 2017 with Fresno State... Was a first-team All-Mountain West selection as a senior in 2017... Recorded 27 multi-hit games and 12 multi-RBI games in the 2017 season.

	CLUB	LEAGUE			AB										OBP	SLG
2017	GCL Pirates	Gulf Coast	.259	20	58	8	15	2	2	0	8	5	10	0	.313	.362

MENA, Juan Carlos Junior (Juan), Pos: C, Height: 5-11, Weight: 176, Bats: R, Throws: R, Born: 8/3/00, Anzoategui, Venezuela, Resides: Anzoategui, Venezuela, Obtained: Signed as a non-drafted free egent, 7/3/17, Scout: Rodolfo Petit.

YEAR CLUB LEAGUE AVG G AB R H 2B 3B HR BBI BB SO SB OBB SIGNED

ILAN OLOD	AVG	•				OD	110		OD	ODI	O_Q
			SI	GNED FO	R 2018						

MEPRIS, Francisco Alberto (Francisco), Pos: INF, Height: 5-10, Weight: 175, Bats: S, Throws: R, Born: 10/10/97, Santo Domingo Este, D.R., Resides: Santo Domingo, D.R., Obtained: Signed as a non-drafted free agent. 7/14/15, Scout: Rene Gavo. Juan Mercado & Victor Santana.

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YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2016	Dom. Pirates	Dominican Sum.	.266	49	154	27	41	6	3	0	8	20	31	11	.358	.344
2017	GCL Pirates	Gulf Coast	.212	28	85	7	18	3	1	1	7	8	18	5	.280	.306

South Atlantic

PIRATES

2018

West Virginia

ENERAL

MERCEDES, Matthew Miguel (Matthew), Pos: INF, Height: 6-1, Weight: 215, Bats: R, Throws: R, Born: 8/26/98, Santiago de los Caballeros, D.R., Resides: Santo Domingo, D.R. Ohtained: Signed as a non-draffed free agent 7/2/16. Scout: Rene Gayo. Juan Mercado & Victor Santana

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YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2017	Dom. Pirates	Dominican Sum.	237	39	118	12	28	7	0	0	11	10	18	0	.323	.297

MEYER, Stephan David (Stephan), Pos: RHP, Height: 6-4, Weight: 212, Bats: R, Throws: R, Born: 5/11/94, Tucson, AZ, Resides: Tucson, AZ, School: Bellevue (NE) University, Obtained: Pirates' 18th round selection in 2015 First-Year Player Draft, Scout: Matt Birneal, Notes: Went 11-2 with a 1.47 ERA and 101 strikeouts in 13 appearances as a sophomore at Bellevue University in 2015... Was named an honorable mention NAIA All-American, Midlands Collegiate Athletic Conference Pitcher-of-the-Year and first-team All-MCAC in 2015... 2016: Ranked first in the New York-Penn League in starts and earned runs allowed. Gouth in innings pitched and tied for second in home runs allowed.

2015	ZUIU. Naineu ilis	IL III LIIC INCW TOLK FE	illi League III.	starts aria c	unicu runs d	illoweu, lo	ururmi	illigs bitc	neu anu i	ieu iui secc	illu III IIVII	ic ruits and	wcu.		
	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2015	West Virginia	New York-Penn	0-0	0.84	4	1	0	0	1	10.2	8	1	1	2	10
	GCL Pirates	Gulf Coast	2-0	0.71	7	0	0	0	0	12.2	7	1	1	3	12
2016	West Virginia	New York-Penn	2-6	4.50	16	16	0	0	0	82.0	84	46	41	22	50
2017	West Virginia	New York-Penn	1-1	3.72	8	7	0	0	0	38.2	42	19	16	9	33

0 0

38.0

31

14

12

16 26

2.84

MITCHELL, Calvin David (Cal), Pos: OF, Height: 6-0, Weight: 209, Bats: I, Throws: I, Born: 3/8/99, San Diego, CA, Resides: San Diego, CA, School: Rancho Bernardo (CA) High School, Obtained: Pirates' 2nd round selection in 2017 First-Year Player Draft, Scout: Brian Tracy, Motes: Was a 2017 Rawilings-Perfect Game First-Team All-American and California All-Region First-Team selection...Hit .369 (38-for-103) with six doubles. It home runs and 34 RBI in 34 games as a senior at Rancho Bernardo...Also hit 12 home runs during his junior season...Was ranked by MIBPipeline.com as the 79th-best prospect available in the draft...Attended the same high school as current Pirates pitcher Trevor Williams.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2017	GCL Pirates	Gulf Coast	.245	43	159	17	39	11	0	2	20	24	35	2	.351	.352

MONTERO, Yunior (Yunior), Pos: RHP, Height: 6-5, Weight: 221, Bats: R, Throws: R, Born: 2/9/93, Loma De Cabrera, D.R., Resides: Los Alcarrizo, D.R., Obtained: Signed as a non-drafted free agent, 7/3/13, Scout: Rene Gayo & Juan Mercado, Notes: 2015: Ranked fourth among Gulf Coast League relievers in strikeouts per 9.0 innings (10.61)... 2017: Was named to the Florida State League mid-season All-Star team.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2011	Dom. Pirates	Dominican Sum.	1-0	0.00	1	1	0	0	0	5.0	2	0	0	1	4
2012						DID	NOT PLAY								
2013						DID	NOT PLAY								
2014	GCL Pirates	Gulf Coast	1-4	4.68	19	0	0	0	1	25.0	24	17	13	12	18
2015	GCL Pirates	Gulf Coast	3-4	4.66	13	3	0	0	0	36.2	32	22	19	19	42
2016	West Virginia	New York-Penn	2-1	2.25	4	0	0	0	1	8.0	5	2	2	6	8
	West Virginia	South Atlantic	1-1	3.96	13	3	0	0	1	36.1	23	20	16	15	44
2017	Bradenton	Florida State	6-4	5.13	33	0	0	0	0	54.1	46	35	31	38	69

Harrice	difficulties to the South Friends and Season Film State Counting in 15 Statisfic games from 67 0 25, the State friends State League.															
YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2015	West Virginia	New York-Penn	.277	64	242	34	67	9	2	1	33	25	40	6	.361	.343
2016	West Virginia	South Atlantic	.195	22	77	8	15	5	0	0	6	6	11	0	.256	.260
	West Virginia	New York-Penn	.288	58	205	32	59	5	1	1	17	13	18	9	.368	.337
2017	West Virginia	South Atlantic	.266	61	229	27	61	15	0	2	32	26	48	4	.350	.358
	Bradenton	Florida State	289	52	190	20	55	10	0	5	26	17	26	6	357	//21

MUHL, Edward Ellsworth (Eddie), Pos: RHP, Height: 6-3, Weight: 237, Bats: R, Throws: R, Born: 6/20/95, Sherman Oaks, CA, Resides: Sherman Oaks, CA, School: George Washington (DC) University, Obtained: Pirates' 25th round selection in 2017 First-Year Player Draft, Scout: Dan Radcliff, Notes: Went 2-3 with 11 saves and a 3.04 ERA (47.lip/fier) in 24 relief appearances in 2017 with George Washington University under head coach and former Pirates hitting coach Gregg Ritchie...Earned Atlantic 10 All-Conference Second-Team honors in 2017 for the second time in his career...Became the third consecutive Colonials player to be selected by the Pirates along with Kevin Mahala in the 18th round of the 2016 draft and Shane Kempi in the 26th round of the 2015 draft...Ended his collegiate career as the all-time saves leader (40) and all-time single-season saves leader (17) at George Washington... Was named the Cape Cod League Cotuit Kettleers Pitcher-of-the-Year in 2016...Was awarded the Jackie Robinson Award in 2017 by George Washington University...Was named to the American Baseball Coaches Association All-East Region Second-Team in consecutive years (2015, 2016).

YEAR CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	BB	SO
2017 Bristol	Appalachian	0-2	2.13	18	0	0	0	1	25.1	29	13	6	6	12

MURRAY, Shea Addison (Shea), Pos: RHP, Height: 6-6, Weight: 224, Bats: R, Throws: R, Born: 11/5/93, Defiance, OH, Resides: Defiance, OH, School: Ohio State University, Obtained: Pirates' 18th round selection in 2017 First-Year Player Draft, Scout: Adam Bourassa, Notes: Was the first player selected from Ohio State University in the 2017 draft...

Made three career appearances as a pitcher during his career at Ohio State...Also hit. 252 (32-for-127) with 10 doubles, three triples, three home runs and 17 RBI in 50 games as an outfielder in 2017...Was previously selected by Texas in the 39th round of the 2015 Draft...Was a three-time OSU Scholar-Athlete and a two-time Academic All-Big Ten in 2015 and 2016.

TEAR CLUB LEAGUE W-L ERA G S CG SHO SV IP H R ER BB SO 2017

NAGLE, Ryan Kelly (Ryan), Pos: 0F, Height: 6-1, Weight: 207, Bats: L, Throws: R, Born: 8/7/94, Streator, IL, Resides: Streator, IL, School: University of Illinois-Champaign, Obtained: Pirates' 27th round selection in 2015 First-Year Player Draft, Scout: Anthony Wycklendt, Notes: Hit 339 with three home runs, 34 RBI and 45 runs scored as a junior in 2015 with the University of Illinois-Champaign... Was also a third-team All-Big Ten selection as an outfielder in 2015 and a Big Ten All-Tournament team selection.

YEAF	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2015	West Virginia	New York-Penn	.258	32	120	8	31	6	2	0	17	9	26	0	.305	.342
2016	West Virginia	South Atlantic	.247	111	396	35	98	20	1	2	42	36	69	8	.310	.318
2017	West Virginia	New York-Penn	.231	4	13	2	3	1	0	0	1	2	0	0	.313	.308
	West Virginia	South Atlantic	272	51	160	23	46	7	Λ	7	17	10	7./	Λ	715	367

NAVARRO, Cristian Rene (Cristian), Pos: 0F, Height: 6-0, Weight: 183, Bats: R, Throws: R, Born: 12/18/95, Ciudad Obregon, Sonora, Mexico, Resides: Ciudad Obregon, Sonora, Resides: Ciudad Obregon, Sonora, Resides: Ciudad Obregon, Sonora, Resid

Mexico, Obtained: Sig	jneu as a non-uraneu m	ee agent, 7/5/17	, SCOUL: J	esus ciiii	o valuez										
YEAR CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
					SI	GNED FO	R 2018								

NGOEPE, Tlou Victor (Victor), Pos: INF, Height: 5-9, Weight: 150, Bats: R, Throws: R, Born: 2/9/98, Johannesburg, South Africa, Resides: Johannesburg, South Africa, Obtained: Signed as a non-drafted free agent. 1/13/16. Scout: Tom Gillespie. Notes: Is the vounger brother of former Pirate Gift Nogene.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2016	GCL Pirates	Gulf Coast	.219	44	151	18	33	4	2	0	10	14	39	9	.302	.272
2017	GCL Pirates	Gulf Coast	.235	51	179	22	42	4	1	1	16	16	52	5	.305	.285
	Bristol	Appalachian	.000	1	3	1	0	0	0	0	0	1	2	0	.250	.000

217

NOVA, Fleury Rafael (Fleury), Pos: 0F, Height: 5-11, Weight: 160, Bats: R, Throws: R, Born: 1/17/01, Azua, D.R., Resides: Azua, D.R., Obtained: Signed as a non-drafted free agent, 12/26/17, Scout: Junior Vizcaino.

YEAR CLUB LEAGUE AVG G AB R H 2B 3B HR RBI BB SO SB OBP SLG SIGNED FOR 2018

NOVA, Luis Antonio (Luis), Pos: RHP, Height: 6-1, Weight: 180, Bats: R, Throws: R, Born: 6/10/98, Azua, D.R., Resides: Azua, D.R., Obtained: Signed as a non-drafted free agent, 12/22/17, Scout: Junior Vizcaino.

YEAR CLUB LEAGUE W-L ERA G GS CG SHO SV IP H R ER BB SO

NUNEZ, Oddy Joel (Oddy), Pos: LHP, Height: 6-8, Weight: 232, Bats: L, Throws: L, Born: 12/20/96, Santiago de los Caballeros, D.R., Resides: Santiago de los Caballeros, D.R., Obtained: Signed as a non-drafted free agent. 5/11/15. Scout: Rene Gayo, Juan Mercado, Cristino Valdez & Esteban Alvarez.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2015	Dom. Pirates	Dominican Sum.	1-0	2.08	11	0	0	0	0	21.2	20	12	5	5	20
2016	GCL Pirates	Gulf Coast	3-3	2.34	11	0	0	0	1	34.2	26	11	9	12	27
2017	West Virginia	South Atlantic	5-8	3 71	25	74	0	0	0	114 0	102	55	47	32	94

OGLE, Braeden Christopher (Braeden), Pos: LHP, Height: 6-2, Weight: 199, Bats: I., Throws: I., Born: 7/30/97, Palm City, FL, Resides: Hobe Sound, FL, School: Jensen Beach (FL) High School, Obtained: Priates' 4th round selection in 2016 First-Year Player Draft, Scout: Mick Presto, Notes: Went 5-1 with a 1.40 ERA and 59 strikeouts in 35.0 innings of work as a senior at Jensen Beach High School. Became the second player in program history to be selected in the draft, joining Taylor Blatch in 2013, who was drafted by Minnesota...His dad, Chris, was a defensive tackle and offensive lineman at Clemson in the late 1980's and early 1990's...Was a 2016 namings-Perfect Game third-team All-American.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2016	GCL Pirates	Gulf Coast	0-2	2.60	8	8	0	0	0	27.2	18	11	8	11	20
2017	Bristol	Appalachian	2-3	3.14	10	10	0	0	0	43.0	40	17	15	16	35

OLIVA, Jared Cole (Jared), Pos: OF, Height: 6-2, Weight: 187, Bats: R, Throws: R, Born: 11/27/95, Santa Clarita, CA, Resides: Saugus, CA, School: University of Arizona, Obtained: Pirates' 7th round selection in 2017 First-Year Player Draft, Scout: Derrick Van Dusen, Notes: Hit. 321 (78-for-243) with 25 doubles, four home runs and 54 RBI in 59 games as a red-shirt junior in 2017 at the University of Arizona...His father, David, played professionally in the Red Sox organization from 1982-86...His uncle, Steve, played in the Atlanta Braves organization from 1974-78...Started all 59 games in 2017 for the Wildcats and was named to the American Baseball Coaches Association All-West Region First-Team...2017: Recorded a league-leading 1.000 fielding percentage among New York-Penn League outfielders...Ranked first in the New York-Penn League in sacrifice hits (nine).

 YEAR CLUB
 LEAGUE
 AVG
 G
 AB
 R
 H
 2B
 3B
 HR
 RBI
 BB
 SO
 SB
 OBP
 SLG

 2017
 West Virginia
 New York-Penn
 .266
 56
 222
 30
 59
 10
 7
 0
 17
 17
 57
 15
 .327
 .374

OLLER, Adam Samuel (Adam), Pos: RHP, Height: 6-3, Weight: 215, Bats: R, Throws: R, Bom: 10/17/94, Conroe, TX, Resides: Conroe, TX, School: Northwestern State (LA) University, Obtained: Pirates' 20th round selection in 2016 First-Year Player Draft, Scout: Phil Huttmann, Notes: Went 8-1 in 15 starts with a 1.23 ERA (109.0ip/15er) during his junior season at Northwestern State University... Earned All-Southland Conference honors in 2016 and was a pre-season first-team All-Southland Conference selection... Spent the summer of 2015 with the Falmouth Commodores of the Cape Cod Baseball League...2017: Was named to the New York-Penn League mid-season All-Star team...Was named the New York-Penn League price or the week of 8/28 to 9/4...Ranked fourth among New York-Penn League relievers in batting average against (.189); also ranked second among New York-Penn League relievers in fewest baserunners per 9.0 innings pitched (8.58).

YEAR CLUB LEAGUE W-L ERA Bristol Appalachian 2017 West Virginia 5-3 1.59 17 2 0 0 45.1 30 10 8 9 50 New York-Penn

ORTEGA, Jordy Argelis (Jordy), Pos: RHP, Height: 6-2, Weight: 180, Bats: R, Throws: R, Born: 10/17/99, Santo Domingo, D.R., Resides: Bonao, D.R., Obtained: Signed as a non-drafted free agent, 12/18/17, Scout: Junior Vizcaino.

YEAR CLUB LEAGUE W-L ERA G GS CG SHO SV IP H R ER BB SO SIGNED FOR 2018

OWEN, Stephen Hunter (Hunter), Pos: 0F, Height: 5-11, Weight: 195, Bats: R, Throws: R, Born: 9/22/93, Evansville, IN, Resides: Evansville, IN, School: Indiana State University, Obtained: Pirates' 25th round selection in 2016 First-Year Player Draft, Scout: Anthony Wycklendt, Notes: Hit. 350 (79-for-226) in 56 games during his redshirt senior season in 2016, his first year as a regular player for the Sycamores...Led the team with a 344 average (33-for-96) while playing in 31 games in 2015 as a red-shirt junior...Was a two-sport athlete at Mater Dei High School (IN), lettering in baseful and football...2016: Was named to the New York-Penn League mid-season All-Star team...Was named the New York-Penn League player-of-the-week for the week of 7/18-24.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	so	SB	OBP	SLG
2016	West Virginia	New York-Penn	.257	52	187	31	48	10	2	5	34	11	49	4	.313	.412
2017	West Virginia	South Atlantic	.292	83	291	49	85	21	4	11	45	24	68	3	.388	.505
	GCL Pirates	Gulf Coast	.300	3	10	4	3	2	0	1	3	1	0	0	.364	.800
	West Virginia	New York-Penn	.083	3	12	1	1	0	0	1	1	2	6	0	.214	.333

PABST, Arden Louis Joseph (Arden), Pos: C, Height: 6-1, Weight: 205, Bats: R, Throws: R, Born: 3/14/95, Los Angeles, CA, Resides: Sherman Oaks, CA, School: Georgia Tech, Obtained: Pirates' 12th round selection in 2016 First-Year Player Draft, Scout: Tim Osborne, Notes: Hit. 248 with five doubles, four home runs and 19 RBI in 41 games as a junior in 2016 at Georgia Tech.... Led the ACC in caught stealings (25) and caught-stealing percentage (.445), which was among the nation's top 10 in both categories during his sophomore season in 2015

YEAR		LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2016	West Virginia	New York-Penn	.225	34	120	14	27	2	2	0	7	11	25	0	.299	.275
2017	West Virginia	South Atlantic	.242	67	231	24	56	12	0	4	24	18	50	0	.299	.346

PAULINO, Ronaldo Fabio (Ronaldo), Pos: INF, Height: 6-4, Weight: 200, Bats: R, Throws: R, Born: 9/30/98, Moca, D.R., Resides: Moca, D.R., Obtained: Signed as a non-drafted free agent, 7/2/16, Scout: Rene Gayo, Juan Mercado & Cristino Valdez.

 YEAR CLUB
 LEAGUE
 AVG
 G
 AB
 R
 H
 2B
 3B
 HR
 RBI
 BB
 SO
 SB
 OBP
 SLG

 2017
 Dom. Pirates
 Dominican Sum.
 .222
 56
 185
 30
 41
 12
 0
 3
 24
 26
 80
 2
 .324
 .335

PENA, Raymundo Antonio (Raymundo), Pos: LHP, Height: 5-11, Weight: 165, Bats: L, Throws: L, Born: 4/1/96, Villa Gonzalez, D.R., Resides: Santiago de los Caballe, D.R., Obtained: Signed as a non-drafted free agent, 7/2/15, Scout: Rene Gayo, Juan Mercado, Cristino Valdez & Esteban Alvarez.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	H	R	ER	ВВ	so
2016	Dom. Pirates	Dominican Sum.	0-0	4.50	1	0	0	0	0	2.0	1	1	1	0	2
2017						Inju	red - Did	Not Play							

PERALTA, Luis Davis (Luis), Pos: IHP, Height: 5-11, Weight: 170, Bats: L, Throws: L, Born: 1/6/01, Espaillat, D.R., Resides: Espaillat, D.R., Obtained: Signed as a non-drafted free agent, 7/3/17, Scout: Juan Mercado.

YEAR CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
					SIGI	NED FOR 2	2018							

PERALTA, Miguel Enrique (Miguel), Pos: RHP, Height: 6-3, Weight: 190, Bats: R, Throws: R, Born: 4/20/99, San Cristobal, D.R., Resides: San Cristobal, D.R., Obtained: Signed as a non-drafted free agent, 1/20/18, Scout: Junior Vizcaino.

Dom Pirates

Dom. Pirates

GCL Pirates

GCL Pirates

Bristol

YEAR CLUB

YEAR CLUB

YEAR CLUB

GCL Pirates

2016

2017 Bristol

Dom. Pirates

Dom. Pirates

GCL Pirates

free agent, 7/3/17, Scout: Juan Mercado.

non-drafted free agent, 7/2/14, **Scout:** Rene Gayo, Juan Mercado & Victor Santana . LEAGUE Dominican Sum

Dominican Sum

Dominican Sum.

Gulf Coast

Appalachian

Appalachian

LEAGUE

Appalachian

Gulf Coast

Dominican Sum.

Dominican Sum.

LEAGUE

LEAGUE

Gulf Coast

Obtained: Signed as a non-drafted free agent, 7/2/14. **Scout**: Rene Gayo & Juan Mercado.

agent, 7/7/16, Notes: 2017: Ranked second in the Appalachian League in ERA and WHIP (1.10)

W-L

Gulf Coast

free agent, 7/3/13, Scout: Rene Gayo & Juan Mercado.

190

.272

.250

.213

.216

in 2017 at Georgia Tech...Ranks second all-time among outfielders in Georgia Tech history with 19 career assists

1-3

1-2

AVG

3.88

9.58

4.24

ERA

PIRATES

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2016

2017

2015

2016

2017 Bristol

YEAR CLUB Dom. Pirates

ENERAL

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REVIEW 0.00 Bristol Appalachian 0-1 4.66 6 0 0 9.2 11 5 Ō West Virginia New York-Penn 2-0 1.93 0 0 0 9.1 11 2 3 2017 0 0 West Virginia New York-Penn 0-0 0.00 0 0 10 0 0 7 Appalachian 1-2 2.95 0 0 58.0 58 22 19 51 16 PINA. Leandro (Leandro), Post: RHP. Height: 6-3. Weight: 207. Bats: R. Throws: R. Born: 9/23/98. Santo Domingo, D.R., Resides: Santo Domingo, D.R., Obtained: Signed as a non-drafted free agent, 7/2/15, Scout: Rene Gayo, Juan Mercado & Jefferson Mercado, Notes: 2016: Was named to the Dominican Summer League mid-season All-Star team...Started

PEREZ, Cristopher (Cristopher), Pos: INF, Height: 5-11, Weight: 200, Bats: R, Throws: R, Born: 8/7/97, Santo Domingo, D.R., Resides: Santo Domingo, D.R., Obtained: Signed as a

PEREZ, Luis Manuel (Luis), Pos: INF, Height: 5-9, Weight: 173, Bats: L, Throws: R, Born: 1/18/94, Santiago, D.R., Resides: Santo Domingo, D.R., Obtained: Signed as a non-drafted

PEURIFOY, Christopher Ryan (Ryan), Pos: OF, Height: 6-2, Weight: 202, Bats: R, Throws: R, Born: 3/26/95, Peachtree City, GA, Resides: Peachtree City, GA, School: Georgia Tech, Obtained: Pirates' 38th round selection in 2017 First-Year Player Draft, Scout: Tim Osborne, Notes: Hit. 295 (59-for-200) with 11 doubles, seven home runs and 33 RBI in 55 games

PICHARDO, Adonis (Adonis), Pos: RHP, Height: 6-3, Weight: 223, Bats: R, Throws: R, Born: 4/9/96, Santiago de los Caballe, D.R., Resides: Santiago de los Caballe, D.R.

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PIE, Juan Esteban (Juan), Pos: OF, Height: 6-2, Weight: 170, Bats: L, Throws: L, Born: 4/1/01, Santo Domingo, D.R., Resides: Santo Domingo, D.R., Obtained: Signed as a non-drafted

17

INJURED - DID NOT PLAY

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SIGNED FOR 2018 PIECHOTA, Evan (Evan), Pos: RHP, Height: 6-0, Weight: 234, Bats: R, Throws: R, Born: 10/19/93, Livonia, MI, Resides: Livonia, MI, Obtained: Signed as a minor league free

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12 20

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51.0 57

10.1

23.1 27

13

R

26 44

4

.362

.300 .286

.250 .225

16

25 7 .343 .276

30

15

3B HR RBI BB SO SB OBP SLG

22

11

11

14 32

8 9

8

.358

156

162

116 12 25

13

G AB R

51

43 140 9 35

26 80

38

for the National League All-Stars in the DSL All-Star Game..Ranked eighth in the Dominican Summer League in ERA

Dom. Pirates Dominican Sum. 1.46 61.2 **GCL Pirates** 4.50 0 0 36 17 14 23 2017 Gulf Coast 28.0

POLANCO, Jhan Carlos (Jhan), Pos: C, Height: 5-11, Weight: 170, Bats: S, Throws: R, Born: 11/4/00, San Francisco de Macoris, D.R., Resides: San Francisco de Macoris, D.R. Obtained: Signed as a non-drafted free agent, 12/22/17, Scout: Junior Vizcaino.

YEAR CLUB LEAGUE AVG 2R SO SB OBP SLG SIGNED FOR 2018

POMEROY, John William (John), Pos: RHP, Height: 6-4, Weight: 225, Bats: L, Throws: R, Born: 10/9/94, Mossyrock, WA, Resides: Mossyrock, WA, School: Oregon State University, Obtained: Pirates' 13th round selection in 2016 First-Year Player Draft, Scout: Max Kwan, Notes: Went 0-0 with a 4.26 ERA in seven relief appearances as a junior at Oregon State University...Made all 23 of appearances in his three-year career out of the bullpen...Became the sixth player from Oregon State University all-time to be drafted by the Pirates. YEAR CLUB W-L ERA GS CG SHO S٧

Bristol Appalachian INJURED - DID NOT PLAY

POPE, Brett Dennis (Brett), Pos: INF, Height: 6-0, Weight: 176, Bats: L, Throws: R, Born: 5/28/96, Statesville, NC, Resides: Statesville, NC, School: Western Carolina (NC) University, Obtained: Pirates' 22nd round selection in 2017 First-Year Player Draft, Scout: Jerry Jordan, Notes: Ranked second on Western Carolina's team with a .342 average (83-for-243) in 2017 while also earning Second-Team All-Southern Conference accolades...Also collected 12 doubles, four home runs and 28 RBI in 56 games for Western Carolina in 2017...Became the sixth Catamount baseball player to be drafted by the Pirates all-time.

LEAGUE West Virginia New York-Penn

PORTORREAL, Jeremias Jose (Jeremias), Pos: 0F, Height: 6-2, Weight: 224, Bats: L, Throws: L, Born: 8/7/97, Santo Domingo, D.R., Resides: Santo Domingo. D.R., Obtained: Signed as a non-drafted free agent, 8/7/13, Scout: Rene Gayo & Juan Mercado.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	so	SB	OBP	SLG
2014	Dom. Pirates	Dominican Sum.	.167	58	204	22	34	5	2	2	13	35	73	1	.289	.240
2015	Dom. Pirates	Dominican Sum.	.230	58	213	41	49	8	7	1	28	45	67	1	.374	.347
2016	Dom. Pirates	Dominican Sum.	.272	44	151	24	41	9	4	0	21	28	28	3	.397	.384
	GCL Pirates	Gulf Coast	.172	8	29	3	5	1	2	0	4	3	7	0	.250	.345
2017	GCL Pirates	Gulf Coast	.263	52	190	23	50	6	5	5	31	21	59	0	.343	.426

PROHOROFF, Dylan Lee (Dylan), Pos: RHP, Height: 6-2, Weight: 220, Bats: R, Throws: R, Born: 11/29/94, Placentia, CA, Resides: Placentia, CA, School: Cal State University-Fullerton, **Obtained:** Pirates' 8th round selection in 2016 First-Year Player Draft, **Scout**: Brian Tracy. **Notes**: Went 1-1 with three saves and a 0.68 ERA (26.1ip/2er) and 30 strikeouts in 20 relief appearances as a junior at Cal State-Fullerton...Went 10-3 with a 2.16 ERA and 90 strikeouts while earning first-team All League, first-team All-State, second-team All-American and Male Athlete-of-the-Year honors while playing at Fullerton College in 2015...Threw a no-hitter during his senior year in high school while also taking home first-team all Empire League accolades.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	BB	SO
2016	West Virginia	New York-Penn	0-1	3.45	21	0	0	0	2	28.2	23	17	11	13	28
2017	West Virginia	South Atlantic	2-2	4.76	40	0	0	0	4	58.2	57	35	31	25	65

QUINONES, Hector Joaquin (Hector), Pos: RHP, Height: 6-3, Weight: 219, Bats: R, Throws: R, Born: 6/7/94, Barceloneta, Puerto Rico, Resides: Barceloneta, Puerto Rico, School: Midway (KY) University, Obtained: Pirates' 32nd round selection in 2017 First-Year Player Draft, Scout: Adam Bourassa, Notes: Went 5-5 with a 3.34 ERA and 48 strikeouts in 14 appearances (12 starts) in 2017 with Midway University...Tossed the first no-hitter in Midway University history in 2017...Hit. 290 (56-for-193) with 12 doubles, 11 home runs and 38 RBI in 58 games as a senior in 2017 at Midway University...Led the team in home runs and slugging in 2017...Was tone of only two Midway players to start and play in all of the team's 58 games...Was named a first-team River States Conference selection in 2017...Was the first Midway player to be drafted in the program's first season of athletics.

YEAR		LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	BB	SO
2017	GCL Pirates	Gulf Coast	0-3	3.65	4	1	0	0	0	12.1	11	6	5	0	2
	Bristol	Appalachian	0-1	7.11	3	0	0	0	0	6.1	6	5	5	0	5
	West Virginia	New York-Penn	0-1	4.86	8	0	0	0	0	16.2	20	9	9	6	12

RAMOS, Robinson Ramon (Robinson), Pos: C, Height: 5-11, Weight: 185, Bats: R, Throws: R, Born: 5/24/98, Monte Cristi, D.R., Resides: Monte Cristi, D.R., Obtained: Signed as a non-drafted free agent, 7/3/17, Scout: Juan Mercado.

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YEAR CLUB	LEAGUE	AVG	G	AB	R	н	2B	3B	HR	RBI	BB	so	SB	OBP	SLG
					SI	GNED FO	R 2018								

RATLEDGE, Logan Andrew (Logan), Pos: INF, Height: 5-10, Weight: 190, Bats: R, Throws: R, Born: 7/20/92, Charlotte, NC, Resides: Charlotte, NC, School: North Carolina State University, Obtained: Pirates' 13th round selection in 2015 First-Year Player Draft, Scout: Sean Heffernan, Notes: Started all 59 games as a senior in 2015 at North Carolina State University while batting 329 (76-for-23) with 19 doubles, two triples, a team-high 10 home runs, 41 RBI and 53 runs scored ...Was named an All-ACC third team selection in 2015 and to the ABCA All-South Region first-team at shortstop...2016: Ranked fifth among all Pirates minor leaguers in stolen bases.

	CLUB	LEAGUE	AVG	G	AB	R	н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2015	Bristol	Appalachian	.203	18	64	8	13	2	1	1	11	5	8	0	.288	.313
	West Virginia	New York-Penn	.138	11	29	6	4	0	1	0	4	4	5	0	.265	.207
2016	West Virginia	South Atlantic	.239	85	301	40	72	14	0	4	23	18	48	24	.304	.326
	Bradenton	Florida State	.571	2	7	2	4	2	0	0	3	0	1	0	.571	.857
2017	West Virginia	South Atlantic	.234	28	107	19	25	5	0	3	12	15	19	4	.328	.364
	Bradenton	Florida State	.257	62	226	30	58	14	1	3	19	14	40	11	.309	.367
	Altoona	Eastern	.108	15	37	2	4	1	0	0	0	3	10	0	.175	.135

REED, William Henry (Will), Pos: RHP, Height: 6-2, Weight: 190, Bats: R, Throws: R, Born: 11/3/95, Leesburg, VA, Resides: Purcellville, VA, School: Harford (MD) Community College, Obtained: Pirates' 20th round selection in 2017 First-Year Player Draft, Scout: Dan Radcliff, Notes: Went 8-1 with a 2.38 ERA (56.2ip/ISer), two complete games and 78 strikeouts in 14 appearances (Il starts) in 2017 with Harford Community College, Received first-team All-Region honors in 2017 for Region 20 Division 1...Recorded a .175 batting average against in 2017...Was also ranked by Baseball America 235th overall in the nation and the fourth-best prospect in the start of Maryland.

YEAR CLUB LEAGUE W.L. ERA G. G. S.H.O. S.V. IP H. R. ER. BB SO

REYES, Alfredo Antonio (Alfredo), Pos: INF, Height: 6-3, Weight: 186, Bats: R, Throws: R, Born: 10/4/93, Sabana Grande de Palenque, D.R., Resides: San Cristobal, D.R., Obtained: Selected from New York's (NL) Binghamton roster in the Triple-A phase of 2015 Rule Five Draft on 12/10/15, Notes: Was originally signed by New York (NL) as a non-drafted free agent on 11/26/10...2016: Finished third among Pirates minor leaguers in stolen bases...2017: Entered the season rated by Baseball America as having the "Best Infield Arm" in Pittsburgh's

minor league system.

Appalachian

	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2011	Dom. Mets 2	Dominican Sum.	.191	52	188	25	36	2	1	1	19	26	44	6	.297	.229
2012	Dom. Mets 2	Dominican Sum.	.232	62	237	30	55	10	1	0	26	17	49	9	.285	.283
2013	Dom. Mets 2	Dominican Sum.	.316	59	212	37	67	15	1	2	22	27	40	16	.392	.425
2014	GCL Mets	Gulf Coast	.236	46	157	22	37	7	0	0	18	8	38	9	.271	.280
	Brooklyn	New York-Penn	.258	10	31	3	8	0	0	0	1	0	13	1	.258	.258
2015	St. Lucie	Florida State	.143	3	7	1	1	0	0	0	0	1	3	0	.250	.143
	Brooklyn	New York-Penn	.228	68	232	21	53	9	2	0	7	10	56	12	.266	.284
2016	West Virginia	South Atlantic	.199	97	312	34	62	7	2	3	25	26	97	28	.262	.263
2017	Bradenton	Florida State	.232	109	362	43	84	13	5	2	23	19	106	24	.272	.312

REYES, Samuel (Samuel), Pos: RHP, Height: 5-9, Weight: 178, Bats: R, Throws: R, Born: 3/13/96, Bajos de Haina, D.R., Resides: Bajos de Haina, D.R., Obtained: Signed as a non-drafted free agent, 7/2/16, Scout: Rene Gayo, Juan Mercado & Victor Santana, Notes: 2017: Finished fourth among Gulf Coast League relievers in fewest walks per 9.0 innings (1.06).

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YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2017	Dom. Pirates	Dominican Sum.	2-1	4.66	5	0	0	0	1	9.2	13	6	5	1	10
	GCL Pirates	Gulf Coast	1-1	2.65	16	0	0	0	3	34.0	30	16	10	4	24

REYES, Yoelvis (Yoelvis), Pos: LHP, Height: 6-2, Weight: 185, Bals: L, Throws: L, Born: 12/10/99, Barahona, D.R., Resides: Barahona, D.R., Obtained: Signed as a non-drafted free agent, 7/3/17, Scout: Juan Mercado.

free agent, 7/3/17, Scout: Juan Mercado.

Year Club League W-L era G GS CG SHO SV IP H R ER BB SC

SIGNED FOR 2018

RIVERO, Daniel Alfonso (Daniel), Pos: 0F, Height: 6-1, Weight: 180, Bats: R, Throws: R, Born: 1/22/01, Barquisimeto, Lara, Venezuela, Resides: Barquisimeto, Lara, Venezuela, Obtained: Signed as a non-drafted free agent, 7/3/17, Scout: Rodolfo Petit.

YEAR CLUB LEAGUE AVG G AB R H 2B 3B HR RBI BB SO SB OBP SLG SIGNED FOR 2018

ROBLES, Domingo Adrian (Domingo), Pos: LHP, Height: 6-1, Weight: 197, Bats: L, Throws: L, Born: 4/29/98, Imbert, D.R., Resides: Santiago de los Imbert, D.R., Obtained: Signed as a non-drafted free agent, 7/2/14, Scout: Rene Gayo, Juan Mercado & Victor Santana, Notes: 2017: Ranked eighth in the Appalachian League in ERA, first in starts and innings pritched, second in fewest walks per 9.0 innings (2.09) and fewest baserunners per 9.0 innings (11.87) among starters among and fourth among starting pitchers in batting average against (2.65).

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2015	Dom. Pirates	Dominican Sum.	4-6	3.95	15	15	0	0	0	68.1	74	43	30	20	44
2016	GCL Pirates	Gulf Coast	1-2	4.25	9	5	0	0	1	36.0	40	19	17	4	18
2017	Bristol	Annalachian	4-8	4 83	14	14	0	0	0	69.0	75	49	37	16	51

RODRIGUEZ, Rayvi Radhames (Rayvi), Pos: 0F, Height: 6-0, Weight: 165, Bats: L, Throws: L, Born: 4/16/98, San Ignacio de Sabaneta, D.R., Resides: San Ignacio de Sabaneta, D.R., Obtained: Signed as a non-drafted free agent, 7/2/16, Scout: Rene Gayo, Juan Mercado & Victor Santana.

2017	Dom. Pirates	Dominican Sum.	.154	39	78	22	12	0	2	0	6	12	17	7	.305	.205
ROI	/ANO, Argenis	Alexander (Argenis), Pos	: RHP, Heigh	it: 6-1, \	Weight: 212,	Bats: R,	Throws: R,	, Born: 6/	16/95,	Santo Domi	ngo, D.R.	Resides:	Santo Do	mingo,	, D.R., Ob	tained:

Signed as a non-drafted free agent, 7/2/14, **Scou**t: Rene Gayo, Juan Mercado & David DeLaCruz, **Notes: 2017**: Ranked third among Appalachian League relievers in fewest walks per 9.0 innings (1.36).

YEAR CLUB LEAGUE W.L. ERA G GS CG SHO SY IP H R ER BB SO

	CLUB	LEAGUE	W-L	ERVA	G	GS	CG	эпо	٥v			K	-R	DD	5 U
2015	Dom. Pirates	Dominican Sum.	3-2	4.99	15	8	0	0	0	57.2	58	40	32	15	42
2016	GCL Pirates	Gulf Coast	0-1	5.14	4	3	0	0	0	14.0	18	9	8	2	14
2017	Bristol	Appalachian	1-6	5.90	19	0	0	0	0	39.2	50	33	26	6	36

PIRATES

GENERAL

ROMERO, Randy Daniel (Randy), Pos: 0F, Height: 6-0, Weight: 170, Bats: R, Throws: R, Born: 8/10/99, Mexicali, Baja California, Mexico, Resides: Mexicali, Baja California, Mexico, Obtained: Signed as a non-drafted free agent, 7/3/17, Scout: Jesus "Chino" Valdez.

YEAR CLUB LEAGUE AVG G AB R H 2B 3B HR RBI BB SO SB OBP SLG

ROSADO, Emilson De Jesus (Emilson), Pos: INF, Height: 6-4, Weight: 185, Bats: R, Throws: R, Born: 2/11/01, Valverde, D.R., Resides: Valverde, D.R., Obtained: Signed as a non-drafted free agent, 7/3/17. Scout: Juan Mercado.

YEAR CLUB LEAGUE AVG G AB R H 2B 3B HR RBI BB SO SB OBP SLG

ROSARIO, Braham (Braham), Pos: LHP, Height: 6-1, Weight: 176, Bats: L, Throws: L, Born: 2/28/00, San Cristobal, D.R., Resides: San Cristobal, D.R., Obtained: Signed as a non-drafted free agent, 12/22/17, Scout: Junior Vizcaino.

YEAR CLUB LEAGUE W-L ERA G GS CG SHO SV IP H R ER BB SO

SIGNED FOR 2018

ROSARIO, Ivan Cornelio (Ivan), Pos: INF, Height: 6-2, Weight: 160, Bats: R, Throws: R, Born: 11/9/98, Santo Domingo Centro, D.R., Resides: Villa Mella, D.R., Obtained: Signed as a non-drafted free agent. 7/2/16, Scout: Rene Gayo, Juan Mercado & Victor Santana.

YEAF	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2017	Dom. Pirates	Dominican Sum.	.113	26	53	8	6	0	0	0	4	12	16	2	.277	.113

ROSARIO, Julio Cesar (Julio), Pos: RHP, Height: 6-2, Weight: 185, Bats: R, Throws: R, Born: 6/5/99, San Francisco de Macoris, D.R., Resides: San Francisco de Macoris, D.R., Physiologic Grand of a page 17/2/15. Scoutt Page Grand Macoris & Victor Santana.

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YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	SV	IP	Н	R	ER	BB	SO
2017	Dom. Pirates	Dominican Sum.	1-2	9.25	15	2	0	0	0	24.1	27	29	25	26	16

ROSARIO, Miguel (Miguel), Pos: RHP, Height: 6-0, Weight: 201, Bats: R, Throws: R, Born: 1/30/93, La Vega, D.R., Resides: La Vega, D.R., Obtained: Signed as a non-drafted free agent. 12/11/11. Scout: Rene Gavo & Juan Mercado.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	BB	SO
2012	Dom. Pirates 2	Dominican Sum.	0-0	0.00	2	0	0	0	0	3.0	0	0	0	1	3
	Dom. Pirates 1	Dominican Sum.	0-0	4.91	1	0	0	0	0	3.2	4	2	2	1	3
2013	GCL Pirates	Gulf Coast	1-1	3.61	15	5	0	0	0	42.1	45	29	17	13	33
2014	West Virginia	South Atlantic	0-1	6.14	6	0	0	0	0	7.1	7	5	5	4	6
	Jamestown	New York-Penn	2-2	3.27	20	1	0	0	1	44.0	33	18	16	19	46
2015	West Virginia	South Atlantic	2-0	1.75	9	2	1	0	0	25.2	21	5	5	9	21
	Bradenton	Florida State	3-3	2.92	29	0	0	0	3	49.1	45	19	16	14	56
2016	Bradenton	Florida State	1-1	2.64	19	0	0	0	0	30.2	26	11	9	11	26
	Altoona	Eastern	2-2	1.87	23	0	0	0	0	33.2	19	7	7	13	29
2017	Altoona	Eastern	3-1	1.80	27	0	0	0	3	45.0	36	12	9	35	43
	Bradenton	Florida State	0-1	4.85	9	0	0	0	0	13.0	10	7	7	11	12

SANCHEZ, Kevin Bryan (Lolo), **Pos:** OF, **Height:** 5-11, **Weight:** 168, **Bats:** R, **Throws:** R, **Born:** 4/23/99, Santo Domingo, D.R., **Resides:** Santo Domingo, D.R., **Obtained:** Signed as a non-drafted free agent, 7/2/15, **Scout:** Rene Gayo, Juan Mercado & Victor Santana, **Notes:** 2017: Led all Gulf Coast League outfielders in fielding percentage (1.000); also tied for the league lead among outfielders in total chances (132)....Finished first in the Gulf Coast League in runs scored, tied for third in total bases (85) and fourth in at bats...Reached base safely in 26 straight games from 7/29 until the end of the season; tied for the second-longest streak in the Gulf Coast League... 2018: Entered the season rated by *Baseball America* as Pittsburn's 10th-best prospect.

YEAR	R CLUB	LEAGUE	AVG	G	AB	R	н	2B	3B	HR	RBI	BB	so	SB	OBP	SLG
2016	Dom. Pirates	Dominican Sum.	.235	45	153	19	36	4	1	0	10	24	18	4	.359	.275
2017	GCL Pirates	Gulf Coast	.284	51	204	42	58	11	2	4	20	21	19	14	.359	.417

SANTANA, Pablo (Pablo), Pos: RHP, Height: 6-1, Weight: 180, Bats: R, Throws: R, Born: 2/28/99, Puerto Plata, D.R., Resides: Puerto Plata, D.R., Obtained: Signed as a non-defined fee agent 17/1/15 Sept. Page Care, June Mercel de Scholan Alburga

aratte	ea tree agent, //2,	/lb, Scout: Rene Gayo,	Juan Merca	ao & Esteban	Alvarez.										
YEA	R CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2017	Dom Pirates	Dominican Sum	5-2	3 60	15	1	0	0	1	40.0	30	20	16	16	32

SANTANA, Roger David (Roger), Pos: LHP, Height: 6-0, Weight: 191, Bats: L, Throws: L, Born: 9/26/97, Santiago de los Caballe, D.R., Resides: Santiago de los Caballe, D.R., Resides: Santiago de los Caballe, D.R., Resides: Santiago de los Caballe, D.R., Obtained: Signed as a non-drafted free agent, 7/2/14, Scout: Rene Gayo, Juan Mercado & Esteban Alvarez.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	BB	SO
2015	Dom. Pirates	Dominican Sum.	4-3	5.66	18	0	0	0	0	47.2	60	32	30	14	31
2016	Dom. Pirates	Dominican Sum.	1-6	1.98	15	14	0	0	0	68.1	69	32	15	12	55
2017	GCL Pirates	Gulf Coast	2-4	4.83	12	9	0	0	0	41.0	49	29	22	16	31

SANTOS, Yeison (Yeison), Pos: LHP, Height: 6-2, Weight: 170, Bats: L, Throws: L, Born: 4/16/01, Bonao, D.R., Resides: Bonao, D.R., Obtained: Signed as a non-drafted free agent, 7/3/17, Scout: Juan Mercado.

YEAR CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
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SCHLABACH, Isaac Daniel (Ike), Pos: LHP, Height: 6-4, Weight: 219, Bats: R, Throws: L, Born: 12/21/96, Columbus, OH, Resides: Keller, TX, School: Timber Creek (TX) High School, Obtained: Pirates' 19th round selection in 2013 First-Year Player Draft, Scout: Phil Huttmann, Notes: Went 5-1 with a 1.98 ERA during his junior year at Timber Creek High School. .. 2017: Was named to the New York-Penn League mid-season All-Star team...Ranked third overall in the New York-Penn League in batting average against (.205), including first among starters.

YEAF	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2015	GCL Pirates	Gulf Coast	0-2	5.40	4	4	0	0	0	11.2	11	8	7	6	- 8
2016	Bristol	Appalachian	1-6	5.22	13	13	0	0	0	60.1	67	41	35	22	31
2017	West Virginia	New York-Penn	6-4	2.83	1/	1//	1	Λ	Λ	70.0	53	2/	22	22	ΔV

SCIONEAUX, Tate Michael (Tate), Pos: RHP, Height: 6-1, Weight: 223, Bats: R, Throws: R, Born: 12/14/92, Reserve, LA, Resides: Reserve, LA, School: Southeastern Louisiana University, Obtained: Pirates' 39th round selection in 2015 First-Year Player Draft, Scout: Tyler Stohr, Notes: Was a 2015 All Southland Conference first-team selection as a junior... Tossed three consecutive shutouts to close out the 2015 regular season while stretching his streak to a team-record 36.1 scoreless innings in a row...Ranks third in school history in wins (23) and second in strikeouts (260)...2017. Finished tied for the Eastern League lead in appearances; also ranked first among Eastern League relievers in fewest walks per 9.0 innings (1.63), second in fewest baserunners per 9.0 innings (9.11) among relievers and fourth among relievers in batting average against (.219)...Led all Pirates minor leaguers in appearances; also finished tied for the second-most saves among Pirates minor leaguers.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	BB	SO
2015	West Virginia	New York-Penn	1-0	1.99	10	0	0	0	2	22.2	16	6	5	3	28
2016	West Virginia	South Atlantic	1-0	1.13	7	0	0	0	3	16.0	5	3	2	5	24
	Bradenton	Florida State	4-3	3.06	32	0	0	0	2	67.2	54	24	23	18	64
2017	Altoona	Eastern	6-5	2.39	47	0	0	0	14	83.0	67	27	22	15	67

SEELINGER, Matthew Thomas (Matt), Pos. RHP, Height: 5-10, Weight: 198, Bats: R, Throws: R, Born: 4/19/95, Westbury, NY, Resides: Levittown, NY, School: Farmingdale State (NY) College, Obtained: Pirates' 28th round selection in 2017 First-Year Player Draft, Scout: Eddie Charles, Notes: Became the first-ever Farmingdale State baseball player to be drafted. Larner ollege Athletic Conference First-leam honors in 2017...Was named an All-Contence and All-Region twice in his career...Was a first-team All-Skyline Conference selection in 2017 and a second-team American Baseball Coaches Association/Rawlings All-New York Region selection...Led the Skyline Conference in strikeouts and batting average against in 2017...Was the 2016 Skyline Pitcher-of-the-Year...Went 4-1 with a 1.39 ERA (51.2ip/8er) in 11 appearances (eight starts) in 2017 with Farmingdale...Led the team in innings pitched (51.2), strikeouts (69) and batting average against (159) in 2017...Is the all-time leader in strikeouts per 9.0 innings and second in strikeouts at Farmingdale State...Went 13-4 with a 3.03 ERA and 199 strikeouts in his career with Farmingdale State...Was coached by former Pirate Keith Osik, who played for Pittsburgh from 1996 to 2002.

 YEAR CLUB
 LEAGUE
 W-L
 ERA
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 2017
 West Virginia
 New York-Penn
 0-1
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 9
 37

SENDELBACH, Logan Anthony (Logan), Pos: RHP, Height: 6-3, Weight: 189, Bats: R, Throws: R, Born: 5/5/94, Tiffin, OH, Resides: Tiffin, OH, School: Tiffin (OH) University, Obtained: Pirates: 10th round selection in 2015 First-Vear Player Draft, Scout: Trevor Haley, Notes: Became the first player from Tiffin University to be selected in the Major League Baseball Draft...Went 5-3 with a 2.84 ERA (57.0ip/18er) with five complete games in 11 appearances (10 starts) as a junior in 2015 at Tiffin...Was named an All-GLIAC (Great Lakes Intercollegiate Athletic Conference) honorable mention in 2015...Also took home All-GLIAC honorable mention accolades in 2014...2016: Ranked fourth among South Atlantic League starting pitchers in fewest baserunners per 9.0 innings (10.40).

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2015	Bristol	Appalachian	2-3	5.23	11	10	0	0	0	43.0	47	29	25	14	32
2016	West Virginia	South Atlantic	8-8	3.75	26	26	1	0	0	139.1	126	62	58	31	98
2017	Bradenton	Florida State	5-6	3.58	31	11	0	0	2	88.0	90	39	35	24	62

SHARPE, Christopher Frederick (Chris), Pos: 0F, Height: 6-0, Weight: 185, Bats: R, Throws: R, Born: 6/6/96, Burlington, MA, Resides: Burlington, MA, School: University of Massachusetts-Lowell, Obtained: Pitates' 14th round selection in 2017 First-Year Player Draft, Scout: Eddie Charles, Notes: Hit. 338 (44-for-130) with 16 doubles, seven homer runs, 25 RBI, a 432 on-base percentage and .685 slugging percentage in 33 games as a sophomore at UMass Lowell in 2017... Earned New England Intercollegiate Baseball Association All-New England Second-Team honors in 2017... Became the 21st player in UMass Lowell history to be selected in the draft... Became the highest River Hawk to be drafted since Jack Leathersich was picked in the fifth round of the 2011 draft.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2017	West Virginia	New York-Penn	.234	39	158	19	37	8	1	3	15	19	49	6	.330	.354

SHIELDS, Austin Kenneth (Austin), Pos: RHP, Height: 6-6, Weight: 230, Bats: L, Throws: R, Born: 11/23/97, Mississauga, Ontario, Canada, Resides: Dundas, Ontario, Canada, School: St. Marry's Catholic Secondary (ON) School, Obtained: Pirates' 33rd round selection in 2016 First-Year Player Draft, Scout: Adam Bourassa, Notes: Was a 2016 Rawlings-Perfect Game Honorable Mention All-American...Was a 2015 Underclass High Honorable Mention... Pitched for Canada's under-18 team in 2015...2017: Ranked second among Gulf Coast League relievers in batting average against (.136).

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	BB	so
2016	GCL Pirates	Gulf Coast	0-0	8.53	4	1	0	0	0	6.1	3	6	6	10	3
2017	GCL Pirates	Gulf Coast	4-1	4.43	12	4	0	0	0	40.2	23	23	20	33	22

SIMMONS, Keran Kyle (Kyle), Pos: INF, Height: 6-0, Weight: 175, Bats: R, Throws: R, Born: 12/12/96, Nassau, Bahamas, Resides: Nassau, Bahamas, Obtained: Signed as a non-drafted free agent. 7/2/15. Scout: Rene Gavo.

	CLUB	LEAGUE	AVG	G	AB	R	н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2015	Dom. Pirates	Dominican Sum.	.211	6	19	3	4	1	1	0	3	1	6	1	.273	.368
2016	Dom. Pirates	Dominican Sum.	.160	42	94	14	15	1	0	0	5	30	42	6	.402	.170
2017	Dom. Pirates	Dominican Sum.	.207	53	164	32	34	4	0	0	18	42	49	12	.404	.232

SIRI, Raul Emilio (Raul), Pos: 1B, Height: 5-9, Weight: 178, Bats: R, Throws: R, Born: 10/21/94, Santiago, D.R., Resides: Santiago, D.R., Obtained: Signed as a non-drafted free agent, 7/3/13, Scout: Rene Gayo & Juan Mercado, Notes: 2014: Was named to the Dominican Summer League mid-season All-Star team...Led the Dominican Summer League in doubles and extra base hits (34), while finishing third in slugging percentage and total bases (124).

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	so	SB	OBP	SLG
2014	Dom. Pirates	Dominican Sum.	.324	66	238	52	77	25	5	4	32	41	37	11	.434	.521
2015	GCL Pirates	Gulf Coast	.235	44	149	21	35	8	1	1	19	16	24	10	.318	.322
	Bristol	Appalachian	.206	8	34	4	7	0	1	1	4	2	10	0	.289	.353
2016	Bristol	Appalachian	.223	59	202	33	45	10	1	3	21	26	51	11	.313	.327
2017	West Virginia	New York-Penn	.241	55	195	40	37	8	1	3	19	28	50	15	.345	.338

SOTO, Emison Jose (Emison), Pos: OF, Height: 5-9, Weight: 175, Bats: R, Throws: L, Born: 4/1/96, San Francisco, Venezuela, Resides: Maracaibo, Venezuela, Obtained: Signed as a non-drafted free agent, 7/2/16, Scout: Rene Gayo, Rodolfo Petit & Pablo Csorgi.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2017	Dom. Pirates	Dominican Sum.	.268	54	142	29	38	6	1	1	22	36	13	14	.438	.345

SOUSA, Brian Josue (Brian), Pos: RHP, Height: 6-3, Weight: 214, Bats: R, Throws: R, Born: 8/7/97, Panama, Panama, Resides: Arriajan, Panama, Obtained: Signed as a non-drafted free agent, 7/2/14, Scout: Rene Gayo, Rodolfo Petit & Jose Pineda.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2015	Dom. Pirates	Dominican Sum.	0-2	3.31	5	4	0	0	0	16.1	17	15	6	9	8
2016	GCL Pirates	Gulf Coast	1-4	4.11	11	4	0	0	1	35.0	31	26	16	20	27
2017	Bristol	Appalachian	0-0	37.80	2	0	0	0	0	1.2	8	8	7	2	1
	GCL Pirates	Gulf Coast	5-0	3.66	13	0	0	0	0	39.1	37	22	16	27	26

STAFFORD, Deon Christopher (Deon), Pos: C, Height: 5-11, Weight: 211, Bats: R, Throws: R, Born: 3/17/96, Harrisburg, PA, Resides: Tampa, FL, School: St. Joseph's (PA) University, Obtained: Pirates' 5th round selection in 2017 First-Year Player Draft, Scout: Dan Radcliff, Notes: Became St. Joseph's highest drafted player since John DelMonte was selected in the fourth round of the 1979 draft...Earned first-team All-Atlantic 10 honors for the second consecutive year as a junior in 2017...Hit. 288 (42-for-146) with eight doubles, eight home runs and 22 RBI in 42 games in 2017 while also leading the Atlantic 10 conference with a .464 on-base percentage...Was also named EcAC Division 1 and Philadelphia Big 5 Baseball Player of the Year and was a semifinalist for the Johnny Bench Award, given to the nation's top collegiate catcher...Was named to the All-Conference second-team and the All-Rookie team as a freshman and was the first St. Joseph's player to earn all-conference honors in three different seasons (2015-17)...Was named the Big 5 Rookie-of- the-Year and went on to become the New England Collegiate Baseball League's Rookie- of-the-Year in 2015... 2017; Was named to the New York-Penn League mid-season All-Star team.

	CLUB	LEAGUE	AVG	G	AB	R	н	2B	3B	HR	RBI	вв	SO	SB	OBP	SLG
2017	West Virginia	New York-Penn	.280	45	182	22	51	11	1	4	28	15	53	3	.332	.418

STRATTON, Hunter Alexander (Hunter), Pos: RHP, Height: 6-3, Weight: 231, Bats: R, Throws: R, Born: 11/17/96, Bristol, TN, Resides: Bristol, TN, School: Walters State (TN) Community College, Obtained: Pirates' 16th round selection in 2017 First-Year Player Draft, Scout: Jerry Jordan, Notes: Went 8-3 with a 3.95 ERA (66.lip/29er) and 79 strikeouts in 14 appearances (14 starts) in 2017 at Walters State Community College...Also recorded three complete games and back-to-back no-hitters in 2017...Became the fifth player in Walters State Community College history to be drafted by the Pirates, joining Bobby Falls (3rd round, 1981), David Miller (24th round, 1984), Zac Fuesser (34th round, 2009), and teammate Hunter Wolfe, who was chosen in the 12th round in 2017...Won 15 games and recorded 150 strikeouts in his two-year career at Walters State.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	H	R	ER	вв	so
2017	Bristol	Appalachian	0-2	4.81	12	11	0	0	0	43.0	36	26	23	32	38

PIRATES

2018

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STREET, Samuel James (Sam), Pos: RHP, Height: 6-2, Weight: 218, Bats: R, Throws: R, Born: 3/18/92, Melbourne, Australia, Resides: Sandringham, Australia, School: University of Texas-Pan American, Obtained: Pirates' 16th round selection in 2014 First-Year Player Draft, Scout: Trevor Haley, Notes: Was a member of the Louisville Slugger All-American second-team and the National Collegiate Baseball Writers Association All-American third-team, the WAC Pitcher-of-the-Year and College Sports Madness WAC Pitcher-of-the-Year and All-WAC first-team selection in 2014...Was the WAC Triple Crown winner in 2014 after leading the conference in every pitching category, including wins, ERA, strikeous, complete games, batting average against and innings pitched...2014: Was named to the New York-Penn League mid-seson All-Star team...Was charged with an earned run in two of his 16 appearances...Did not surrender a home run in 2712 innings of work...2015: Ranked third among Pirates minor leaguers in ERA...2017: Was a member of Team Australia in the WBC.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2014	Jamestown	New York-Penn	1-1	0.98	16	0	0	0	5	27.2	13	5	3	4	21
2015	West Virginia	South Atlantic	3-1	2.10	34	0	0	0	6	85.2	83	25	20	13	72
2016	Bradenton	Florida State	3-2	2.26	27	0	0	0	1	55.2	46	21	14	23	38
2017	Bradenton	Florida State	4-2	2 74	31	1	0	0	2	69.0	67	26	21	14	51

SUCHY, Michael Joseph (Michael), Pos: 0F, Height: 6-4, Weight: 231, Bats: R, Throws: R, Born: 4/15/93, Dayton, OH, Resides: Bradenton, FL, School: Florida Gulf Coast University, Obtained: Pirates' 5th round selection in 2014 First-Year Player Draft, Scout: Nick Presto, Notes: Was named a first-team Atlantic Sun All-Conference in 2014...Was the second-highest selection in school history behind Chris Sale, who was drafted by the White Sox in the first round (3th overall) in 2010...2014. Ranked third in the New York-Penn League in triples...2015. Was named to the South Atlantic League post-season All-Star team...Ranked storid mind sample Pirates minor league in RBL...Ranked second in the South Atlantic League post-season All-Star team...Ranked storid mind sample Pirates minor league in RBL. Ranked second in the South Atlantic League player-of-the-week for the week of 6/79 to 7/6.

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YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2014	Jamestown	New York-Penn	.236	66	237	35	56	8	6	1	17	26	53	7	.331	.333
2015	West Virginia	South Atlantic	.275	124	447	74	123	34	5	10	76	54	103	6	.362	.441
2016	Bradenton	Florida State	.246	115	386	55	95	15	3	7	47	49	104	8	.339	.355
2017	Altoona	Eastern	.200	78	250	31	50	8	1	4	17	21	95	2	.273	.288
	West Virginia	New York-Penn	200	2	5	0	1	Λ	0	Λ	Λ	3	3	0	500	200

SUERO, Angel Steeward (Angel), Pos: RHP, Height: 6-4, Weight: 187, Bats: R, Throws: R, Born: 8/27/99, San Cristobal, D.R., Resides: San Cristobal, D.R., Obtained: Signed as a non-draffed free agent. 7/2/16. Scout: Rene Gavo. Juan Mercado. Victor Santana & Cesar Saba.

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YEAR CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2017					INIU	RFD - DID	NOT PLAY							

SUITER, Jerrick Lee (Jerrick), Pos: OF, Height: 6-3, Weight: 242, Bats: R, Throws: R, Born: 3/4/93, Valparaiso, IN, Resides: Valparaiso, IN, School: Texas Christian University, Obtained: Pirates' 26th round selection in 2014 First-Year Player Draft, Scout: Phil Huttmann, Notes: Was recognized as the Most Outstanding Player at the 2014 Big 12 championship... Played every position except second base and shortstop during his career at TCL...Was named to the 2012 Mountain West All-Gurnament team...2014: Ranked second in the Appalachian League in walks and third in on-base percentage...2015: Ranked fifth in the South Atlantic League in batting...Became the first Power player since Gregory Polanco in 2012 to record five hits in a game on 7/12 at Greensboro...2016: Batted .400 (24-for-60) during a 14-game hitting streak from 4/29 to 5/16; also hit safely in 14 straight games at McKechnie Field from 6/21 to 7/22, qoing 21-for-54 (389)...2017: Ranked fifth among all Pirates minor leaguers in RBI (62)...Ranked eight in the Eastern League in on-base percentage.

ì	YEAR	CLUB	LEAGUE	AVG	G	AB	R	н	2B	3В	HR	RBI	вв	so	SB	OBP	SLG	
2	2014	Bristol	Appalachian	.279	55	190	35	53	8	2	1	29	41	37	8	.403	.358	
2	2015	West Virginia	South Atlantic	.299	105	381	62	114	19	4	3	57	46	59	6	.382	.394	
2	2016	Bradenton	Florida State	.265	118	442	52	117	16	0	5	63	40	86	7	.326	.335	
2	2017	Bradenton	Florida State	.237	10	38	4	9	2	0	0	4	5	9	1	.341	.289	
		Altoona	Eastern	.285	100	347	47	99	20	3	10	58	47	83	7	.372	.447	

SULSER, Beau Grayson (Beau), Pos: RHP, Height: 6-1, Weight: 198, Bats: R, Throws: R, Born: 5/5/94, Santa Ysabel, CA, Resides: Santa Ysabel, CA, School: Dartmouth (NH) College, Obtained: Pirates' 10th round selection in 2017 First-Year Player Draft, Scout: Eddie Charles, Notes: Went 6-1 with a 1.40 ERA (45.0ip/7er) and 52 strikeouts in seven appearances (seven starts) as a senior in 2017 at Dartmouth...Was the 2017 Ivy League Pitcher-of-the-Year, an All-Ivy League and All-New England First-Team selection in 2017...Earned American Baseball Coaches Association All-Northeast Region First-Team honors in 2017, making him the first Dartmouth player to earn all-region honors from the ABCA in four years....Ranked second in the nation in WHIP (0.80) and third in ERA (1.40)...His brother, Cole, was selected in the 25th round of the 2013 draft by Cleveland...Became the second consecutive Dartmouth pitcher to be drafted by the Pirates in two years (also selected Michael Danielak in the 28th round of the 2016 draft).

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YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2017	West Virginia	New York-Penn	7-4	5 31	18	6	0	0	1	40.2	54	26	74	7	33

TANCAS, Lucas Charles (Lucas), Pos: OF, Height: 6-2, Weight: 214, Bats: R, Throws: R, Born: 11/12/93, San Juan Capistrano, CA, Resides: San Juan Capistrano, CA, School: California State University-Long Beach, Obtained: Pirates' 26th round selection in 2017 First-Year Player Draft, Scout: Brian Tracy, Notes: Hit. 304 (70-for-230) with 12 doubles, nine home runs and \$7 RRI in 67 games in 2017 with Long Beach State. Also went 9-for-10 in stolen base attempts in 2017. Wrestled and played football in high school

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YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG
2017	West Virginia	New York-Penn	276	51	199	74	55	q	1	4	19	8	78	3	327	392

TAYLOR, Jacob N. (Jacob), Pos: RHP, Height: 6-3, Weight: 222, Bats: R, Throws: R, Born: 7/5/95, Slidell, LA, Resides: Picayune, MS, School: Pearl River (MS) Community College, Obtained: Pirates' 4th round selection in 2015 First-Year Player Draft, Scout: Darren Mazeroski, Notes: Went 2-5 with a 3.90 ERA and 44 strikeouts in nine games as a sophomore at Pearl River Community College... Posted a 3-1 record and two saves along with a 3.14 ERA and 33 strikeouts in 28.2 innings as a freshman at PRCC... Was a four-year starter and a first-team All-State selection while playing for Picayune High School in Mississippi... Became the first player drafted by the Pirates out of Pearl River Community College since John Hughes in the 50th round of the 2003 draft.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2015	GCL Pirates	Gulf Coast	0-0	0.00	1	1	0	0	0	2.0	0	0	0	3	2
2016	GCL Pirates	Gulf Coast	0-2	5.79	4	4	0	0	0	9.1	6	8	6	6	9
	West Virginia	New York-Penn	0-1	27.00	1	1	0	0	0	1.2	6	5	5	2	1
2017	Bristol	Appalachian	0-6	8.35	12	9	0	0	0	36.2	50	38	34	22	25

TOLLMAN, Mitchell Ross (Mitchell), Pos: INF, Height: 5-11, Weight: 197, Bats: L, Throws: R, Born: 6/8/94, Irvine, CA, Resides: Lake Forest, CA, School: University of Oregon, Obtained: Pirates' 7th round selection in 2015 First-Year Draft, Scout: Max Kwan, Notes: Started all 62 games as a junior in 2015 for the University of Oregon and hit. 325 (75-for-231) with 20 doubles, two triples, three home runs, 42 RBI and 45 runs scored...Was named a second-team ABCA/Rawlings NCAD Division I All-West Region in a vote by the region's coaches in 2015... Is Oregon's all-time leader in doubles (47), RBI (128), OBP (433) and multiple-RBI games (52), while also ranking in the career top 10 in hits (second), walks (second), hit by pitches (second, intentional walks (third), sugging percentage (third), at bats (fourth), multiple-hit games (third), games started (fourth), runs (sixth), triples (eight)...Was also selected a first-team All-Pac-12 in 2015...Was named a third-team preseason All-American by both Perfect Game and College Sports Madness in 2015...Was named to the PAC-12 All-Conference team as a sophomore in 2014 after batting. 315 with two home runs, 49 RBI and 18 doubles while starting each of Oregon's 64 games at third base, first base or designated batter...Was named a freshman All-American by Louisville Slugger in 2015...2015: Ranked seventh in the New York-Penn League in batting and fourth in on-base percentage...Led all New York-Penn League third basemen in assists (108)...2016: Reached base safely in 28 straight games from 5/19 to 6/24, the second-longest on-base streak by a South Atlantic League player in 2016, it 315 with a 417 OBP during the streak; the streak matched Robbie Grossman's 2009 Power record...Ranked second in the South Atlantic League in walks...Led all South Atlantic League second basemen in games (19), total chances (559), putouts (215), assists (355) and double plays (81)...Was named the South Atlantic League Player-of-the-Week for the week of 6/27 to 7/3...2017: Posted the best fielding perce

YEAR	CLUB	LEAGUE	AVG	G	AB	R	н	2B	3B	HR	RBI	BB	so	SB	OBP	SLG
2015	West Virginia	New York-Penn	.304	63	224	32	68	16	4	0	23	33	38	2	.407	.411
2016	West Virginia	South Atlantic	.265	119	434	65	115	20	1	8	48	71	68	10	.370	.371
2017	Bradenton	Florida State	.267	115	415	66	111	19	3	9	62	58	85	14	.364	.393
	Altoona	Eastern	.222	3	9	1	2	1	0	1	5	0	2	0	.200	.667

TORIBIO, Noe Enmanuel (Noe), Pos: RHP, Height: 6-2, Weight: 185, Bats: R, Throws: R, Born: 8/25/99, Santiago de los Caballeros, D.R., Resides: Santiago de los Caballeros, D.R., Obtained: Signed as a non-drafted free agent 7/2/16. Srout: Rang Gayo, Juan Morcado, Estoban Alvaror & Veferson Morcado.

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YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO	
2017	Dom. Pirates	Dominican Sum.	2-2	4.13	13	13	1	0	0	56.2	63	39	26	26	49	

TORRES, Bryan Francisco (Bryan), Pos: RHP, Height: 6-2, Weight: 180, Bats: R, Throws: R, Born: 4/12/01, Leon, Nicaragua, Resides: Leon, Nicaragua, Obtained: Signed as a non-drafted free agent, 7/3/17, Scout: Juan Mercado.

YEAR CLUB LEAGUE W-L ERA G GS CG SHO SV IP H R ER BB SO SIGNED FOR 2018

TREVILLIAN, Nathan Shane (Nathan), Pos: RHP, Height: 6-2, Weight: 175, Bats: R, Throws: R, Born: 8/24/96, Lynchburg, VA, Resides: Monroe, VA, School: Amherst County (VA) High School, Obtained: Pirates' 22nd round selection in 2015 First-Year Player Draft, Scout: Dan Radcliff, Notes: Posted a 22-1 record, 140 ERA and 243 career strikeouts in career for Amherst County High School...Was the Seminole District Pitcher-of-the-Year in 2014...Went 10-1 with a 1.02 ERA and 107 strikeouts as a junior.

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USELTON, Conner James (Conner), Pos: 0F, Height: 6-3, Weight: 212, Bats: R, Throws: R, Born: 5/20/98, Moore, OK, Resides: Oklahoma City, OK, School: Southmoore (OK) High School, Obtained: Pirates' Competitive Balance B selection in 2017 First-Year Player Draft, Scout: Phil Huttmann, Notes: Was a 2017 Rawlings-Perfect Game First-Team All-American and West All-Region First-Team selection...Hit. 467 with seven home runs and 30 RBI as a senior while being named to The Oklahoman's All-State and Big All-City teams...Was ranked 46th by MLBPipeline.com on the 2017 Prospect Wastch list... Also played quarterback in high school.

 YEAR CLUB
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VALAIKA, Nicholas Logan (Nick), Pos: INF, Height: 5-10, Weight: 198, Bats: R, Throws: R, Born: 12/7/95, Valencia, CA, Resides: Valencia, CA, School: UCLA, Obtained: Pirates' 24th round selection in 2017 First-Year Player Draft. Scout: Rick Allen, Notes: Is the younger brother of Colorado Rockies infielder Pat Valaika and former Cubs infielder Chris Valaika...Became the fourth Valaika brother to be drafted, also joining brother Matt, who was selected in the 2009 draft by the Reds...Attended Hart High School in California, which is also the alma mater of former Pirate Bob Walk and pitcher Tyler Glasnow.

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VALDES, Ryan Thomas (Ryan), Pos: RHP, Height: 5-10, Weight: 183, Bats: R, Throws: R, Born: 8/22/93, Tampa, FL, Resides: Odessa, FL, School: University of South Florida, Obtained: Pirates' 33rd round selection in 2017 First-Year Player Draft, Sout: Nick Presto, Notes: Went 9-1 with a 4.37 ERA (59.2ip/29er) and 56 strikeouts in 23 appearances (five starts) in 2017 with the University of South Florida...Became the fourth Bulls player to be selected in the 2017 draft...Went 15-5 with a 4.02 ERA and 132 strikeouts in his three-year career at the University of South Florida...Was rated by Baseball America as the 145th best prospect in the state of Florida in 2017.

YEAR CLUB LEAGUE W-L ERA GS **GCL Pirates Gulf Coast** 1-0 0.00 Bristol 0-2 5.19 10 0 0 0 0 17.1 12 10 12 22 Annalachian

VALERIO, Adrian Gabriel (Adrian), Pos: INF, Height: 5-11, Weight: 171, Bats: S, Throws: R, Born: 3/13/97, Salcedo, D.R., Resides: Salcedo, D.R., Obtained: Signed as a non-drafted league free agent, 7/3/13, Scout: Rene Gayo & Juan Mercado, Notes: 2015: Led all GCL shortstops in fielding percentage (.959) and games (56)...Also led the league in sacrifice flies (10) and finished second in games played...2016: Ranked first in the Appalachian League in games played and at bats...Led all Appalachian League shortstops in total chances (297) and assists (200).

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	so	SB	OBP	SLG	
2014	Dom. Pirates	Dominican Sum.	.240	60	250	33	60	14	2	1	29	16	36	6	.284	.324	_
2015	GCL Pirates	Gulf Coast	.218	56	188	19	41	12	2	1	17	13	36	7	.270	.319	
2016	Bristol	Appalachian	.247	64	251	21	62	11	1	2	29	7	46	7	.274	.323	
2017	West Virginia	South Atlantic	.273	81	326	55	89	18	2	11	34	11	63	8	.301	.442	

VARGAS, Eddy (Eddy), Pos: LHP, Height: 6-0, Weight: 170, Bats: L, Throws: L, Born: 10/12/97, Puerto Plata, D.R., Resides: Puerto Plata, D.R., Obtained: Signed as a non-drafted free agent, 7/5/17, Scout: Juan Mercado.

YEAR CLUB LEAGUE W-L ERA G GS CG SHO SV IP H R ER BB SO SIGNED FOR 2018

VASQUEZ, Pedro Jose (Jose), Pos: RHP, Height: 6-4, Weight: 225, Bats: R, Throws: R, Born: 9/23/95, Santo Domingo, D.R., Resides: Santo Domingo, D.R., Obtained: From Seattle, 9/1/16, along with pitcher Jake Brentz, to complete 8/6/16 trade for pitcher Arquimedes Caminero, Notes: Was originally signed by Seattle as a non-darfled free agent on 4/8/15...2015: Tied for the Dominican Summer League lead in wins while leading the league in innings pitcher's also ranked third in the league in WHIP (0.88)...2017: Was named to the Florida State League mid- and post-season All-Star team...Was the starting pitcher for the South Division in the Florida State League All-Star Game...Finished sixth in the Florida State League in ERA, tied for second in wins, batting average against (.254) and WHIP (1.20) and fifth among starting pitchers in strikeouts per 9.0 innings (7.15).

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	BB	SO
2015	Dom. Mariners 1	Dominican Sum.	8-2	2.08	15	15	1	0	0	91.0	70	30	21	10	71
2016	Ari. Mariners	Arizona	2-2	2.22	5	4	0	0	0	28.1	24	7	7	5	22
	Clinton	Midwest	3-2	2.28	8	8	1	0	0	43.1	35	13	11	4	30
2017	Bradenton	Florida State	9-7	3.73	26	24	0	0	0	137.2	135	57	57	30	107

VEGA, Yandy David (Yandy), Pos: RHP, Height: 6-0, Weight: 160, Bats: R, Throws: R, Born: 12/2/98, Monteria, Colombia, Resides: Monteria, Colombia, Obtained: Signed as a non-drafted free agent. 7/4/17, Scout: Orlando Covo.

YEAR CLUB LEAGUE W-L ERA G GS CG SHO SV IP H R ER BB SO
SIGNED FOR 2018

VERA, Eduardo (Eduardo), Pos: RHP, Height: 6-2, Weight: 193, Bats: R, Throws: R, Born: 7/3/94, Merida, Mexico, Resides: Merida, Mexico, Obtained: Signed as a non-drafted free agent, 3/5/12, Scout: Rene Gayo & Jesus "Chino" Valdez, Notes: 2017: Was named the South Atlantic League pitcher-of-the-week for the week of 8/21-27. ..Ranked fifth among Pirates minor leaguers in ERA.

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	BB	SO
2012	Dom. Pirates 1	Dominican Sum.	0-0	5.68	4	0	0	0	0	6.1	11	5	4	4	5
	Dom. Pirates 2	Dominican Sum.	2-0	3.06	12	4	0	0	0	32.1	25	13	11	12	26
2013	Dom. Pirates 2	Dominican Sum.	1-0	1.95	14	13	0	0	0	60.0	53	22	13	14	44
2014	GCL Pirates	Gulf Coast	3-1	4.80	17	0	0	0	0	30.0	29	17	16	5	18
2015						INJU	IRED - DIE	NOT PLAY	(
2016	GCL Pirates	Gulf Coast	0-1	4.15	7	0	0	0	- 1	8.2	6	4	4	2	4
2017	West Virginia	South Atlantic	8-7	3.33	27	19	3	1	3	132.1	133	54	49	14	109

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VIEAUX, Cameron Scott (Cam), Pos: LHP, Height: 6-3, Weight: 212, Bats: L, Throws: L, Born: 12/5/93, Novi, MI, Resides: Novi, MI, School: Michigan State University, Obtained: Pirates' 6th round selection in 2016 First-Year Player Draft, Scout: Adam Bourassa, Notes: Went 7-4 with a 2.28 ERA and 77 strikeouts in 87.0 innings in 15 appearances (14 starts) as a red shirt junior at Michiaan State University in 2016...Was an All-Big Ten Freshman team selection in 2014 while winning the Steve Garvey Award as the most improved player...Was previously selected by Detroit in the 19th round of the 2015 First-Year Player Draft... 2017: Was named to the South Atlantic League mid-season All-Star team.

YEAF		LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO	
2016	West Virginia	New York-Penn	2-2	3.33	14	14	0	0	0	67.2	63	30	25	21	52	
2017	West Virginia	South Atlantic	2-3	2.73	11	11	0	0	0	62.2	61	20	19	13	33	
	Bradenton	Florida State	3-7	4 69	13	13	0	0	0	78.2	89	44	41	23	48	

VINICIO, Felix Johan (Felix), Pos: OF, Height: 5-9, Weight: 186, Bats: L, Throws: L, Born: 10/28/94, Santo Domingo, D.R., Resides: Santo Domingo, D.R., Obtained: Signed as a non-drafted free agent, 11/29/13, Scout: Rene Gayo & Juan Mercado, Notes: 2015: Was named to the Dominican Summer League mid-season All-Star team... Ranked fourth among Dominican Summer League relievers in strikeouts per 9.0 innings (12.29).

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG	
2014	Dom. Pirates	Dominican Sum.	.261	46	134	13	35	4	2	1	18	19	16	0	.354	.343	
2015	Dom. Pirates	Dominican Sum.	.301	57	206	32	62	13	2	1	33	17	23	1	.355	.398	
2016	GCL Pirates	Gulf Coast	.261	36	138	13	36	4	0	0	12	10	6	2	.311	.290	
2017	Bristol	Appalachian	.429	2	7	0	3	2	0	0	0	2	3	0	.556	.714	
	GCL Pirates	Gulf Coast	.195	32	113	5	22	5	2	0	10	6	15	1	.234	.274	

VIZCAINO, Eddy Junior (Eddy), Pos: OF, Height: 5-11, Weight: 174, Bats: L. Throws: L. Born: 7/19/96, Bronx, NY, Resides: San Cristobal, D.R., Obtained: Signed as a non-drafted free agent, 10/21/14, **Scout**: Rene Gayo, Juan Mercado, Victor Santana & Cesar Saba.

YEAR	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG	
2015	Dom. Pirates	Dominican Sum.	.261	53	157	23	41	6	2	0	19	24	13	10	.364	.325	
2016	Dom. Pirates	Dominican Sum.	.277	43	119	17	33	6	5	0	17	22	11	4	.385	.412	
2017	GCI Dirates	Gulf Coast	233	22	60	1	1//	7	1	Λ	7	10	7	5	3/13	300	

WADDELL, Brandon David (Brandon), Pos: LHP, Height: 6-1, Weight: 191, Bats: L, Throws: L, Born: 6/3/94, Houston, TX, Resides: Houston, TX, School: University of Virginia, Obtained: Pirates' 5th round selection in 2015 First-Year Player Draft, Scout: Dan Raddliff, Notes: Went 5-5 with a 3.93 ERA (110.0ip/48er) in 19 starts as a junior for the NCAA champion University of Virginia Cavaliers...Was the winning pitcher in the third and deciding game of the World Series against Vanderbilit after allowing two runs in 7.0 innings of work...Went 2-0 with a 2.62 ERA in five starts during the 2015 NCAA Tournament...Was named to the All-College World Series team for a second straight season in 2015 to become the first person to do so in consecutive seasons since South Carollina's Michael Roth and Christian Walker (2011 & 2012)...Made a University of Virginia record 53 starts in his career...His 19 starts in 2015 were tied for the national lead with Florida's Logan Shore and Vanderbilt's Carson Fulmer...Made five career starts in the College World Series, tying him for fifth-most all-time with eight other players...Was a third-team All-ACC honoree and was selected to the College World Series All-Tournament Team in 2014... Went 10-3 with a 2.45 ERA (114.0jp/31er) in 18 starts as a sophomore for Virginia (the Cavaliers went 15-3 in his starts)...Went 3-0 with a 1.59 ERA in four starts during the 2014 NCAA tournament...Ranked second in the ACC with 10 wins in 2014...Tied for third among all freshmen nationally in strikeouts (84) in 2013...2015: Tossed 6.0 scoreless innings and earned the win in Game 3 against Williamsport to win the best-of-three New York-Penn League semifinals on 9/13...2016: Was named the Eastern League Pitcher-of-the-Week for the week of 6/20-26 and the Florida State League Pitcher-of-the-Week for the week of 4/25 to 5/1...Was also named the Florida State League Playerof-the-Month for April after going 4-0 with a 0.93 ERA in five starts; allowed just 13 hits while striking out 26 batters over 29.0 innings...Finished tied for third among Pirates farmhands in wins and tied for fourth in strikeouts...2017: Entered the season rated by Baseball America as having the "Best Changeup" in Pittsburgh's minor league system...Went 1-0 with a 2.57 ERA and 15 strikeouts in nine appearances (one start) for Glendale in the Arizona Fall League... 2018: Was rated by Baseball America as having the "Best Changeup" in the Pirates minor league system.

		LEAGUE	W-L	ERA	G	GS	CG	SHO	SV	IP	Н	R	ER	BB	SO	
2015	West Virginia	New York-Penn	1-1	5.75	6	6	0	0	0	20.1	24	14	13	7	18	
2016	Bradenton	Florida State	4-0	0.93	5	5	0	0	0	29.0	13	3	3	2	26	
	Altoona	Eastern	7-9	4.12	22	20	0	0	0	118.0	122	60	54	61	94	
2017	Altoona	Eastern	3-3	3.55	15	15	0	0	0	66.0	60	28	26	27	56	
	GCL Pirates	Gulf Coast	1-0	0.00	1	0	0	0	0	3.0	1	0	0	0	4	
	West Virginia	New York-Penn	1-0	1.00	2	2	0	0	0	9.0	5	1	1	3	1	1

WALKER, Andrew Wayne (Andrew), Pos: INF, Height: 6-0, Weight: 166, Bats: R, Throws: R, Born: 2/13/94, Dayton, TX, Resides: Dayton, TX, School: Southwestern Christian (OK) University Ohtained: Signed as a minor league free agent 7/6/16

YEAF	CLUB	LEAGUE	AVG	G	AB	R	Н	2B	3B	HR	RBI	BB	SO	SB	OBP	SLG	
2016	GCL Pirates	Gulf Coast	.190	34	100	16	19	4	1	0	8	16	17	8	.306	.250	
2017	West Virginia	South Atlantic	.274	26	84	9	23	1	0	0	7	8	25	2	.344	.286	
	West Virginia	New York-Penn	.171	13	41	3	7	1	0	0	4	7	9	3	.306	.195	

WALLACE, Gavin Robert (Gavin), Pos. RHP, Height: 6-5, Weight: 213, Bats: R, Throws: R, Born: 11/14/95, Madison, NJ, Resides: Madison, NJ, School: Fairfield (CT) University, Obtained: Pirates' 15th round selection in 2017 First-Year Player Draft. Scout: Eddie Charles. Notes: Went 8-5 with seven complete games, four shutouts, a 3.08 ERA (90.2ip/31er) and 76 strikeouts in 14 appearances (14 starts) as a junior at Fairfield University in 2017...Was named the New England Intercollegiate Baseball Association Pitcher-of-the-Year in 2017...Became the 14th Fairfield player to be selected in the MLB Draft and the highest draft pick since Keefe Cato was chosen in the second round in 1979...Tied for the most complete games in NCAA Division I baseball in 2017 with seven... Recorded eight wins in each of the last two years to tie a Fairfield single-season record... Was named the Fairfield University Male Athlete of the Year... His brother. Mike Wallace. was selected by the Pirales in the 30th round of the 2015 draft... 2017: Ranked 10th in the New York-Penn League in ERA, third in WHIP (0.96) and fourth among starting pitchers in batting average against (.229); also finished first among starters in fewest walks per 9.0 innings pitched (0.55) and fewest baserunners per 9.0 innings (8.45) and second in fewest baserunners per 9.0 innings (8.45).

YEAR	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2017	West Virginia	New York-Penn	3-2	2.65	15	13	0	0	0	68.0	60	26	20	5	41

WALLACE, Michael O'Hara (Mike), Pos: RHP, Height: 6-4, Weight: 191, Bats: R, Throws: R, Born: 5/21/94, Staten Island, NY, Resides: Madison, NJ, School: Fairfield (CT) University, Obtained: Pirates' 15th round selection in 2017 First-Year Player Draft, Scout: Steve Skrinar, Notes: Was a first-team All-Metro Atlantic Athletic Conference selection in 2015...Tied for the conference lead with six complete games in 2015...2016: Tied for the Appalachian League lead in shutouts...2017: Was named the South Atlantic League pitcher-of-the-week for the week of 8/28 to 9/4.

	R CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	SV	IP		R	ER	вв	SO	
2015	GCL Pirates	Gulf Coast	0-0	0.00	1	0	0	0	0	2.0	1	0	0	0	3	
	Bristol	Appalachian	1-1	7.89	13	0	0	0	0	21.2	33	22	19	7	15	
2016	Bristol	Appalachian	4-4	3.10	14	6	1	1	0	52.1	37	21	18	13	42	
	West Virginia	New York-Penn	0-0	0.00	1	0	0	0	0	2.0	0	0	0	0	1	
2017	West Virginia	South Atlantic	5-6	3.47	26	10	1	1	1	98.2	89	46	38	27	77	

WARD, Mason Todd (Mason), Pos: LHP, Height: 6-2, Weight: 195, Bats: L, Throws: L, Born: 7/5/95, Canton, GA, Resides: Canton, GA, School: Kennesaw State (GA) University. Obtained: Pirates' 34th round selection in 2017 First-Year Player Draft, Scout: Tim Osborne, Notes: Went 4-2 with a 3.26 ERA (49.2ip/18er) and 40 strikeouts in nine appearances (eight starts) in 2017 with Kennesaw State...Was one of two Cherokee County (NJ) natives to be drafted in 2017, along with Drew Walters, who was selected by the Atlanta Braves in the second round.

YEAR CLU	B LEA	GUE V	V-L	ERA	G	GS	CG :	SHO	SV	IP	Н	R	ER	BB	S0
2017 Brist	ol App	alachian	0-1	3.80	17	0	0	0	1	23.2	21	12	10	7	25

GENERAL

WATSON, Kyle Denver (Kyle), Pos: INF, Height: 6-2, Weight: 198, Bats: R, Throws: R, Born: 1/14/96, Southaven, MS, Resides: Southaven, MS, School: University of Mississippi, Obtained: Pirates' 37th round selection in 2017 First-Year Player Draft, Scout: Darren Mazeroski, Notes: Hit. 221 with 16 doubles, four home runs and 29 RBI in his three-year career at the University of Mississippi...Was named to the All-Tournament team for his play during the 2016 NCAA Oxford Regional.

2017 Bristol Appalachian .224 40 134 22 30 7 1 1 14 21	21 F.C	56 5 338 31	
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			-
WFRB Jacob Bruce (Jake) Post BHP Height: 6-4 Weight: 199 Rats: R. Throws: R. Rorn: 6/5/99 Wichita KS. Resides: Pittsburg KS. School	ool• Pittshurd	ura (KS) High School Ohtair	ned• Pirates

AVG

WEBB, Jacob Bruce (Jake), Posc RHP, Heightt: 6-4, Weight: 199, Bats: R, Throws: R, Born: 6/5/99, Wichita, KS, Resides: Pittsburg, KS, School: Pittsburg (KS) High School, Obtained: Pirates' 19th round selection in 2017 First-Year Player Draft, Scout: Matt Birneal, Notes: Finished the 2017 campaign with a 2.31 ERA (39.lip/13er) and 41 strikeouts as a senior at Pittsburg High School... Was the first Pittsburg player drafted out of high school in 20 years.

	CLUB	LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2017	GCL Pirates	Gulf Coast	0-1	6.43	5	0	0	0	0	7.0	8	6	5	4	2

WEIMAN, Blake Gerald (Blake), Pos: LHP, Height: 6-4, Weight: 204, Bats: R, Throws: L, Born: 11/5/95, Wheat Ride, CO, Resides: Littleton, CO, School: University of Kansas, Obtained: Pirates' 8th round selection in 2017 First-Year Player Draft, Scout: Matt Bimeal, Notes: Went 5-1 with a 2.80 ERA (45,0ip/14er) while leading Kansas bullpen with 55 strikeouts in 30 relief appearances as a junior in 2017 at the University of Kansas...Finished with an overall record of 11-1 with a 2.38 ERA in his three-year career at Kansas...Became the 27th player in Kansas history to be draffled in the top 10 rounds of the draft...Played at Columbine High School in Colorado, where he was selected to the 2012, 2013 and 2014 Colorado High School Futures All-Star teams...2017: Ranked second among New York-Penn League relievers in fewest walks per 9.0 innings pitched (1.08).

YEAR		LEAGUE	W-L	ERA	G	GS	CG	SHO	sv	IP	Н	R	ER	BB	SO
2017	West Virginia	New York-Penn	4-3	3.78	21	0	0	0	1	33.1	36	15	14	4	35

PIRATES ALL-STAR FUTURES GAME SELECTIONS

NAME	YEAR	TEAM	POS.
Yamid Haad	1999	World	C
Aramis Ramirez	1999	World	INF
Bobby Bradley	2000	USA	RHP
Humberto Cota	2001	World	C
J.R. House	2001	USA	C
Sean Burnett	2002	USA	LHP
Tony Alvarez	2002	World	OF
John Van Benschoten	2003	USA	RHP
Jose Castillo	2003	World	INF
Bryan Bullington	2004	USA	RHP
Jorge Cortes	2004	World	OF
Paul Maholm	2005	USA	LHP
Jose Bautista	2005	World	INF
Josh Sharpless	2006	USA	RHP
Neil Walker	2006	USA	C
Steve Pearce	2007	USA	1B
Serguey Linares	2007	World	RHP
Andrew McCutchen	2008	USA	OF
Pedro Alvarez	2009	USA	DH
Gorkys Hernandez	2010	World	OF
Bryan Morris	2010	USA	RHP
Starling Marte	2011	World	OF
Gerrit Cole	2012	USA	RHP
Jameson Taillon	2012	USA	RHP
Dilson Herrera	2013	World	INF
Gregory Polanco	2013	World	OF
Josh Bell	2014	USA	OF
Josh Bell	2015	USA	1B
Elias Diaz	2015	World	C
Austin Meadows	2016	USA	OF
Dovydas Neverauskas	2016	World	RHP
Luis Escobar	2017	World	RHP

HISTORY

HOW THE 40-MAN ROSTER WAS FORMED

AMATEUR FREE AGENT DRAFT: (12)

	DRAFT	ROUND
Josh Bell	2011	
Adam Frazier	2013	6th
Tyler Glasnow	2011	5th
Clay Holmes	2011	9th
Nick Kingham	2010	4th
Chad Kuhl	2013	9th
Jordan Luplow	2014	3rd
Austin Meadows	2013	
Jordy Mercer	2008	3rd
Max Moroff	2012	16th
Jacob Stallings	2012	7th
Jameson Taillon	2010	1st

ACQUIRED BY TRADE: (12)

	FROM	DATE	FOR
Christopher Bostick	Washington	9/26/16	Taylor Gushue
Steven Brault	Baltimore	2/20/15	Travis Snider
Francisco Cervelli	New York (AL)		Justin Wilson
Kyle Crick	San Francisco		Andrew McCutchen
Michael Feliz, Joe Musgrove &	k		
Colin Moran	Houston		Gerrit Cole
Josh Harrison	Chicago (NL)	7/30/09	. Tom Gorzelanny & John Grabow
Felipe Rivero	Washington	7/30/16	Mark Melancon
Sean Rodríguez	Atlanta		Connor Joe
Josh Smoker	New York (NL)		Daniel Zamora & cash
Trevor Williams	Miami	10/24/15	Richard Mitchell

SIGNED AS A FREE AGENT: (3)

David Freese	′16
Daniel Hudson	′16
Ivan Nova	′16

SIGNED AS A NON-DRAFTED FREE AGENT: (8+1)

ario Agrazal	2
ias Díaz	3
iis Escobar	3
ing Ho Kang	5
arling Marte	7
ovydas Neverauskas)
sé Osuna)
egory Polanco)
lgar Santana	3

CLAIMED OFF WAIVERS: (3+1)

	FROM	DATE
George Kontos	. San Francisco	8/5/17
Jack Leathersich	.Chicago (NL)	9/4/17
A.J. Schugel	. Seattle	
Nik Turley	. Minnesota	11/6/17

SELECTED IN RULE 5 DRAFT: (2)

	FROM	DAIL
Nick Burdi (*).	. Minnesota/Philadelphia	12/14/17
Jordan Milbrath	.Cleveland	. 12/14/17

(*)Acquired in a trade with Philadelphia after the Phillies selected him in the Rule 5 Draft. Names in *Italics* signifies began the 2018 season on the MLB Restricted List



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GENERAI

PITCHER	w	L	ERA	G	GS	CG	SHO	sv	IP	н	R	ER	HR	НВ	ВВ	IBB	so	WP	BK
+Barbato, J.	0	1	4.08	24	0	0	0	0	28.2	25	13	13	4	2	18	0	23	1	О
Bastardo, A.	0	1	15.00	9	0	0	0	0	9.0	16	15	15	5	0	9	0	8	2	0
Benoit, J.	0	2	7.56	8	0	0	0	0	8.1	11	9	7	2	1	6	0	3	1	C
+Brault, S.	1	0	4.67	11	4	0	0	1	34.2	41	21	18	3	2	14	1	23	0	C
Cole, G.	12	12	4.26	33	33	0	0	0	203.0	199	98	96	31	4	55	1	196	7	C
+Glasnow, T.	2	7	7.69	15	13	0	0	0	62.0	81	61	53	13	2	44	2	56	3	C
Hudson, D.	2	7	4.38	71	0	0	0	0	61.2	57	34	30	7	5	33	1	66	4	C
Kontos, G.	1	1	1.84	15	0	0	0	1	14.2	9	3	3	1	0	3	0	15	0	C
Kuhl, C.	8	11	4.35	31	31	0	0	0	157.1	159	81	76	17	6	72	7	142	8	
Leathersich, J.	0	0	0.00	6	0	0	0	0	4.1	3	0	0	0	0	2	0	6	0	C
LeBlanc, W.	5	2	4.50	50	0	0	0	1	68.0	64	35	34	10	1	17	1	54	2	C
Lindblom, J.	0	0	7.84	4	0	0	0	0	10.1	18	9	9	0	0	3	0	10	0	C
Marinez, J.	0	1	3.18	24	0	0	0	0	34.0	34	12	12	4	4	12	1	26	4	C
+Neverauskas,	D. 1	1	3.91	24	0	0	0	0	25.1	24	11	11	4	1	8	0	17	2	C
Nicasio, J.	2	5	2.85	65	0	0	0	2	60.0	49	20	19	4	2	18	2	60	1	C
Nova, I.	11	14	4.14	31	31	2	1	0	187.0	203	96	86	29	7	36	2	131	8	C
Rivero, F.	5	3	1.67	73	0	0	0	21	75.1	47	19	14	4	4	20	0	88	2	
Runzler, D.	0	0	4.50	8	0	0	0	0	4.0	7	4	2	2	0	2	0	4	0	(
+Sanchez, A.	1	0	8.76	8	0	0	0	0	12.1	16	12	12	5	0	1	0	10	2	C
+Santana, E.	0	0	3.50	19	0	0	0	0	18.0	16	8	7	2	1	12	1	20	0	C
Schugel, A.	4	0	1.97	32	0	0	0	0	32.0	31	8	7	3	0	14	2	27	2	C
Taillon, J.	8	7	4.44	25	25	0	0	0	133.2	152	69	66	11	4	46	3	125	7	C
Watson, T.	5	3	3.66	47	0	0	0	10	46.2	57	20	19	7	3	14	4	35	0	C
+Williams, T.	7	9	4.07	31	25	0	0	0	150.1	145	73	68	14	9	52	4	117	2	C
PITTSBURGH	75	87	4.22	162	162	2	12	36	1440.2	1464	731	676	182	58	511	32	1262	58	2
OPPONENTS	87	75	3.76	162	162	2	10	39	1446.1	1331	668	604	151	88	519	39	1213	45	5

PLAYER	AVG	G	AB	н	2B	3B	HR	RBI	ВВ	ОВР
Osuna, J.	.220	53	50	6	1	0	1	2	1	.154
Jaso, J.	.182	59	44	8	1	0	3	10	13	.379
	.381	24	21	8	1	0	0		1	.458
Frazier, A. Gosselin, P.	.381	24 19	18	3	0	0	0	2 1	1	.458
Bell, J.	.200	17	15	3	1	0	1	2	2	.294
Hanson, A.	.200	16	15	3	0	1	0	1	1	.250
Diaz, E.	.200	15	13	2	0		0	0	2	.250
Bostick, C.	.182	13	13	2	0	0	0	0	2	.308
	.500		10	5	-	0	-	-		.500
Polanco, G. Moroff, M.	.222	10			1	-	1	5	0	
/		9	9	2	0	0	0	1	0	.22
Rodriguez, S.	.000	4	4	-	0	0	0	0	0	.000
Freese, D.	.333	11	6	2	1	0	0	0	5	.636
Cervelli, F.	.200	5	5	1	0	0	0	1	0	.200
Luplow, J.	.000	5	5	0	0	0	0	0	0	.000
Harrison, J.	.333	3	3	1	0	0	0	0	0	.333
Stewart, C.	.333	3	3	1	0	0	0	0	0	.333
McCutchen, A.	.500	2	2	1	0	0	0	0	0	.500
Bormann, J.	.000	1	1	0	0	0	0	0	0	.000
Brault, S.	.000	1	1	0	0	0	0	0	0	.000
Cole, G.	.000	1	1	0	0	0	0	0	0	.000
Kuhl, C.	.000	2	1	0	0	0	0	0	1	.500
Marte, S.	.000	1	1	0	0	0	0	0	0	.000
Mercer, J.	.000	1	1	0	0	0	0	0	0	.000
Ortiz, D.	.000	1	1	0	0	0	0	0	0	.000
Ngoepe, G.	.000	1	0	0	0	0	0	0	0	.000
TEAM	.199		241	48	6	1	6	25	29	.296

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	НС	ME	RO	AD	TOT	ALS				PIT			PF
	w	L	w	L	w	L	DOUBLE PLAYS						
/s. Atlanta	3	0	2	2	5	2	TRIPLE PLAYS						
/s. Miami	2	2	2	1	4	3	LEFT ON BASE						
vs. New York	1	2	2	1	3	3	GRAND SLAM HR						
vs. Philadelphia	2	1	3	1	5	2	HOME RUNS - HOM						
vs. Washington	2	1	2	2	4	3	HOME RUNS - ROA	۸D		78			10
TOTALS vs. EAST	10	6	11	7	21	13							
									WON			L	os
	w	L	w	L	w	L	STARTERS		48.				5
vs. Chicago	4	6	5	4	9	10	RELIEVERS		27				2
vs. Cincinnati	3	6	3	7	6	13	STREAKS		6.				
vs. Milwaukee	7	3	3	6	10	9							
vs. St. Louis	6	4	2	7	8	11	ATTENDANC	·E					
OTALS vs. CENTRAL	20	19	13	24	33	43	HOME * 1.919.4	_	(01 D	ATES)		23.697 <i>A</i>	
							ROAD 2,643,2			ATES)		23,637 <i>F</i> 32,633 <i>F</i>	
	w	L	w	L	w	L	, , , , ,		-	-		•	
rs. Arizona	1	2	2	2	3	4	* One home game playe						
s. Colorado	2	1	1	2	3	3)SP	
s. Los Angeles	1	3	0	3	1	6	DOUBLEHEADERS (R	(OAD)	WON	0L	.051 ()SP	LII
rs. San Diego	2	1	1	2	3	3							
s. San Francisco	0	3	1	2	1	5		НС	ME	RO	AD	TOT	A
OTALS vs. WEST	6	10	5	11	11	21		w	L	w	L	w	
							SHUTOUTS	8	6	4	4	12	1
OTALS vs. N.L.	36	35	29	42	65	77	SHO - INDIVIDUAL	0	1	1	0	1	
							EXTRA INNINGS	6	4	2	5	8	
	w	L	w	L	w	L	ONE-RUN DECISION	IS 16	8	4	16	20	2
s. Baltimore	2	0	0	2	2	2	TWO-RUN DECISION	NS 8	2	5	7	13	
vs. Boston	0	0	0	3	0	3	VS. LH STARTERS	11	10	6	14	17	2
s. Detroit	2	0	1	1	3	1	VS. RH STARTERS	33	27	25	36	58	6
s. New York	2	1	0	0	2	1	GRASS FIELDS	44	37	30	48	74	8
rs. Tampa Bay	2	1	0	0	2	1	ARTIFICIAL FIELDS	0	0	1	2	1	
rs. Toronto	0	0	1	2	1	2	DAY GAMES	16	7	12	15	28	2
ΓΟΤALS vs. A.L.	8	2	2	8	10	10	NIGHT GAMES	28	30	19	35	47	6
OVERALL TOTALS	44	37	31	50	75	87							

20	17	OFFI	CI	AL ST	ATIS	STIC	S					
DATE	GAME NO.	OPP.	W/L	SCORE I	RECORD	POS.	GB/A	WINNING PITCHER	LOSING PITCHER	SAVE	GAME ATTENDANCE	TOTAL HOME ATTENDANCE
								APRIL (11-13)				
3 5	1 2	at Bos at Bos	L L	3-5 0-3 (12)	0-1 0-2	T2 5	-1.0 -1.0	Porcello (1-0) Kelly (1-0)	Cole (0-1) Bastardo (0-1)	Kimbrel (1)	36,594 36,137	
6		at Bos						PPD - RAIN (resched	uled for April 13)			
7 8	3 4	ATL ATL	W	5-4 6-4	1-2 2-2	4 3	-1.5 -0.5	Nova (1-0) Kuhl (1-0)	Foltynewicz (0-1) Dickey (0-1)	Watson (1) Watson (2)	*36,484 31,756	36,484 68,240
9	5	ATL	W	6-5 (10)	3-2	3	-0.5	Rivero (1-0)	Ramirez (0-1)		22,713	90,953
10 11	6 7	CIN	L L	1-7 2-6	3-3 3-4	3 3	-1.5 -2.5	Lorenzen (1-0) Storen (1-0)	Glasnow (0-1) Nicasio (0-1)	Iglesias (3)	28,264 11,027	119,217 130,244
12	8	CIN	L	2-9	3-5	4	-3.5	Garrett (2-0)	Nova (1-1)		12,327	142,571
13 14	9 10	at Bos at Chi	W	3-4 4-2	3-6 4-6	T4 4	-3.5 -2.5	Barnes (2-0) Cole (1-0)	Nicasio (0-2) Hendricks (1-1)	Kimbrel (3) Watson (3)	32,400 40,430	
15	11	at Chi	W	8-7	5-6	4	-2.5	Williams (1-0)	Strop (0-1)	Watson (4)	41,814	
16 17	12 13	at Chi at Stl	W L	6-1 1-2	6-6 6-7	T3 T3	-1.5 -2.0	Taillon (1-0) Lynn (1-1)	Uehara (0-1) NOVA (1-2)	Oh (1)	39,422 40,172	
18	14	at Stl	L	1-2	6-8	4	-3.0	Leake (1-1)	Kuhl (1-1)	Oh (2)	38,806	
19 21	15 16	at Stl NYY	L W	1-2 6-3	6-9 7-9	T4 4	-3.0 -2.0	Wacha (2-1) Nicasio (1-2)	Cole (1-2) Sabathia (2-1)	Rosenthal (1 Watson (5)) 40,182 30,565	173,136
22	17	NYY	L	5-11	7-10	5	-3.0	Betances (2-1)	Rivero (1-1)	\M-t (C)	36,140	209,276
23 24	18 19	NYY CHI	W L	2-1 3-14	8-10 8-11	5 5	-2.0 -3.0	NOVA (2-2) Anderson (2-0)	Montgomery (1-1) Kuhl (1-2)	Watson (6)	27,840 13,445	237,116 250,561
25	20	CHI	L	0-1	8-12	5	-4.0	Hendricks (2-1)	Cole (1-3)	Davis (5)	15,326	265,887
26 28	21 22	CHI at Mia	W	6-5 12-2	9-12 10-12	5 4	-3.0 -2.0	LeBlanc (1-0) Taillon (2-0)	Lester (0-1) Conley (1-2)	Watson (7)	16,904 19,690	282,791
29	23	at Mia	W	4-0	11-12	4	-2.0	NOVA (3-2)	Straily (1-2)		33,152	
30	24	at Mia	L	3-10	11-13	T4	-2.0	McGowan (1-0)	Williams (1-1)		26,245	
1	25	at Cin	L	3-4 (10)	11-14	5	-2.0	MAY (13-17) Lorenzen (2-0)	Hudson (0-1)		14,753	
2	26	at Cin	W	12-3	12-14	T4	-2.0	Glasnow (1-1)	Feldman (1-3)	LeBlanc (1)	13,909	
3 4	27 28	at Cin at Cin	L	2-7 2-4	12-15 12-16	5 5	-3.0 -4.0	Davis (1-1) Adleman (1-1)	Taillon (2-1) Nova (3-3)	Igleisas (5)	14,297 17,896	
5	29	MIL	W	4-0	13-16	5	-3.0	LeBlanc (2-0)	Scahill (0-1)	igicisus (5)	21,129	303,920
6 7	30 31	MIL MIL	W	2-1 (10) 2-6	14-16 14-17	5 5	-2.0 -3.0	Watson (1-0) Davies (3-2)	Torres (1-3) Glasnow (1-2)		22,902 25,108	326,822 351,930
8	32	at LA	Ĺ	1-12	14-18	5	-3.5	Wood (3-0)	Williams (1-2)		37,314	331,330
9 10	33 34	at LA at LA	L	3-4 (10) 2-5	14-19 14-20	5 5	-4.5 -5.5	Jansen (2-0) Maeda (3-2)	Hudson (0-2) Kuhl (1-3)	Dayton (1)	47,720 40,719	
11	35	at Ari	Ĺ	1-2	14-21	5	-6.0	Greinke (4-2)	Cole (1-4)	Rodney (9)	17,527	
12 13	36 37	at Ari at Ari	L W	4-11 4-3	14-22 15-22	5 5	-6.0 -6.0	Corbin (3-4) Williams (2-2)	Glasnow (1-3) Walker (3-3)	Watson (8)	21,911 31,673	
14	38	at Ari	W	6-4 (10)		5	-6.0	Watson (2-0)	Wilhelmsen (0-1)	watson (6)	34,088	
16 17	39 40	WAS WAS	L W	4-8 6-1	16-23 17-23	5 5	-6.0 -5.5	Strasburg (4-1) Cole (2-4)	Kuhl (1-4) Turner (2-2)		16,992 18,803	368,922 387,725
18	41	WAS	W	10-4	18-23	5	-5.5	Glasnow (2-3)	Roark (3-2)		27,728	415,453
19 20	42 43	PHI PHI	L W	2-7 6-3	18-24 19-24	5 5	-6.5 -6.0	Hellickson (5-1) Nova (4-3)	Williams (2-3) Velasquez (2-4)	Watson (9)	25,795 32,572	441,248 473,820
21	44	PHI	W	1-0	20-24	5	-5.0	LeBlanc (3-0)	Nola (2-1)	Watson (10)		498,265
22 23	45 46	at Atl at Atl	L L	2-5 5-6	20-25 20-26	5 5	-5.5 -5.5	Foltynewicz (3-4) Jackson (1-0)	Cole (2-5) Watson (2-1)	Johnson (9)	21,896 25,040	
24	47	at Atl	W	12-5 (10		5	-4.5	Rivero (2-1)	Collmenter (0-2)		25,981	
25 26	48 49	at Atl NY	W	9-4 1-8	22-26 22-27	5 5	-4.0 -4.0	Nova (5-3) deGrom (4-1)	Colon (2-5) Kuhl (1-5)		33,713 29,408	527,673
27	50	NY	W	5-4 (10)		5	-3.5	Watson (3-1)	Pill (0-1)		31,658	559,331
28 29	51 52	NY ARI	L W	2-7 4-3	23-28 24-28	5 5	-4.5 -3.5	Harvey (4-3) Watson (4-1)	Glasnow (2-4) Bradley (1-1)		21,828 16,939	581,159 598,098
30	53	ARI	L	0-3	24-29	5	-3.5	RAY (5-3)	Nova (5-4)		14,996	613,094
31	54	ARI	L	5-6 (14)	24-30	5	-4.5	McFarland (3-0)	Marinez (0-1)		20,990	634,084
2	55	at NY	W	12-7	25-30	5	-4.0	JUNE (13-13) Cole (3-5)	Sowald (O.1)		33,047	
3	56	at NY	L	2-4	25-31	5	-4.0	Gsellman (4-3)	Sewald (0-1) Glasnow (2-5)	Reed (8)	34,035	
4 6	57 58	at NY	W	11-1 5-6 (10)	26-31	4 5	-4.0 -4.5	Williams (3-3) Brach (1-1)	Pill (0-2) LeBlanc (3-1)		35,323 26,724	
7	59	at Bal at Bal	L	6-9 (11)	26-33	5	-5.5	Givens (6-0)	LeBlanc (3-2)		19,957	
8 9	60 61	MIA MIA	L L	1-7 7-12	26-34 26-35	5 5	-5.5 -6.5	Volquez (3-7) McGowan (4-0)	Cole (3-6) Glasnow (2-6)		21,744 23,590	655,828 679,418
10	62	MIA	W	7-6	27-35	5	-5.5	Hudson (1-2)	Phelps (2-3)	Rivero (1)	27,275	706,693
11 12	63 64	MIA COL	W	3-1 7-2	28-35 29-35	5 5	-4.5 -4.0	Nova (6-4) Taillon (3-1)	Locke (0-2) Freeland (7-4)	Rivero (2)	22,925 16,320	729,618 745,938
13	65	COL	W	5-2	30-35	4	-3.5	Cole (4-6)	Ottavino (0-1)		16,764	762,702
14 16	66 67	COL	L L	1-5 5-9	30-36 30-37	4 4	-4.5 -6.0	Marquez (5-3) Uehara (2-3)	Kuhl (1-6) Nicasio (1-3)		17,308 25,420	780,010 805,430
17	68	CHI	W	4-3	31-37	4	-5.0	Nova (7-4)	Arrieta (6-5)	Rivero (3)	34,383	839,813
18 19	69 70	CHI at Mil	L W	1-7 8-1	31-38 32-38	4 3	-6.0 -5.0	Lackey (5-7) Cole (5-6)	Taillon (3-2) Garza (3-3)		34,539 25,489	874,352
20	71	at Mil	W	7-3	33-38	3	-4.0	Kuhl (2-6)	Davies (7-4)		23,982	
21 22	72 73	at Mil at Mil	L L	3-4 2-4	33-39 33-40	4 4	-5.0 -6.0	Drake (3-2) Anderson (6-2)	Hudson (1-3) Nova (7-5)	Knebel (11) Knebel (12)	25,134 28,428	
23	74	at Stl	W	4-3	34-40	3	-5.0	Rivero (3-1)	Oh (1-4)	MICDEL (IZ)	47,112	
24 25	75 76	at Stl at Stl	W	7-3 4-8	35-40 35-41	3	-4.0 -5.0	Cole (6-6) Bowman (2-2)	Lynn (5-5) Nicasio (1-4)		46,735 43,719	
27	77	TB	L	2-4 (10)	35-42	4	-5.0	Colome (2-3)	Rivero (3-2)	Hunter (1)	20,424	894,776
28 29	78 79	TB TB	W	6-2 4-0	36-42 37-42	4 4	-4.0 -4.0	Nova (8-5) Taillon (4-2)	Snell (0-5) Archer (6-5)		21,582 22,595	916,358 938,953
30 30	80	SF	L	5-13	37-42 37-43	4	-5.0	Cueto (6-7)	Archer (6-5) Cole (6-7)		22,595 26,407	938,953
								IIII V 44.4 ***				
1	81	SF	L	1-2 (11)	37-44	4	-6.0	JULY (14-11) Osich (2-1)	Hudson (1-4)	Dyson (1)	27,247	992,607
DOU	BLEHE	EADERS	(None)								

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GAME DATE		OPP.	W/L	SCORE	RECORD	POS.	GB/A	WINNING PITCHER	LOSING PITCHER S.	AVE ATTI	GAME ENDANCE	TOTAL HOME ATTENDANCE
2	00	C.F.		7 -	77 45	,	6.0	Camardalia (4.0)	Watson (4.3)	Duran (2)	72144	1024751
2 3	82 83	SF at Phi	L	3-5 0-4	37-45 37-46	4 4	-6.0 -7.0	Samardzija (4-9) Nola (6-5)	Watson (4-2) Nova (8-6)	Dyson (2)	32,144 26,498	1,024,751
4	84	at Phi	w	3-0	38-46	4	-7.0	Taillon (5-2)	Leiter Jr. (1-1)	Rivero (4)	24,087	
5	85	at Phi	W	5-2	39-46	4	-7.0	Cole (7-7)	Lively (1-4)	Rivero (5)	19,099	
6	86	at Phi	W	6-3	40-46	4	-7.0	Kuhl (3-6)	Benoit (1-3)	Nicasio (1)	33,059	
7 8	87 88	at Chi at Chi	L W	1-6 4-2	40-47 41-47	4	-8.0 -7.0	Edwards Jr. (3-1) Nova (9-6)	Williams (3-4) Arrieta (8-7)	Rivero (6)	41,294 41,865	
9	89	at Chi	w	14-3	42-47	4	-7.0	Schugel (1-0)	Lester (5-6)	Kivero (o)	41,604	
10-12								ALL-STAR BREAK				
14	90	STL	W	5-2	43-47	4	-7.0	Rivero (4-2)	Oh (1-5)		24,988	1,049,739
15	91	STL	L	0-4	43-48	4	-8.0	Lynn (8-6)	Taillon (5-3)		35,658	1,085,397
16 17	92 93	STL MIL	W	4-3 4-2	44-48 45-48	4	-7.0 -6.0	LeBlanc (4-2) Hudson (2-4)	Cecil (1-3) Hader (1-1)	Rivero (7)	29,247 18,506	1,114,644 1,133,150
18	94	MIL	w	4-3	46-48	4	-5.0	Nova (10-6)	Drake (2-3)	Rivero (8)	20,462	1,153,612
19	95	MIL	W	3-2 (10)	47-48	3	-4.0	Watson (5-2)	Hughes (3-2)		24,401	1,178,013
20	96	MIL	W	4-2	48-48	3	-3.0	Taillon (6-3)	Nelson (8-5)	Rivero (9)	33,493	1,211,506
21 22	97 98	at Col at Col	W L	13-5 3-7	49-48 49-49	3 3	-2.0 -3.0	Williams (4-4) Marquez (8-4)	Hoffman (6-2) Kuhl (3-7)	Holland (31)	41,192 48,235	
23	99	at Col	Ĺ	3-13	49-50	3	-3.0	Freeland (10-7)	Nova (10-7)	Holland (31)	40,118	
	100	at SF	W	10-3	50-50	3	-2.5	Cole (8-7)	Cain (3-9)		40,030	
25	101	at SF	L	3-11	50-51	3	-3.5	Bumgarner (1-4)	Taillon (6-4)	Stratton (1)	41,232	
26	102	at SF	L	1-2	50-52	4	-4.0	Samardzija (5-11)	Watson (5-3)	Dyson (6)	41,038	
28 29	103 104	at SD at SD	L	2-3 2-4	50-53 50-54	4 4	-4.5 -5.5	Wood (1-0) Lamet (5-4)	Hudson (2-5) Nova (10-8)	Hand (6) Yates (1)	24,215 37,286	
30	154	at SD	w	7-1	51-54	4	-5.5	Cole (9-7)	Richard (5-12)	rates (i)	30,267	
								AUGUST (12-17)				
1	106	CIN	L	1-9	51-55	4	-6.5	Bailey (2-6)	Taillon (6-5)		22,403	1,233,909
2	107	CIN	L	2-5	51-56	4	-6.5	Lorenzen (6-2)	Benoit (0-1)	Iglesias (18)	22,367	1,256,276
3 4	108 109	CIN SD	W	6-0 10-6	52-56 53-56	4 T3	-5.5 -4.5	Kuhl (4-7) Schugel (2-0)	Romano (2-3) Yates (2-2)		25,955 32,243	1,282,231 1,314,474
5	110	SD	L	2-5	53-57	4	-5.5	Lamet (6-4)	Cole (9-8)	Hand (8)	31,817	1,346,291
6	111	SD	W	5-4 (12)	54-57	4	-4.5	Neverauskas (1-0)	Baumann (0-1)		34,175	1,380,466
7	112	DET	W	3-0	55-57	4	-4.5	Williams (5-4)	Zimmermann (7-9)	Nicasio (2)	21,651	1,402,117
8	113	DET at Det	W	6-3	56-57	4	-3.5	Kuhl (5-7)	Boyd (5-6)	Rivero (10)	25,112	1,427,229
9 10	114 115	at Det	L W	0-10 7-5	56-58 57-58	4	-3.5 -3.0	Verlander (8-7) Cole (10-8)	Nova (10-9) VerHagen (0-2)	Rivero (11)	28,902 33,490	
11	116	at Tor	w	4-2	58-58	T3	-3.0	Taillon (7-5)	Stroman (10-6)	Rivero (12)	35,965	
12	117	at Tor	L	2-7	58-59	4	-3.0	Rowley (1-0)	Williams (5-5)		46,179	
13	118	at Tor	L	1-7	58-60	4	-4.0	Happ (6-8)	Kuhl (5-8)		43,618	
15 16	119 120	at Mil at Mil	L	1-3 6-7	58-61 58-62	4 4	-4.5 -5.5	Davies (14-6) Swarzak (1-0)	Nova (10-10) Nicasio (1-5)	Knebel (23) Knebel (24)	32,605 32,439	
17	121	STL	L	7-11	58-63	4	-5.5	Tuivailala (3-1)	Benoit (0-2)	Kilebel (24)	31,499	1,458,728
18	122	STL	Ĺ	10-11	58-64	4	-6.5	Martinez (10-9)	Williams (5-6)	Oh (19)	29,906	1,488,634
19	123	STL	W	6-4	59-64	4	-6.5	Kuhl (6-8)	Wacha (9-6)	Rivero (13)	34,660	1,523,294
20	124	STL	W	6-3	60-64	4	-6.5	Nova (11-10)	Leake (7-12)	Rivero (14)	2,596	1,525,890
21 22	125 126	LA LA	L	5-6 58	60-65 60-66	4 4	-7.0 -8.0	Avilan (2-1) Watson (7-4)	Neverauskas (1-1) Barbato (1-2)	Stripling (2) Jansen (34)	19,094 17,288	1,544,984 1,562,272
23	127	LA	W	1-0 (10)	61-66	4	-8.0	Nicasio (2-5)	HILL (9-5)	Jansen (34)	19,859	1,582,131
24	128	LA	L	2-5	61-67	4	-8.0	Ryu (5-6)	Kuhl (6-9)	Morrow (1)	22,115	1,604,246
25	129	at Cin	L	5-9	61-68	4	-8.0	Stephensen (2-4)	Nova (11-11)		20,561	
	130	at Cin	W	1-0	62-68	4	-8.0	Cole (11-8)	Castillo (2-7)	Rivero (15)	35,259	
27 28	131 132	at Cin at Chi	W L	5-2 1-6	63-68 63-69	4	-7.0 -8.0	Schugel (3-0) Montgomery (5-6)	Mahle (0-1) Williams (5-7)	Rivero (16)	26,155 38,453	
29	133	at Chi	Ĺ	1-4	63-70	4	-9.0	Arrieta (14-8)	Kuhl (6-10)	Davis (27)	37,370	
30	134	at Chi	Ĺ	3-17	63-71	4	-10.0	Quintana (9-11)	Nova (11-12)	501.5 (27)	36,628	
								SEPTEMBER (11-16)				
1 2	135 136	CIN	L W	3-7 5-0	63-72 64-72	4	-11.5 -11.5	Wojciechowski (4-3) Schugel (4-0)	Cole (11-9) Lorenzen (8-3)		23,569 23,529	1,627,815 1,651,344
3	137	CIN	W	3-0	65-72	4	-10.5	Williams (6-7)	Romano (4-6)	Rivero (17)	24,474	1,675,818
4	138	CHI	W	12-0	66-72	4	-9.5	Kuhl (7-10)	Arrieta (14-9)	/	21,068	1,696,886
5	139	CHI	W	4-3	67-72	4	-8.5	LeBlanc (5-2)	Edwards Jr. (3-4)	Rivero (18)	14,079	1,710,965
6	140	CHI	L	0-1	67-73	4	-9.5	Strop (4-4)	Hudson (2-6)	Davis (29)	17,067	1,728,032
7	141	CHI at Stl	L	2-8	67-74 67-75	4	-10.5	Lester (10-7)	Taillon (7-6)	Nicasio (7)	19,201	1,747,233
8 9	142 143	at Stl	L	1-4 3-4	67-75	4	-10.5 -10.5	Weaver (5-1) Lyons (4-0)	Williams (6-8) Kontos (0-1)	Nicasio (3) Nicasio (4)	40,966 44,378	
	144	at Stl	Ĺ	0-7	67-77	4	-10.5	Wacha (12-7)	Nova (11-13)	11100510 (1)	44,683	
11	145	at Mil	W	7-0	68-77	4	-10.0	Brault (1-0)	Woodruff (1-2)		27,422	
12	146	at Mil	L	2-5	68-78	4	-11.0	Jeffress (3-0)	Cole (11-10)	Knebel (35)	30,331	
	147	at Mil	L	2-8	68-79	4	-12.0	Anderson (10-3)	Glasnow (2-7)	I-Ii (27)	27,436	
	148 149	at Cin at Cin	L	2-4 1-2	68-80 68-81	4 4	-13.5 -14.5	Bailey (5-8) Romano (5-6)	Kuhl (7-11) Nova (11-14)	Iglesias (27) Reed (1)	17,625 25,685	
	150	at Cin	L	2-5	68-82	4	-15.5	Stephenson (5-5)	Cole (11-11)	Lorenzen (2)	22,228	
18	151	MIL	Ĺ	0-3	68-83	4	-16.0	Suter (3-2)	Taillon (7-7)	Knebel (36)	16,283	1,763,516
19	152	MIL	L	0-1	68-84	4	-17.0	Anderson (11-3)	Williams (6-9)	Knebel (37)	13,929	1,777,445
20	153	MIL	W	6-4	69-84	4	-16.0	Rivero (5-2)	Knebel (1-3)		15,741	1,793,186
22 23	154 155	STL STL	L W	3-4 11-6	69-85 70-85	4 4	-17.5 -16.5	Nicasio (5-5) Cole (12-11)	Rivero (5-3) Lynn (11-8)		23,942 29,672	1,817,128 1,846,800
	156	STL	W	4-1	70-85	4	-16.5	Taillon (8-7)	Oh (1-6)	Rivero (19)	28,550	1,846,800
26	157	BAL	W	10-1	72-85	4	-16.0	Williams (7-9)	Gausman (11-11)	Brault (1)	19,318	1,894,668
27	158	BAL	W	5-3	73-85	4	-16.0	Kuhl (8-11)	Ynoa (2-3)	Rivero (20)	24,779	1,919,447
28	159	at Was		4-5	73-86	4	-17.0	Doolittle (2-0)	Hudson (2-7)		26,380	
29 30	160 161	at Was at Was		1-6 4-1	73-87 74-87	4 4	-18.0 -18.0	Strasburg (15-4) Kontos (1-1)	Cole (12-12) Kintzler (2-1)	Rivero (21)	36,339 32,240	
-						·	- *				- ,	
1	162	at Was	W	11-8	75-87	4	-17.0	OCTOBER (1-0) Sanchez (1-0)	Gonzalez (15-9)	Kontos (1)	35,652	
/1	talics	- aame	plav	red in W	/illiamspo	rt. PA	(8/20)		- COMPLETE GAME			ne sellout (1)

2017 HIGHS AND LOWS

TEAM BATTING

	14, 7/9 @CHI
	17, 8/30 @CHI
	7 (3 times), 8/30 @CHI (5th), 7/23 @COL (6th) & 5/12 @ARI (3rd)
	18 (twice), 7/21 @COL & 4/28 @MIA
	20, 8/30 @CHI
	6, 6/20 @MIL
	6 (6 times), last on 8/30 @CHI (5th)
	1 (twice), 8/23 vs. LA & 5/11 @ARI
Fewest hits, game, Opponents	
Most doubles, game	
	4 (3 times), 7/30 @SD, 5/24 @ATL & 4/15 @CHI
	59, 5/22-7/28
	3, 6/11 vs. MIA
	5, 4/10 vs. CIN
Most left on base (extra innings)	15, 7/1 vs. SF (11 innings)

TEAM PITCHING

Most strikeouts, game, Pirates	15, 8/16 @MIL
Most strikeouts, game, Pirates (extra innings)	15, 7/19 vs. MIL
Most strikeouts, game, Opponents	17, 5/8 @LA
Most walks, game, Pirates	
Most walks, game, Opponents	
Most walks, game, Opponents (extra innings)	10, 7/1 vs. SF

TEAM MISCELLANEOUS

Longest winning streak	6 games (7/16-21)
Longest losing streak	7 games (9/12-19)
Longest game, innings	14, 5/31 vs. ARI
Longest game, time	4:40, 5/31 vs. ARI (14 inn)
Longest game, time, 9 innings	
Shortest game, time	
Largest margin of victory	
Largest margin of defeat	
Largest come from behind victory	
Largest come from behind loss	
Largest crowd, home	
Smallest crowd, home	
Largest crowd, road	
Smallest crowd, road	
Most errors, game, Pirates	
Most errors, game, Opponents	
Consecutive innings w/out an error	
Most double plays turned	
Most double plays hit into	
Rain delays, home (total time).	
Rain delays, road (total time)	
Players used	

INDIVIDUAL BATTING

	4 (8 times), last by McCutchen (9/26 vs. BAL)
Most consecutive hits	
Most runs, game	4 (3 times), McCutchen (9/26 vs. BAL & 7/30 @SD) & Marte (7/21 @COL)
Most 2bs, game	
Most 3bs, game	
Most HR, game	
Most extra-base hits	
Most total bases	
Most RBI, game	
Most walks, game	
Consec. games, home run	
Longest hitting streak	
Grand slams	
Inside-the-park home runs	
Leadoff home runs	
Walkoff home runs 6, Frazier (9/20 v	s. MIL), Harrison (8/23 vs. LA), Rodriguez (8/6 vs. SD), Bell (7/14/ vs. STL),
	McCutchen (5/29 vs. ARI) & Marte (4/9 vs. ATL)

INDIVIDUAL DITCHING

INDIVIDUAL PITCHING									
Most strikeouts, game									
Longest winning streak									
Longest losing streak. 6 games, Kuhl (4/18-6/14)									
Fewest hits, complete game									
Most walks, game									
Most IP, game, starter									
Most IP, game, reliever									
Most consec. scoreless IP									
Most consecutive saves									

STARTS IN THE BATTING ORDER (WITH TEAM RECORDS)

- 1st Frazier (33-30), Marte (22-27), Harrison (13-16), Mercer (3-9), Bostick (2-1), Jaso (0-3), Moroff (2-0), Rodriguez (0-1)
- 2nd Harrison (39-38), Marte (13-11), Frazier (4-10), Bell (5-6), Mercer (3-5), Jaso (4-2), Moroff (3-3), Luplow (0-6), Cervelli (3-2), Osuna (1-3), Rodriguez (0-1)
- 3rd McCutchen (59-67), Polanco (9-10), Bell (5-4), Jaso (1-4), Harrison (0-2), Osuna (1-0)
- 4th Bell (32-40), Freese (23-23), Polanco (15-22), Jaso (2-2), Osuna (2-0), Luplow (1-0)
- 5th Freese (32-41), Bell (14-16), Osuna (7-10), Cervelli (8-6), Jaso (5-6), Polanco (3-2), Harrison (1-3), Diaz (2-1), Luplow (1-2), Frazier (1-0), Rodriguez (1-0)
- 6th Polanco (18-16), McCutchen (13-15), Jaso (6-12), Cervelli (6-11), Osuna (7-6), Rodriguez (5-6), Frazier (4-5), Mercer (4-4), Bell (3-4), Luplow (5-2), Diaz (3-2), Harrison (1-1), Marte (0-2), Gosselin (0-1)
- 7th Mercer (20-23), Diaz (12-16), Cervelli (13-18), Bell (3-6), Rodriguez (5-3), Harrison (3-4), Hanson (4-3), Moroff (3-3), Osuna (2-3), Gosselin (3-1), Jaso (2-1), Luplow (2-1), Polanco (1-1), Ortiz (1-1), Ngoepe (0-1),
- Bostick (0-1), Stewart (1-0), Frazier (0-1) 8th - Mercer (32-38), Stewart (16-21), Ngoepe (7-5), Moroff (5-6), Diaz (4-4), Cervelli (3-2), Stallings (2-1), Jaso (1-2),
- Frazier (1-2), Bell (1-2), Hanson (1-1), Gosselin (1-1), Rodriguez (1-1), Harrison (0-1)
 9th Pitchers (73-79), Cervelli (1-2), Stewart (1-1), Mercer (0-2), Frazier (0-2), Moroff (0-1)

STARTING POSITIONS (WITH TEAM RECORDS)

- 1B Bell (63-76), Osuna (7-7), Jaso (3-4), Freese (2-0)
- 2B Harrison (36-43), Frazier (15-20), Moroff (6-7), Ngoepe (6-4), Hanson (5-4), Gosselin (4-3), Rodriguez (1-5), Bostick (2-1)
- 3B Freese (53-61), Harrison (16-21), Rodriguez (4-2), Moroff (1-2), Frazier (1-0), Ngoepe (0-1)
- SS Mercer (62-81), Moroff (6-4), Rodriguez (5-1), Ngoepe (1-1), Frazier (1-0)
- LF Marte (27-29), Frazier (22-22), Polanco (11-14), Jaso (6-6), Osuna (3-6), Luplow (1-6), Harrison (5-1), Rodriguez (0-1), Bostick (0-1), Ortiz (0-1), Frazier (0-1)
- CF McCutchen (65-74), Marte (8-11), Polanco (0-2), Frazier (1-0), Ortiz (1-0)
- RF Polanco (34-34), Jaso (12-22), Osuna (10-9), Luplow (8-5), McCutchen (6-7), Frazier (3-7), Rodriguez (2-3)
- C Cervelli (34-41), Diaz (21-23), Stewart (18-22), Stallings (2-1)
- OH Freese (0-3), Bell (0-2), Polanco (1-1), McCutchen (1-1), Frazier (0-1)

DIFFERENT LINEUPS USED: 138

2017 LINEUP CARD

WALKOFF VICTORIES (10)

DATE	OPP.	FINAL	PLAYER	WINNING HIT	
4/9	Atlanta	6-5 (10)	Starling Marte	Home run in 10th inning	
5/6	Milwaukee	2-1 (10)	Josh Harrison	Single in 10th inning	
5/27	New York	5-4 (10)	John Jaso	Single in 10th inning	
5/29	Arizona	4-3	Andrew McCutchen	Home run in 9th inning	
7/14	St. Louis	5-2	Josh Bell	Home run in 9th inning	
7/16	St. Louis	4-3	Adam Frazier	Single in 9th inning	
7/19	Milwaukee	3-2 (10)	Max Moroff	Single in 10th inning	
8/6	San Diego	5-4 (12)	Sean Rodriguez	Home run in 12th inning	
8/23	Los Angeles	1-0 (10)	Josh Harrison	Home run in 10th inning	
9/20	Milwaukee	6-4	Adam Frazier	Home run in 9th inning	

EJECTIONS (5)

DATE	OPP.	PLAYER/COACH	UMPIRE	INNING	REASON
5/22	at Atlanta	Clint Hurdle	Phil Cuzzi	4th	Arguing balls and strikes
5/22	at Atlanta	David Freese	Phil Cuzzi	4th	Arguing balls and strikes
5/23	at Atlanta	Clint Hurdle	Nic Lentz	1st	Arguing Bell being out of base line
7/14	vs. St. Louis	Clint Hurdle	Jerry Layne	6th	Arguing Frazier advance in sixth
8/24	vs. Los Angeles	Clint Hurdle	Paul Emmel	7th	Arguing balls and strikes
	5/22 5/22 5/23 7/14	5/22 at Atlanta 5/22 at Atlanta 5/23 at Atlanta 7/14 vs. St. Louis	5/22 at Atlanta Clint Hurdle 5/22 at Atlanta David Freese 5/23 at Atlanta Clint Hurdle 7/14 vs. St. Louis Clint Hurdle	5/22 at Atlanta Clint Hurdle Phil Cuzzi 5/22 at Atlanta David Freese Phil Cuzzi 5/23 at Atlanta Clint Hurdle Nic Lentz 7/14 vs. St. Louis Clint Hurdle Jerry Layne	5/22 at Atlanta Clint Hurdle Phil Cuzzi 4th 5/22 at Atlanta David Freese Phil Cuzzi 4th 5/23 at Atlanta Clint Hurdle Nic Lentz 1st 7/14 vs. St. Louis Clint Hurdle Jerry Layne 6th

CATCHERS THROWING

CS/ATT	%	PICKOFFS	PB	ERA		
9/39	23% 2 7 (645.lip/306er) 4					
8/22	36%	2	3	(407.1ip/192er) 4.24		
1/3	33%	0	1	(33.1ip/20er) 5.40 (354.2ip/158er) 4.01		
8/25	32%	0	4			
	9/39 8/22 1/3	9/39 23% 8/22 36% 1/3 33%	9/39 23% 2 8/22 36% 2 1/3 33% 0	9/39 23% 2 7 8/22 36% 2 3 1/3 33% 0 1		

CAUGHT STEALINGS BY PITCHERS	2
PITCHER PICKOFFS	3
CD OFF DITCHEDS	_

OTHERS (double steals)5

233

17

19

20

25

27

Christopher Bostick

Max Moroff

Danny Ortiz

Ihan Mariñez

Josh Lindblom

Danny Ortiz

Gregory Polanco

Antonio Bastardo

Josh Lindblom

Gregory Polanco

Optioned to Indianapolis

Optioned to Indianapolis

Recalled fom Indianapolis

Placed on 10-day D.L.

Reinstated from D.L.

Optioned to Indianapolis

Began rehab with Indianapolis

Began rehab with Indianapolis

Placed on 10-day D.L. (retro to 5/15)

Claimed off waivers from Milwaukee

ISTORY

2017-2018 TRANSACTIONS MARCH 28 Jameson Taillon Began rehab with Altoona 11 Placed on Restricted List 30 Elias Díaz Recalled fom Indianapolis Jung Ho Kang 13 Clav Holmes Optioned to Indianapolis Chris Stewart Placed on 10-day D.L. Nick Kingham Optioned to Indianapolis JUNE 17 Christopher Bostick Optioned to Indianapolis Dovvdas Neverauskas Optioned to Indianapolis Alen Hanson Designated for assignment 20 Pat Light Optioned to Indianapolis Gift Ngoepe Optioned to Indianapolis 23 Elias Díaz Optioned to Indianapolis 2 Phil Gosselin Recalled from Indianapolis Max Moroff Optioned to Indianapolis Max Moroff Recalled from Indianapolis 28 Steven Brault Optioned to Indianapolis Jameson Taillon Rehab transferred to Indianapolis Gift Ngoepe Optioned to Indianapolis Francisco Cervelli Placed on 7-day D.L. 29 Unconditionally released Jacob Stallings Selected from Indianapolis Jared Hughes Drew Hutchison Optioned to Indianapolis 8 Dovydas Neverauskas Recalled from Indianapolis 31 A.J. Schugel Optioned to Indianapolis Johnny Barbato Optioned to Indianapolis Tyler Webb Rule 5 selection offered back to NYY 10 Edgar Santana Selected from Indianapolis A.J. Schugel Recalled from Indianapolis APRIL Dovvdas Neverauskas Optioned to Indianapolis José Osuna Optioned to Indianapolis Tyler Glasnow Optioned to Indianapolis Pat Light Designated for assignment **OPENING DAY ROSTER (APRIL 3)** 12 Jameson Taillon Recalled from rehab and reinstated from D.L. Pitchers (12) Antonio Bastardo, Gerrit Cole, Tyler Glasnow, Phil Gosselin Optioned to Indianapolis Daniel Hudson, Chad Kuhl, Wade LeBlanc, Francisco Cervelli Reinsted from D.L. 14 Juan Nicasio, Ivan Nova, Felipe Rivero Jameson Taillon, Tony Watson, Trevor Williams A.J. Schugel Optioned to Indianapolis Catchers (2) Francisco Cervelli, Chris Stewart 18 Chris Stewart Reinstated from D.L. Infielders (8) Josh Bell, Adam Frazier, David Freese, Jacob Stallings Optioned to Indianapolis Phil Gosselin, Alen Hanson, Josh Harrison, 22 Francisco Cervelli Placed on 7-day D.L. (retro to 6/20) John Jaso, Jordy Mercer Outfielders (3) Starling Marte, Andrew McCutchen, Recalled from Indianapolis Jacob Stallings Gregory Polanco Josh Lindblom Reinstated from D.L. and 24 D.L. (0) outrighted to Indianapolis 17 Johnny Barbato Acquired from New York (AL): 25 Jacob Stallings Optioned to Indianapolis optioned to Indianapolis Antonio Bastardo Recalled from rehab 18 José Osuna Recalled from Indianpolis 27 Antonio Bastardo Reinstated from D.L. Starling Marte Placed on Restricted List 24 Dovvdas Neverauskas Recalled from Indianapolis JULY Adam Frazier Placed on 10-day D.L. (retro to 4/23) 2 Began rehab with Bradenton Starling Marte 25 Johnny Barbato Recalled from Indianapolis 3 Francisco Cervelli Reinstated from D.L. Antonio Bastardo Placed on 10-day D.L. Edgar Santana Optioned to Indianapolis 26 Gift Ngoepe Recalled from Indianapolis 4 Starling Marte Rehab transferred to Indianapolis Dovydas Neverauskas Optioned to Indianapolis A.J. Schugel Recalled from Indianapolis 29 Danny Ortiz Selected from Indianapolis Elias Díaz Optioned to Indianapolis David Freese Placed on 10-day D.L. (retro to 4/26) 8 Phil Gosselin Recalled from Indianapolis 30 John Bormann Selected from Bradenton Antonio Bastardo Designated for assignment Danny Ortiz Optioned to Indianapolis 10 Starling Marte Rehab transferred to Bradenton 13 Starling Marte Rehab transferred to Indianapolis MAY Starling Marte Reinstated from Restricted List 18 Elias Díaz Recalled from Indianapolis Phil Gosselin Optioned to Indianapolis John Bormann Optioned to Bradenton Gregory Polanco Placed on 10-day D.L. 22 6 Josh Lindblom Selected from Indianapolis Steven Brault Recalled from Indianapolis Jameson Taillon Placed on 10-day D.L. (retro to 5/4) 28 Steven Brault Optioned to Indianapolis 7 Flias Díaz Optioned to Indianapolis Jordan Luplow Selected from Indianapolis Phil Gosselin Optioned to Indianapolis 31 Joaquín Benoit Acquired from Philadelphia Christopher Bostick Recalled from Indianapolis Tony Watson Traded to Los Angeles (NL) Max Moroff Recalled from Indianapolis Adam Frazier Began rehab with Indianapolis 12 Adam Frazier Recalled from rehab and reinstated from D.L. David Freese Reinstated from D.L.

AUGUST		
2	Wade LeBlanc	Placed on Bereavement List
	Dovydas Neverauska	as Recalled from Indianapolis
	Gregory Polanco	Reinstated from D.L.
	Jordan Luplow	Optioned to Indianapolis
5	Sean Rodriguez	Acquired from Atlanta
	George Kontos Cla	imed off waivers from San Francisco
	Wade LeBlanc F	einstated from Bereavement List
	Jhan Mariñez	Designated for assignment
	Danny Ortiz	Designated for assignment
6	Max Moroff	Optioned to Indianapolis
7	Dovydas Neverauska	os Optioned to Indianapolis
12	Phil Gosselin	Claimed off waivers by Texas

15	Elias Díaz	Recalled from Indianapolis
	Gregory Polanco	Placed on 10-day D.L. (retro to 8/13)
17	Max Moroff	Recalled from Indianapolis
	Francisco Cervelli	Placed on 10-day D.L. (retro to 8/14)
18	Wade LeBlanc	Placed on 10-day D.L.
	Steven Brault	Recalled from Indianapolis
19	Dovydas Neverausk	as Recalled from Indianapolis
	Steven Brault	Optioned to Indianapolis
20	Jacob Stallings	Recalled as the 26th man
		for game in Williamsport
21	Jacob Staillings	Optioned to Indianapolis
22	George Kontos	Placed on 10-day D.L. (retro to 8/20)
	Dovydas Neverausk	as Optioned to Indianapolis
	Joaquín Benoit	Placed on 10-day D.L.
	Steven Brault	Recalled from Indianapolis
	Johnny Barbato	Recalled from Indianapolis
	Edgar Santana	Recalled from Indianapolis
23	Angel Sánchez	Recalled from Indianapolis
	Edgar Santana	Optioned to Indianapolis
25	Francisco Cervelli	Reinstated from D.L.
	Elias Díaz	Optioned to Indianapolis
26	Francisco Cervelli	Placed on 10-day D.L.
	Elias Díaz	Recalled from Indianapolis
28	Adam Frazier	Placed on 10-day D.L.
	Dovydas Neverausk	as Recalled from Indianapolis
	Johnny Barbato	Optioned to Indianapolis
	Jordan Luplow	Recalled from Indianapolis
31	Juan Nicasio Cla	aimed off waivers by Philadelphia

SEPTEMBER

1	Joaquín Benoit	Reinstated from D.L.
	Wade LeBlanc	Reinstated from D.L.
3	Josh Harrison	Placed on 10-day D.L.
	Chris Bostick	Recalled from Indianapolis
4	Jack Leathersich	Claimed off waivers from Chicago;
		optioned to Indianapolis
7	George Kontos	Reinstated from D.L.
8	Adam Frazier	Reinstated from D.L.
	Gregory Polanco	Reinstated from D.L.
10	Johnny Barbato	Recalled from Indianapolis
	Tyler Glasnow	Recalled from Indianapolis
	Jack Leathersich	Recalled from Indianapolis
	Edgar Santana	Recalled from Indianapolis
	Jacob Stallings	Recalled from Indianapolis
	Dan Runzler	Selected from Indianapolis
	Josh Harrison	Transferred to 60-day D.L.
15	Drew Hutchison	Outrighted to Indianapolis

During the 2017 season, 47 players wore the Pirates uniform

NOVEMBER

2	Joaquín Benoit	Elected free agency
	John Jaso	Elected free agency
3	Wade LeBlanc	Outrighted to Indianapolis
4	Chris Stewart	Club option declined;
		granted free agency
6	Josh Harrison	Reinstated from D.L.
	Dan Runzler	Outrighted to Indianapolis
	Nik Turley	Claimed off waivers from Minnesota
21	Dario Agrazal	Selected from Indianapolis
	Luis Escobar	Selected from West Virginia
	Austin Meadows	Selected from Indianapolis
	Gift Ngoepe	Traded to Toronto
27	Sam Moll	Claimed off waivers from Oakland
	Angel Sánchez	Released
30	Sam Moll	Claimed off waivers by Seattle

DECEMBER

11	Engelb Vielma	Claimed off waivers from Philadelphia
14	Jordan Milbrath	Selected from Cleveland in Rule 5 Draft
	Nick Burdi	Rule 5 pick acquired from Philadelphia

JANU	ARY 2018	
4	Shane Carle	Claimed off waivers from Colorado
	Johnny Barbato	Designated for assignment
13	Gerrit Cole	Traded to Houston
	Michael Feliz	Acquired from Houston
	Colin Moran	Acquired from Houston
	Joe Musgrove	Acquired from Houston
	Jason Martin	Acquired from Houston
14	Shane Carle	Designated for assignment
	Engelb Vielma	Designated for assignment
15	Andrew McCutchen	Traded to San Francisco
	Kyle Crick	Acquired from San Francisco
	Bryan Reynolds	Acquired from San Francisco
28	Nik Turley	Placed on MLB Restricted List
31	Josh Smoker	Acquired from New York (NL)

OPS

2017 TEAM/PLAYER NOTES

THE PIRATES...Finished the season with a 75-87 record and a fourth-place finish in the National League Central division...Scored a season-high 14 runs on 7/9 in Chicago...Won a season-high six straight games from 7/16-21... Were a season-high one game over .500 on two occasions; at 49-48 on 7/21 and at 3-2 on 4/9.

SEVEN STARTERS: The Pirates used just seven starting pitchers this season, tying the club record for fewest starting pitchers used in one season (also done in 1902, 1972 and 1997)...Pittsburgh was one of only three teams in MLB to do so in 2017 (also Cleveland and San Francisco).

FIRING BLANKS: Only the Indians (19) and Dodgers (16) produced more shutouts than the Pirates (12) this season - St. Louis, San Diego and Milwaukee also had 12...The Bucs had a total of five shutouts last year after recording 13 in 2015.

BLACK & BLUE BUCCOS: The Pirates were hit by a pitch more times than any team this season (88) and lead all Major League teams with 424 plunkings since the start of the 2013 season (the Cubs are a distant second with 373).

THE K CLUB: The Pirates had five pitchers record at least 115 strikeouts for the first time since 1984 and for the fourth time in team history (also 1969 and 1970)...Gerrit Cole (196), Chad Kuhl (142), Ivan Nova (131), Jameson Taillon (125) and Trevor Williams (117) did it this season while Jose DeLeon (153), Larry McWilliams (149), Rick Rhoden (136), John Candelaria (133) and John Tudor (117) did it in 1984.

DEPARTMENT OF DEFENSE: For just the third time in their 131-year history, the Pirates ended a season with fewer than 100 errors (not counting the strike seasons of 1981 and 1994)...In addition to making 99 errors this season, the Bucs made a league-low 73 miscues in 2009 and 83 in 2007.

ON THE HOME FRONT: The Pirates went 44-37 at home this season, posting a 43-37 record at PNC Park in addition to winning their "home game" against the Cardinals at Bowman Field in Williamsport on 8/20...After the All-Star break, the Pirates produced a 23-15 on their home turf, posting a 7-3-2 record in the 12 series played... Since the start of the 2012 campaign, Pittsburgh's 281 home victories rank sixth among all Major League teams behind the Dodgers (302), Cardinals (292), Nationals (291), Orioles (286) and Yankees (284).

ROAD BUMPS: The Bucs went 31-50 on the road in 2017, winning their final two road games after dropping seven straight and 13-of-14 between 8/28 and 9/29...It marked Pittsburgh's worst record on the road since 2010 (17-64).

GUIDING THE SHIP: In his seven years as Pittsburgh's manager, Clint Hurdle has posted a 584-549-1 record...In the 131-year history of the club, only four others managers have won as many games with the Pirates; Fred Clarke (1472), Danny Murtaugh (1115), Jim Leyland (851) and Chuck Tanner (711)...Overall, Hurdle has won 1118 games in his 15 seasons as a big league manager (534 with the Rockies and 584 with the Pirates)...The Pirates and Hurdle agreed upon a four-year contract extension (thru the 2021 season) on 9/5.

RECORDS FALL IN THE FINALE: The Pirates broke a pair of club records in their 11-8 win over the Nationals in Washington in the final game of the regular season on 10/1...The time of game (4:22) marked the longest 9-inning game in team history and the nine pitchers used is also a record for most pitchers used in a 9-inning game... The previous high of eight pitchers used was accomplished six times, most recently on 9/25/16 vs. Washington.

THE WEEK IN REVIEW: Right-handed pitcher Dovydas Neverauskas became the first Lithuanian-born and raised player to make it to the big leagues when he pitched against the Cubs on 4/24...Infielder Gift Ngoepe became the first player from the continent of Africa to play in the Major Leagues when he made his big league debut on 4/26...Outfielder Danny Ortiz made his Major League debut on 4/29 after playing in 891 career games in the minors and the Pirates promoted catcher John Bormann from Single-A Bradenton to the big leagues on 4/30... Bormann made his Major League debut on 4/30 after driving from Port Charlotte, FL.

NOVA SUPER IN APRIL: Ivan Nova was named National League Pitcher-of-the-Month for the month of April after going 3-2 with two complete games and a 1.50 ERA (36.0/6er) in five starts...He struck out 22 batters and walked just one and capped off the month with a three-hit shutout at Miami on 4/29.

IVAN AND THE BABE: Ivan Nova made a team record-tying 17 consecutive starts in which he issued one walk or fewer, dating back to his first start with the Pirates on 8/6/16...It matched the longest such streak by a Pittsburgh pitcher since Babe Adams went 17 straight starts with one or fewer walks from July 1, 1922 thru May 7, 1923.

TAKING ONE FOR THE TEAM: David Freese collected the only RBI in Pittsburgh's 1-0 win on 5/21 after being hit by a pitch with the bases loaded in the sixth inning...It marked the first time the Pirates won 1-0 with the only RBI coming via a hit by pitch since May 31, 1915, vs. the Cubs when Bill Hinchman was plunked by Chicago's Jimmy Lavender with the sacks packed.

THE .400 CLUB: Andrew McCutchen ended the month of June with a .411 average (37-for-90)...Since 1913 among players with at least 90 at bats, McCutchen's .411 average was the fifth-highest in team history for the month of June, trailing only Tony Pena (.456 in 1982), Paul Waner (.453 in 1927), Clyde Barnhart (.421 in 1927) and Carson Bigbee (.415 in 1923).

HONORS FOR ANDREW: Andrew McCutchen was named the National League Player-of-the-Month for the month of June after hitting .411 with six home runs and 23 RBI...He also led all National League players in batting, OPS (1.193) and OBP (.505) while ranking sixth in RBI (minimum: 90 PAs)...McCutchen is now the only player in team history to win the monthly award five times.

4-6

11-15

A PERFECT 10: The Pirates scored 10 runs in the first inning in their 14-3 win over the Cubs at Wrigley Field on 7/9...According to the Elias Sports Bureau, it marked the third time in team history that the Pirates put up double digits in the first inning; they scored 10 runs on June 8, 1989 at Philadelphia and 12 runs in their Home Opener in 1892, a 14-3 win over St. Louis.

OLD TIME FEEL: On Sunday, August 20, The Pirates and Cardinals played at BB&T Ballpark at historic Bowman Field in Williamsport, PA, the home of the Little League World Series...The Bucs arrived in Williamsport at 10:20am Sunday and returned home to Pittsburgh a little past midnight...Josh Bell went 2-for-4 with a career-high tying four RBI and Ivan Nova pitched 5.2 innings for his team-high 11th victory...Felipe Rivero earned his 14th save in the game that was played in front of a sold-out crowd of 2,596....Starling Marte, Josh Harrison and Andrew McCutchen all had two hits apiece.

A 1-HIT WONDER: The Pirates beat the Dodgers on 8/23 after collecting just one hit; a walkoff home run by Josh Harrison in the 10th inning off Los Angeles starter Rich Hill...According to the Elias Sports Bureau, the last time the Pirates won a game with just one hit was May 2, 1943 against the Cubs in the second game of a doubleheader at Forbes Field...Vince DiMaggio's double off Chicago's Dick Barrett in the fourth inning was the only hit in Pittsburgh's 1-0 victory that day...Harrison became the first player in Major League history to end a pitcher's nohit bid with a walkoff home run.

FEELING LEFT OUT: In their 139th game of the season on 9/5, the Pirates started a left-handed pitcher (Steven Brault) for the first time in 2017...According to the Elias Sports Bureau, this marked the latest into a season that Pittsburgh had started all right-handed pitchers...The previous high was ALL 137 games during the 1891 season.

2017 PIRATES WHEN...

Scoring first
Opp. score first 29-63
Leading after 6 57-9
Tied after 6
Trailing after 6 7-64
Leading after 761-5
Tied after 7 6-7
Trailing after 7 8-75
Leading after 8 63-5
Tied after 8 6-6
Trailing after 8 6-76

Adam Frazier (right hamstring strain)

Josh Harrison (left hand fracture)

Scoring 4+ runs
Scoring less than 4 runs 10-69
Outhitting opponent 50-14
Being out-hit 22-67
Having equal hits 3-6
Comeback wins 40
Wins in final AB
Walkoff wins10
Losses in final AB
Extra Inning Games 8-9
Playing errorless 45-47

2017 DISABLED LIST (13 PLAYERS, 18 APPEARANCES)

Hitting at least 1 HR 58-43
Hitting 2 or more HR 29-5
Series (W-L-T) 21-23-8
Series Sweeps 5
Swept in a Series 9
Starter goes 6.0ip+46-36
Starter goes less than 6.0ip 29-51
Interleague 10-10
Before the break 42-47
After the break33-40
1-Run games 20-27

On **Date** Off **Games** Player (injury) DL Eligible DL Missed Adam Frazier (lefthamstring strain) 4/24 (retro to 4/23) 5/3 5/12 6-12 Antonio Bastardo (left quad strain) 4/25 5/5 6/27 27-29 David Freese (right hamstring strain) 4/29 (retro to 4/26) 5/6 5/12 4-9 Jameson Taillon (testicular cancer) 5/6 (retro to 5/4) 5/15 6/12 15-19 Gregory Polanco (left hamstring strain) 5/17 (retro to 5/15) 5/25 5/25 5-3 5/20 5/30 6/24 16-16 Josh Lindblom (left side discomfort) 7-9 Chris Stewart (left hamstring strain) 5/30 6/9 6/18 6/14 4-3 Francisco Cervelli (concussion) 6/7 6/14 7/3 Francisco Cervelli (concussion) 6/22 (retro to 6/20) 6/27 4-6 Gregory Polanco (left hamstring strain) 7/22 8/1 8/2 2-7 Gregory Polanco (left hamstring strain) 8/15 (retro to 8/13) 8/23 9/8 9-14 Francisco Cervelli (left wrist inflammation) 8/24 8/25 3-5 8/17 (retro to 8/14) Wade LeBlanc (left quad strain) 8/18 8/28 9/1 5-8 George Kontos (right groin strain) 8/22 (retro to 8/20) 8/30 9/7 7-8 9/1 9/1 Joaquín Benoit (left knee inflammation) 8/22 3-6 Francisco Cervelli (left quadriceps irritation) 8/26 9/4 14-19

9/8

9/7

9/13

8/28

9/3

HISTORY

2017 FIELDING STATISTICS

					PITCH	IER						
PLAYER	TEAM	T	PCT	RANK	G	GS	PO	Α	E	TC	DP	TP
Barbato, J.	PIT	R	1.000	0	24	0	2	4	0	6	0	0
Bastardo, A.	PIT	L	.000	0	9	0	0	0	0	0	0	0
Benoit, J.	PIT	R	1.000	0	8	0	1	4	0	5	0	0
Brault, S.	PIT	L	1.000	0	11	4	3	10	0	13	1	0
Cole, G.	PIT	R	.958	17	33	33	16	30	2	48	5	0
Glasnow, T.	PIT	R	.917	0	15	13	4	7	1	12	0	0
Hudson, D.	PIT	R	.933	0	71	0	4	10	1	15	2	0
Kontos, G.	PIT	R	1.000	0	15	0	0	2	0	2	0	0
Kuhl, C.	PIT	R	1.000	0	31	31	10	19	0	29	2	0
Leathersich, J.	PIT	L	.000	0	6	0	0	0	0	0	0	0
LeBlanc, W.	PIT	L	1.000	0	50	0	4	9	0	13	0	0
Lindblom, J.	PIT	R	1.000	0	4	0	0	0	2	0	2	0
Marinez, J.	PIT	R	1.000	0	24	0	3	3	0	6	1	0
Neverauskas, D.	PIT	R	1.000	0	24	0	3	3	0	6	1	0
Nicasio, J.	PIT	R	.917	0	65	0	4	7	1	12	1	0
Nova, I.	PIT	R	.981	10	31	31	18	34	1	53	1	0
Rivero, F.	PIT	L	.947	0	73	0	5	13	1	19	0	0
Runzler, D.	PIT	L	.000	0	8	0	0	0	0	0	0	0
Sanchez, A.	PIT	R	1.000	Ó	8	O	1	2	0	3	Ó	Ó
Santana, E.	PIT	R	1.000	0	19	O	1	1	0	2	0	0
Schugel, A.	PIT	R	1.000	0	32	0	2	2	0	4	0	0
Taillon, J.	PIT	R	1.000	Ó	25	25	7	17	0	24	Ó	Ó
Watson, T.	PIT	L	1.000	0	47	0	1	10	0	11	3	0
Williams, T.	PIT	R	.943	0	31	25	7	26	2	35	1	0
					CATC	HER						
PLAYER	TEAM	Т	PCT	RANK	G	GS	PO	Α	E	TC DP	TP	PE
Cervelli, F.	PIT	R	.991	0	78	75	500	47	5	552 6	0	

					CATO	HER							
PLAYER	TEAM	Т	PCT	RANK	G	GS	PO	Α	E	TC	DP	TP	PB
Cervelli, F.	PIT	R	.991	0	78	75	500	47	5	552	6	0	7
Diaz, E.	PIT	R	.990	0	55	44	356	37	4	397	4	0	3
Stallings, J.	PIT	R	.964	0	5	3	26	1	1	28	0	0	1
Stewart, C.	PIT	R	.985	0	48	40	379	26	6	411	1	0	4

				F	IRST E	ASE						
PLAYER	TEAM	Т	PCT	RANK	G	GS	PO	Α	Е	TC	DP	TP
Bell, J.	PIT	R	.992	8	147	139	1139	86	10	1235	116	0
Freese, D.	PIT	R	1.000	0	3	2	13	1	0	14	3	0
Gosselin, P.	PIT	R	1.000	0	1	0	3	0	0	3	0	0
Jaso, J.	PIT	R	1.000	0	29	7	110	3	0	113	11	0
Osuna, J.	PIT	R	.992	0	23	14	116	4	1	121	12	0
Rodriguez, S.	PIT	R	1.000	0	2	0	2	0	0	2	0	0

SECOND BASE												
PLAYER	TEAM	Т	PCT	RANK	G	GS	PO	Α	E	TC	DP	TP
Bostick, C.	PIT	R	1.000	0	3	3	8	7	0	15	0	0
Frazier, A.	PIT	R	.951	0	42	35	69	85	8	162	21	0
Gosselin, P.	PIT	R	.939	0	11	7	17	14	2	33	5	0
Hanson, A.	PIT	R	.980	0	15	9	20	30	1	51	7	0
Harrison, J.	PIT	R	.981	0	83	79	147	212	7	366	52	0
Moroff, M.	PIT	R	1.000	0	28	13	34	45	0	79	16	0
Ngoepe, G.	PIT	R	1.000	0	20	10	27	37	0	64	9	0
Rodriguez, S.	PIT	R	.935	0	8	6	7	22	2	31	6	0

THIRD BASE												
PLAYER	TEAM	т	PCT	RANK	G	GS	РО	Α	E	TC	DP	TP
Frazier, A.	PIT	R	1.000	0	1	1	0	4	0	4	0	0
Freese, D.	PIT	R	.960	7	116	114	66	222	12	300	29	0
Gosselin, P.	PIT	R	1.000	0	1	0	0	1	0	1	0	0
Hanson, A.	PIT	R	.000	0	1	0	0	0	0	0	0	0
Harrison, J.	PIT	R	.966	0	49	37	39	75	4	118	12	0
Moroff, M.	PIT	R	1.000	0	6	3	2	8	0	10	3	0
Ngoepe, G.	PIT	R	1.000	0	3	1	0	1	0	1	0	0
Rodriguez, S.	PIT	R	1.000	0	9	6	5	21	0	26	0	0

SHORTSTOP												
PLAYER	TEAM	т	PCT	RANK	G	GS	РО	Α	E	TC	DP	TP
Frazier, A.	PIT	R	.800	0	1	1	2	2	1	5	0	0
Hanson, A.	PIT	R	1.000	0	2	0	3	2	0	5	2	0
Mercer, J.	PIT	R	.982	4	144	143	176	359	10	545	88	0
Moroff, M.	PIT	R	1.000	0	16	10	13	42	0	55	4	0
Ngoepe, G.	PIT	R	1.000	0	6	2	6	6	0	12	1	0
Rodriguez, S.	PIT	R	.917	0	6	6	8	14	2	24	3	0

OUTFIELD												
PLAYER	TEAM	т	PCT	RANK	G	GS	PO	Α	E	TC	DP	TP
Bostick, C.	PIT	R	1.000	0	3	1	4	0	0	4	0	0
Frazier, A.	PIT	R	.992	0	67	55	114	3	1	118	0	0
Hanson, A.	PIT	R	.000	0	2	0	0	0	0	0	0	0
Harrison, J.	PIT	R	1.000	0	9	6	13	0	0	13	0	0
Jaso, J.	PIT	R	.977	0	61	46	83	1	2	86	0	0
Luplow, J.	PIT	R	.976	0	23	20	40	1	1	42	0	0
Marte, S.	PIT	R	.994	0	76	75	157	8	1	166	0	0
McCutchen, A.	PIT	R	.987	20	152	152	290	9	4	303	2	0
Ortiz, D.	PIT	L	.833	0	9	2	5	0	1	6	0	0
Osuna, J.	PIT	R	.963	0	36	28	48	4	2	54	0	0
Polanco, G.	PIT	L	.988	0	96	95	163	6	2	171	3	0
Rodriguez, S.	PIT	R	1.000	0	14	6	16	1	0	17	0	0



PNC PARK SEATING CHART



PNC PARK FIELD DIMENSIONS

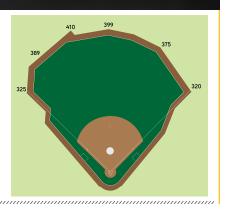
LEFT FIELD FOUL LINE	325 feet
LEFT FIELD POWER ALLEY	389 feet
LEFT CENTER (DEEPEST POINT)	410 feet
CENTER FIELD	399 feet
RIGHT FIELD POWER ALLEY	375 feet
RIGHT FIELD FOUL LINE	320 feet

HEIGHT OF OUTFIELD WALL

LEFT FIELD-LEFT CENTER (6 feet)

CENTER FIELD (10 feet)

RIGHT FIELD (21 feet)





PNC PARK INFORMATION

PNC PARK FACTS

CAPACITY:38,747
COST:\$262 million (includes land acquisition)
DESIGN ARCHITECT:HOK Sport
ARCHITECT OF RECORD:L.D. Astorino
GENERAL CONCESSIONAIRE:Aramark Corp.
PREMIUM-SEAT CATERER:Levy Restaurants
MERCHANDISE CONCESSIONAIRE:Fanatics
CONSTRUCTION CONSORTIUM: Barton Malow;
Dick Corporation
LANDSCAPING/IRRIGATION/SEEDING:Landscape by Design
DISTANCE FROM SEATS BEHIND
HOME PLATE TO HOME PLATE:51 feet
SHORTEST DISTANCE FROM HOME PLATE TO
ALLEGHENY RIVER:456 feet (RF line)

BULLPENS: ..located beyond left-center field wall
(visitors up front, Pirates in rear)

PLAYING SURFACE:98,000 square feet of Kentucky bluegrass (2.25 acres)

LIGHTING: .7 light towers with approximately 700 LED bulbs

SUITES:.....61, plus 1 exclusive suite,

3 owner's suites, and 7 World Series party suites LEXUS CLUB:450 member private dinner club

Gunners:Full Service Bar/Carving Station located behind home plate

Keystone Corner:.....Billiards bar located on

third-base side

Club 3000: .Casual, sports-themed bar located on first-base side

1:35 PM STARTS

PNC PARK GROUND RULES

DUGOUT AREAS: Ball striking dugout railings and rebounding onto playing field -- IN PLAY.

Ball entering dugout -- OUT OF PLAY (Award by Book Rule).

Ball on top step (lip) of dugout -- IN PLAY.

A catch cannot be made in either dugout -- OUT OF PLAY.

BACKSTOP AREA: Pitched or thrown ball on resting ledge of signage behind home plate -- IN PLAY.

OUTFIELD AREA: Batted ball in flight striking taller wall in left-center field and bounding into left field stands -- HOME RUN.

:

Batted ball in flight striking left of vertical yellow line in right center field and rebounding into play -- HOME RUN.

RIGHT FIELD: Ball reaching the seats above the railing -- HOME RUN.

12:35 PM STARTS

RIGHT FIELD: Ball hitting screen above scoreboard and beneath railing is IN PLAY.

RIGHT FIELD: Ball striking railing and bounding into right field is IN PLAY.

PRE-GAME WORKOUT SCHEDULE (SUBJECT TO CHANGE)

	LISSINISIAKI	•	1133 1 113	IAKIS
Pirates Pitch	ers Hit	9:30 - 9:45	Pirates Pitchers Hit	10:30 - 10:45
Pirates Hit		9:45 - 10:45	Pirates Hit	10:45 - 11:45
Visitors Hit		10:45 - 11:30	Visitors Hit	11:45 - 12:30
Pirates Infie	ld	11:30 - 11:40	Pirates Infield	12:30 - 12:40
Visitors Infie	eld	11:40 - 11:50	Visitors Infield	12:40 - 12:50
Grounds Cre	ew	11:50	Grounds Crew	12:50

4:05 PM STA	ARTS	7:05 PM STARTS					
Pirates Pitchers Hit	1:00 - 1:15	Pirates Pitchers Hit	4:00 - 4:15				
Pirates Hit	1:15 - 2:15	Pirates Hit	4:15 - 5:15				
Visitors Hit	2:15 - 3:00	Visitors Hit	5:15 - 6:00				
Pirates Infield	3:00 - 3:10	Pirates Infield	6:00 - 6:10				
Visitors Infield	3:10 - 3:20	Visitors Infield	6:10 - 6:20				
Grounds Crew	3:20	Grounds Crew	6:20				

HISTORY

PNC PARK ATTENDANCE INFORMATION

ATTENDANCE RECOR	os e e e e e e e e e e e e e e e e e e e		
EVENT	ATTENDANCE RECORD	OPPONENT	DATE
Season	2,498,596		2015
Single game (2015 Wild Card Game)	40,889	Chicago (NL)	10/7/15
Single Regular Season game	39,933	Detroit	4/13/15
Day game (not Opening Day)	39,511	Boston	6/26/11
Night game	39,514	St. Louis	8/31/13
Doubleheader	36,941	Atlanta	6/3/01
Day/Night Doubleheader	32,835/38,298	Houston	7/28/01
12:35 weekday start	33,935	Chicago (NL)	7/25/12
Opening Day	39,933	Detroit	4/13/15
Final home game	38,699	Cincinnati	9/22/13
Two-game series	77,819	New York (AL)	June 24-25, 2008
Three-game series	118,324	Boston	June 24-26, 2011
Four-game series	151,952	Washington	July 23-26, 2015
Five-game series	177,026	Houston	July 26-29, 2001
Sunday	39,511	Boston	6/26/11
Monday	39,933	Detroit	4/13/15
Tuesday	38,867	New York (AL)	6/24/08
Wednesday	38,952	New York (AL)	6/25/08
Thursday		·	
Friday	39,404	Los Angeles (NL)	8/7/15
Saturday			-, -, -
Bruce Springsteen concert	,		-, -, -
Jimmy Buffett concert	·		
Pearl Jam/Rolling Stones concert	·		
All-Star Game	,		, ,
Dave Matthews Band concert			, -, -
Jason Aldean/Miranda Lambert cond			, -,
Billy Joel concert	, .		

TOP 10 SINGLE SEASON ATTENDANCE FIGURES IN CLUB HISTORY

RANK	ATTENDANCE	YEAR
1.	2,498,596	2015
2.	2,442,564	2014
3.	2,436,139	2001
4.	2,256,862	2013
5.	2,249,201	2016
6.	2,091,918	2012
7.	2,065,302	1991
8.	2,049,908	1990
9.	1,940,429	2011
10.	1,919,447	2017

PNC PARK TOP 10 REGULAR-SEASON CROWDS (ALL SELLOUTS)

RANK	ATTEND.	DATE	OPPONENT	SCORE
1.	39,933	4/13/15	Detroit	5-4
2.	39,833	3/31/14	Chicago (NL)	1-0
3.	39,585	4/5/12	Philadelphia	0-1
4.	39,514	8/31/13	St. Louis	7-1
5.	39,511	6/26/11	Boston	2-4
6.	39,500	4/3/16	St. Louis	4-1
7.	39,485	8/11/12	San Diego	0-5
8.	39,483	6/25/11	Boston	6-4
9.	39,441	6/4/11	Philadelphia	6-3
10.	39,425	9/21/13	Cincinnati	4-2

PNC PARK SEASON ATTENDANCE FIGURES (TOP 5)

RANK	ATTENDANCE	YEAR
1.	2,498,596	2015
2.	2,442,564	2014
3.	2,436,139	2001
4.	2,256,862	2013
5.	2,249,201	2016

PNC PARK POSTSEASON CROWDS (ALL SELLOUTS)

RANK	ATTENDANCE	GAME
1.	40,889	2015 Wild Card
2.	40,629	2014 Wild Card
3.	40,493	2013 NLDS 4
4.	40,489	2013 NLDS 3
5.	40,487	2013 Wild Card

HISTORY

PNC PARK TOP SERIES ATTENDANCE FIGURES

TOP 5 TWO-DATE SERIES

77,819	June 25-26, 2008 vs. New York (AL)
73,585	
71,182	June 1 & 3, 2001 vs. Atlanta
70,752	August 4-5, 2015 vs. Chicago (NL)
70,233	August 11-12, 2014 vs. Detroit

TOP 5 THREE-DATE SERIES

118,324	June 24-26, 2011 vs. Bostor
116,064	September 20-22, 2013 vs. Cincinnat
115,699	July 12-14, 2013 vs. New York (NL)
115,651	September 19-21, 2014 vs. Milwaukee
115,479	August 7-9, 2015 vs. Los Angeles (NL)

TOP 5 FOUR-DATE SERIES

151,952	July 23-26, 2015 vs. Washington
150,819	June 26-29, 2014 vs. New York (NL)
143,986	August 20-23, 2015 vs. San Francisco
142,870	July 9-12, 2015 vs. St. Louis
129,623	July 29-August 1, 2013 vs. St. Louis

THE LONE FIVE-DATE SERIES177,026July 26-29, 2001 vs. Houston

Originally scheduled as a four-game series, but the clubs were postponed on April 17 and made that game up as part of a day/night doubleheader on July 28.

LARGEST REGULAR-SEASON CROWDS VS EACH OPPONENT AT PNC PARK

TEAM	CROWD	DATE
Arizona	39,091	August 16, 2013
Atlanta	36,941	June 3, 2001 (DH)
Baltimore	37,438	June 8, 2005
Boston	39,511	June 26, 2011
Chicago (AL)	36,610	June 16, 2007
Chicago (NL)	39,833	March 31, 2014
Cincinnati	39,425	September 21, 2013
Cleveland	38,008	June 19, 2010
Colorado	39,219	April 7, 2011
Detroit	39,933	April 13, 2015
Houston	38,476	July 27, 2001
Kansas City	39,312	June 9, 2012
Los Angeles (AL)	31,505	June 4, 2016
Los Angeles (NL)	39,404	August 7, 2015
Miami	39,411	July 21, 2012

TEAM	CROWD	DATE
Milwaukee	39,027 Sept	ember 20, 2014
Minnesota	34,085	June 17, 2006
New York (AL)	39,081	July 10, 2008
New York (NL)	39,385	May 23, 2015
Oakland	30,549	June 19, 2002
Philadelphia	39,585	April 5, 2012
St. Louis	39,514	August 31, 2013
San Diego	39,485	August 11, 2012
San Francisco	38,373	July 29, 2006
Seattle	35,483	July 27, 2016
Tampa Bay	31,113	June 11, 2005
Texas	35,287	June, 22, 2002
Toronto	31,439	May 3, 2014
Washington	38,889	May 24, 2014

SPLIT DOUBLEHEADERS AT PNC PARK

DATE ATTENDANCE

July 28, 2001 vs. Houston	Game 1 (32,835) - Game 2 (38,298)
September 15, 2015 vs. Chicago (NL)	Game 1 (31,488) - Game 2 (25,914)
September 30, 2015 vs. St. Louis	Game 1 (29 747) - Game 2 (34 729)

OPS

REVIEW

HISTORY

PNC PARK STATUES

HONUS WAGNER





DEDICATED 1955 *IFORBES FIELD1*

TODAY

The Honus Wagner statue has had three different "homes" since being dedicated on April 30, 1955. Originally, the Wagner statue was located in Schenley Park, close to the Pirates early home, Forbes Field. It was then moved to Three Rivers Stadium and erected outside Gate C on July 21, 1972.

The statue is now located at the home plate entrance to PNC Park. Honus Wagner's statue was sponsored by the Pittsburgh Professional Baseball Association as a lasting tribute to his character and abilities. Contributions to the statue fund were in amounts ranging from \$1,000 to \$1.00 and were received from thousands of individuals, organizations and foundations. Names of all contributors were then inscribed on one continuous roll and put in a stainless steel, hermetically-sealed tube before being placed inside the statue.

"No one player has ever brought more honor to the game of baseball than has Honus Wagner," said former Pirates President Bill Benswanger, who served as master of ceremonies at the original statue dedication in 1955.

DID YOU KNOW...

That Bucco Hall-of-Famer Honus Wagner is just one of three players to accumulate at least 3,000 hits, 600 doubles and 500 stolen bases during his career. The other players are Ty Cobb and Paul Molitor.

ROBERTO CLEMENTE





DEDICATED 1994 [THREE RIVERS STADIUM]



TODAY

The Roberto Clemente statue was dedicated on July 8, 1994, to kick off All-Star Week in Pittsburgh. It was originally erected outside Gate A at Three Rivers Stadium and is now located outside the Center Field Gate to PNC Park, a few steps away from the Roberto Clemente Bridge.

The base of the statue is black granite and stainless steel with a diamond set in the center. Glass blocks represent first, second and third base. Beneath the glass is soil from Puerto Ricowhere Roberto first played the game-Forbes Field and Three Rivers Stadium. The soil is marked as "hallowed ground," a place of transcendence where the past, present and future of baseball meet and to which each individual can bring his or her own memories.

Encircling the diamond and set in the stainless steel is a timeline of Clemente's life. Fifteen inscriptions run counterclockwise around the diamond, beginning at home plate and ending somewhere between third base and home. There is space for a 16th inscription, but it remains empty, a reflection of the incomplete circle of Roberto Clemente's life. Susan Wagner sculpted the 12-foot bronze statue of Clemente and L.D. Astorino & Associates, Ltd., served as the architect of the project.

That Roberto Clemente led the Major Leagues in hits and batting average during the decade of the 60's. In that 10-year span, Clemente recorded 1,877 hits to top the list, 58 ahead of Hank Aaron (1,819), while producing a .328 batting average.

WILLIE STARGELL



DEDICATED 2001

On September 29, 2000, the Pirates announced that a statue of Willie Stargell would be unveiled at the club's new home, PNC Park. The announcement was made during the last weekend of Pittsburgh's final games at Three Rivers Stadium.

Stargell, however, did not live to see the day he would be forever immortalized at the statue unveiling on April 7, 2001. After not being able to attend the unveiling ceremony because of an illness, the Hall-of-Famer passed away in the early morning hours of April 9, the same day PNC Park officially opened its doors to begin a new era of Pirates baseball.

The 12-foot bronze statue stands along Federal Street at the entrance to left field at PNC Park. At the base of the statue is a quote from Stargell: "Last night, coming in from the airport, we came through the tunnel and the city opened up its arms and I felt at home." Also throughout the base of the statue are "Stargell stars," which the Pirates all-time home run leader handed out to his teammates toward the conclusion of his 21-year playing career with Pittsburgh.

DID YOU KNOW...

That Willie Stargell is the all-time home run leader in the 131-year history of the Pirates. He hit a total of 475 homers in his 21-year career – all coming in a Bucco uniform. "Pops" led all National League players with 289 home runs hit over the 10-year span from 1968-1977, trailing only Reggie Jackson (312) for the Major League lead.

BILL MAZEROSKI



DEDICATED 2010

As part of the 50th anniversary season of the 1960 World Series Championship, the Pirates announced plans on January 29, 2010, to erect a statue of Hall-of-Fame second baseman Bill Mazeroski.

The 12-foot bronze statue was officially unveiled on September 5, 2010, Mazeroski's birthday, and stands at the end of Mazeroski Way, which is located at the right field entrance to PNC Park. Susan Wagner, who sculpted the Clemente, Stargell and Kiner statues, also produced this likeness of Maz.

Mazeroski remains the only player in Major League Baseball history to hit a gamewinning home run in Game 7 of a World Series. His blast off New York's Ralph Terry on October 13, 1960, gave the Bucs a 10-9 victory in the deciding game played at Forbes Field in Pittsburgh.

Elected into the National Baseball Hall of Fame in 2001, the Pirates retired Mazeroski's uniform #9 in 1987. He was a seven-time All-Star and holds numerous Major League records for second basemen, including most seasons leading the league in assists (nine), most double plays in a single season (161 in 1966) and most career double plays (1,707).

DID YOU KNOW...

That Bill Mazeroski holds the Major League record for most seasons (eight) leading the league in double plays and the most double plays turned in one season (161 in 1966). "Maz" still remains the only player in MLB history to hit a game-ending home run in Game Seven of the World Series.

2017

WALKOFF VICTORIES AT PNC PARK (109) Score Final RBI Date Player Opponent Pitcher Inn. Action **Before** Score 4/22/01 Jason Kendall Chicago (NL) Jeff Fassero 10th Home Run 2-3 4-3 2 5/6/01 Aramis Ramirez Colorado Jose Jimenez 11th Single 1 3-3 4-3 6/17/01 Aramis Ramirez (2) Cleveland Steve Karsav 9th Double 1 0-0 1-0 6/26/01 Rob Mackowiak Milwaukee Ray King 12th Single 6-6 7-6 7/13/01 Aramis Ramirez (3) Kansas City Jason Grimsley 9th Single 0-0 1-0 7/28/01 (1) Brian Giles Houston Billy Wagner 9th Home Run 4 5-8 9-8 8/12/01 Aramis Ramirez (4) San Diego Randy Myers Home Run 6-6 7-6 9/3/01(2) Craig Wilson Milwaukee Chad Fox 9th Home Run (PH) 2-2 3-2 5/27/02 Keith Osik Chicago (NL) Antonio Alfonseca 10th 1 2-2 3-2 Single 6/8/02 Craig Wilson (2) Milwaukee Ray King 11th Single 1 8-8 9-8 6-5 8/2/02 Brian Giles (2) San Francisco Robb Nen 9th Double 2 4-5 8/28/02 Brian Giles (3) Atlanta Mike Remlinger 10th Single 1 0-0 1-0 9/20/02 Jack Wilson Chicago (NL) Antonio Alfonseca 9th Single 3-4 5-4 6/18/03 (2) Jason Kendall (2) Montreal Rocky Biddle 9th Double 2 2-3 4-3 6/20/03 Randall Simon Cleveland Danys Baez 15th Home Run 1 4-4 5-4 6/21/03 a wild pitch by Cleveland's Dan Miceli with none out in the 15th plated Abraham Nunez 6-6 7-6 8/1/03 Jason Kendall (3) Colorado Adam Benero 9th Single 11-11 12-11 8/13/03 Randall Simon (2) St. Louis Pedro Borbon 9th Single 1 5-5 6-5 8/29/03 Will Cunnane 9th 6-5 Jose Hernandez Atlanta Single 5/28/04 (1) Rob Mackowiak (2) Chicago (NL) Joe Borowski 9th Home Run 4 5-5 9-5 5/28/04 (2) Craig Wilson (3) Chicago (NL) Francis Beltran 10th Home Run 4-4 5-4 6/28/04 Jack Wilson (2) 9th Triple/error 0 1-1 2-1 St. Louis Julian Tayarez 6/30/04 Bobby Hill St. Louis Julian Tavarez 9th Single 4-5 6-5 8/10/04 San Francisco 9th 7-7 8-7 Rob Mackowiak (3) Matt Herges Single 1 8/11/04 Craig Wilson (4) San Francisco Dustin Hermanson 11th Home Run 6-6 8-6 5/30/05 Freddy Sanchez Florida Todd Jones 10th Single 1 2-2 3-2 7/8/05 Humberto Cota New York (NL) Braden Looper 10th Single 1 6-5 8/3/05 Brad Fldred San Diego Akinori Otsuka 9th Double 1 8-8 9-8 9/8/05 7-7 Humberto Cota (2) Arizona **Buddy Groom** 12th Single 1 8-7 9/16/05 (2) Freddy Sanchez (2) 1 5-4 Cincinnati David Weathers 9th Single 3-4 1 7-7 8-7 5/27/06 Jose Bautista Houston Dave Borkowski 18th Sac Fly 6/1/06 3-3 4-3 Rvan Doumit Milwaukee Derrick Turnbow 9th Single 6/29/06 Freddy Sanchez (3) Chicago (AL) Cliff Politte 9th Home Run 6-6 7-6 7-6 7/15/06 9th 6-6 Ronny Paulino Washington Roy Corcoran Single 7/30/06 Jose Hernandez San Francisco Steve Kline 10th Single 1-1 2-1 8/29/06 5-6 7-6 Jose Bautista (2) Chicago (NL) Rvan Dempster 11th Walk 1 8/30/06 Freddy Sanchez (4) Chicago (NL) Rvan Dempster 11th Single 2 8-9 10-9 9/16/06 Ronny Paulino 2-2 New York Aaron Heilman 9th Double 1 3-2 4/25/07 Adam LaRoche Brian Moehler 1 3-3 4-3 Houston 16th Single 6/29/07 9th Jose Bautista (3) Washington Ion Rauch Sac Flv 1 2-2 3-2 8/2/07 Jose Castillo St. Louis Brad Thompson 11th Single 4-4 5-4 5/9/08 Freddy Sanchez (5) Atlanta Jeff Rennett 9th Single 1 2-2 3-2 5/24/08 Jason Bay Chicago (NL) Michael Wuertz 14th Single 1 4-4 5-4 5/25/08 Jason Bay (2) Chicago (NL) Jon Lieber 11th Single 1 5-5 6-5 6/20/08 Jason Michaels Toronto Jason Frasor 12th Error 0 0-0 1-0 6/28/08 Jason Bay (3) Tampa Bay Jason Hammel 13th Home Run 1 3-3 4-3 7/12/08 Jason Michaels (2) St. Louis Chris Perez 10th Home Run 2 10-11 12-11 9/13/08 Brandon Moss St. Louis Chris Perez 12th Double 1 7-6 6-6 6/25/09 Andrew McCutchen Cleveland Matt Herges 9th Single 2-2 3-2 14th 7/17/09 Garrett Jones San Francisco Bobby Howry Home Run 1 1-1 2-1 7/22/09 Brandon Moss (2) Milwaukee Mitch Stetter 9th Home Run 1 7-7 8-7 8/25/09 Andrew McCutchen (2) Philadelphia Brad Lidge 9th Home Run 2 4-4 6-4 9/6/09 Garrett Jones (2) St. Louis Ryan Franklin 9th Single 1 5-5 6-5 9/27/09 Lastings Milledge Los Angeles Jonathan Broxton 9th Single 2 3-5 6-5 4/7/10 Ronny Cedeno Los Angeles Ramon Ortiz 10th 1 3-3 4-3 Single 4/16/10 Lastings Milledge (2) Cincinnati 10th 1 3-3 4-3 Nick Masset Single 4/17/10 Garrett Jones (3) Cincinnati Francisco Cordero 9th Single 1 4-4 5-4 5/23/10 Ryan Doumit (2) Takashi Saito 10th Home Run 2-2 3-2 Atlanta 8/7/10 Pedro Alvarez Colorado **Huston Street** 10th Home Run 3 5-7 8-7 9/17/10 Ronny Cedeno (2) 3-3 4-3 Arizona Esmerling Vásquez 9th Single

	Diamen	manage Bis.			Antion FT:	Score		Fina
oate (0./11		pponent Pitcher	Inn.	1.446	Action RBI	Before		Scor 4-
/8/11 /3/11	Jose Tabata	Colorado Philadelphia	Franklin Morales	14th 12th	Double Single	1 1	3-3 1-1	2
/3/11 /8/11	Jose Tabata (2)	·	Danys Baez Zach Kroenke		-	1		
	Andrew McCutchen (3) Chase d'Arnaud			12th 10th	Home Run		2-2 3-3	3- 4-
/24/11 /16/11	Garrett Jones (4)	St. Louis	Jason Motte Arthur Rhodes	11th	Sac Fly	1 1	3-3 4-4	5.
/23/11		St. Louis		9th	Home Run	1	3-3	4
	Ryan Ludwick	Cincinnati	Joe Blanton	10th	Single	1	1-1	2
/7/12	Alex Presley	Philadelphia Philadelphia			Single			5-
/8/12 /8/12	Andrew McCutchen (4) Rod Barajas	Washington	David Herndon Henry Rodriguez	9th 9th	Single Home Run	1 2	4-4 3-4	5
/13/12	Josh Harrison	Houston	Fernando Rodrigue:		Single	1	2-2	3
/13/12 /26/12	Matt Hague	Chicago (NL)	Rafael Dolis	9th		1	2-2	3
/3/12	Drew Sutton	Houston		9th	Hit By Pitch Home Run	1	2-2 7-7	8
			Wesley Wright					
/29/12	Andrew McCutchen (5)		Jonathan Broxton	9th	Home Run	1	1-1	2
/14/13	Andrew McCutchen (6)		Mike Fiers	12th	Home Run	1	3-3	4
/17/13	Russell Martin	Houston	Edgar Gonzalez	9th	Error RF	0	4-4	5
/30/13 /2/17	Russell Martin (2)	Detroit	Luke Putkonen	11th	Single	1	0-0	1
/2/13 /20/17	Travis Snider	Cincinnati	Alfredo Simon	11th	Single	1	4-4	5
/30/13	Russell Martin (3)	Milwaukee	Francisco Rodrigue:		Single	1	1-1	2
/12/13	Jordy Mercer	New York (NL)	Gonzalez Germen	11th	Single	1	2-2	3
	Alex Presley (2)	St. Louis	Kevin Siegrist	11th	Single	1	1-1	1
/6/13	Josh Harrison (2)	Miami	Mike Dunn		Home Run (PH)	1	3-3	4
/8/13	Russell Martin (4)	Miami	Steve Ames	10th	Single	1	4-4	5
31/14	Neil Walker	Chicago (NL)	Carlos Villanueva	10th	Home Run	1	0-0	1
2/14	Tony Sanchez	Chicago (NL)	Carlos Villanueva	16th	Single	1	3-3	4
21/14	Neil Walker (2)	Cincinnati	J.J. Hoover	9th	Single	1	5-5	6
2/14	Starling Marte	Toronto	Sergio Santos	9th	Home Run	1	5-5	6
6/14	Starling Marte (2)	San Francisco	Tim Hudson	9th	Triple/error	0	1-1	:
19/14	Russell Martin (5)	Cincinnati	Tony Cingrani	12th	Walk	1	3-3	4
/27/14	Josh Harrison (3)	New York (NL)	Vic Black	11th	Double	1	2-2	3
1/14	Ike Davis	Arizona	Addison Reed	9th	Single	1	2-2	3
/19/14	Jordy Mercer (2)	Colorado	Chad Bettis	11th	Double	1	2-2	3
20/14	Gaby Sanchez	Atlanta	David Carpenter	9th	Sac Fly	1	2-2	3
/12/15	Starling Marte (3)	Philadelphia	Dustin McGowan	13th	Single	1	0-0	1
/14/15	Josh Harrison (4)	Philadelphia	Jonathan Papelbon	11th	Single	1	0-0	1
26/15	Jordy Mercer (3)	Atlanta	Jason Grilli	10th	Double	1	2-2	3
6/15	Pedro Alvarez (2)	San Diego	Brandon Maurer	9th	Single	1	1-1	:
11/15	Andrew McCutchen (7)	St. Louis	Nick Greenwood	14th	Home Run	2	4-5	6
12/15	Gregory Polanco	St. Louis	Trevor Rosenthal	10th	Single	1	5-5	6
7/15	Pedro Alvarez (3)	Los Angeles (NL)	J.P. Howell	10th	Single	1	4-5	5
18/15	Pedro Florimon	Arizona	Keith Hessler	15th	Triple	1	8-8	9
22/15	Starling Marte (4)	San Francisco	George Kontos	9th	Home Run	1	2-2	3
13/15	Josh Harrison (5)	Milwaukee	Tyler Thornburg	11th	Single	1	6-6	7
/2/15	Starling Marte (5)	Cincinnati	Collin Balester	12th	Home Run	2	4-4	6
5/16	Jordy Mercer (4)	St. Louis	Seth Maness	11th	Single	1	5-5	6
19/16	Josh Harrison (6)	Milwaukee	Tyler Thornburg	9th	Triple/error	0	2-2	3
5/16	Sean Rodriguez	Cincinnati	Ross Ohlendorf	9th	Home Run	1	2-2	3
23/16	Jacob Stallings	Washington	Yusmeiro Petit	11th	Single	1	5-5	6
9/17	Starling Marte (6)	Atlanta	Jose Ramirez	10th	Home Run	2	4-5	6
6/17	Josh Harrison (7)	Milwaukee	Carlos Torres	10th	Single	1	1-1	
27/17	John Jaso	New York (NL)	Josh Edgin	10th	Single	1	4-4	5
29/17	Andrew McCutchen (8)	Arizona	Archie Bradley	9th	Home Run	1	3-3	4
14/17	Josh Bell	St. Louis	Seung Hwan Oh	9th	Home Run	3	2-2	Ē
16/17	Adam Frazier	St. Louis	Brett Cecil	9th	Single	1	3-3	2
19/17	Max Moroff	Milwaukee	Jared Hughes	10th	Single	1	2-2	3
6/17	Sean Rodriguez (2)	San Diego	Buddy Baumann	12th	Home Run	1	4-4	5
23/17	Josh Harrison (8)	Los Angeles (NL)	Rich Hill	10th	Home Run	1	0-0	1
		(.1L)						

PIRATES VS ALL OPPONENTS AT PNC PARK (REGULAR SEASON GAMES)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Arizona	2-1	1-2	1-2	2-1	1-2	1-2	3-3	2-2	0-3	3-0	2-1	2-2
Atlanta	0-3	2-1	1-2	1-3	2-1	1-2	1-2	3-1	2-1	3-3	0-2	2-1
Baltimore	0-0	0-0	0-0	0-0	2-1	0-0	0-0	0-0	0-0	0-0	2-1	0-0
Boston	0-0	0-0	1-2	0-0	0-0	0-0	0-0	0-0	0-0	0-0	2-1	0-0
Chicago (AL)	0-0	0-0	0-0	0-0	0-0	1-2	2-1	0-0	0-0	0-3	0-0	0-0
Chicago (NL)	4-4	5-5	4-5	3-6	1-7	4-2	5-4	2-7	1-5	5-1	2-5	4-5
Cincinnati	3-4	4-5	4-3	5-5	3-4	4-2	3-6	4-2	3-6	4-5	5-4	4-5
Cleveland	3-0	0-0	2-1	0-0	0-0	0-0	0-0	0-0	2-1	2-1	0-0	0-0
Colorado	2-1	2-1	4-2	2-1	5-2	2-1	0-3	2-1	2-1	2-2	1-3	2-1
Detroit	0-0	0-0	0-0	0-0	0-0	1-2	0-0	0-0	2-1	0-0	2-1	2-1
Houston	6-4	3-4	5-4	4-3	3-7	3-7	4-2	5-4	2-4	4-2	6-3	8-2
Kansas City	2-1	0-0	0-0	0-0	0-0	0-0	0-0	0-0	2-1	0-0	0-0	3-0
Los Angeles (AL)	0-0	0-0	0-0	2-1	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
Los Angeles (NL)	1-5	1-2	0-3	0-3	1-2	2-2	1-3	1-3	3-1	2-1	1-3	1-3
Miami	1-2	2-1	3-0	3-0	3-1	1-2	2-2	1-1	3-0	1-3	0-3	3-0
Milwaukee	9-1	6-3	5-5	6-2	4-4	7-3	5-2	1-5	5-3	3-6	2-4	1-5
Minnesota	0-0	0-0	0-0	0-0	0-0	0-3	0-0	0-0	0-0	0-0	0-0	2-1
New York (AL)	0-0	0-0	0-0	0-0	0-0	0-0	0-0	2-1	0-0	0-0	0-0	0-0
New York (NL)	0-3	2-0	1-2	2-1	2-1	3-0	1-2	1-3	3-1	1-2	2-2	1-2
Oakland	0-0	0-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
Philadelphia	1-2	3-0	2-1	2-1	2-2	2-1	2-1	1-2	2-1	3-1	2-1	2-1
St. Louis	1-6	3-7	2-5	3-7	1-5	5-4	2-7	5-3	3-6	5-4	4-5	3-3
San Diego	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-3	1-3	0-3	0-3	1-2
San Francisco	1-2	1-2	1-2	2-1	0-3	3-0	1-2	3-0	2-1	1-2	1-2	2-1
Seattle	0-0	0-0	0-0	0-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
Tampa Bay	0-0	0-0	0-0	0-0	2-1	0-0	0-0	1-2	0-0	0-0	0-0	0-0
Texas	0-0	0-3	0-0	0-0	0-0	0-0	2-1	0-0	0-0	0-0	0-0	0-0
Toronto	0-0	0-0	0-0	0-0	0-0	0-0	0-0	2-1	0-0	0-0	0-0	0-0
Washington/MTL	1-2	2-1	2-1	1-1	1-2	2-1	2-1	2-1	2-2	1-2	2-1	2-1

RECORD 38-43 38-42 39-42 39-41 34-47 43-38 37-44 39-42 40-41 40-41 36-45 45-37

	2013	2014	2015	2016	2017	ALL-TIME RECORD
Arizona	1-2	2-1	2-1	3-0	1-2	29-27
Atlanta	3-1	1-2	2-1	3-1	3-0	30-27
Baltimore	0-0	1-1	0-0	0-0	2-0	7-3
Boston	0-0	3-0	0-0	0-0	0-0	7-3 6-3
	0-0	0-0	2-0	0-0	0-0	5-6
Chicago (AL)	7-3	7-3	2-0 4-6	0-0 3-6-1	0-0 4-6	5-6 65-80-1
Chicago (NL) Cincinnati	7-3 5-4	7-3 4-6	4-6	5-5-1	3-6	67-77
Cleveland	0-0	0-0	2-1	0-0	0-0	11-4
Colorado	2-1	3-0	2-1	2-1	2-1	37-23
Detroit	2-0	2-0	1-2	0-2	2-0	14-9
Houston	2-1	0-0	0-0	1-2	0-0	56-49
Kansas City	0-0	0-0	0-0	0-0	0-0	7-2
Los Angeles (AL)	0-0	0-0	0-0	1-2	0-0	3-3
Los Angeles (NL)	2-1	2-1	3-0	3-1	1-3	25-37
Miami	3-0	2-1	3-0	0-3	2-2	32-21
Milwaukee	7-3	4-6	7-3	4-5	7-3	83-63
Minnesota	0-0	0-0	0-2	0-0	0-0	2-6
New York (AL)	0-0	0-0	0-0	0-0	2-1	4-2
New York (NL)	2-1	3-1	3-0	2-1	1-2	30-24
Oakland	1-2	0-0	0-0	0-0	0-0	1-5
Philadelphia	1-2	3-0	3-0	2-1	2-1	35-18
St. Louis	7-3	6-3	6-4	4-5	5-4	65-81
San Diego	1-3	1-2	3-0	2-1	2-1	19-35
San Francisco	2-1	2-1	3-1	1-3	0-3	26-27
Seattle	1-1	0-0	0-0	1-1	0-0	2-5
Tampa Bay	0-0	0-0	0-0	0-0	2-1	5-4
Texas	0-0	0-0	0-0	0-0	0-0	2-4
Toronto	0-0	2-1	0-0	0-0	0-0	4-2
Washington/MTL	1-2	3-1	3-1	1-2	2-1	30-23
RECORD	50-31	51-30	53-28	38-42-1	43-37	703-670-1

RECORD 50-31 51-30 53-28 88-42-1 43-57 703-670-1

One home game vs. STL in 2017 was played in Williamsport, PA, and is not reflected in this PNC Park chart

3.96

	TEARLY BALL	ING &	PITCHING	IUIALS AI	PNC PARK	
YEAR	BATTING AVG. (H/AB)	RUNS	HOME RUNS	W-L	INNINGS (R/ER)	ERA
2001	.256 (683/2670)	342	75	38-43	736.0 (414/379)	4.63
2002	.247 (640/2593)	330	61	38-42	722.0 (389/356)	4.44
2003	.276 (760/2749)	371	81	39-42	747.0 (398/366)	4.41
2004	.263 (701/2670)	330	78	39-41	731.0 (347/309)	3.80
2005	.265 (726/2740)	344	59	34-47	743.0 (390/350)	4.24
2006	.283 (793/2801)	380	70	43-38	755.0 (367/342)	4.08
2007	.272 (741/2721)	373	65	37-44	744.0 (390/376)	4.55
2008	.263 (729/2775)	361	74	39-42	759.0 (405/381)	4.52
2009	.270 (732/2713)	360	75	40-41	742.0 (354/331)	4.01
2010	.254 (667/2629)	333	64	40-41	729.0 (403/368)	4.54
2011	.247 (648/2627)	287	49	36-45	746.0 (360/325)	3.92
2012	.235 (607/2588)	297	67	45-36	733.0 (277/248)	3.05
2013	.248 (666/2686)	309	69	50-31	758.0 (267/246)	2.92
2014	.274 (748/2733)	350	62	51-30	753.0 (299/265)	3.17
2015	.259 (708/2738)	343	72	53-28	769.0 (281/256)	3.00
2016	.270 (724/2681)	359	70	38-42-1	735.1 (387/338)	4.14
2017	.253 (674/2667)	323	72	43-37	739.0 (349/324)	3.95

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5792 One home game vs. STL in 2017 was played in Williamsport, PA, and is not reflected in this PNC Park chart.

ANDREW McCUTCHEN6
RALPH KINER6
WILLIE STARGELL6
ROBERTO CLEMENTE4
RICHIE HEBNER4
STARLING MARTE4
DICK STUART4

.261 (11947/45781)

TOTALS

BOLD INDICATES CURRENT PIRATE	
SEAN RODRIGUEZ	2
JOSH HARRISON	2
CRAIG WILSON	3
PIE TRAYNOR	3
GUS SUHR	3
AL OLIVER	3

12641.1 (6077/5560)

703-670-1

LONGEST HOME RUNS HIT AT PNC PARK

	Team/		Estimated		Team/		Estimated
Name	Opp.	Date	Distance	Name	Opp.	Date	Distance
Sammy Sosa	CHI	4/12/02	484'	7. Lance Berkman	HOU	7/5/02	467'
Pedro Alvarez	CIN	10/4/15	479'	8. Matt Stairs	CHI	9/24/01	465'
Daryle Ward	HOU	7/6/02	479'	9. Sammy Sosa	CHI	7/19/01	464'
Prince Fielder	MIL	5/29/06	471'	10. Garrett Jones	CIN	6/2/13	463'
Pedro Alvarez	STL	8/28/12	469'	Matt Lawton	COL	5/20/05	463'
J.D. Drew	STL	5/17/01	468'				
	Sammy Sosa Pedro Alvarez Daryle Ward Prince Fielder Pedro Alvarez	Name Opp. Sammy Sosa CHI Pedro Alvarez CIN Daryle Ward HOU Prince Fielder MIL Pedro Alvarez STL	Name Opp. Date Sammy Sosa CHI 4/12/02 Pedro Alvarez CIN 10/4/15 Daryle Ward HOU 7/6/02 Prince Fielder MIL 5/29/06 Pedro Alvarez STL 8/28/12	Name Opp. Date Distance Sammy Sosa CHI 4/12/02 484' Pedro Alvarez CIN 10/4/15 479' Daryle Ward HOU 7/6/02 479' Prince Fielder MIL 5/29/06 471' Pedro Alvarez STL 8/28/12 469'	Name Opp. Date Distance Name Sammy Sosa CHI 4/12/02 484' 7. Lance Berkman Pedro Alvarez CIN 10/4/15 479' 8. Matt Stairs Daryle Ward HOU 7/6/02 479' 9. Sammy Sosa Prince Fielder MIL 5/29/06 471' 10. Garrett Jones Pedro Alvarez STL 8/28/12 469' Matt Lawton	Name Opp. Date Distance Name Opp. Sammy Sosa CHI 4/12/02 484' 7. Lance Berkman HOU Pedro Alvarez CIN 10/4/15 479' 8. Matt Stairs CHI Daryle Ward HOU 7/6/02 479' 9. Sammy Sosa CHI Prince Fielder MIL 5/29/06 471' 10. Garrett Jones CIN Pedro Alvarez STL 8/28/12 469' Matt Lawton COL	Name Opp. Date Distance Name Opp. Date Sammy Sosa CHI 4/12/02 484' 7. Lance Berkman HOU 7/5/02 Pedro Alvarez CIN 10/4/15 479' 8. Matt Stairs CHI 9/24/01 Daryle Ward HOU 7/6/02 479' 9. Sammy Sosa CHI 7/19/01 Prince Fielder MIL 5/29/06 471' 10. Garrett Jones CIN 6/2/13 Pedro Alvarez STL 8/28/12 469' Matt Lawton COL 5/20/05

BOLD DENOTES HIT AS A PIRATE

TOTAL HOME RUNS HIT 2329	HIT TO LEFT FIELD681
TOTAL GAMES PLAYED1374	HIT TO LEFT-CENTER220
OPPONENTS1166	HIT TO CENTER FIELD498
PIRATES 1163	HIT TO RIGHT-CENTER311
	HIT TO RIGHT FIELD619
SOLO	IN THE RIVER (on a bounce) 43
THREE-RUN255	IN THE RIVER (on a fly)3
GRAND SLAM48	INSIDE-THE-PARK4

YEARLY TOTALS						
20011	50 :	2010130				
20021	48	2011115				
2003	161	2012 125				
2004	135	2013106				
20051	40	2014118				
20061	134	2015130				
2007	141	2016148				
2008	153	2017 152				
20091	43					

HOME RUNS THAT HAVE REACHED THE RIVER

A total of 31 different players have hit a home run into the Allegheny River (bold denotes ball landed on a fly):

	DATE	PLAYER	TEAM	DISTANCE	INFORMATION ON WHERE THE BALL LANDED
1.	4/18/01	Lance Berkman	Houston	428'	hit the slope leading down to the river
2.	5/4/01	Todd Helton	Colorado	443'	bounced off lower Riverwalk
3.	5/17/01	J.D. Drew	St. Louis	468'	bounced off lower Riverwalk
4.	9/24/01	Matt Stairs	Chicago	465'	bounced off lower Riverwalk
5.	5/26/02	Jim Edmonds	St. Louis	438'	bounced off upper walk way (RCF) and rolled down slope
6.	6/23/02	Rob Mackowiak	Pittsburgh	424'	bounced off upper walk way and lower Riverwalk
7.	7/6/02	Daryle Ward	Houston	479'	landed in river in Right Field (between 1st & 2nd towers)
8.	9/18/02	Ken Griffey, Jr.	Cincinnati	442'	bounced off upper walk way (RCF) and rolled down slope
9.	4/16/03	Mo Vaughn	New York	441'	bounced off lower Riverwalk
10.	4/17/03	Jeromy Burnitz	New York	459'	bounced off upper walk way (RCF) and rolled down slope
11.	7/21/03	Matt Stairs	Pittsburgh	461'	bounced off upper walk way (RCF) and rolled down slope
12.	9/15/03	Matt Stairs	Pittsburgh	419'	landed in bushes on slope leading down to the river
13.	5/20/05	Matt Lawton	Pittsburgh	463'	bounced off lower Riverwalk
14.	6/5/05	Matt Lawton	Pittsburgh	438'	hit the slope leading down to the river
15.	6/22/05	Rob Mackowiak	Pittsburgh	460'	hit the slope leading down to the river between first two towers
16.		Ryan Doumit	Pittsburgh	457'	hit the slope leading down to the river (game 1)
17.	9/7/05	Daryle Ward	Pittsburgh	439'	landed in tree near lower Riverwalk and rolled into river
18.	5/29/06	Prince Fielder	Milwaukee	471'	bounced off lower Riverwalk between 1st and 2nd towers
19.	6/29/06	Jim Thome	Chicago (AL)	432'	bounced on upper walk way and lower Riverwalk
	7/2/06	Carlos Guillen	Detroit	449'	bounced off lower Riverwalk
21.	5/1/07	Cliff Floyd	Chicago (NL)	451'	bounced off lower Riverwalk
22.	9/10/07	Nate McLouth	Pittsburgh	431'	bounced off upper walk way (maybe one of the letters in PNC Park)
23.	7/28/08	Nate McLouth	Pittsburgh	448'	landed in tree near lower Riverwalk and bounced into river
24.	4/20/09	Nate McLouth	Pittsburgh	433'	bounced off upper walk way (RCF) and rolled down slope
25.	5/15/09	Colby Rasmus	St. Louis	458'	bounced off upper walk way (RCF) and lower Riverwalk
26.	6/23/09	Adam LaRoche	Pittsburgh	454'	bounced off upper walk way (RCF) and rolled down slope
27.	7/17/09	Garrett Jones		461'	bounced off upper walk way (RCF) and lower Riverwalk
28.	4/5/10		Pittsburgh	456'	
_	8/2/11	Garrett Jones	Pittsburgh		hit the slope leading down to the river
29.		Tyler Colvin	Chicago	451'	bounced off lower Riverwalk
30.	8/16/11	Garrett Jones	Pittsburgh	440'	bounced off back wall of upper walk way
31.	5/16/13	Travis Snider	Pittsburgh	458'	bounced off upper walk way in RCF and rolled down slope
32.	5/17/13	Pedro Alvarez	Pittsburgh	462'	bounced off lower Riverwalk between 2nd & 3rd towers
	6/2/13	Garrett Jones	Pittsburgh	463'	landed in river in RF (between 4th & 5th towers)
34.	6/29/13	Pedro Alvarez	Pittsburgh	445'	landed in tree near lower Riverwalk and rolled into river
35.	8/18/14	Neil Walker	Pittsburgh	432'	bounced off back wall of upper walk way
36.	5/19/15	Pedro Alvarez	Pittsburgh	461'	landed in a boat docked between 4th tower and foul pole
37.	7/24/15	Pedro Alvarez	Pittsburgh	460'	bounced off lower Riverwalk between 1st & 2nd towers
38.	9/30/15 (1)	Matt Carpenter	St. Louis	435'	hit the slope leading down to the river
39.	5/1/16	Gregory Polanco	Pittsburgh	419'	bounced off the slop leading down to the river
40.	9/6/16	Matt Adams	St. Louis	436'	bounced off slope leading down to river (between 2nd & 3rd towers)
41.	5/5/17	Josh Bell	Pittsburgh	400'	bounced off upper walk way in RCF and rolled down slope
42.	7/18/17	Travis Shaw	Milwaukee	427'	bounced off upper walk way in RCF and rolled down slope
43.	8/4/17	Gregory Polanco	Pittsburgh	434'	bounced off lower Riverwalk between 4th & 5th towers
44.	8/18/17	Max Moroff	Pittsburgh	420'	hit the slope leading down to the river
45.	8/24/17	Curtis Granderson	New York (NL)	401'	bounced off upper walk way between 4th & 5th towers
46.	9/27/17	Josh Bell	Pittsburgh	405'	bounced off upper walk way and rolled down slope

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PITTSBURGH'S HOMETOWN SPORTS STATION

OPS

BASEBALL

HISTORY

BROADCASTING INFORMATION

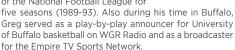
GREG BROWN /-BY-PLAY ANNOUNCER

Greg Brown is in his 25th year as a radio and television play-by-play announcer with the Pirates. Only Bob Prince (28 years) and Lanny Frattare (33 years) have called more games than Brown, who has described the action of more than 3,750 games in his career behind the mic.

Known for his outgoing personality and passion for the ballclub. Brown has made the phrase "Raise The Jolly Roger" synonymous with a Pirates victory and "Clear The Deck, Cannonball Coming" his signature home run call.

Greg's association with the Pirates began in 1979, when he interned in the Promotions department while attending Point Park College. Following the World Series that year. Brown worked as the clubhouse manager during the Instructional League program in Bradenton, Florida. His 10-year stint in the Bucs front office included work in the Sales, Public Relations and Broadcasting departments. Greg also served as the team's public address announcer during the 1987 campaign. In 1988, he was a sports anchor on WFMJ-TV in Youngstown, OH.

Prior to joining Pittsburgh's broadcast team in 1994, Brown spent five seasons (1989-1993) doing play-byplay and color commentary for the Buffalo Bisons of the American Association (now International League) as well as hosting a sportstalk show on WGR Radio. He also worked as a color analyst and a pre- and postgame show host for the Buffalo Bills of the National Football League for



Brown's dedication for the Pirates extends to his efforts away from the broadcast booth as well. In addition to various off-season appearances in the community and his work on the annual Pirates caravan and PirateFest events. Greg spearheaded the "Gloves for Kids" program, which raised money for much-needed equipment and gloves for youth baseball and softball organizations in underserved areas around the Pittsburgh area. During the course of the season, Brown teams up with broadcast partner Steve Blass and hosts several pre-game receptions for members of the 65 Roses Club, which is part of the Cystic Fibrosis Foundation.

Brown is a native of Washington, D.C. He currently resides in Leet Township with his wife Kim and son Ryan

JOE BLOCK

BY-PLAY ANNOUNCER

Joe Block is in his third season of calling Pirates playby-play action, having joined the TV and radio broadcast teams in January 2016.

Currently in his seventh season of calling MLB playby-play, the 40-year-old Block worked alongside Bob Uecker in the Milwaukee Brewers' radio booth from 2012-2015 prior to joining the Pirates. He climbed the ladder through the minor league ranks, working for teams in Charleston, SC, St. Paul, MN, Jacksonville, FL, Great Falls, MT and Billings, MT.

Block hosted radio shows for the Los Angeles Dodgers and the New Orleans Hornets in the NBA. He also handled

play-by-play for select games during the Expos' final two seasons in Montreal (2003-2004).

On television, Block called major college basketball and football play-by-play for a decade on regional networks Comcast Sports Southeast, ESPN Regional and Cox Sports TV.

Block is a native of Roseville, Michigan, and graduated from Michigan State University. He and his wife Bethany, a Nurse Practitioner, reside in Bethel Park with daughters Nancy (2) and Mary Claire (9/30/17).





Lanny Frattare (1976-2008)	33 years
STEVE BLASS (1986-2017)	32 years
Bob Prince (1948-1975)	28 years
GREG BROWN (1994-2017)	24 years
BOB WALK (1994-2017)	24 years
Rosev Rowswell (1936-1954)	19 years

STEVE BLASS

The 2018 season marks Steve Blass' 59th year of involvement with the Pirates and his 33rd behind the microphone as a color commentator. He has been associated with the club since signing his first professional contract on June 27. 1960.

In addition to working the games played at PNC Park, Steve will periodically take a road trip with the team. He will continue in his role as an analyst on both radio and TV. Only Lanny Frattare (33 years) has spent more years behind the Pirates microphone than Blass (32 years).

A right-handed pitcher, Blass made his professional debut with Kingsport in 1960 and his Major League debut with the Bucs on May 10, 1964. He joined the big league team permanently in 1966 and went on to pitch a total of 10 seasons in the Majors, compiling a 103-76 record, 57 complete games and 16 shutouts in 282 games (231 starts). Steve ranks seventh on the club's all-time list in strikeouts (896).

In his third full season in the Majors in 1968, Steve went 18-6, leading the league with a .750 winning percentage while posting a 2.12 ERA, 12 complete games and a career-high seven shutouts. His 2.12 ERA ranked fifth in the N.L. as St. Louis' Bob Gibson led the circuit with a 1.12 ERA.

During a five-year span from 1968 thru 1972, Blass was

one of the best pitchers in the National League as he compiled a 78-44 record, 50 complete games and a 3.05 ERA. He won a careerhigh 19 games in 1972 and was named to the National League All-Star team that season.

In the 1971 World Series against the Baltimore Orioles, Blass recorded two complete game victories, allowing only seven hits and two runs in 18 innings of work. He finished second in the voting for World Series MVP behind teammate Roberto Clemente and remains the

last National League pitcher to throw a complete game in Game Seven of a World Series.

After retiring following the 1974 season, Blass remained in the Pittsburgh area and worked in private business, while continuing to do community service for the ballclub.

In 1983, he worked with the legendary Hall of Fame broadcaster Bob Prince on Pirate cable telecasts and was also retained the following year when the cable rights were secured by Home Sports Entertainment. Blass officially joined the Pittsburgh Pirates radio broadcast crew in 1986.

A native of Canaan, CT, Steve and his wife Karen live in Pittsburgh. They have two sons, David and Christopher, five grandchildren and one great grandchild. In 2002, Steve became the 13th recipient of the "Pride of the Pirates" award, a yearly honor (since 1990) which recognizes a member of the Pirates family who has demonstrated the qualities of sportsmanship, dedication and outstanding character during

a lifetime of service.

It should be noted that on September 10, 2009, Steve defied the astronomical odds and recorded a pair of holes-inone in the same round of golf. According to Golf Digest, the odds of a golfer making two aces in the same round are one in 67 million.



	STEVE BLASS' MAJOR LEAGUE PITCHING STATISTICS													
YEAR	CLUB	W-L	ERA	G	GS	CG	sно	sv	IP	н	R	ER	ВВ	so
1964	Pittsburgh	5-8	4.04	24	13	3	1	0	104.2	107	52	47	45	67
1966	Pittsburgh	11-7	3.87	34	25	1	0	0	155.2	173	80	67	46	76
1967	Pittsburgh	6-8	3.55	32	16	2	0	0	126.2	126	65	50	47	72
1968	Pittsburgh	18-6	2.12	33	31	12	7	0	220.1	191	64	52	57	132
1969	Pittsburgh	16-10	4.46	38	32	9	0	2	210.0	207	119	104	86	147
1970	Pittsburgh	10-12	3.52	31	31	6	1	0	196.2	187	92	77	73	120
1971	Pittsburgh	15-8	2.85	33	33	12	5	0	240.0	226	81	76	68	136
1972	Pittsburgh	19-8	2.49	33	32	11	2	0	249.2	227	80	69	84	117
1973	Pittsburgh	3-9	9.85	23	18	1	0	0	88.2	109	98	97	84	27
1974	Pittsburgh	0-0	9.00	1	0	0	0	0	5.0	5	8	5	7	2
M.L. To	otals	103-76	3.63	282	231	57	16	2	1597.1	1558	739	644	597	896
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2017 REVIEW

BOB WALK

Bob Walk is in his 25th season as a member of the Pirates broadcast crew. He joins Greg Brown as being one of only five men with at least 20 years of service behind the microphone for the Bucs on radio.

The former right-handed pitcher spent 10 of his 14 years pitching in the Major Leagues with Pittsburgh (1984-1993). He compiled a 105-81 lifetime record, which included an 82-61 mark with the Pirates.

Walk's professional career began with Spartanburg in 1977 after he was drafted by the Philadelphia Phillies in the 3rd round of the 1976 June draft. He made his big league debut with the Phillies in 1980 and was the starting pitcher in Game One of the World Series that October against Kansas City.

In the spring of 1981, Walk was dealt to the Atlanta Braves for outfielder Gary Matthews. He spent three seasons in the Atlanta organization before being acquired by Pittsburgh in 1984.

Bob was a 1988 National

League All-Star and he posted six straight winning seasons from 1987 to 1992. One of his finest moments in a Pirates uniform came in 1992 when he pitched a 7-1, complete-game victory over the Atlanta Braves in Game Five of the National League Championship Series.

Walk, a native of Newhall, CA, resides in Wexford with his wife Lorrie. They have three sons; Tommy (38), Johnny (36) and Ronny (28). Tommy and his wife, Dominique, are the proud parents of daughters Makayla (15) and Kylie (12). Johnny and his wife, Nikki, have one son; Jake (3).

	BOB WALK'S MAJOR LEAGUE PITCHING STATISTICS													
YEAR	CLUB	W-L	ERA	G	GS	CG	sно	sv	IP	н	R	ER	ВВ	so
1980	Philadelphia	11-7	4.57	27	27	2	0	0	151.2	163	82	77	71	94
1981	Atlanta	1-4	4.57	12	8	0	0	0	43.1	41	25	22	23	16
1982	Atlanta	11-9	4.87	32	27	3	1	0	164.1	179	101	89	59	84
1983	Atlanta	0-0	7.36	1	1	0	0	0	3.2	7	3	3	2	4
1984	Pittsburgh	1-1	2.61	2	2	0	0	0	10.1	8	5	3	4	10
1985	Pittsburgh	2-3	3.68	9	9	1	1	0	58.2	60	27	24	18	40
1986	Pittsburgh	7-8	3.75	44	15	1	1	2	141.2	129	66	59	64	78
1987	Pittsburgh	8-2	3.31	39	12	1	1	0	117.0	107	52	43	51	78
1988	Pittsburgh	12-10	2.71	32	32	1	1	0	212.2	183	75	64	65	81
1989	Pittsburgh	13-10	4.41	33	31	2	0	0	196.0	208	106	96	65	83
1990	Pittsburgh	7-5	3.75	26	24	1	1	1	129.2	136	59	54	36	73
1991	Pittsburgh	9-2	3.60	25	20	0	0	0	115.0	104	53	46	35	67
1992	Pittsburgh	10-6	3.20	36	19	1	0	2	135.0	132	54	48	43	60
1993	Pittsburgh	13-14	5.68	32	32	3	0	0	187.0	214	121	118	70	80
M.L. To	tals	105-81	4.03	350	259	16	6	5	1666.0	1671	829	746	606	848

2018 PITTSBURGH PIRATES RADIO NETWORK AFFILIATES

PENNSYLVANIA

ALTOONA	WVAM 1430
AMBRIDGE	WMBA 1460
BEAVER FALLS	WBVP 1230
BRADFORD	WESB 1490
BUTLER	WISR 680
COUDERSPORT	WFRM 600
DUBOIS	WCED 1420
ERIE	WJET 1400
FRANKLIN	WFRA 1450

HERMITAGE	WLLF 96.7 FN
INDIANA	WCCS 1160
JOHNSTOWN	WNTJ 850
LATROBE	WCNS 1480
MEADVILLE	WMGW 1490
NEW CASTLE	WJST 1280
PITTSBURGH	KDKA 93.7 FN
PUNXSUTAWNEY	WECZ 1540
RIDGWAY	WDDH 97.5 FN

WNTI 990
E WQWK 1450
WTIV 1230
WTRN 1340
WMBS 590 & 101.1 FM
WNAE 1310 & 102.7 FM
WJPA 1450
T WLYC 92.7 FM

OHIO

YOUNGSTOWN......WBBW 1240

WEST VIRGINIA

CHARLESTON	WKAZ 680
CLARKSBURG	WETT 104.1 FM
FAIRMONT	WMMN 920
KEYSER	WKLP 1390
MORGANTOWN	WAJR 1440
NEW MARTINSVILLE	WETZ 1330
ST. MARY'S	WJAW 630

WEIRTON	WEIR 1430
WHEELING	WBBD 1400

MARYLAND

CUMBERLAND WCBC 1270

all AM stations unless noted

JOHN WEHNER

Pittsburgh native John Wehner is in his 14th season as a member of the Pirates broadcast team, having joined the crew prior to the 2005 season. He serves as an analyst on both radio and TV, working all road games and a handful of games played at PNC Park in Pittsburgh.

Entering the 2018 campaign, John has spent a total of 27 seasons in the Pittsburgh organization (1988-1996, 1999-2001 and 2003-2016). Prior to being named to the broadcast team, John spent time as a coach with the Double-A Altoona Curve (2003-2004) after serving the Pirates as a special instructor during spring training in 2002.

John saw his last action in the Major Leagues with the Pirates in 2001. He hit the last home run in the history of Three Rivers Stadium on October 1, 2000 off Chicago's Jon Lieber and also

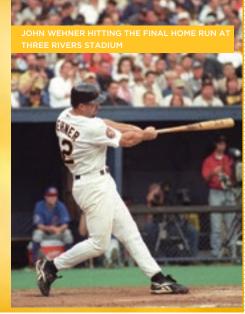
made the final out. In 11 seasons in the Major Leagues, John compiled a .249 batting average, hit four

home runs and collected 54 RBI in 461 games. In addition, he shares the Major League record of playing 99 consecutive errorless games at third base (also Jeff Cirillo).

Wehner is a graduate of Pittsburgh's Carrick High School and attended Indiana University, where he played baseball for three years. He resides in Cranberry Township, PA, with his wife Brandie and has five children; sons Tyler (26) and Brandon (24) and daughters Hailey (19), Brooke (17) and Hannah (15).

YEAR CLUB AVG G AB R H 2B 3B HR RBI SH SF HP BB SO SB CS															Е			
IEAR	CLOB	AVG	_										пР				CS	-
1991	Pittsburgh	.340	37	106	15	36	7	0	0	7	0	0	0	7	17	3	0	6
1992	Pittsburgh	.179	55	123	11	22	6	0	0	4	2	0	0	12	22	3	0	4
1993	Pittsburgh	.143	29	35	3	5	0	0	0	0	2	0	0	6	10	0	0	0
1994	Pittsburgh	.250	2	4	1	1	1	0	0	3	0	0	0	0	1	0	0	0
1995	Pittsburgh	.308	52	107	13	33	0	3	0	5	4	2	0	10	17	3	1	0
1996	Pittsburgh	.259	86	139	19	36	9	1	2	13	2	0	0	8	22	1	5	2
1997	Florida	.278	44	36	8	10	2	0	0	2	1	0	1	2	5	1	0	0
1998	Florida	.227	53	88	10	20	2	0	0	5	0	1	0	7	12	1	0	0
1999	Pittsburgh	.185	39	65	6	12	2	0	1	4	3	0	0	7	12	1	0	1
2000	Pittsburgh	.300	21	50	10	15	3	0	1	9	1	0	0	4	6	0	0	1
2001	Pittsburgh	.196	43	51	3	10	1	0	0	2	1	0	0	10	12	2	1	1
M.L. To	tals	.249	461	804	99	200	33	4	4	54	16	3	1	73	136	15	7	15





2017

ALL-TIME BROADCASTING TEAMS

1934Radio: KQV -- Jimmy Murray
WWSW -- Walter E. Sickles

William Walter

1935Radio: KQV -- Pat Patterson

WWSW -- unknown

1936 Radio: KQV -- Tony Wakeman WJAS -- Regis Welsh WWSW -- Jack Craddock

1937 Radio: KQV -- Jimmy Dudley WJAS -- Rosey Rowswell WWSW -- Claude Haring

Radio: KDKA -- Rosey Rowswell WWSW -- Rosey Rowswell

1939 Radio: KDKA -- Rosey Rowswell WWSW -- Rosey Rowswell



Rosey Rowswell: Pirates Broadcaster 1937-1954

1940
Radio: KDKA -- Rosey Rowswell, Jack Craddock
WWSW -- Rosey Rowswell. Jack Craddock

1941 Radio: KDKA -- Rosey Rowswell, Jack Craddock WWSW -- Rosey Rowswell, Jack Craddock

1942 Radio: WWSW -- Rosey Rowswell, Jack Craddock

Radio: WWSW -- Rosey Rowswell, Jack Craddock

1944Radio: WWSW -- Rosey Rowswell, Jack Craddock

1945Radio: WWSW -- Rosey Rowswell, Jack Craddock

1946 Radio: WWSW -- F

: WWSW -- Rosey Rowswell, Jack Craddock

1947

Radio: WWSW -- Rosey Rowswell, Jack Craddock

1948

Radio: WWSW -- Rosey Rowswell, Bob Prince

1949

Radio: WWSW -- Rosev Rowswell. Bob Prince

1950

Radio: WWSW -- Rosey Rowswell, Bob Prince

1951

Radio: WWSW -- Rosev Rowswell. Bob Prince

1952

Radio: WWSW -- Rosey Rowswell, Bob Prince

1953

Radio: WWSW -- Rosey Rowswell, Bob Prince
TV: WENS-TV -- Rosey Rowswell, Bob Prince
(4 games on experimental basis)

1954

Radio: WWSW -- Rosey Rowswell, Bob Prince TV: WENS-TV -- Rosey Rowswell, Bob Prince

1955

Radio: WWSW -- Bob Prince, Dick Bingham TV: WENS-TV - Bob Prince

1956

Radio: WWSW -- Bob Prince, Dick Bingham, Joe Tucker TV: KDKA-TV -- Bob Prince, Dick Bingham

1957

Radio: KDKA -- Bob Prince, Dick Bingham, Paul Long TV: KDKA-TV -- Bob Prince

TV:

Radio: KDKA -- Bob Prince, Jim Woods, Paul Long TV: KDKA-TV -- Bob Prince

1959

Radio: KDKA -- Bob Prince, Jim Woods, Paul Long
TV: KDKA-TV -- Bob Prince. Jim Woods

1960

Radio: KDKA -- Bob Prince, Jim Woods, Paul Long TV: KDKA-TV -- Bob Prince, Jim Woods

1961

Radio: KDKA -- Bob Prince, Jim Woods, Paul Long TV: KDKA-TV -- Bob Prince, Jim Woods

1962

Radio: KDKA -- Bob Prince, Jim Woods, Paul Long
TV: KDKA-TV -- Bob Prince. Jim Woods

1963 KDKA -- Bob Prince, Jim Woods, Claude Haring Radio: TV: KDKA-TV -- Bob Prince, Jim Woods, Claude Haring

1964

KDKA -- Bob Prince, Jim Woods, Claude Haring Radio: TV: KDKA-TV -- Bob Prince. Jim Woods

1965

Radio: KDKA -- Bob Prince, Jim Woods, Don Hoak TV: KDKA-TV -- Bob Prince, Jim Woods

1966

Radio: KDKA -- Bob Prince, Jim Woods, Don Hoak TV: KDKA-TV -- Bob Prince, Jim Woods, Don Hoak

1967

Radio: KDKA -- Bob Prince, Jim Woods, Nellie King KDKA-TV -- Bob Prince. Jim Woods. Nellie King TV:

1968

Radio: KDKA -- Bob Prince, Jim Woods, Nellie King TV: KDKA-TV -- Bob Prince, Jim Woods, Nellie King

1969

Radio: KDKA -- Bob Prince, Jim Woods, Nellie King TV: KDKA-TV -- Bob Prince, Jim Woods, Nellie King

1970

Radio: KDKA -- Bob Prince, Gene Osborn, Nellie King TV: KDKA-TV -- Bob Prince, Gene Osborn, Nellie King

1971

Radio: KDKA -- Bob Prince, Nellie King TV: KDKA-TV -- Bob Prince, Nellie King

(joined by a various third announcer in road cities)

1972

Radio: KDKA -- Bob Prince, Nellie King

TV: KDKA-TV -- Bob Prince, Nellie King, John Fitzpatrick

1973

Radio: KDKA -- Bob Prince, Nellie King TV: KDKA-TV -- Bob Prince, Nellie King

1974

KDKA -- Bob Prince, Nellie King Radio: TV: KDKA-TV -- Bob Prince, Nellie King

1975

Radio: KDKA -- Bob Prince, Nellie King TV: KDKA-TV -- Bob Prince, Nellie King

1976

Radio: KDKA -- Milo Hamilton, Lanny Frattare TV: KDKA-TV -- Milo Hamilton, Lanny Frattare

1977

Radio: KDKA -- Milo Hamilton, Lanny Frattare KDKA-TV -- Milo Hamilton, Lanny Frattare TV:

1978

Radio: KDKA -- Milo Hamilton, Lanny Frattare TV: KDKA-TV -- Milo Hamilton, Lanny Frattare 1979

KDKA -- Milo Hamilton, Lanny Frattare Radio:

TV: KDKA-TV -- Milo Hamilton, Lanny Frattare, Nellie Briles

1980

Radio: KDKA -- Dave Martin, Lanny Frattare TV:

KDKA-TV -- Dave Martin, Lanny Frattare, Nellie Briles

1981

Radio: KDKA -- Lanny Frattare, Jim Rooker

TV: KDKA-TV -- Lanny Frattare, John Sanders, Jim Rooker

Cable: Action-TV -- Bob Prince, Ray Scott

(only one game was televised)

1982

Radio: KDKA -- Lanny Frattare, Jim Rooker

TV: KDKA-TV -- Lanny Frattare, John Sanders, Jim Rooker Cable:

Action-TV -- Bob Prince, Steve Blass, Dave Giusti

1983 Radio:

KDKA -- Lanny Frattare, Jim Rooker

TV: KDKA-TV -- Lanny Frattare, John Sanders, Jim Rooker Cable: TCS-TCI -- Bob Prince, Steve Blass, Willie Stargell

1984

Radio: KDKA -- Lanny Frattare, Jim Rooker

TV: KDKA-TV -- Lanny Frattare, John Sanders, Jim Rooker Cable: Home Sports Entertainment -- Prince, Blass, Stargell

1985

KDKA -- Lanny Frattare, Bob Prince, Jim Rooker Radio: (Prince broadcast only three radio games) TV: KDKA-TV -- Lanny Frattare, John Sanders, Jim Rooker



1985: Bob Prince's Final Game

1986

Radio: KDKA -- Lanny Frattare. Jim Rooker TV: KDKA-TV -- John Sanders, Alan Cutler, Steve Blass

Cable: Pirates Cable Network/KBL -- Mike Lange, Blass, Greg Brown

1987

KDKA -- Lanny Frattare, Jim Rooker Radio: TV: KDKA-TV -- John Sanders, Steve Blass Cable: KBL -- Mike Lange, Steve Blass

1988

Radio: KDKA -- Lanny Frattare, Jim Rooker, John Sanders, Steve Blass

TV: KDKA-TV -- Frattare, Rooker, Sanders, Blass Cable: KBL -- Frattare, Rooker, Sanders, Blass

1989

Radio: KDKA -- Frattare Rooker Sanders Blass TV: KDKA-TV -- Frattare, Rooker, Sanders, Blass Cable: KBL -- Frattare, Rooker, Sanders, Blass

BASEBALL

1990 2005 Radio: Radio: KDKA -- Lanny Frattare, Greg Brown, Steve Blass, KDKA -- Lanny Frattare, Jim Rooker, Kent Derdivanis, Steve Blass TV: KDKA-TV -- Frattare, Rooker, Derdivanis, Blass TV: Cable: KBL -- Frattare, Rooker, Derdivanis, Blass 1991 KDKA -- Frattare, Rooker, Derdivanis, Blass Radio: TV. KDKA-TV -- Frattare, Rooker, Derdivanis, Blass KBL -- Frattare, Rooker, Derdivanis, Blass Cable: 1992 KDKA -- Frattare, Rooker, Derdivanis, Blass Radio: TV: KDKA-TV -- Frattare, Rooker, Derdivanis, Blass Cable: KBL -- Frattare, Rooker, Derdivanis, Blass 1993 Radio: KDKA -- Frattare, Rooker, Derdivanis, Blass TV: KDKA-TV --Frattare, Rooker, Derdivanis, Blass KBL -- Frattare, Rooker, Derdivanis, Blass Cable: 2006 1994 Radio: Radio: KDKA -- Lanny Frattare, Greg Brown, Steve Blass, Bob Walk TV: TV: KDKA-TV -- Frattare, Brown, Blass, Walk KBL -- Frattare, Brown, Blass, Walk Cable: 2007 Radio: 1995 TV: Radio: KDKA -- Frattare, Brown, Blass, Walk TV: WPXI-TV -- Frattare, Brown, Blass, Walk 2008 Cable: KBL -- Frattare, Brown, Blass, Walk Radio: 1996 TV: Radio: KDKA -- Frattare, Brown, Blass, Walk 2009 TV: WPXI-TV -- Frattare, Brown, Blass, Walk Cable: Prime Sports -- Frattare, Brown, Blass, Walk Radio: TV: 1997 KDKA -- Frattare, Brown, Blass, Walk 2010 Radio: Radio: TV: WPGH-TV, WPTT-TV -- Brown, Blass, Walk TV: Cable: Fox Sports Pittsburgh -- Brown, Blass, Walk 2011 1998 Radio: Radio: KDKA -- Frattare, Brown, Blass, Walk TV: WPGH-TV. WPTT-TV -- Frattare, Brown, Blass, Walk TV: Cable: Fox Sports Pittsburgh -- Frattare, Brown, Blass, Walk 2012 1999 Radio: Radio: KDKA -- Frattare, Brown, Blass, Walk TV: TV: WPGH-TV, WPTT-TV -- Frattare, Brown, Blass, Walk 2013 Cable: Fox Sports Pittsburgh -- Frattare, Brown, Blass, Walk Radio: TV: 2000 Radio: KDKA -- Frattare, Brown, Blass, Walk TV: WPGH-TV, WPTT-TV -- Frattare, Brown, Blass, Walk 2014 Cable: Fox Sports Net -- Frattare, Brown, Blass, Walk Radio: TV: 2001 2015 Radio: KDKA -- Frattare, Brown, Blass, Walk Radio: TV: WCWB-TV -- Frattare, Brown, Blass, Walk TV: Cable: Fox Sports Net -- Frattare, Brown, Blass, Walk 2002 2016 Radio: Radio: KDKA -- Frattare, Brown, Blass, Walk TV: TV: WCWB-TV -- Frattare, Brown, Blass, Walk

> 2018 Radio:

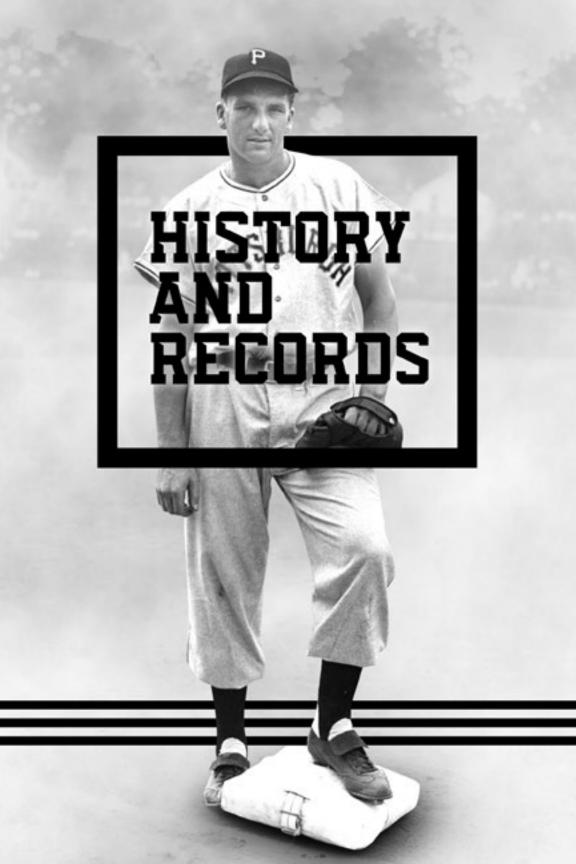
TV:

Fox Sports Pittsburgh -- Frattare, Brown, Blass, Walk Cable: 2003 KDKA -- Frattare, Brown, Blass, Walk Radio: TV: Fox Sports Net Pittsburgh -- Frattare, Brown, Blass, Walk 2004 KDKA -- Frattare, Brown, Blass, Walk Radio: TV: Fox Sports Net -- Frattare, Brown, Blass, Walk



93.7 The Fan -- Brown, Block, Blass, Walk, Wehner

AT&T Sports Net -- Brown, Block, Blass, Walk, Wehner



REVIEW

TEAM HISTORY



THE EARLY YEARS

Now in their 132nd National League season, the Pittsburgh Pirates own a history filled with World Championships, legendary players and some of baseball's most dramatic games and moments

The Pirates' roots in Pittsburgh actually date back to April 15, 1876, when the Pittsburgh Alleghenys brought professional baseball to the city by playing their first game at Union Park. In 1877, the Alleghenys were accepted into the minor-league International Association, but disbanded the following year.

Baseball returned to Pittsburgh for good in 1882 when the Alleghenys reformed and joined the American Association, a rival of the National League. After the 1886 season, the Kansas City franchise was expelled from the N.L. and Pittsburgh President William A. Nimmick's application for membership was accepted.

On April 30, 1887, the Alleghenys defeated the defending league-champion Chicago White Stockings, 6-2, before a crowd of nearly 10,000 at Recreation Park. The victorious beginning was not an indication of things to come, however, as the team managed to finish higher than fifth only once in the 13 remaining seasons of the century. In 1890, the Alleghenys' roster was demolished when key players jumped to a new rival to the National League — the Players League. They staggered to a club-record 113 losses as the two leagues engaged in a bitter battle over talent.

When the Players League folded after only one season, all players were expected to return to the clubs they played for in 1889. But in 1891 Pittsburgh signed Louis Bierbauer, a second baseman with Brooklyn of the Players League who had spent the previous four seasons with the Philadelphia Athletics. The A's and their American Association brethren immediately accused Pittsburgh of "pirating" Bierbauer away from them. Pittsburgh kept the player and the nickname and became known as the Pirates thereafter.

The fortunes of the Pirates turned in 1900 when the National League reduced its membership from 12 to eight teams. As part of the move, Barney Dreyfuss, owner of the defunct Louisville club, acquired controlling interest of the Pirates. In the largest player transaction in Pirates history, the Hall-of-Fame owner brought 14 players with him from the Louisville roster, including Hall of Famers Honus Wagner, Fred Clarke and Rube Waddell — plus standouts Deacon Phillippe, Chief Zimmer, Claude Ritchey and Tommy Leach. All would play significant roles as the Pirates became the league's dominant franchise, winning pennants in 1901, 1902 and 1903 and a World championship in 1909

Wagner, dubbed "The Flying Dutchman," was the game's premier player during the decade, winning seven batting titles and leading the majors in hits (1,850) and RBI (956) from 1900-1909. One of the pioneers of the game, Dreyfuss is sometimes called "The Father of the World Series" because he challenged Henry Killilea, the owner of the American League champion Boston Americans, to a post-season playoff in 1903 to determine who was baseball's best team. On October 1, 1903, Phillippe defeated the legendary Cy Young, 7-3, in the first World Series game ever played. Boston, however, later emerged as the Series winner, overcoming a three-games-to-one deficit to win the best-of-nine competition, five games to three. In the Series, Phillippe started five of the games.

The Pirates finished as runner-up three times in the next five years before getting another shot at a World Series title in 1909. The Bucs won a club-record 110 games that year with three pitchers — Howie Camnitz (25), Vic Willis (22) and Lefty Leifield (19) combining for 66 victories. The Series pitted the league's batting champions — Wagner and Detroit's Ty Cobb against each other, but rookie pitcher Babe Adams, who was 12-3 during the regular season, emerged as the Series hero for the Pirates.

While Camnitz, Willis and Leifield failed to win a game, Adams won three, including a six-hit shutout in the seventh and deciding game. It was the last of four titles the Pirates would win under Clarke, who managed the club until 1915.

PIRATES STADIUM HISTORY





Lloyd Waner, Babe Ruth, Paul Waner, Lou Gehrig prior to the 1927 WS

THE FORBES FIELD YEARS

The 1909 season also marked the beginning of a new era in ballparks as the Pirates christened Forbes Field on June 30 that year. Since 1891, the Pirates had called Exposition Park — which was located on virtually the same site as Three Rivers Stadium — their home. Described as the "Hialeah of Ballparks" when it opened, Forbes Field would remain the home of the Pirates for six decades and would host many great moments.

Pittsburgh sank to the league's second division for most of the next decade, but by the early 1920's — with an influx of outstanding talent which included future Hall of Famers Pie Traynor, Kiki Cuyler, Rabbit Maranville and Max Carey — Pittsburgh was again a contender. After three straight third-place finishes from 1922 to 1924, the Pirates won the N.L. title by eight and a half games over the second-place New York Giants in 1925.

The Series matched Pittsburgh against the Washington Senators, who jumped out to a three-games-to-one lead. The Pirates, however, bounced back to win the final three games and the Series. Their miraculous comeback included a 15-hit pounding of Hall of Famer Walter "Big Train" Johnson in Game Seven.

In 1926, a rookie named Paul Waner joined the Bucs and batted .336. A year later, his brother Lloyd joined him and belted out 223 hits for a club rookie record .355 average and the Pirates were again National League champions. Paul, who was nicknamed "Big Poison" — batted .300 or better 14 times, captured three batting titles and collected 200 or more hits in eight different seasons. He was named the league's Most Valuable Player in 1927 and went on to compile 3,152 hits and a .333 career batting average. Lloyd — who was tagged "Little Poison" — hit .300 or better in 10 of his first 12 seasons, compiled a career mark of .316 and accumulated 2,450 hits. Both were elected to the Hall of Fame.

The 1927 World Series featured the Pirates against New York's famed "Murderer's Row" with Babe Ruth and Lou Gehrig, who swept Pittsburgh in four straight games. The next 33 years, Pirate fans went without a pennant winner, although they were not denied their share of great players and great moments.

The Waners were consistently among baseball's premier hitters during the 1930's with Paul amassing more hits (1,959) during the decade than any player in baseball. Traynor was one of the era's best all-around players and is generally regarded as one of the finest third basemen ever to play the game. Shortstop Arky Vaughan topped the .300-mark in each of his 10 seasons with the Pirates (1932-1941) and his .385 average in 1935 has gone unequalled by any National League performer. He, too, is enshrined at Cooperstown.

Hall of Famer Ralph Kiner won or shared the N.L. home run title in each of the seven seasons that he wore a Pirates uniform (1946-52) — which is a streak that has never been matched in either league. In 1956, Pirate first baseman Dale Long hit home runs in a record eight straight games between May 19th and May 28th (that mark was matched by Don Mattingly in 1987 and Ken Griffey Jr. in 1993). Three years later, Harvey Haddix hurled what many consider the greatest game ever pitched when he retired 36 straight Milwaukee Braves hitters over 12 innings on May 26, 1959. The same year, ElRoy Face won 17 straight games in relief.

Though the Pirates failed to finish higher than seventh from 1950 through 1957, the foundation for another championship was being put into place. Standout players were added throughout the decade, including 2001 Hall-of-Fame inductee Bill Mazeroski, Dick Groat, Vernon Law, Bob Friend, Bill Virdon, Face and Hall-of-Fame right fielder Roberto Clemente.

In 1956, Pirate owner John Galbreath hired Joe L. Brown as general manager. With the club languishing in last place at 36-67 midway through the 1957 campaign, Brown promoted coach Danny Murtaugh to field manager. Within three seasons, the Bucs were again champions of the National League and again matched against the powerful New York Yankees in the World Series. This time the Bronx Bombers featured Mickey Mantle and Roger Maris.

The 1960 World Series remains one of the most incredible post-season encounters ever on record. The Yankees won Game Two, Game Three and Game Six by a combined score of 38-3, but the Pirates used great pitching, defense and timely hitting to stretch the Series to a seventh game at Forbes Field. Pittsburgh took a 9-7 lead into the ninth — thanks to Hal Smith's three-run homer in the eighth — but the Yankees came up with two runs in the top of the ninth to tie the score. The game and the Series ended, however, in the bottom of the ninth as Mazeroski belted what is perhaps the most dramatic home run in baseball history off Ralph Terry. Mazeroski was the only player in baseball history ever to end a World Series with a home run until Joe Carter of Toronto accomplished the feat in Game Six of the 1993 Fall Classic.

During the 1960's, Clemente established himself among the game's elite players. He collected more hits (1,877) than anyone during the decade and would go on to reach the 3,000-hit plateau in 1972. During his marvelous career, he topped the .300 mark 13 times, won four batting titles and was named the National League's Most Valuable Player in 1966.

PIRATES LOGO HISTORY

















1503

1925

1940

1960

1971

1987

1997

CURRENT



Willie Stargell

THE THREE RIVERS YEARS

The changing of the decade also brought along a change to the home ballpark of the Pirates. After playing in cavernous Forbes Field since June 30, 1909, the Bucs began play at a multi-purpose stadium located at the confluence of Pittsburgh's three rivers. The aptly named Three Rivers Stadium played host to its first game on July 16, 1970, with the Pirates losing a 3-2 decision to the Reds.

During the 1970's, the Pirates were again among baseball's premier teams. In that 10-year span, they won six division titles and finished as low as third only once. In the first 25 years of divisional play, the Bucs won more games (2,100) and finished first more often (nine times) than any other N.L. East club. The Pirates put together a 2,100-1,878 record during that period (.528 winning %).

The Pirates captured two more World Championships during the 1970's. Their 1971 victory over Baltimore was a showcase for Clemente, who batted .414 and received the Series MVP award.

In 1979, the Pirates became only the fourth team in history to erase a three-games-to-one deficit when they again bested the Orioles in seven games. Hall of Famer Willie Stargell took home MVP honors — as he did during the regular season — with a .400 batting average, three home runs (including the Series' deciding blow in Game Seven) and seven RBI.

It was a fitting conclusion to the decade for Stargell, who was the leading home run hitter of the 1970's (296). While the Pirates brought two world championships back to Pittsburgh during the 1970s, the Pittsburgh Steelers also came to prominence. The Steelers won four Super Bowls during the 70s, which, coupled with the Pirates success, helped garner Pittsburgh the "City of Champions" label.

On October 2, 1985, the Galbreath family and Warner Communications sold the club to Pittsburgh Associates; a group of private investors who were committed to keeping the team in Pittsburgh.

Pittsburgh Associates was made up of 10 investors representing six corporations, three individuals and Carnegie Mellon University. The group included the Aluminum Company of America, Mellon Bank, PNC Financial Corporation, PPG Industries, USX Corporation, Westinghouse Electric Company, Eugene and Raymond Litman, John McConnell and Harvey M. Walken.

After several lean years in the mid-eighties, the Pirates returned to contention in 1988 when they finished in second place and broke the club's 28-year-old attendance mark.

With players like Barry Bonds, Doug Drabek, Bobby Bonilla and Andy Van Slyke, Pittsburgh started the decade of the 1990's in fine fashion, winning the N.L. East title three straight years. The Bucs became the first team to win three straight division titles since the Philadelphia Phillies accomplished the feat between 1976 and 1978. Bonds captured MVP honors in 1990 and 1992, while Drabek won the Cy Young award in '90. Manager Jim Leyland took home N.L. Manager-of-the-Year honors in both 1990 and 1992. In his 11 seasons at the helm, Leyland won 849 games, placing him third on the club's All-Time Managerial win list.

Pittsburgh was on the brink of a World Series berth in both the 1991 and 1992 season, but the Pirates lost the seventh and deciding game each year to the Atlanta Braves. In 1992, Pittsburgh came within three outs of the Fall Classic. But in the bottom of the ninth inning at Atlanta's Fulton County Stadium, the Braves triumphed with three runs and won the game 3-2 and the series, four-games-to-three.

The people of Pittsburgh and the surrounding Tri-State area responded well to the club's success in the nineties as the Pirates drew in excess of two million fans in both 1990 and 1991.

A crowd of 59,568, the largest ever to watch a professional baseball game in Pittsburgh, witnessed the 65th Major League Baseball All-Star Game, played at Three Rivers Stadium on July 12, 1994. In one of the most thrilling All-Star Games ever to be played, the National League prevailed over the American League in extra frames. Fred McGriff helped send the game into extra innings when he delivered a two-run, pinchhit home run off Lee Smith in the bottom of the ninth inning that tied the score. After the American League failed to score in the top of the 10th inning, the National League broke its six-game losing streak when Tony Gwynn scored on a double by Moises Alou.

A new chapter of Pirate history began on February 14, 1996, when Kevin McClatchy and his group of investors purchased the storied franchise from Pittsburgh Associates.



Clemente







Danny Murtaugh



Ricardo Rincon & Francisco Cordova after their combined 10-inning no-hitter in 1997



Picked by many publications to finish last in 1997, the Pirates remained in the division race until the final weekend of the season and the club was named USA Today's "Organization of the Year" at the conclusion of the season. Major League Baseball also underwent a change in 1997 with the birth of Interleague play. That season, the Pirates welcomed the Kansas City Royals to Three Rivers Stadium on June 13 for the club's first interleague matchup, which Pittsburgh won by a second of E.T.

While the Bucs contended for the division during the entire 1997 season, one of the most memorable moments of the season came on July 12. That night, pitchers Francisco Cordova and Ricardo Rincon thrilled Pirates fans with the only combined, extra-inning no-hitter in major league history. The game ended in the bottom of the 10th inning when Mark Smith delivered a three-run home run for the 3-0 win.

The 2000 season brought an end to a full century of great moments, a 100-year period which began with three straight National League pennants and ended with an aura of hope and dreams of more championships to come. With a new home on the horizon, the Bucs said goodbye to Three Rivers Stadium with their final game ever played there on October 1, 2000. Three no-hitters, Clemente's 3000th hit, two All-Star Games, countless playoff games, two World Championships and endless summer evenings can be associated with no other place in the history of Pittsburgh than Three Rivers Stadium.

The Pirates closed out their 30-year tenure at Three Rivers Stadium with a 10-9 loss to the Chicago Cubs in the final game of what was the club's home since 1970. Pittsburgh native John Wehner smacked the final home run in the history of the ballpark off Chicago's Jon Lieber. Ironically, Wehner also grounded out to third base for the final out ever at Three Rivers. With the loss, Pittsburgh closed out Three Rivers Stadium with a record of 1,324 wins and 1,082 losses.

In the early morning of February 11, 2001, Pittsburgh bid farewell to Three Rivers when the home of the Pirates and Steelers was imploded.

MISCELLANEOUS PIRATE FIRSTS

FIRST N.L. GAME

April 30, 1887 (at PIT)
Pittsburgh 6, Chicago 2

FIRST GAME AT FORBES FIELD

June 30, 1909 Chicago 3, Pittsburgh 2

FIRST GAME AT THREE RIVERS STADIUM

July 16, 1970 Cincinnati 3, Pittsburgh 2

FIRST GAME AT PNC PARK

April 9, 2001 Cincinnati 8, Pittsburgh 2

FIRST SUNDAY GAME AT PITTSBURGH

April 29, 1934 Pittsburgh 9, Cincinnati 5

FIRST NIGHT GAME

May 31, 1935 (at CIN) Pittsburgh 4, Ci<u>ncinnati 1</u>

FIRST NIGHT GAME AT PITTSBURGH

June 4, 1940 Pittsburgh 14, Boston 2

FIRST NIGHT OPENER*

April 18, 1950 (at STL) St. Louis 4, Pittsburgh 2

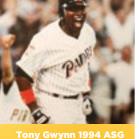
FIRST NIGHT OPENER AT PITTSBURGH

April 12, 1985 Pittsburgh 6, St. Louis 4

FIRST INTERLEAGUE GAME

June 13, 1997 Pittsburgh 5, Kansas City 3

*First Night Opener in major league history





Barry Bonds

FIRST NIGHT GAME in the History of the World Series



THE PNC PARK YEARS



PNC Park officially opened its gates on April 9, 2001. Regarded by many as the best ballpark ever built, PNC Park is an intimate two-level structure which offers all fans dramatic views of the downtown skyline as well as the natural grass playing surface. After touring all 30 major league ballparks during the summer of 2003, ESPN.com ranked PNC Park as the best in baseball.

The anticipation and joy of a new ballpark turned to sorrow, when on the morning of the first regular season game at PNC Park, a beloved member of the Pirates family was lost when Willie Stargell passed away on April 9, 2001.

Despite suffering 100 losses for just the seventh time in club history in 2001, fans came out in record numbers as the Bucs played in front of 19 sellouts and a total of 2,436,139 customers during the inaugural season at PNC Park.

On June 25, 2002, the Pirates registered the 9,000th win in the history of the franchise with a 4-1 victory over the Montreal Expos, thus becoming just the fourth club to produce 9,000 wins

The Pirates have had a long list of sluggers in their history and Brian Giles added his name to that list during his five seasons in a Bucco uniform. He hit 30 or more home runs in each of his first four seasons with the club, just one of three Pirates to hit 30 or more long balls in four consecutive years (also Hall-of-Famers Ralph Kiner and Willie Stargell). His 165 home runs with Pittsburgh rank seventh in club history.

Catcher Jason Kendall spent each of his first nine big league seasons in a Pittsburgh uniform after being selected in the first round of the 1992 June draft. In that time, he made 1,205 appearances behind the plate. That figure ranks first all-time in the annals of the club, 50 games ahead of George Gibson, who caught for the Bucs from 1906 thru 1915. Kendall surpassed Gibson's 90-year-old record in Los Angeles on August 3, 2004.

For the first time in team history a Pittsburgh player captured Rookie-of-the-Year honors as outfielder Jason Bay took home the honors in 2004. A two-time National League All-Star, Bay was a fan favorite at the 2006 All-Star Game in Pittsburgh.

The national spotlight shined once again on the city of Pittsburgh during the 2006 season as the Major League Baseball All-Star Game was played at PNC Park, marking the fifth time the event has been held in the Steel City. The American League won a dramatic 3-2 decision in the Midsummer Classic as the Pirates became the first team in baseball history to host the All-Star Game in three different venues.

Also in 2006, Freddy Sanchez added his name to the club's record list of 25 batting champions as his .344 average led the National League. Sanchez banged out 200 hits in 2006 and led the N.L. with 53 doubles while being named to his first of two All-Star teams.

On January 18, 2007, Bob Nutting officially assumed control of the ballclub, thus becoming only the sixth principal owner in the Pirates storied history. Following a deep look into the team's operations, Nutting has built a fundamentally different organization by introducing Frank Coonelly as the team's new president on September 13, 2007 and, in-turn, Neal Huntington as the team's new general manager on September 25, 2007. From there the new leadership team has made significant changes to each of the three major areas – Major League manager/coaching staff, Scouting Director and Farm Director, with the goal of building an organization that can consistently compete.

Since 2009, fans have witnessed the debuts of many firstround draft picks, including Andrew McCutchen, Pedro Alvarez, Neil Walker, Gerrit Cole and Jameson Taillon along with appearances of many other young players, including Starling Marte, Gregory Polanco and Josh Bell.

Clint Hurdle was named manager of the Pirates on November 15, 2010, and in his first seven seasons at the helm, the inspirational leader of the club has posted a 584-549-1 record while leading the Bucs to the postseason three times.

During the 2012 campaign, Bucco fans showed their great support of the club as the Pirates played host to 17 sellouts during the season.

McCutchen also emerged as one of the best players in the game, winning a Gold Glove and Silver Slugger award in 2012 while finishing third in the National League MVP voting.

In 2013 the Pirates returned to prominence in the league as they won 94 regular season games and appeared in the postseason for the first time since 1992.

The Pirates placed five players on the 2013 All-Star team - the most since also having five selected to the 1972 Midsummer Classic. Along with McCutchen, Pedro Alvarez, Jason Grilli, Jeff Locke and Mark Melancon represented the Bucs at the 2013 All-Star Game, played at Citi Field in New York.



2013 Wild Card Champions

Led by 16-game winner and the National League Comeback Player-of-the-Year Francisco Liriano, the Bucco pitching staff posted 16 shutouts in 2013 and ranked third in the N.L. with a 3.26 ERA; the best mark by the pitching staff since 1984. Grilli (33) and Melancon (16) picked up 49 of the club-record and National League leading 55 saves.

The offense was led by McCutchen, who took home N.L. MVP honors in 2013 after hitting .317 with 97 runs, 38 doubles, 21 home runs, 84 RBI and 27 stolen bases in 157 games. McCutchen became the sixth player in club history to win the MVP award, joining Dick Groat (1960), Roberto Clemente (1966), Dave Parker (1978), Willie Stargell (1979) and Barry Bonds (1990, 1992).

Silver Slugger award winner Pedro Alvarez shared the league lead in home runs in 2013, as the young slugger smacked 36 long balls to become the first Bucco to lead or share the N.L. lead in homers since Willie Stargell did so with 44 in 1973.

After winning 94 games during the 2013 regular season and finishing second in the N.L. Central division standings, the Pirates defeated the Reds in the Wild Card playoff game, played before a sold out crowd at PNC Park on October 1.

The Pirates had a two-games-to-one lead in the best of five Division Series playoff against the Cardinals, but dropped the final two games to bring an end to their magical 2013 campaign.

The Pirates produced a record 23 sellouts during the 2013 regular season before playing in front of three standing-room only crowds in the postseason.

Clint Hurdle also took home some hardware following the 2013 season as he was named the N.L. Manager-of-the Year; just the second Bucco skipper to win the award.

The Pirates reached the postseason again in 2014 while drawing 2,442,564 fans and averaging 30,155 for their 81 home dates. In addition, the Bucs posted 23 regular season sellouts for the second consecutive year.

With a combination of the second-best OBP in the National League (.333) and a pitching staff that posted the secondlowest ERA (2.94) over the final two months of the season, the Pirates won 88 games in 2014, finishing 2.0 games behind St. Louis in the Central division race.

Josh Harrison finished second in the N.L. batting race while Andrew McCutchen once again put up MVP-type numbers, leading the Pirates to the postseason in back-to-back seasons for just the sixth time in franchise history.

The final game of the 2014 season was played on October 1 as a standing-room only crowd of 40,629 watched eventual World Series MVP Madison Bumgarner shut down the Bucs in



2015: Single-season attendance record: 2,498,596

the Wild Card Game as the Giants began their run toward the championship.

For the sixth time in franchise history, and for the first time since 1991, the Pirates won 98 games in a season as the 2015 squad posted a 98-64 record.

The Pirates also established a club-record attendance figure in 2015, drawing 2,498,596 fans and averaging 30,847 fans for their 81 home dates. The Bucs went 53-28 at home, setting a record for most wins in a season at PNC Park.

During the 2015 campaign, Pittsburgh posted its 10,000th franchise win on September 24, becoming the fifth club to record as many victories.

For the third straight year the Pirates hosted the N.L. Wild Card Game in 2015, making the postseason three consecutive years for just the fourth time in team history.

Mark Melancon set a club record and led the Major Leagues with 51 saves in 2015. In addition, Gerrit Cole won 19 games, Starling Marte captured a Gold Glove Award for his fielding excellence and Korean import Jung Ho Kang was a finalist for N.L. Rookieof-the-Year.

In addition to their countless community endeavors, which was highlighted by Andrew McCutchen winning the 2015 Roberto Clemente Award, the Pirates have produced the fourth-highest win total in the National League over the last seven seasons (584).

The 2017 season saw the emergence of another young talented player as Josh Bell set a National League record for most home runs hit by a switch-hitting rookie (26).

Embarking on their 132nd season since joining the National League in 1887, the Pirates continue to establish themselves as one of the top teams in Major League Baseball, both on and off the field.

HOSTING THE ALL-STAR GAME

The Pirates have hosted the MLB All-Star Game five times since it's inception in 1933.

1944



WINNER: NATIONAL 1959



WINNER:

1974



WINNER: NATIONAL 1994



WINNER:



2006

WINNER:

2017 REVIEW

UNIFORM HISTORY



























1900-1910

The jersey of this period was short-sleeved with no trim except for a dark blue collar. Stockings were dark blue with red stripes and the cap was blue witha white "P". A "PBC" monogram signifying Pittsburgh Baseball Club was also added to the left sleeve later in the decade.



1910-1920

The regular collar was replaced by the short, stand-up "cadet" style with a button collar. Pinstriped material was also introduced. As the team nickname became more accepted, "Pirates" was displayed in capital letters down the button lapel (1912). The cadet-style collar soon gave way to a tapered collar extension, but the button lapel remained solid dark blue with white buttons and a "P-P" straddling the top button (1913-14). Later in this decade, the cap had piping and also included a "P" in white or red.

1921-1932

Standard white uniforms were worn at home and gray on the road with simple graphics and solid colors. The 1925 & '27 championship teams wore the standard capital "P" on its sleeves but not on the jersey. A red "P" was also placed on the solid blue cap.

1938-1939

The name "Pirates" appeared on the jersey in script lettering with underline flourish.



1933-1937

The Pirate uniforms brightened up considerably with added colors, trim features and graphics. The name "Pirates" was placed across the jersey in an arc of fancy red and blue capital letters. Solid blue belts were included and piping trim on the uniforms included blue and red.

1940-1941

The uniform abandons the traditional "P" or "Pirates" for an emblem of an actual buccaneer. The patch was placed on the left breast of both the home and road jerseys. This was the first time an emblem of the team's nickname was ever worn on a game jersey.



1940-1944

A zipper front replaced the button-down jersey.

1942-1947

Team adds an arc "Pirates" (home) and "Pittsburgh" (away).

1948

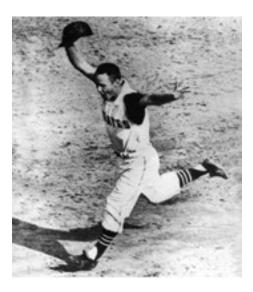
The team replaced the traditional blue and red with the present day black and gold. The script "Pirates" and "Pittsburgh" was replaced with the block lettering that you still see today. The cap became solid black with a gold "P."

1954

The word "Pittsburgh" is removed from the road jersey, and replaced with "Pirates."

1957

The Pirates became the second team to begin wearing sleeveless jerseys.



1976

The Pirates, as well as other clubs, commemorate the National League's centennial by wearing the old striped, pill-box style caps. The Bucs wore yellow caps with a black bill and black stripes.

1977-1979

Abandoned were the traditional white and gray uniforms in exchange for combinations of white, gold, black and pinstriping. The caps became black with yellow stripes. Players' last names appear on the back of the jerseys for the first time.



1962

Numbers were introduced on the front of the home and road jerseys and have been there ever since.

1970

The Pirates became the first major league club to adopt the new double-knit fabric uniforms, which they debuted at the first game at the new Three Rivers Stadium in July. The jersey became a pullover with no button or zipper. The pants contained a built-in sash belt. The cap crown was mustard yellow with a black bill. Within two years, nearly every other club was wearing a double-knit uniform.



1985

The Pirates returned to the basic white and gray uniform.

1987

The Pirates replaced the striped cap in favor of the traditional standard black round crown type.

1990

A script "Pittsburgh" is added to the gray road uniform for the first time since 1952.



1995

The Pirates return to button-down jerseys and belted pants.

1996

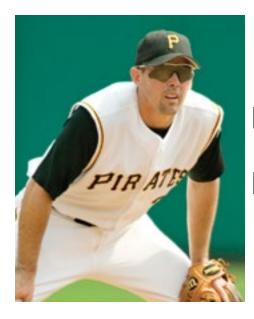
That change lasted only one year, as the Pirates return the names to the back of the jerseys.

1997

The organization introduces a complete new look by wearing an alternate home jersey as well as bringing the color "red" back into the uniform for the first time since 1946.

2001

With the opening of PNC Park, the club enters a "New Era of Baseball." The team re-introduces the sleeveless jersey as part of both the home and road uniform. The Pirates also become the first team ever to wear a cap with a red underbill (cap worn with the alternate home jersey only).



2005

The Pirates re-introduce pinstripes to the uniform. The alternate uniforms are worn on Sunday home games.

2007

The club introduces a red, sleeveless jersey to be worn on selected home dates.

2009

The Pirates re-introduce sleeves to their home and road jerseys and added a black alternate jersey. The sleeveless pinstriped jersey are worn on Sundays through the end of 2010.

2013

The club introduces an alternate uniform mustard gold cap which was worn on Sunday home games throughout the season. The pullover style jersey was similar to the one from the early 1970's. The front of the jersey featured black "Pirates" lettering outlined in mustard gold on the chest, as well as the player's number below the lettering on the left hand side of the jersey. The players' names were added to the back of the jerseys to go along with their number, as opposed to the 1970 jerseys that did not feature the names. These jerseys were worn through the end of 2015.



2015

The club introduces camouflage jerseys to be worn on selected home dates.

2016

The Pirates introduce a gold jersey/black pant uniform combination to be worn on Sunday home games. The club also will wear a pill-box style cap with the uniform



Baseball uniform illustrations from 1900-1994 are from Marc Okkonen's Baseball Uniforms of the 20th Century; from 1995-today are courtesy of Major League Baseball Properties

HALL OF FAMERS



HONUS WAGNER

INAUGURAL CLASS 1936

POSITION: SS | YEARS WITH PIRATES: 1900-1917

LIFETIME STATISTICS

 Avg.
 G
 AB
 R
 H
 2B
 3B
 HR
 RBI
 SB

 .329
 2789
 10428
 1741
 3430
 651
 252
 101
 1732
 724



FRED CLARKE

INDUCTED: 1945

POSITION: OF | **YEARS WITH PIRATES:** 1900-1911, 1913-1915

LIFETIME STATISTICS

 Avg.
 G
 AB
 R
 H
 2B
 3B
 HR
 RBI
 SB

 315
 2238
 8585
 1620
 2703
 358
 219
 67
 1015
 527



PIE TRAYNOR

INDUCTED: 1948

POSITION: 3B | YEARS WITH PIRATES: 1920-1935, 1937

LIFETIME STATISTICS

 Avg. G
 AB
 R
 H
 2B
 3B
 HR
 RBI
 SB

 .320
 1941
 7558
 1184
 2416
 371
 163
 58
 1277
 158



PAUL WANER

INDUCTED: 1952

POSITION: OF | YEARS WITH PIRATES: 1926-1940

LIFETIME STATISTICS

 Avg.
 G
 AB
 R
 H
 2B
 3B
 HR
 RBI
 SB

 .333
 2550
 9460
 1627
 3152
 606
 191
 113
 1314
 104



MAX CAREY

INDUCTED: 1961

POSITION: OF | YEARS WITH PIRATES: 1910-1926

LIFETIME STATISTICS

 Avg.
 G
 AB
 R
 H
 2B
 3B
 HR
 RBI
 SB

 .285
 2466
 9363
 1545
 2667
 419
 159
 70
 437
 740



LLOYD WANES

INDUCTED: 1967

POSITION: OF | **YEARS WITH PIRATES:** 1927-1941, 1944-1945

LIFETIME STATISTICS

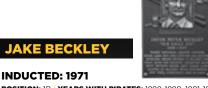
 Avg.
 G
 AB
 R
 H
 2B
 3B
 HR
 RBI
 SB

 .316
 1993
 7771
 1201
 2459
 280
 118
 27
 596
 67

A total of 42 former players, managers and executives in the National Baseball Hall of Fame spent some of their professional careers with the Pittsburgh Pirates. Thirteen of those 42 spent the majority of their careers with the Pirates.

GENERAL

JAKE BECKLEY



POSITION: 1B | **YEARS WITH PIRATES:** 1888-1889, 1891-1896

LIFETIME STATISTICS

Avg.	G	AB	R	н	2B	3B	HR	RBI	SB
.309	2376	9476	1600	2930	455	246	87		335



INDUCTED: 1973

POSITION: OF | YEARS WITH PIRATES: 1955-1972

LIFETIME STATISTICS

HR .317 2433 9454 1416 3000 440 1305 83



RALPH KINER

INDUCTED: 1975

POSITION: OF YEARS WITH PIRATES: 1946-1953

LIFETIME STATISTICS

Avg.	G	AB	R	н	2B	3B	HR	RBI	SB
.279	1472	5205	971	1451	216	39	369	1015	22



INDUCTED: 1985

POSITION: SS | YEARS WITH PIRATES: 1932-1941

LIFETIME STATISTICS

Avg.	G	AB	R	н	2B	3B	HR	RBI	SB
.318	1817	6622	1175	2103	356	128	96	926	118



WILLIE STARGELL

INDUCTED: 1988

POSITION: OF | YEARS WITH PIRATES: 1962-1982

LIFETIME STATISTICS

Avg.	G	AB	R	н	2B	3B	HR	RBI	SB
.282	2360	7927	1195	2232	423	55	475	1540	17



INDUCTED: 2001

POSITION: 2B YEARS WITH PIRATES: 1956-1972

LIFETIME STATISTICS

Avg. G	AB	ĸ	н	28	38	HK	KBI	28
.260 216	3 7755	768	2016	294	62	138	853	27



INDUCTED: 2008

POSITION: FRONT OFFICE EXEC | YEARS WITH PIRATES: 1900-1932

LIFETIME STATISTICS

NOTES:

Considered the "Father of the World Series"...Spent 43 years in baseball... Pirates first owner.



2017 REVIEW

PIRATES HALL OF FAMERS

FIVE OR MORE SEASONS WITH PIRATES

	Year		Years			L	ifetime St	tatistics					
Player I	nducted	Pos.	w/ Pirates	Avg.	G	AB	R	Н	2B	3B	HR	RBI	SB
Honus Wagner	1936	SS	1900-1917	.329	2785	10427	1740	3430	651	252	101	1732	722
Fred Clarke	1945	OF	1900-1915	.315	2204	8584	1620	2703	358	219	65	1015	527
Pie Traynor	1948	3B	1920-1937	.320	1941	7559	1183	2416	371	164	58	1273	158
Paul Waner	1952	OF	1926-1940	.333	2549	9459	1626	3152	603	190	112	1309	104
Max Carey	1961	OF	1910-1926	.285	2466	9363	1545	2665	419	159	69	797	738
Lloyd Waner	1967	OF	1927-1941	.316	1993	7772	1201	2459	281	118	28	598	67
Kiki Cuyler	1968	OF	1921-1927	.321	1879	7161	1305	2299	394	158	157	1065	328
Jake Beckley	1971	1B	1888-89, 91-96	.309	2376	9476	1601	2930	455	246	87		335
Roberto Clemente	1973	OF	1955-1972	.317	2433	9454	1416	3000	440	166	240	1305	83
Ralph Kiner	1975	OF	1946-1953	.279	1472	5205	971	1451	216	39	369	1015	22
Arky Vaughan	1985	SS	1932-1941	.318	1817	6622	1173	2103	356	128	96	926	118
Willie Stargell	1988	OF/1B	1962-1982	.282	2360	7927	1195	2232	423	55	475	1540	17
Bill Mazeroski	2001	2B	1956-1972	.260	2163	7755	769	2016	294	62	138	853	27

		ONE	OR MORE G	AMES PL	LAYED \	WITH PIR	RATES (position	players)			
Player I	Year nducted	Pos.	Years w/ Pirates	Avg.	G	AB	ifetime St R	atistics H	2B	3B	HR	RBI	SB
			,										
Rabbit Maranville	1954	SS	1921-1924	.258	2670	10078	1255	2605	380	177	28	580	291
Joe Cronin	1956	SS	1926-1927	.301	2124	7579	1233	2285	515	118	170	1424	87
Hank Greenberg	1956	1B	1947	.313	1394	5193	1051	1628	379	71	331	1276	58
Heinie Manush	1964	OF	1938-1939	.330	2008	7654	1288	2524	491	160	110	1183	114
Joe Kelley	1971	OF	1891-1892	.321	1835	6989	1425	2245	353	189	65		440
George Kelly	1973	1B	1917	.297	1622	5993	819	1778	337	76	148	999	65
Billy Herman	1975	2B	1947	.304	1922	7707	1163	2345	486	82	47	839	67
Fred Lindstrom	1976	3B	1933-1934	.311	1438	5611	895	1747	301	81	103	779	84
Chuck Klein	1980	OF	1939	.320	1753	6486	1168	2076	398	74	300	1201	79
Deacon White	2013	3B	1889	.312	1560	6624	1140	2067	270	98	24	988	70

			ONE OR MORE	SAMES	PLAYED	WITH P	IRATE	S (pitcl	ners)				
	Year		Years				ifetime :						
Pitcher	Inducted	Pos.	w/ Pirates	Wins	Losses	PCT	ERA	G	SHO	IP	Н	BB	SO
Jack Chesbro	1946	RHP	1899-1902	198	132	.600		392	35	2898	2647	690	1265
Rube Waddell	1946	LHP	1900-1901	193	143	.574		407	50	2963	2460	803	2316
Dazzy Vance	1955	RHP	1915	197	140	.585	3.24	442	29	2967	2809	840	2045
Burleigh Grimes	1964	RHP	1916-17, 28-29, 34	270	212	.560	3.53	617	35	4181	4412	1295	1512
Pud Galvin	1965	RHP	1887-89, 91-92	361	302	.544		697	57	5941	6352	744	1799
Waite Hoyt	1969	RHP	1933-1937	237	182	.566	3.59	674	26	3763	4037	1003	1206
Vic Willis	1995	RHP	1906-1909	249	207	.546		513	50	3997	3621	1212	1651
Jim Bunning	1996	RHP	1968-1969	224	184	.549	3.27	591	40	3759	3433	1000	2855
Rich Gossage	2008	RHP	1977	124	107	.537	3.01	1002	310 sv	1809.1	1497	732	1502
Bert Blyleven	2011	RHP	1978-1980	287	250	.534	3.31	692	60	4970	4632	1322	3701

				NON	I-PLAYERS
Manager	Year Inducted	Years w/ Pirates	Wins	Losses	Notes
Connie Mack	1937	1894-1896	3776	4025	Began 53-year managerial career with Pirates.
Frankie Frisch	1947	1940-1946	539	528	In HOF as second basemanManaged Pirates for seven years.
Bill McKechnie	1962	1922-1926	409	293	Five winning seasonsWorld Series Championship in 1925.
Casey Stengel	1966	1918-1919	1926	1867	In HOF as ManagerWas outfielder with Pirates for two years.
Al Lopez	1977	1940-1946	1422	1026	In HOF as ManagerWas catcher with Pirates for seven years.
Ned Hanlon	1996	1889, 1891	1314	1164	Was third Manager in team history.
Billy Southworth	2008	1918-1920	1044	704	In HOF as ManagerWas a coach with Pirates for three years.
Front Office	Year Inducted	Years w/ Pirates	Note	S	
Branch Rickey	1967	1951-1955	Gene	eral Manage	rPioneered utilization of baseball statistics while GM with Brooklyn.
Barney Dreyfuss	2008	1900-1932	Cons	idered the "I	Father of the World Series"Spent 43 years in baseballPirates first owner.

GENERAL

2017

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NATIONAL BASEBALL HALL OF FAME AND MUSEUM

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HALL OF FAME WEEKEND 2018: July 27-30

Class of 2018: Vladimir Guerrero, Trevor Hoffman, Chipper Jones, Jack Morris, Jim Thome, Alan Trammell Awards: Sat. July 28, 4:30 p.m. ET, Doubleday Field Induction: Sun. July 29, 1:30 p.m. ET. Clark Sports Center

HALL OF FAME CLASSIC 2018: May 25-27

Legends Game and Special Events Game: Sat. May 26, Doubleday Field

PIRATES IN THE HALL OF FAME

A total of 42 former players, managers and executives in the Hall of Fame spent some of their professional careers with the Pittsburgh Pirates, including 2013 Pre-Integration Era Inductee Deacon White, who played for the Pittsburgh Alleghenys in 1889. Thirteen of the other 41 spent the majority of their careers with the Pirates, including Jake Beckley, Max Carey, Fred Clarke, Roberto Clemente, Barney Dreyfuss, Ralph Kiner, Bill Mazeroski, Willie Stargell, Pie Traynor, Arky Vaughan, Honus Wagner, Lloyd Waner and Paul Waner. For a complete list of Pittsburgh Pirates in the Hall of Fame, visit the "Hall of Famers" team pages at www.baseballhall.org.

NOTABLE PIRATES ARTIFACTS IN COOPERSTOWN

- · Caps worn by Dovydas Neverauskas and Gift Ngoepe in 2017 when they became the first players from Lithuania and continental Africa, respectively, to appear in MLB games.
- Bat used by John Jaso when he hit for the cycle against the Cubs on Sept. 28, 2016.
- Sliding mitt used by Starling Marte in 2016.
- Cap worn by Gerrit Cole on Sept. 9, 2013 when he won the game that clinched the Pirates' 82nd win of the season to guarantee a winning record.
- Jersey worn by All-Star Andrew McCutchen during the 2012 season.
- Jersey worn by Freddy Sanchez when he collected 6 hits on May 25, 2009, the Pirates first six-hit game in 19 years.
- Stars & stripes cap worn by Nate McLouth on Sept. 11, 2008, as a league-wide gesture to commemorate the anniversary of 9/11.
- Catcher's gear used by Jason Kendall during the 2004 season.
- Caps worn by Francisco Cordova and Ricardo Rincon in their combined 10-inning no-hitter on July 12, 1997.
- Pill box cap with "Stargell Stars" which were handed out by Willie Stargell toteammates for on-field achievements, a practice Stargell started during the team's World Championship season in 1979.
- Ball from John Candelaria's no-hitter on Aug. 9, 1976.
- Bat used by Rennie Stennett to collect seven hits in a doubleheader on Sept. 16, 1975.
- Uniform patch worn by the Pirates to honor Roberto Clemente following his death.
- Bat used by Hall of Famer Bill Mazeroski to hit the World Series-winning home run against the Yankees in 1960.
- Bat used by Hall of Famer Pie Traynor in the 1925 World Series against the Washington Senators.
- Cap, jersey and spikes worn by Hall of Fame shortstop Honus Wagner.

A LOOK AHEAD TO 2019

Ballots for the 2019 Hall of Fame/BBWAA election will be distributed following the 2018 season with results from the voting scheduled to be announced in January 2019. A partial list of first-year candidates for election includes: Roy Halladay, Todd Helton, Andy Pettitte and Mariano Rivera. Historical information on past BBWAA elections and the election process can be accessed at www.baseballhall.org or by contacting the Hall of Fame Communications department.

CONNECT TO COOPERSTOWN

- For up-to-the-minute news from Cooperstown, visit at www.baseballhall.org. Stay up-to-date on all the activity at the Hall of Fame's official site and through social networking on Facebook, Instagram, Twitter and YouTube.
- If you would like to receive interesting stories and timely news items direct from the Hall of Fame and get the inside track on the latest happenings in Cooperstown, sign up for Inside Pitch. There's no cost to receive our weekly electronic newsletter in your e-mail box at home or work and it's easy to enroll: Just log on to www.baseballhall.org/support.
- If you have an interest in receiving Around The Horn, the Hall's monthly media newsletter, please send an e-mail to info@baseballhall.org. Be sure to include your name, name of organization and e-mail address. Or visit www.baseballhall.org/media-info.

RESEARCH ASSISTANCE

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For more information, visit baseballhall.org



Cap worn by Dovydas Neverauskas on April 24, 2017.

RETIRED UNIFORM NUMBERS



BILLY MEYER

MANAGER • NUMBER RETIRED 1954

Born January 14, 1892 in Knoxville, TN, died March 31, 1957 in Knoxville. Threw and batted righthanded. A catcher with the White Sox and Athletics (1913, 1916-17), Meyer won eight pennants as a manager of minor league clubs from 1926 through 1947 before becoming Pirates manager in 1948. Known for his rapport with players, fans and the press, Meyer managed in Pittsburgh for five seasons, compiling a record of 317-452. He was The Sporting News Manager-of-the-Year in 1948 when the Bucs compiled a record of 83-71. Following his five-year tenure as Pirates manager, Meyer was a Pittsburgh scout for three years.



RALPH KINER

the best in major league history.

OUTFIELDER • NUMBER RETIRED 1987

Born October 27, 1922 in Santa Rita, NM, died February 6, 2014 in Rancho Mirage, CA. Threw and batted righthanded. A Hall of Famer (inducted in 1975), Kiner ranks second on club's all-time home run list (301). Won or shared N.L. home run title in each of his seven full seasons with Pittsburgh (1946-1952), a streak unmatched in either league. Hit a club-record 54 homers in 1949 and had a club-record .567 slugging pct. in Pirates career. Was the key player in 10-man deal with the Cubs on June 4, 1953. Played with Cubs (1953-54) and Cleveland (1955) before back ailment ended his career prematurely. Hit 369 home runs in 10-year career, averaging 7.1 per 100 at-bats, which ranks among



WILLIE STARGELL

FIRST BASE • NUMBER RETIRED 1982

8

Born March 6, 1941 in Earlsboro, OK, died April 9, 2001 in Wilmington, NC. Threw and batted lefthanded. "Pops" compiled a remarkable career in a 21-year span from 1962 through 1982 with the Pirates. In 2,360 games he batted .282 with 475 home runs, seven home runs in post-season play, and 1,540 RBI. The Bucs' all-time home run, RBI and extra base hits king, Willie also ranks in the Pirates' top 10 in games, at bats, runs, hits, singles, doubles and total bases. Willie was a seven-time All-Star pick. In 1979 he was the N.L.'s co-MVP and the MVP in the LCS and World Series. Stargell became the 17th player elected to the Hall of Fame in his first year of eligibility (inducted in 1988).



BILL MAZEROSKI

SECOND BASE • NUMBER RETIRED 1987



Born September 5, 1936 in Wheeling, WV. Threw and batted righthanded. His well-chronicled home run against the Yankees gave Pittsburgh the 1960 World Championship. During his 17-year career with Pittsburgh (1956-1972), the Hall-of-Famer won eight Gold Glove awards and earned a reputation as one of the finest fielding second basemen in the history of the game. Among the major league records for second basemen "Maz" holds are: most seasons leading league in assists (nine), most seasons leading league in double plays (eight), most double plays in a single season (161 in 1966) and most career double plays (1,707). A seven-time N.L. All-Star, he compiled a .260 lifetime average with 138 home runs and 853 runs batted in. Mazeroski was inducted into Hall of Fame in 2001.



PAUL WANER

OUTFIELDER • NUMBER RETIRED 2007

11

Born April 16, 1903 in Harrah, OK, died August 29, 1965 in Sarasota, FL. Threw and batted lefthanded. One of the most dominating players in baseball during his 15 years with the Pirates (1926-1939), Waner led all major league players in hits (1,959) during the decade of the '30's. He batted .336 in his rookie campaign of 1926 and became the first player in team history to capture the N.L. Most Valuable Player award a year later. A four-time All-Star and three-time batting champion, "Big Poison" ended his career with 3,152 hits. His .340 average with Pittsburgh ranks first in club history and he ranks among the top 10 in 11 other offensive categories. Waner was inducted into the Hall of Fame in 1952.



PIE TRAYNOR

THIRD BASE • NUMBER RETIRED 1972

Born November 11, 1899 in Framingham, MA, died March 16, 1972 in Pittsburgh. Threw and batted righthanded. Harold (Pie) Traynor was one of the finest third basemen in major league history. earning that reputation in a 17-year playing career spent entirely with the Pirates (1920-1935, 1937). Regarded as an outstanding defensive player, Traynor was also adept with the bat, compiling a lifetime .320 average. While he hit just 58 home runs, he managed to drive in 1,273 runs. Pie ranks in the Pirates' top 10 in games, at bats, runs, hits, singles, doubles, triples, total bases, RBI, extrabase hits, batting average and stolen bases. The Hall of Famer (inducted in 1948) also managed the Pirates from 1934 through 1939.



ROBERTO CLEMENTE

OUTFIELDER • NUMBER RETIRED 1973

Born August 18, 1934 in Carolina, P.R., died December 31, 1972 in San Juan, P.R. Threw and batted righthanded. A Hall of Famer (inducted in 1973), Roberto Clemente was selected by the Pirates in the player draft when the Brooklyn Dodgers left him unprotected after the 1954 season, his first as a professional. For the next 18 years Clemente starred in the Pirates outfield. He won four N.L. batting crowns and batted .317 in his career, with 240 home runs and 1,305 RBI. He also won 12 Gold Glove Awards. He hit safely in all seven games in both the 1960 and 1971 World Series, winning the Series MVP Award in 1971 when he batted .414 with two homers against Baltimore. Clemente was a 12-time All-Star and the N.L. MVP in 1966. He ranks in the Pirates' top 10 in 12 offensive categories. He died with four others when a plane carrying supplies to earthquake-stricken Nicaragua crashed.



HONUS WAGNER

SHORTSTOP • NUMBER RETIRED 1952

Born February 24, 1874 in Carnegie, PA, died December 6, 1955 in Carnegie. Threw and batted righthanded. One of five players originally elected to the Baseball Hall of Fame in 1936, Honus Wagner is widely regarded as the best shortstop to ever play the game. "The Flying Dutchman" won eight N.L. batting crowns - second only to Ty Cobb's 12 titles - during a 17-year stretch in which he batted over .300 in each season. Wagner came to Pittsburgh in 1900 after three seasons with Louisville, a franchise that had disbanded. He played with the Bucs until 1917 and ended his career with a .329 average and 101 homers. Wagner was a coach with the Pirates between 1933 and 1951. He ranks among the Pirates' top 10 in 11 offensive categories.



DANNY MURTAUGH

MANAGER • NUMBER RETIRED 1977

Born, October 8, 1917 in Chester, PA, died December 2, 1976 in Chester, Threw and batted righthanded. A second baseman with the Phillies, Braves and Pirates (1941-43, 46-51), Danny Murtaugh was one of the most successful managers in Pirates history. He managed the Bucs in four different stints during 15 seasons between 1957 and 1976. During that time he became one of only 36 managers to win 1,000 games, compiling a record of 1,115-950, his win total ranking second on the Pirates all-time list to Fred Clarke's 1,422. He led the Pirates to five Eastern Division crowns and two World Series Championships (1960 and 1971). He was named The Sporting News Manager-ofthe-Year in 1960 and 1970.



JACKIE ROBINSON

OUTFIELDER • NUMBER RETIRED LEAGUE-WIDE IN 1997

Born January 31, 1919 in Cairo, GA, died October 24, 1972 in Stamford, CT. Threw and batted righthanded. Known forever as the first black player in the major leagues. Jack Roosevelt Robinson played for the Brooklyn Dodgers from 1947 to 1956, helping them to six pennants in a 10-year span and to their only World Championship in 1955. He was named the N.L. Rookie-of-the-Year in 1947 and the league's MVP in 1949. A six-time All-Star, Robinson also became the first man to integrate the Baseball Hall of Fame in 1962. In 1997, as a tribute to the legacy he created, Major League Baseball retired his number 42 league-wide on the 50th Anniversary of his breaking the game's color barrier. The Pirates officially retired his number in a pre-game ceremony on July 12, 1997.

Andrews, Jeff2008
Baker, Gene1963
Bartee, Kimera2017
Banister, Jeff2010-2014
Beasley, Tony2008-2010
Bell, Jay2013
Bissonette, Del1946
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Bill Burwell1947-1948, 1958-1962
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niii, Perry2009

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Jauss, Dave	2013-2017
Jewett, Trent	2000-2002
Jones, Joe	1997-2000
Kelleher, Mick	1986
Kelly, Mike	1940-1941
Kerrigan, Joe	2009-2010
Kimm, Bruce	1989
King, Clyde	1965-1967
Kuntz, Rusty	2003-2005
Lamont, Gene	1986-1991, 1996
Land, Grover	1914
Law, Vern	1967-1969
Leppert, Don	1968-1976
Lett, Jim	2006-2007
Levy, Len	1957-1963
Leyva, Nick	2011-2016
Lind, Jack	1997-2000
Livesey, Jeff	2014-2017
Long, Don	2008-2010
Lonnett, Joe	1977-1984
Mackanin, Pete	2003-2005
Manto, Jeff	2006-2007
May, Milt	1987-1996
Mazeroski, Bill	1973
McClendon, Lloyd	1997-2000
McKechnie, Bill	1922
McKee, Rogers	1947
Miller, Ray	1987-1996
Monchak, Alex	1977-1984
Morgan, Joe	1972
Murtaugh, Danny	1956-1957
Narron, Sam	1952-1964
Northey, Ron	1961-1963
Oceak, Frank195	8-1964, 1970-1972
Onslow, Jack	
Osborn, Don 1963-64	, 1970-72, 1974-76

Pagan, Jose	1974-1978
Perry, Gerald	2003-2005
Pesky, Johnny	1965-1967
Peterson, Rick	1984-1985
Posedel, Bill	1949-1953
Prince, Tom	2017
Renick, Rick	1997-2000
Ricketts, Dave	1970-1973
Riddle, Johnny	1948-1950
Ritchie, Gregg	2011-2012
Rojas, Euclides	2011-2017
Roth, Frank	1917
Russell, John	2003-2005
Sandt, Tommy1987-1996	6, 2000-2002
Schueler, Ron	1986
Searage, Ray	2010-2017
Sewell, Rip	1948
Shelby, John	2006-2007
Sherry, Larry	1977-1978
Sisler, George	1959
Silverio, Luis	2011-2012
Skinner, Bob1974-19	76, 1979-1985
Smith, Hal	1965-1967
Sofield, Rick	
Stanage, Oscar	1927-193
Stargell, Willie	1985
Stock, Milt	1951-1952
Strittmatter, Mark	2011-2012
Sukeforth, Clyde	1952-1957
Tanner, Bruce	2001-2005
Taylor, Zack	1947-1948
Trucks, Virgil	1963
Varsho, Gary	2008-2010
Vernon, Mickey	1960, 1964
Virdon, Bill 1968-1971, 198	86, 2001-2002
Vuckovich, Pete	
Wagner, Honus	1933-195
Williams, Spin	
Wright, Mel	



			1	THRU T	HE YEARS	
YEAR	w	L	РСТ	POS		HOME ATTENDANCE
1887	55	69	.444	6	Horace Phillips	
1888	66	68	.492	6	Horace Phillips	
1889	61	71	.462	5	Horace Phillips (28-43)	
					Fred Dunlap (7-10)	
					Ned Hanlon (26-18)	
1890	23	113	.169	8	Guy Hecker	
1891	55	80	.467	8	Ned Hanlon (31-47)	
					Bill McGunnigle (24-33)	
1892	80	73	.527	6	Tom Burns (27-32)	
					Al Buckenberger (53-41)	
1893	81	48	.628	2	Al Buckenberger	
1894	65	65	.500	7	Al Buckenberger (53-55)	
					Connie Mack (12-10)	
1895	71	61	.539	7	Connie Mack	
1896	66	63	.512	6	Connie Mack	
1897	60	71	.454	8	Patsy Donovan	
1898	72	76	.486	8	Bill Watkins	
1899	76	73	.510	7	Bill Watkins (7-15)	
					Patsy Donovan (69-58)	
1900	79	60	.568	2	Fred Clarke	
1901 **	90	49	.647	1	Fred Clarke	251,955
1902 **	103	36	.741	1	Fred Clarke	243,826
1903 **	91	49	.650	1	Fred Clarke	326,855
1904	87	66	.569	4	Fred Clarke	340,615
1905	96	57	.627	2	Fred Clarke	369,124
1906	93	60	.608	3	Fred Clarke	394,877
1907	91	63	.591	2	Fred Clarke	319,506
1908	98	56	.636	2t	Fred Clarke	382,444
1909 ***	110	42	.724	1	Fred Clarke	534,950
1910	86	67	.562	3	Fred Clarke	436,586
911	85	69	.552	3	Fred Clarke	432,000
1912	93	58	.616	2	Fred Clarke	384,000
913	78	71	.523	4	Fred Clarke	296,000
1914	69	85	.448	7	Fred Clarke	139,620
1915	73	81	.474	5	Fred Clarke	225,743
1916	65	89	.422	6	Jimmy Callahan	289,132
1917	51	103	.331	8	Jimmy Callahan (20-40)	
					Honus Wagner (1-4)	
					Hugo Bezdek (30-59)	192,807
1918	65	60	.520	4	Hugo Bezdek	213,610
1919	71	68	.511	4	Hugo Bezdek	276,810
1 <u>920</u> 1921	79	75	.513	4	George Gibson	429,037
	90	63	.588	2	George Gibson	701,567
1922	85	69	.552	3t	George Gibson (32-33)	F07.67F
1007	0.7	67	FCF	7	Bill McKechnie (53-36)	523,675
1923	87	67	.565	3	Bill McKechnie	611,082
1924	90	63	.588	3	Bill McKechnie	736,883
1925 ***	95	58	.621	1	Bill McKechnie Bill McKechnie	804,354
1926	84	69	.549	3	Donie Bush	798,542
1927 **	94	60	.610	1		869,720
1928 1929	85 88	67 65	.559 .575	4 2	Donie Bush	495,070
1929	00	65	.575	2	Bush (67-51) Jewel Ens (21-14)	401 777
070	00	7.4	F10	-		491,377
930	80	74	.519	5 5	Jewel Ens	357,795
931 932	75 86	79 68	.487		Jewel Ens	260,392
			.558	2	George Gibson	287,262
1933	87	67	.565	2	George Gibson	288,747
934	74	76	.493	5	George Gibson (27-24)	700 000
10.75	0.0	67	500		Pie Traynor (47-52)	322,622
935	86	67	.562	4	Pie Traynor	352,885
936	84	70	.545	4	Pie Traynor	372,524
937	86	68	.558	3	Pie Traynor	459,679
938	86	64	.573	2	Pie Traynor	641,033
939	68 78	85 76	.444	6 4	Pie Traynor	376,734 507,934
940	78	76	.506		Frankie Frisch	507,934
941	81	73	.526	4	Frankie Frisch	482,241
942	66	81	.449	5	Frankie Frisch	448,897
943	80	74	.519	4	Frankie Frisch	604,278
944	90	63	.588	2	Frankie Frisch	498,740
945	82	72	.532	4	Frankie Frisch	604,694
	63	91	.409	7	Frisch (62-89), Spud Davis (1-2)	749,962
1946 1947 1948	62 83	92 71	.403 .539	7t 4	Bill Herman (61-92), Bill Burwell (1-0) Billy Meyer	1,283,531 1,517,021

YEAR	w	L	PCT	POS		ME ATTENDANCE
1949	71	83	.461	6	Billy Meyer	1,499,435
1950	57	96	.373	8	Billy Meyer	1,166,267
1951	64	90	.416	7	Billy Meyer	980,590
1952	42	112	.273	8	Billy Meyer	686,673
1953	50	104	.325	8	Fred Haney	572,757
1954	53	101	.344	8	Fred Haney	475,494
1955	60	94	.390	8 7	Fred Haney	469,397
1956	66 62	88 92	.429	7 7t	Bobby Bragan	949,878
1957 1958	84	70	.403 .545	2	Bragan (36-67), Murtaugh (26-25)	850,732
1956	78	76	.545	4	Danny Murtaugh Danny Murtaugh	1,311,988 1,359,917
1960 ***	95	5 9	.617	1	Danny Murtaugh	1,705,828
1961	75	79	.487	6	Danny Murtaugh	1,199,128
1962	93	68	.578	4	Danny Murtaugh	1,090,648
1963	74	88	.457	8	Danny Murtaugh	783,648
1964	80	82	.494	6t	Danny Murtaugh	759,496
965	90	72	.556	3	Harry Walker	909,279
1966	92	70	.568	3	Harry Walker	1,196,618
1967	81	81	1 tie .500	6	Walker (42-42), Murtaugh (39-39)	907,012
1968	80	82	1 tie .494	6	Larry Shepard	693,485
1969	88	74	.543	3	Shepard (84-73), Alex Grammas (4-1)	769,369
1970 *	89	73	.549	1	Danny Murtaugh	1,341,947
1971 ***	97	65	.599	1	Danny Murtaugh	1,501,132
1972 *	96	59	.619	1	Bill Virdon	1,427,460
1973	80	82	.494	3	Virdon (67-69), Murtaugh (13-13)	1,319,913
1974 *	88	74	.543	1	Danny Murtaugh	1,110,552
1975 *	92	69	.571	1	Danny Murtaugh	1,270,018
1976	92	70	.568	2	Danny Murtaugh	1,025,945
1977	96	66	.593	2	Chuck Tanner	1,237,349
1978	88	73	.547	2	Chuck Tanner	964,106
1979 ***	98	64	1 tie .605	1	Chuck Tanner	1,435,454
1980	83	79	.512	3	Chuck Tanner	1,646,757
1981	46	56	1 tie .451	4#	Chuck Tanner	541,789
	25	23	.521	4	1st Half	
	21	33	.389	6	2nd Half	
1982	84	78	.519	4	Chuck Tanner	1,024,106
1983	84	78	.519	2	Chuck Tanner	1,225,916
1984	75	87	.463	6	Chuck Tanner	773,500
1985	57	104	.354	6	Chuck Tanner	735,900
1986	64	98	.395	6	Jim Leyland	1,000,917
1987	80	82	.494	4t	Jim Leyland	1,161,193
1988	85	75	.531	2	Jim Leyland	1,866,713
1989	74	88	2 ties .457	5	Jim Leyland	1,374,141
1990 *	95	67	.586	11	Jim Leyland	2,049,908
1991 *	98	64	.605	1	Jim Leyland	2,065,302
1992 *	96	66	.593	1	Jim Leyland	1,829,395
1993	75	87	.463	5	Jim Leyland	1,650,593
1994	53	61	.465	3t	Jim Leyland	1,222,520
1995	58	86	.403	5	Jim Leyland	905,517
1996	73	89	.451	5	Jim Leyland	1,332,150
1997	79	83	.488	2	Gene Lamont	1,657,022
1998	69	93	1 tie .426	5	Gene Lamont	1,560,950
1999	78	83	.484	3	Gene Lamont	1,638,023
2000	69	93	.426	5	Gene Lamont	1,748,908
2001	62	100	.383	6	Lloyd McClendon	2,436,139
2002	72	89	.447	4	Lloyd McClendon	1,784,993
2003	75	87	.463	4	Lloyd McClendon	1,636,751
2004	72	89	.448	5	Lloyd McClendon	1,583,031
2005	67	95	.414	6	McClendon (55-81), Pete Mackanin (12-14)	1,817,245
2006	67	95	.414	5	Jim Tracy	1,861,549
2007	68	94	.420	6	Jim Tracy	1,749,142
2008	67	95	.414	6	John Russell	1,609,076
2009	62	99	.385	6	John Russell	1,577,853
2010	57	105	.352	6	John Russell	1,613,399
2011	72	90	.444	4	Clint Hurdle	1,940,429
2012	79	83	.488	4	Clint Hurdle	2,091,918
2013 &	94	68	.580	2	Clint Hurdle	2,256,862
2014 &	88	74	.543	2	Clint Hurdle	2,442,564
2015 &	98	64	.605	2	Clint Hurdle	2,498,596
2016	78	83	1 tie .484	3	Clint Hurdle	2,249,201
2017	75	87	.463	4	Clint Hurdle	1,919,447

^(#) Split Season Format (&)Denotes Wild Card Champions (*) Denotes East Division Champions

^(***) Denotes National League Champions (***) Denotes World Champions (t) Tied

A (37)		Beck, Walter W		Bright, Harry J	
		Becker, D. Beals		Briles, Nelson K	
Abbaticchio, Edward J		BEDARD, ERIK		Britton, Stephen G	
Abstein, William H.		Bednar, Ándrew J		Brodie, Walter S	
ACOSTA, EDUARDO E	1970	Beecher, Edward H		BROOKS, FRANK J	
Adams, Charles B		BEIMEL, JOSEPH R		Brottem, Anton C	
Adams, Spencer D.		BELINDÁ, STANLEY P	1989-93	BROWN, ADRIAN D	
Addis, Robert G		Belinsky, Robert		BROWN, BRANT M	
Albosta, Edward J		Bell, David R		BROWN, EMIL Q	
ALEXANDER, GARY W		Bell, Fern L		Brown, James R	
ALEXANDER, MATTHEW		BELL, JAY S		Brown, Mace S	
ALLENSWORTH, JERMAINE L		BELL, JOSHUA E		Brown, Myrl L	
ALLEY, L. EUGENE		BELLIARD, RAFAEL L	1982-90	Brown, Thomas T	
ALMON, WILLIAM F		BENJAMIN, MICHAEL P		Browne, Earl J Browning, Louis R	
Alou, Mateo R		Bennett, James F		BROXTON, KEON D	
ALOU, MOISES R		BENSON, KRISTIN J		Brubaker, Wilbur L	1932-40
ALVAREZ, ANTONIO E		Berardino, John		BRUMFIELD, JACOB D	
ALVAREZ, PEDRO M		Berger, Clarence E		BRYE, STEPHEN R	
AMEZAGA, ALFREDO Anderson, Alfred W		Bernier, Carlos R		BUCK, JONATHAN R	
Anderson, David S.		BERRA, DALE A	1977-84	BUECHELE, STEVEN B	
Anderson, Edward J		Berres, Raymond F		BULLETT, SCOTT D BULLINGTON, BRYAN P	
ANDERSON JR., JAMES D		Bibbly, James B		Bunning, James P	
ARMAS. ANTONIO J		BIELECKI, MICHAEL J	1984-87	Burgess, Forrest H	
ARMAS, ANTONIO R		Bierbauer, Louis W		Burke, Edward D Burke, James T	
ARROYO, BRONSON A		Bigbee, Carson L		BURNETT, ALLEN J	2012-13, 2015
ASCANIO. JOSE E		Bigbee, Lyle R		BURNETT, SEAN R	
Atwell, Maurice D		BILARDELLO, DANN J		BURNITZ, JEROMY N	
AUDE, RICHARD T		Birkofer, Ralph J		BURRES, BRIAN J	
AUGUSTINE, DAVID R		Bisland, Rivington M		Burwell, William E	
AXFORD, JOHN B		BIXLER, BRIAN J	2008-09	Bush, Guy T	
_		Black, VICTOR L		Butcher, A. Maxwell	
B (187)		Blackburn, Ronald H		Butler, Arthur E	
BACKMAN, WALTER W		Blackwell, Fredrick W		Butters, Thomas A	
Bagby, James C. J., Sr	1923	Blake, John F		Byrne, Robert M	
Bagby, James C. J., Jr.		Blankenship, Homer			
			1944-49	_	
		BLANTON, JOSEPH M		C (136)	
Bailey, Robert S		BLANTON, JOSEPH M	2015 1964, 1966-74	C (136) CAMACHO, ERNEST C	1981
Bailey, Robert S Baird, H. Douglas		BLANTON, JOSEPH M		CAMACHO, ERNEST CCAMBRIA, FREDERICK D.	
Bailey, Robert S BAIR, C. DOUGLAS Baird, H. Douglas. Baker, Eugene W.		BLANTON, JOSEPH M		CAMACHO, ERNEST CCAMBRIA, FREDERICK DCamelli, Henry R	
Bailey, Robert S BAIR, C. DOUGLAS. Baird, H. Douglas. Baker, Eugene W Baker, Kirtley. Baker, William P.		BLANTON, JOSEPH M		CAMACHO, ERNEST CCAMBRIA, FREDERICK D.	
Bailey, Robert S BAIR, C. DOUGLAS. Baird, H. Douglas. Baker, Eugene W Baker, Kirtley. Baker, William P. Baldwin, Marcus E.		BLANTON, JOSEPH M. BLASS, STEPHEN R. Bloodworth, James H. BLYLEVEN, RIK AALBERT Bockman, J. Edward Boeckel, Norman D. Boehler, George H.		CAMACHO, ERNEST C CAMBRIA, FREDERICK D Camelli, Henry R. CAMINERO, ARQUIMEDES E. CAMINIZ, Henry R. Camnitz, S. Howard	
Bailey, Robert S. BAIR, C. DOUGLAS Baird, H. Douglas. Baker, Eugene W. Baker, Kirtley. Baker, William P. Baldwin, Marcus E. BALLARD, JEFFREY S.		BLANTON, JOSEPH M		CAMACHO, ERNEST C CAMBRIA, FREDERICK D Camelli, Henry R CAMINERO, AROUMEDES E. Camnitz, Henry R. Camnitz, S. Howard. Camp, Winfield S.	
Bailey, Robert S BAIR, C. DOUGLAS Baird, H. Douglas. Baker, Eugene W. Baker, Kirtley. Baiker, Milliam P. Baidwin, Marcus E. BALLARD, JEFFREY S BANISTER, JEFFREY T. BARAIAS, RODRIGO R		BLANTON, JOSEPH M BLASS, STEPHEN R. Bloodworth, James H. BLYLEVEN, RIK AALBERT Bockman, J. Edward Boeckel, Norman D. Boehler, George H. BOEHRINGER, BRIAN E. BOEVER, JOSEPH M. BOHOR, LOO I.		CAMACHO, ERNEST C CAMBRIA, FREDERICK D Camelli, Henry R. CAMINERO, ARQUIMEDES E. CAMINIZ, Henry R. Camnitz, S. Howard	
Bailey, Robert S. BAIR, C. DOUGLAS. Baird, H. Douglas. Baker, Eugene W. Baker, Kirtley. Baker, William P. Baldwin, Marcus E. BAILARD, JEFREY S. BANISTER, JEFREY T. BARAJAS, RODRIGO R. Barbarae, Walter L.		BLANTON, JOSEPH M BLASS, STEPHEN R. Bloodworth, James H. BLYLEVEN, RIK AALBERT BOCKMAN, J. Edward Boeckel, Norman D. Boehler, George H. BOEHRINGER, BRIAN E. BOEVER, JOSEPH M. BOHON, LEO I. BONDS, BARRY L.		CAMACHO, ERNEST C. CAMBRIA, FREDERICK D. CAMBRIA, FREDERICK D. CAMBREO, ARQUIMEDES E. CAMBREO, ARQUIMEDES E. CAMBRIZ, S. HOWARD. CAMPLY, S. HOWARD. CAMP, Winfield S. CAMPANIS, JAMES A. Campbell, A. Vincent. Campbell, Marc T.	
Bailey, Robert S. Baird, H. Douglas. Baird, H. Douglas. Baker, Eugene W. Baker, Kirtley. Baker, William P. Baldwin, Marcus E. BALLARD, JEFFREY S. BANISTER, JEFFREY T. BARAJAS, RODRIGO R. BARBATO, JOHN E.		BLANTON, JOSEPH M BLASS, STEPHEN R. Bloodworth, James H. BLYLEVEN, RIK AALBERT Bockman, J. Edward Boeckel, Norman D. Boehler, George H. BOEHRINGER, BRIAN E. BOEVER, JOSEPH M. BOHOR, LOO I.		CAMACHO, ERNEST C. CAMBRIA, FREDERICK D. CAMIRED, AROUMEDES E. CAMIRED, AROUMEDES E. Camnitz, Henry R. Cammitz, S. Howard Camp, Winfield S. CAMPANIS, JAMES A. Campbell, Aur T. CANDELARIA, JOHN R.	
Bailey, Robert S. Baird, H. Douglas. Baird, H. Douglas. Baker, Eugene W. Baker, Kirtley. Baker, William P. Baldwin, Marcus E. BARLIARD, JEFREY S. BANISTER, JEFREY S. BANISTER, JEFREY S. BARBATO, JOHN E. BARBATO, JOHN E. Barbaeu, William J. Barbee, David M.		BLANTON, JOSEPH M BLASS, STEPHEN R. BIOOdworth, James H. BLYLEVEN, RIK AALBERT BOCKMAIN, J. Edward Boeckel, Norman D. Boehler, George H. BOEHRINGER, BRIAN E. BOEHRINGER, BRIAN E. BOEVER, JOSEPH M. BOHON, LEO I. BONDS, BARRY L. BONDHAIL, ROBERTO M. BOOG, EVERIT U.		CAMACHO, ERNEST C. CAMBRIA, FREDERICK D. CAMBRIA, FREDERICK D. CAMBREO, ARQUIMEDES E. CAMBREO, ARQUIMEDES E. CAMBRIZ, S. HOWARD. CAMPLY, S. HOWARD. CAMP, Winfield S. CAMPANIS, JAMES A. Campbell, A. Vincent. Campbell, Marc T.	
Bailey, Robert S. Baird, H. Douglas. Baird, H. Douglas. Baker, Eugene W. Baker, Kirtley. Baker, William P. Baldwin, Marcus E. BALLARD, JEFFREY S. BANISTER, JEFFREY S. BANISTER, JEFREY T. BARAJAS, RODRIGO R. Barbare, Walter L. BARBATO, JOHN E. Barbaeau, William J. Barbee, David M. BARKETT, ANDREW, J.		BLANTON, JOSEPH M BLASS, STEPHEN R. BIOOdworth, James H. BLYLEVEN, RIK AALBERT BOCKMAIN, J. Edward BOCKEN, HORMAIN BOCHEN, HORMAIN BOCHEN, GEORGE H. BOEHRINGER, BRIAN E. BOEVER, JOSEPH M. BOHON, BARRY L. BONDA, BARRY L. BONLLA, ROBERTO M. BOOL, EVERIT L. BOOL, Albert L. BOOL, Albert L.		CAMACHO, ERNEST C. CAMBRIA, FREDERICK D. Camelli, Henry R. CAMINERO, AROUMEDES E. Caminitz, Henry R. Caminitz, S. Howard. Camp, Winfield S. CAMPANIS, JAMES A. Campbell, A. Vincent. Campbell, Marc T. CANDELARIA, JOHN R. CANGELOSI, JOHN A. Cannizzaro, Christopher J. CAPPS, MATTHEW D.	
Bailey, Robert S. BAIR, C. DOUGLAS Baird, H. Douglas. Baker, Eugene W. Baker, Kirley. Baker, William P. Baldwin, Marcus E. BAILARD, JEFREY S. BANISTER, JEFREY T. BARAJAS, RODRIGO R BARAJAS, RODRIGO R BARBATO, JOHN E.		BLANTON, JOSEPH M BLASS, STEPHEN R. BIOOdworth, James H. BIYLYEN, RIK AALBERY BOOKMAN, J. Edward BOECKEI, NORMAN D. BOOHEN, GEORGE H. BODHRINGER, BRIAN E. BOFVER, JOSEPH M. BOOHON, LEO I. BONDS, BARRY L. BONDILLA, BOSERTO M. BOOLE, LIVEL D. BOOLE, ALBERT D. BOOL, Albert I. BOOO, BOOK STEPHEN B. BOOOLE, LUE L.		CAMACHO, ERNEST C. CAMBRIA, FREDERICK D. CAMINERO, ARQUIMEDES E. CAMINERO, ARQUIMEDES E. CAMINIT, S. HOWARD CAMP, S. HOWARD CAMP, S. HOWARD CAMP, S. A. Vincent. CAMPELIA, JOHN R. CANGELARIA, JOHN R. CANGELARIA, JOHN R. CANGELOS, JOHN A. CANGELOS, JOHN A. CANGELOS, JOHN A. CAPPOR, MATTHEW D. CAPPS, MATTHEW D. CAPPS, MATTHEW D. CAPPOR, RAIGH	
Bailey, Robert S. Baird, H. Douglas. Baird, H. Douglas. Baker, Eugene W. Baker, Kirtley. Baldwin, Marcus E. Baldwin, Marcus E. BALLARD, JEFFREY S. BANISTER, JEFREY S. BANISTER, JEFREY T. BARBAJS, RODRIGO R. Barbare, Walter L. BARBATO, JOHN E. Barbaeu, William J. Barbae, David M. BARKETT, ANDREW, J. BARKET, ANDREW, J. BARMES, CLINT. BARMES, CLINT. BARMES, CLINT. BARMES, CLINT. BARMES, CLINT.		BLANTON, JOSEPH M BLASS, STEPHEN R. BIOOdworth, James H. BYLEVEN, RIK AALBERT BOCKEN, HORMAN BOCKEN, HORMAN BOCHEN, GEORGE H. BOEHRINGER, BRIAN E. BOEHRINGER, BRIAN E. BOHDEN, LEO L. BONDS, BARRY L. BONDS, BARRY L. BONDLLA, BOERTO M. BOOG, EVERITL L. BOODG, LUIE L. BOOTCHECK, CHRISTOPHER, B. BONTA, FRANK B.		CAMACHO, ERNEST C. CAMBRIA, FREDERICK D. Camelli, Henry R. CAMINERO, AROUMEDES E. Caminitz, Henry R. Caminitz, S. Howard. Camp, Winfield S. CAMPANIS, JAMES A. Campbell, A. Vincent. Campbell, Marc T. CANDELARIA, JOHN R. CANGELOSI, JOHN A. Cannizzaro, Christopher J. CAPPS, MATTHEW D.	
Bailey, Robert S. BAIR, C. DOUGLAS Baird, H. Douglas. Baker, Kugene W. Baker, Kultey. Baker, William P. Baldwin, Marcus E. BAILARD, JEFREY S. BANISTER, JEFREY T. BARAJAS, RODRIGO R BARAJAS, RODRIGO R BARDAG, William J. Barbeau, William J. Barbeau, David M. BARKET, ANDREW, J. BARNEY, EVERET D. BARMES, CLINT. BARMES, CLINT. BARMES, CLINT. BARMES, EVERET D. BARMES, EVERET D. BARMES, EVERET D.		BLANTON, JOSEPH M BLASS, STEPHEN R. BLOOKWORTH, James H. BLYLEVEN, RIK AALBERT BOCKMAN, J. Edward Bockkel, Norman D. Bochler, George H. BOEHRINGER, BRIAN E. BOEHRINGER, BRIAN E. BOEHRINGER, BRIAN E. BOHNEN, BRARY L. BONDS, BARRY L. BONDS, BARRY L. BONDS, BARRY L. BONGLIA, ROBERTO M. BOOLE, LIED L. BOOLE, CHRISTOPHER, B. BORKANN, JOHN W.		CAMACHO, ERNEST C. CAMBRIA, FREDERICK D. CAMBRIA, FREDERICK D. CAMBREO, AROUMEDES E. CAMBREO, AROUMEDES E. CAMBRIZ, S. HOWARD CAMP, S. HOWARD CAMP, S. A. Vincent. CAMPELIA, JOHN R. CANGELARIA, JOHN R. CANGELARIA, JOHN R. CANGELARIA, JOHN A. CANGELARIA, JOHN A. CANGELOS, JOHN A. CANGELOS, JOHN A. CAMBREO, JOHN A. CAPOT, Raibh CARBO, BERNARDO CARDULL, MAN G. CAREUL, DONAID E. CAROB, BERNARDO CARDULL, MAN G. CAROLL, RAIDH CAROB, BERNARDO CARDULL, MAN G.	
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Bailey, Robert S. BAIR, C. DOUGLAS. Baird, H. Douglas. Baierd, Lugene W. Baker, Kirtley. Baker, Kirtley. Baker, William P. Baldwin, Marcus E. BALLARD, JEFREY S. BANISTER, JEFREY S. BANISTER, JEFREY T. BARALAS, ROBRIGO R Barbare, Walter L BARBAIO, JOHN E. BARBAIO, BARBAIO, JOHN B. BARKET, ANDREW, J. BARHEN, David M. BARKET, ANDREW, J. BARHEN, J. BARHEN, CLINT BARNEY, LORD BARNEY, J. BARHEN, CLINT BARNEY, LORD BARNEY, J. BARHEN, CLINT BARNEY, LORD BARNEY, J. BARHEN, LORD BARNEY, J. BARHEN, LORD BARNEY, J. BARTIBON BARNEY, BARTIBONDE, BA	1952-66 1976, 1989-90 195-17 1957-8, 1960-61 1890 1991-93 1993-94 1993-94 1993-94 1993-94 1993-94 1994 1995-18	BLANTON, JOSEPH M BLASS, STEPHEN R. BIOOdWORTH, James H. BLYLEVEN, RIK AALBERT BOCKMAIN, J. EdWard BOCKEN, HORMAN BOCKEN, HORMAN BOCHEN, GEORGE H. BOEHRINGER, BRIAN E. BOEHRINGER, BRIAN E. BOEHRINGER, BRIAN E. BOHNEN, BARRY L. BONDAS, BARRY L. BONGERTO M. BOOGE, EVERTIL B. BOOG, EVERTIL L. BOOG, LIUTE J. BOOG, LIUTE J. BOOGH, LUTE J. BOOGH, BONGW, HENDY L. BOSCAN, WILEREDD J. BOSTHOK, CHRISTOPHER, M. BOWKER, JOHN B. BOWMEN, JOHN B. BOWMEN, JOHN B. BOWMEN, JOHN B. BOWKER, JOHN B. BOWMEN, JOHN B. BOWMEN, JOHN B. BOWMEN, JOHN B. BOYLAND, JORGEN C. BOYLAND, JORGEN C. BOYLAND, JORGEN C. BOYLAND, JORGEN G. BRAND, JORGEN G. BRAND, JORGEN G. BRAND, ROMALD G. BRANDER, CHEET M. BRAND, ROMALD G. BRANDER, CHEET M. BRAND, ROMALD G. BRAND, ROMALD G. BRANDER, CHEET M. BRAND, ROMALD G. BRAND, ROMALD G. BRANDER, CHEET M. BRAND, ROMALD G. B		CAMACHO, ERNEST C. CAMBRIA, FREDERICK D. Camelli, Henry R. CAMINERO, AROUMEDES E. CAMPANIS, JAMES A. CAMPANIS, JAMES A. CAMPORIT C. CANDELIARIA, JOHN R. CANGELOSI, JOHN A. CARPOR, MATTIEW D. CAPPS, MATTIEW D. CAPPS, MATTIEW D. CAPPS, MATTIEW D. CAPPS, MATTIEW D. CARPOR, BENNARDO CARGOR, BENNARDO CARGOR, BENNARDO CARGOR, MARCOL CARGOR, MARCOL CARGOR, MARCOL CARGOR, MARCOL CARGOR, CARGOR CARGOR, CARGOR CARGOR, CARGOR CARGO	
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PIRATES ALL-TIME ROSTER: ALPHABETICAL

CHAVEZ, RAUL A2008
Cheney, Thomas E
Chesbro, John D. 1899-02 Chesnes, Robert V. 1948-50
CHRISTIANSEN, JASON S1995-2000
CHRISTOPHER, JOSEPH 0
CHURN, CLARENCE N
Cimoli, Gino N. 1960-61 CIRIACO, PEDRO 2010-11
CLAGGETT, ANTHONY P
Clancy, William E. 1905 CLARK, DAVID E. 1992-96
Clark, William 0
Clarke, Fred C
Clarke, William S
Clemensen, William M
Clemente, Roberto W
Clements, Edward 1890 CLEMENTS, PATRICK B. 1985-86
Clendenon, Donn A
Cleveland, Elmer E. 1888 CLINES, EUGENE A. 1970-74
Clingman, William F
CLONTZ, J. BRADLEY
CUKE DRILLID D 3016
Colcolough, Thomas B
COLE, GERRIT A
Cole, Leonard L
COLE, VICTOR A. 1992 Coleman, John F. .1887-88, 1890
Coleman, John F
Coleman, Robert H
COLES, DARNELL
Collins, James A
Collins, John E. 1914-15 Colman, Frank L. 1942-46
COLPAERT, RICHARD C
Comorosky, Adam A
Comstock, Ralph R
CONCEPCION, ONIX C. 1987 Conger, Richard 1941-42
Conroy, William E
CONTRERAS, JOSE A. 2013 Conway, Peter J. 1889
Conzelman, Joseph H
Coogan, Dale R
COOKE, STEPHEN M 1992-97 Cooley, Duff G 1900
Cooper, A. Wilbur .1912-24 Cooper, W. Walker .1954
Corcoran, John A
CORDERO, WILFREDO N
COREY, MARK F 2003-04
Corkhill, John S
Coscarart, Peter J
Costello, Daniel F
Cottrell, Ensign S
COX, DANNY B.
CRANDALL, DELMAR W1965
Crane, Samuel N. 1890 Crolius, Fred J. 1902
Cronin, John J. 1898 Cronin, Joseph E. 1926-27
CROSBY, ROBERT E
Cross, Montford M
CROTTA, MICHAEL2011 CRUZ, JUAN C2012
CRUZ, L. IVAN1999-2000
CRUZ, LUIS
Cuccurullo, Arthur J
Culloton, Bernard A. 1925-26 CUMMINGS, MIDRE A. 1993-97
CUMPTON. BRANDON T
Curtis, Eugene H
Cutshaw, George W
Cuyler, Hazen S

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Dalrymple, Abner F	
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DYER, MICHAEL L	
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FIGUEROA, STEPHEN C	2016
FIGUEROA, LUIS	
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FIGUEROA, NELSON	-04
FIGUEROA, NELSON. 2003 Finney, Harold W. 1931-34,	-04 1936
FIGUEROA, NELSON	-04 1936 6-17
FIGUEROA, NELSON. 2003 Finney, Harold W. 1931-34, Fischer, William C. 1911 FISHER, BRIAN K. 1988 Fisher, Harry D. 195	- 04 1936 6-17 1 -89 1-52
FIGUEROA, NELSON. 2003 Finney, Harold W. 1931-34, Fischer, William C. 191 FISHER, BRIAN K. 1983 Fisher, Harry D. 195 Fisher, Wilbur M. 195	- 04 1936 6-17 -89 1-52 1916
FIGUEROA, NELSON. 2003 Finney, Harold W. 937-34, Fischer, William C. 191 FISHER, BRIAN K. 1987 Fisher, Harry D. 195 Fisher, Wilbur M. 1944 FT7C6FRAID, EDWARD R. 1948	-04 1936 6-17 1-89 1-52 1916 3-53
FIGUEROA, RESON 2005 Finney, Harold W. 1931-34, Fischer, William C. 191 FISHER, BRIAN K. 198 Fisher, Harry D. 198 Fisher, Wilbur M. 195 Fisher, Wilbur M. 195 Fisher, Wilbur M. 194 Fisher, Wilb	- 04 1936 6-17 1- 89 1-52 1916 1-53 9-30
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GOGGIN, CHARLES F	1993-94
GOGGIN, CHARLES F	1972-73
GOGGIN, CHARLES F. GOMEZ, CHRISTOPHER C. GOMEZ, JEANMAR A. Gonder, Jesse L.	1972-73 2008 2013-14 1966-67
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GOGGIN, CHARLES F. GOMEZ, CHRISTOPHER C. GOMEZ, JEANMAR A. GONZALEZ, DENIO M	1972-73 2008 2013-14 1966-67 35, 1987-88 73, 1977-78
GOGGIN, CHARLES F. GOMEZ, CHRISTOPHER C. GOMEZ, JEANNAR A. GONDER, JESSE L. GONZALEZ, DENIO M. 1984- GONZALEZ, J. FERNANDO. 1972- GONZALEZ, JOSE R. GONZALEX, JOSE R. GONZALEX, JUST R. GONZALEX, JUST R. GONZALEX, JUST R.	1972-73 2008 2013-14 1966-67 85, 1987-88 73, 1977-78 1991 2003-06
GOGGIA, CHARLES F. GOMEZ, CHRISTOPHER C. GOMEZ, JEANNAR A. GONDER, JESSE L. GONZALEZ, JESSE L. GONZALEZ, JENIO M. 1984-1 GONZALEZ, J. FERNANDO. 1972- GONZALEZ, JOSE R. GONZALEZ, MCKAEL V. GOOK, John B.	1972-73 2008 2013-14 1966-67 35, 1987-88 73, 1977-78 1991 2003-06 1921-28
GOGGIA, CHARLES F. GOMEZ, CHRISTOPHER C. GOMEZ, JEANNAR A. GONDALEZ, DENIO M. 1984-1 GONZALEZ, JERNANDO. 1972- GONZALEZ, J. FERNANDO. 1972- GONZALEZ, JICSE R. GONZALEZ, MICHAEL V. GOOCH, John B. Gordon, Sidney	1972-73 2008 2013-14 1966-67 35, 1987-88 73, 1977-78 1991 2003-06 1921-28 1954-55
GOGGIA, CHARLES F. GOMEZ, CHRISTOPHER C. GOMEZ, JEANNAR A. GONZALEZ, JESSE L. GONZALEZ, DENIO M. 1984-1 GONZALEZ, J. FERNANDO. 1972- GONZALEZ, JOSE R. GONZALEZ, MCKAEL V. GOOKD, John B. GORONICAL, HENRY F. 19 GORZELANNY, HOMAS A.	1972-73 2008 2013-14 1966-67 35, 1987-88 73, 1977-78 1991 2003-06 1921-28 1954-55 42-43, 1946 2005-09
GOGGIN, CHARLES F. GOMEZ, CHRISTOPHER C. GOMEZ, JERNARR A. GONTALEZ, JERNO M. GONZALEZ, JERNADO. 1972- GONZALEZ, JOSE R. GONZALEZ, MICHAEL V. GOOCH, JOHN B. GOGTON, SIGNEY GORTON, SIGNEY GORTICKI, HENRY F. 19 GORZELANNY, THOMAS A. 050SS, HOWARD W.	1972-73 2008 2013-14 1966-67 35, 1987-88 73, 1977-78 1991 2003-06 1921-28 1954-55 42-43, 1946 2005-09
GOGGIA, CHARLES F. GOMEZ, CHRISTOPHER C. GOMEZ, JEANMAR A. GONDER, JESSE L. GONZALEZ, DENIO M. 1984-1 GONZALEZ, JERNANDO. 1972- GONZALEZ, JOSE R. GONZALEZ, JOSE R. GONZALEZ, JOSE R. GONZALEZ, HICHAEL V. GOONZI, JOSE R. GORIZALEZ, HICHAEL V. GOORTICKH, HENRY F. 19 GORZELANNY, THOMAS A. GOSS, HOWARD M. GOSSGEN CHICHARD M. GOSSGEN HOWARD M. GOSSGEN HOWARD M.	1972-73 2008 2013-14 1966-67 35, 1987-88 73, 1977-78 1991 2003-06 1921-28 1954-55 42-43, 1946 2005-09 1962
GOGGIN, CHARLES F. GOMEZ, CHRISTOPHER C. GOMEZ, JEANMAR A. GONDER, JESSE L. GONZALEZ, DENIO M. 1984- GONZALEZ, JERINANDO. 1972- GONZALEZ, JOSE R. GONZALEZ, JOSE R. GONZALEZ, JOSE R. GONZALEZ, JOSE R. GONZALEZ, MICHAEL V. GOOCH, JOHO B. GOGTONICH, HENRY F. 19 GORZELANNY, THOMAS A. GOSSELMW, THOMAS A. GOSSELMW, HILLIP D. GOSSELM, PHILLIP D. GOSSELM, PHILLIP D.	1972-73 2008 2013-1 1966-67 .55, 1987-88 1991 2003-06 1921-28 1954-55 42-43, 1946 2005-09 1962 2017
GOGGIN, CHARLES F. GOMEZ, CHRISTOPHER C. GOMEZ, JEANNAR A. GONZEL, JESSE L. GONZALEZ, DENIO M. 1984-1 GONZALEZ, J. FERNANDO. 1972- GONZALEZ, J. FERNANDO. 1972- GONZALEZ, JOSE R. GONZALEZ, MICHAEL V. GOOCH, John B. GOGTONICH, EMENY E. 19 GORZELANNY, THOMAS A. GOSSAGE, RICHARD M. GOSSELIN, PHILLIP D. GORTJ, JAMES W. 191	1972-73 2008 20164 1966-64 1966-65 197-78 197-78 1921-28 1954-55 1954-55 2005-09 1962 1962 1977 2005-01 1962 1963-64 1963-64 1963-64 1963-64
GOGGIN, CHARLES F. GOMEZ, CHRISTOPHER C. GOMEZ, JEANNAR A. GONZEL, JESSE L. GONZALEZ, JESSE L. GONZALEZ, JESSE N. GONZALEZ, J. FERNANDO. 1972- GONZALEZ, J. FERNANDO. 1972- GONZALEZ, MCHAEL V. GOOCH, John B. GORZONIC, MICHAEL V. GOOCH, JOhn B. GOGTORICH, Henry F. 19 GORZELANNY, HOMAS A. GOSS, HOWARD W. GOSSAGE, RICHARD M. GOSSELIN, PHILLIP D. GORTJ, JAMES W. GRABOW, JOHN W.	1972-73 2008 2016 1966-67 1966-67 1977-78 1977-78 1954-55 1954-55 1954-55 1962-2005-09 1962 1962 1963-64 1963-64 1963-64 1963-64 1963-64 1963-64
GOGGIN, CHARLES F. GOMEZ, CHRISTOPHER C. GOMEZ, JEANNAR A. GONDEL, JESSE L. GONZALEZ, JESSE L. GONZALEZ, JESNO M. GONZALEZ, JERNANDO. 1972- GONZALEZ, JOENO M. GONZALEZ, JOENO M. GONZALEZ, JOENO M. GONZALEZ, JOENO M. GONZALEZ, HERNANDO. 1972- GONZALEZ, MICHAEL V. GOOCH, John B. GOGTONICIA, HENRY F. 19 GORZELANNY, THOMAS A. GOSSAGE, RICHARD M. GOSSAGE, RICHARD M. GOSSAGE, GONZALEZ, MIDIO S. GOTJ, JAMES W. 194 GRABOW, JOHN W. GRABOW, JOHN W. GRABOER, JEFREY A.	1972-73 2003-14 1966-67 .55, 1987-88 .73, 1977-78 1991 2003-06 1954-55 1954-55 1963-64 2005-09 1963-64 1963-64 1963-64 1995 2003-09 1997 1997
GOGGIN, CHARLES F. GOMEZ, HERSTOPHER C. GOMEZ, JERNARA R. GONZELEZ, JERNO M. GONZALEZ, JERNO M. GONZALEZ, JERNO M. 1972- GONZALEZ, JOSE R. GONZALEZ, JOSE R. GONZALEZ, JOSE R. GONZALEZ, JOSE R. GONZALEZ, MICHAEL V. GOOCH, JOHN B. GOOTAGLE, MICHAEL V. GOOCH, JOHN B. GOGTON, SIGNEY GORZICHANY, THOMAS A. GOSSELIN, PHILLIP D. GOSSELIN, PHILLIP D. GORSELIN, PHILLIP D. GORSELIN, JUNES W. 191 GRANGER, JURINES W. 191 GRANGER, JEFREY A. GRANGER, JEFREY B.	1972-73 2013-14 1966-67 .55, 1987-88 .73, 1977-88 1991 2003-06 1921-25 42-43, 1946 2005-09 1927 1967-64 1967-64 2003-09 1931-35 1993
GOGGIN, CHARLES F. GOMEZ, CHRISTOPHER C. GOMEZ, JEANNAR A. GONDEZ, JESSE L. GONZALEZ, DENIO M. 1984- GONZALEZ, DENIO M. 1972- GONZALEZ, JEFRNANDO. 1972- GONZALEZ, JOSE R. GONZALEZ, MICHAEL V. GOOCH, John B. GOGTONI, Süney GONZALEZ, MICHAEL V. GOOCH, JOHN B. GOGTORICKI, HENRY F. 19 GORZELANNY, THOMAS A. GOSSEL MIN, PHILLIP D. GOSSELIN, PHILLIP D. GOSSELIN, PHILLIP D. GORADOM, JOHN W. GRABOW, JOHN W. GRABOW, JOHN W. GRAGGRE, REAT GRANGER, JEFFREY A. GRANGER, JEFFREY A. GRANT, JAMES T.	1972-73 2008 2013-14 1966-67 1996-67 1991 2003-06 1991 2005-09 1962 1962 1962 1963-64 2005-09 1963-64 1963-64 1995 2003-09 1997 1997 1997 1997 1997
GOGGIN, CHARLES F. GOMEZ, CHRISTOPHER C. GOMEZ, JERNANA R. GONDEZ, JESSE L. GONZALEZ, DENIO M. 1984- GONZALEZ, JERIO M. 1972- GONZALEZ, JERIO M. 1972- GONZALEZ, JOSE R. GONZALEZ, JOSE R. GONZALEZ, MICHAEL V. GOOCH, JOHO R. GORTOLIN, HICHAEL V. GORICA, HICHAEL V. GOSTON, HICHAEL V. GOSTALE, RICHAED M. GOSSELIN, PHILLIP D. GOSSELIN, PHILLIP D. GORZELIN, JOHN W. GRANGER, JERNEY M. GRANGER, JER	1972-73 2008 2013-14 1966-67 1966-67 1991 2003-06 1991-28 1992-28 1954-55 2005-09 1962 2017 1963-64 2005-09 1977-89, 1995 2005-09 1991 1963-1963 1970-71 1983-35 1970-71 1925-31 19890
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GOGGIN, CHARLES F. GOMEZ, CHANTAR A. GOMEZ, JEANNAR A. GOMEZ, JESSE L. GOMEZ, JESSE L. GONZALEZ, DENIO M. 1984- GONZALEZ, DENIO M. 1972- GONZALEZ, JOER R. GONZALEZ, JOER R. GONZALEZ, MICHAEL V. GOOCH, John B. GOGTONICH, HENRY F. 19 GORZELANNY, THOMAS A. GOSSAGE, RICHARD M. GOSSELIN, PHILLIP D. GOTOLT, JAMES W. GRABOW, JOHN W. Grace, R. Earl GRANGER, JEFFREY A. GRANT, JANES T. GRANT, GAMES T. GRAN, GEORGE E. GRAY, James D. GRAY, James D. GRAPEN, CHRISTOPHER D.	
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Gumbert, Harry E
Gumbert, William S
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Gutteridge, Donald J
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Haas, George W. 1925
HACKER, ERIC L. 2009 Haddix, Harvey 1959-63
Haeffner, William B
Hafey, Daniel A
HAGUE, MATTHEW D
HAIRSTON, JERRY W1977 Hall, Albert1989
HALL, RICHARD W
Hall, Robert L
Hall, William L
Hallett, Jack P
Hallman, William H
HAMILTON, DAVID E
Hamilton, Earl A
HAMLIN, KENNETH L
Hamlin, Luke D
HANCOCK, LELAND D. 1995-96 Handley, Lee E. 1937-41, 1944-46
Handley, Lee E
Hanlon, Edward H
HANRAHAN, JOEL R
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HAPP, JAMES A
HARGIS, GARY L
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HART, JON COREY. 2015 HART, KEVIN R. 2009 Hart, William F. 1895, 1898 HARTESTEIN, CHARLES O. 1969-70 HARTENG, Frederick O. 1894 HASSLER, ANDREW E. 1980
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HART, NON COREY, 2015 HART, KEVIN R. 2009 Hart, William F. 1893, 1898 HARTENSTEIN, CHARLES O. 1969-70 HARTMAN Frederick O. 1894 HASSLER, ANDREW E. 1988 Hastings, Charles M. 1896-98 HATCHER, WILLIAM A. 1938 Hawley, Emerson P. 1895-99
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HART, NON CORY. 2015 HART, KEVIN R. 2009 Hart, William F. 1893, 1898 HARTINSTEIN, CHARLES O. 1969-70 HARTINSTEIN, CHARLES O. 1894 HASSIER, ANDREW E. 1980 HASSIERS, Charles M. 1895-99 HAWILLIAM A. 1988 HAWING, Emerson P. 1895-99 HAWING, CHARLES D. 1996 HARTING, CHARLES D. 1996 HARTING, CHARLES D. 1996 HARTING, CHARLES M. 1899 HARTING, CHARLES D. 1996 HARTING, CHARLES D. 1996 HARTING, CHARLES M. 1899 HARTING, CHARLES M. 1899 HARTING, CHARLES M. 1899 HARTING, CHARLES M. 1899
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HART, NON COREY. 2015 Hart, William F. 1895, 1898 HARTINSTEIN, CHARLES O. 1969-70 HARTINSTEIN, CHARLES O. 1969-70 HARTINSTEIN, CHARLES O. 1969-70 HARTINSTEIN, CHARLES O. 1894 HASSLER, ANDREW E. 1980 HASTINGS, Charles M. 1895-93 HACHER, WILLIAM A. 1988 HAWIEY, Emerson P. 1895-97 HAYES, CHARLES D. 1996 HEATON, NEAL 1988-91 HEATON, NEAL 1988-91 HEADON, NEAL 1988-91 HEADENE, RICHARD J. 1968-76, 1982-83
HART, NON COREY, 2015 HART, KEVIN R. 2009 Hart, William F. 1895, 1898 HARTENSTEIN, CHARLES O. 1969-70 HARTMAN Frederick O. 1894 HASSLER, ANDREW E. 1988 HASHINGS, Charles M. 1895-99 HATCHER, WILLIAM A. 1988 HAWLEY, EMPESON P. 1895-99 HAYES, CHARLES D. 1999 HEADI, CHARLES D. 1999 HEADIN, NEAL 1898-99 Hebert, Wallace A. 1844 HEBNER, RICHARD J. 1968-76, 1982-88 Heckler, Guy J. 1896-76, 1982-89 Heckler, Guy J. 1896-76, 1982-89 Heckler, Guy J. 1896-91
HART, JON COREY. 2015 HART, KEVIN R. 2008 HART, KEVIN R. 1093, 1898 HARTISCIEN, CHARLES O. 1969-70 HARTISCIEN, CHARLES O. 1969-70 HARTISCIEN, CHARLES O. 1989-70 HARTISCIEN, CHARLES O. 1894 HASSLER, ANDREW E. 1980 HASSLER, ANDREW E. 1980 HASSLER, SCHRICK D. 1989-81 HAWIEV, EIMERSON P. 1895-91 HACHER, WILLIAM A. 1988-91 HAWIEV, CHARLES D. 1996 HEADON, NEAL 1988-91 HEADON, NEAL 1988-91 HEEDER, RICHARD J. 1966-76, 1982-83 HEEWER, RICHARD J. 1966-76, 1982-83 HECKER, GUY J. 1895-91
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Meier, Arthur E	Naton, Peter A
Meine, Henry W	NAVARRO, YAMAICO P
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MELANCON, MARK D	Nealon, James J. 1906-07
MENDOZA, MARIO A1974-78	NECCIAI, RONALD A
Menefee, John	Neeman, Calvin A
MENENDEZ, ANTONIO G	Neighbors, Cecil F
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MICHAELS, JASON D	Niehaus, Albert B
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	Otey, William T
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MOSKAU, PAUL R	OTTO, DAVID A1993
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Rawlings, John W	1027 20
RAY, JOHNNY C	1925-20
	1981-87
RAYDON, CURTIS L	1958
Raymond, Harry H.	1892
RAYNOR, JOHN P	2010
REAMES W RRITT	2006
REBOULET, JEFFREY A	200
REDFIELD, JOSEPH R	100
REDMAN, JULIAN J20	
KEDMAN, JULIAN J20	00-01, 2003-0:
REDMAN, MARK A	2005
REDUS, GARY E	1988-97
REED, RICHARD A	1988-9
REESE, CALVIN JR	2002-03
Regan, William W	
Rehg, Walter P	
REID, RYAN A	201
Reilly, Archer E	191
Reilly, Charles T	100
Doicer Harold D	105
Reiser, Harold P.	
Reitz, Henry P.	
REITZ, KENNETH J.	1984
RENTERIA, RICHARD A	
Rescigno, Xavier F	1943-49
RESOP, CHRISTOPHER P	2010-12
Restelli, Dino P	1949, 195
DESTRUICH MICHAEL I	2005
REUSCHEL, RICKY E	1985-8
REUSS, JERRY	1974-78 1000
REYES, DENNYS V.	2001
REYES, RAFAEL A.	200.
REYNOLDS, G. CRAIG	1075 74
DEVIANDE DODERT I	//-C/ti
REYNOLDS, ROBERT J	
Rhawn, Robert J.	1945
Rhines, William P	1898-99
RHODEN, RICHARD A	
Rhyne, Harold J	
RIBANT, DENNIS J	
Rice, Harold H	1953-54
RICHARDSON, JEFFREY S	
Rickert, Joseph F	
Rickert, Marvin A	
Ricketts, David W	1970
Riconda, Henry P.	
Riddle, Elmer R.	
Riddle, John L.	10/0
Rikard, Culley.	10/1_/2 10/
RINCON, RICARDO	1007_00
DIOC ADMANDO	2001 0
RIOS, ARMANDO	1000 00
Ritchey, Claude C.	1900-00
RITCHIE, TODD E	
Ritz, James L	1894
RIVAS, LUIS W	
RIVAS, LUIS W	
RIVAS, LUIS W. RIVERA, CARLOS A. RIVERO, FELIPE J.	
RIVAS, LUIS W. RIVERA, CARLOS A. RIVERO, FELIPE J. Rizzo, John C.	
RIVAS, LUIS W. RIVERA, CARLOS A. RIVERO, FELIPE J. Rizzo, John C. Roat, Frederick R.	
RIVAS, LUIS W. RIVERA, CARLOS A. RIVERO, FELIPE J. Rizzo, John C. Roat, Frederick R.	
RIVAS, LUIS W. RIVERA, CARLOS A. RIVERO, FELIPE J. Rizzo, John C.	
RIVAS, LIUS W. RIVERA, CARLOS A. RIVERO, FELIPE J. Rizzo, John C. Roat, Frederick R. Roberts, Curtis B. Roberts, David A.	
RIVAS, LUIS W. RIVERO, FELIPE J. RIZZO, John C. ROBAL, Frederick R. Roberts, Curtis B. Roberts, David A. ROBERTS, DAVID L.	
RIVAS, LIUS W. RIVERA, CARLOS A. RIVERO, FELIPE J. Rizzo, John C. Roal, Frederick R. Roberts, Curitis B. Roberts, David A. ROBERTS, DAVID L. ROBERTS, DALID L.	
RIVAS, LIUS W. RIVERA, CARLOS A. RIVERO, FELIPE J. Rizzo, John C. Roal, Frederick R. Roberts, Curitis B. Roberts, David A. ROBERTS, DAVID L. ROBERTS, DALID L.	
RIVAS, LIUS W. RIVERA, CARLOS A. RIVERO, FELIPE J. RIZZO, JOHIN C. ROBAL, Frederick R. Roberts, Curtis B. ROBERTS, DAVID L. ROBERTS, DAVID L. ROBERTS, WILLIS A. ROBERTSON, DAVIS A. ROBERTSON, DAVIS A. ROBERTSON, CHICKARD W.	
RIVAS, LIUS W. RIVERA, CARLOS A. RIVERO, FELIPE J. Rizzo, John C. Roda, Frederick R. RobertS, Curtis B. RobertS, David A. ROBERTS, DAVID L. ROBERTS, MILLIS A. ROBERTSON, RICHARD W. ROBERTSON, ROBERT E.	
RIVAS, LUIS W. RIVERO, FELIPE J. RIZZO, JOHIN C. ROBLET, CURTIS B. ROBERTS, DAVID L. ROBERTS, DAVID L. ROBERTS, WILLIS A. ROBERTS, WILLIS A. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, ROBERT E.	
RIVAS, LIUS W. RIVERA, CARLOS A. RIVERO, FELIPE J. RIZZO, JOHIN C. ROBAL, Frederick R. Roberts, Curtis B. Roberts, David A. ROBERTS, DAVID L. ROBERTS, WILLIS A. ROBERTSON, DOBERT E. ROBERTSON, DOBERT E. ROBINSON, JEFREY D.	
RIVAS, LIUS W. RIVERA, CARLOS A. RIVERO, FELIPE J. Rizzo, John C. Roat, Frederick R. RobertS, Curtis B. RobertS, David A. ROBERTS, DAVId L. ROBERTS, MILUS A. ROBERTSON, RICHARD W. ROBERTSON, ROBERT E. ROBINSON, DOW A. ROBINSON, JEFFREY D. ROBINSON, JEFFREY D.	
RIVAS, LIUS W. RIVERA, CARLOS A. RIVERO, FELIPE J. RIZZO, John C. ROBAL, Frederick R. Roberts, Curtis B. Roberts, David A. ROBERTS, DAVID L. ROBERTS, DAVID L. ROBERTS, WILLIS A. ROBERTSON, ROBERT E. ROBERTSON, RICHARD W. ROBERTSON, ROBERT E. ROBINSON, DON A. ROBINSON, JEFFREY D. ROBINSON, JEFFREY D. ROBINSON, JEFFREY D. ROBINSON, JEFFREY D.	
RIVAS, LIUS W. RIVERA, CARLOS A. RIVERO, FELIPE J. Rizzo, John C. Roda, Frederick R. Roberts, David A. ROBERTS, David A. ROBERTS, DAVID L. ROBERTS, WILLIS A. ROBERTS, WILLIS A. ROBERTSON, DON'S A. ROBERTSON, ROBERT E. ROBINSON, LEFFEY D. ROBINSON, JEFFEY D. ROBINSON, JEFFEY D. ROBINSON, JEFFEY D. ROBINSON, JEFFEY D. ROBINSON, JOHN H. ROBINSON, JOHN H.	
RIVAS, JUIS W. RIVERA, CARLOS A. RIVERO, FELIPE J. Rizzo, John C. Roat, Frederick R. Roberts, David A. ROBERTS, DAVID L. ROBERTS, DAVID L. ROBERTS, WILLIS A. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, ROBERT E. ROBINSON, LEFFERY D. Robinson, Jeffrey M. Robinson, John H. Robinson, Jilliam H. Robitaille, J. Anthony	
RIVAS, LIUS W. RIVERA, CARLOS A. RIVERO, FELIPE J. RIZZO, John C. ROAL, Frederick R. Roberts, Curtis B. Roberts, David A. ROBERTS, DAVID L. ROBERTS, WILLIS A. ROBERTS, WILLIS A. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, ROBERT E. ROBINSON, DON A. ROBINSON, JEFFREY D. ROBINSON, JEFFREY D. ROBINSON, JEFFREY D. ROBINSON, JEHROY M. ROB	
RIVAS, JUIS W. RIVERA, CARLOS A. RIVERO, FELIPE J. Rizzo, John C. Roda, Frederick R. Roberts, David A. ROBERTS, DAVID L. ROBERTS, WILLIS A. ROBERTS, WILLIS A. ROBERTSON, DAVIS A. ROBERTSON, ROBERT E. ROBINSON, JOHN A. ROBERTSON, ROBERT E. ROBINSON, JEFFREY D. Robinson, Jeffrey M. Robinson, Jeffrey M. Robinson, John H. Robinson, William H. Robitaille, J. Anthony Rodgers, K. Andre Rodgers, K. Rodgers, M. Rodgers,	
RIVAS, LIUS W. RIVERA, CARLOS A. RIVERO, FELIPE J. RIZZO, John C. ROAL, Frederick R. Roberts, Curtis B. Roberts, David A. ROBERTS, DAVID L. ROBERTS, WILLIS A. ROBERTS, WILLIS A. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, ROBERT E. ROBINSON, DON A. ROBINSON, JEFFREY D. ROBINSON, JEFFREY D. ROBINSON, JEFFREY D. ROBINSON, JEHROY M. ROB	
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RIVAS, LUIS W. RIVERA, CARLOS A. RIVERO, FELIPE J. RIZZO, JOHO C. ROBAL, FREDEFICK R. ROBERTS, CURTIS B. ROBERTS, DAVID L. ROBERTS, DAVID L. ROBERTS, WILLUS A. ROBERTSON, RICHARD W. ROBINSON, DEFFREY D. ROBINSON, JEFFREY D. ROBINSON, JEFFREY D. ROBINSON, JOHN H. ROBINSON, JOHN H. ROBINSON, JOHN H. ROBINSON, WIlliam H. ROBOITSON, WIlliam H. ROBOITSON, WIlliam H. ROBORGUEZ, ROSARIO I. RODORIGUEZ, ROSARIO I. RODORIGUEZ, ROSARIO I. RODORIGUEZ, ROSARIO I.	
RIVAS, LIUS W. RIVERA, CARLOS A. RIVERO, FELIPE J. RIZZO, JOHIN C. ROBALF. FREDERÍCK R. ROBERTS, DAVID L. ROBERTS, WILLIS A. ROBERTS, WILLIS A. ROBERTSON, ROBERT E. ROBERTSON, ROBERT E. ROBINSON, JEFREY D.	
RIVAS, LUIS W. RIVERA, CARLOS A. RIVERO, FELIPE J. RIZZO, JOHO C. ROBAL, FREDEFICK R. ROBERTS, CURTIS B. ROBERTS, DAVID L. ROBERTS, DAVID L. ROBERTS, WILLUS A. ROBERTS, WILLUS A. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, DON A. ROBINSON, JOHN A. ROBINSON, WIlliam H. ROBINSON, WIlliam H. ROBINSON, WIlliam S. RODRIGUEZ, JOSHUA J. RODRIGUEZ, JOSHUA J. RODRIGUEZ, JOSHUA J. RODRIGUEZ, RUBEN D. RODRIGUEZ, JURBIN D. RODRIGUEZ, SABA J. RODRIGUEZ, RUBEN D. RODRIGUEZ, RUBEN D.	
RIVAS, LUIS W. RIVERA, CARLOS A. RIVERO, FELIPE J. RIZZO, JOHIN C. ROBAL, FREDERICK R. ROBERTS, DAVID L. ROBERTS, DAVID L. ROBERTS, WILLIS A. ROBERTS, WILLIS A. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, ROBERT E. ROBINSON, DON A. ROBINSON, JEFFREY D. ROBINSON, WILLIAM R. ROBINSON, JEFFREY D. ROBINSON, JEFREY D. ROBINSON, JEFFREY D. ROBINSON, JEFFREY D. ROBINSON, JEFFREY D. ROBINSON, JEFFREY D. ROBINSON, JEFREY D. ROBINSON, JEFFREY D. ROBINSON, JEFREY D. ROBINSON, JEFREY D. ROBINSON, JEFREY D. R	
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RIVAS, LIUS W. RIVERO, FELIPE J. RIZZO, JOHN C. ROBLETS, CURLIS B. ROBERTS, DAVID L. ROBERTS, DAVID L. ROBERTS, WILLUS A. ROBERTS, WILLUS A. ROBERTS, ON BOWN B. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, ROBERT E. ROBINSON, DON A. ROBINSON, JOHN B.	
RIVAS, LUIS W. RIVERA, CARLOS A. RIVERO, FELIPE J. RIZZO, JOHO C. ROBAL, FREDERICK R. ROBERTS, DAVID A. ROBERTS, DAVID A. ROBERTS, DAVID L. ROBERTS, WILLIS A. ROBERTSON, ROBERT E. ROBERTSON, RICHARD W. ROBERTSON, ROBERT E. ROBINSON, DON A. ROBINSON, DEFFEY D. ROBINSON, DEFFEY D. ROBINSON, DAVID A. ROBINSON, DEFFEY D. ROBINSO	
RIVAS, LIUS W. RIVERA, CARLOS A RIVERO, FELIPE J. RIZZO, JOHN C. ROAL, FREDERÍCK R. ROBERTS, DAVIÓ A. ROBERTS, AVID L. ROBERTS, WILLIS A. ROBERTSON, ROBERT E. ROBERTSON, ROBERT E. ROBINSON, JEFREY D. ROBINS	
RIVAS, LUIS W. RIVERA, CARLOS A. RIVERO, FELIPE J. RIZZO, JOHO C. ROBAL, FREDEFICK R. ROBERTS, CURTIS B. ROBERTS, DAVID L. ROBERTS, DAVID L. ROBERTS, WILLIS A. ROBERTS, WILLIS A. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, ROBERT E. ROBINSON, DON A. ROBINSON, JOHN A. ROBINSON, JOHN H. ROBRIGUEZ, JOSHUA J. RODRIGUEZ, JOSHUA J. ROBRIGUEZ, MUBH D. RODRIGUEZ, MUBH D. RODRIGUEZ, MUBH D. ROBINGUEZ, WANDY F. ROBE, EIWIN C. ROSELER, MICHAEL J. ROGERS, RIAN A. ROGERS, AJSON D. ROHWER, RAY ROMON, LINGKE L.	
RIVAS, LIUS W. RIVERA, CARLOS A. RIVERO, FELIPE J. RIZZO, John C. ROAL, Frederick R. Roberts, Curtis B. Roberts, David A. ROBERTS, DAVID L. ROBERTS, WILLIS A. ROBERTS, WILLIS A. ROBERTSON, ROBERT E. ROBERTSON, RICHARD W. ROBERTSON, ROBERT E. ROBINSON, DON A. ROBINSON, JEFFREY D. ROBINSON, WILLIAM H. ROBINSON, WILLIAM H. ROBINSON, WILLIAM H. ROBINSON, JEFFREY D. RO	
RIVAS, LIUS W. RIVERA, CARLOS A RIVERO, FELIPE J. RIZZO, JOHN C. ROAL, FREDERÍCK R. ROBERTS, DAVID L. ROBERTS, DAVID L. ROBERTS, WILLIS A. ROBERTSON, ROBERT E. ROBERTSON, ROBERT E. ROBERTSON, ROBERT E. ROBINSON, JETREY D. ROBINSON, JORGE L. ROMER, JAMES D. ROSEPCRUM, EIE E.	
RIVAS, LUIS W. RIVERA, CARLOS A. RIVERO, FELIPE J. RIZZO, JOHO C. ROBAL, FREDEFICK R. ROBERTS, CURTIS B. ROBERTS, DAVID L. ROBERTS, DAVID L. ROBERTS, WILLIS A. ROBERTS, WILLIS A. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, ROBERT E. ROBINSON, DON A. ROBINSON, JOHN A. ROBINSON, JOHN H. ROBRIGUEZ, JOSHUA J. RODRIGUEZ, JOSHUA J. ROBRIGUEZ, MUBH D. RODRIGUEZ, MUBH D. RODRIGUEZ, MUBH D. ROBINGUEZ, WANDY F. ROBE, EIWIN C. ROSELER, MICHAEL J. ROGERS, RIAN A. ROGERS, AJSON D. ROHWER, RAY ROMON, LINGKE L.	
RIVAS, LIUS W. RIVERA, CARLOS A. RIVERO, FELIPE J. RIZZO, JOHO C. ROBAL, FREDERICK R. ROBERTS, DAVID A. ROBERTS, DAVID A. ROBERTS, DAVID L. ROBERTS, WILLIS A. ROBERTS, WILLIS A. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, ROBERT E. ROBINSON, DON A. ROBINSON, DON A. ROBINSON, JOHN B. ROBERTS, JASON B. ROBINSON, JOHN	
RIVAS, LIUS W. RIVERA, CARLOS A. RIVERO, FELIPE J. RIZZO, JOHIN C. ROAL, FREDERICK R. ROBERTS, DAVID A. ROBERTS, DAVID A. ROBERTS, DAVID L. ROBERTS, WILLIS A. ROBERTSON, ROBERT E. ROBERTSON, RICHARD W. ROBERTSON, ROBERT E. ROBINSON, DON A. ROBINSON, JEFFREY D. ROBINSON, DON A. ROBINSON, JEFFREY D. ROBINSON, DAVID A. ROBINSON, WILLIAM D. ROBINSON, WILLIAM D. ROBINSON, DAVID A. ROBINSON, WILLIAM D. ROBINSON, WILLIAM D. ROBINSON, WILLIAM D. ROBINSON, WILLIAM D. RODRIGUEZ, ROSARIO I. RODRIGUEZ, ROSARIO I. RODRIGUEZ, ROSARIO I. RODRIGUEZ, ROSARIO I. RODRIGUEZ, WANDY F. ROE, ELIWIN C. ROSELER, MICHAEL I. ROESLER, MICHAEL I. ROGERS, ASON D. ROMO, ENRIQUE RONDON, JORGE L. ROOMER, JAMES P. ROSKEP, MARIS P. ROSS, PARK J.	
RIVAS, LIUS W. RIVERA, CARLOS A. RIVERO, FELIPE J. RIZZO, JOHO C. ROBAL, FREDEFICK R. ROBERTS, DAVID L. ROBERTS, DAVID L. ROBERTS, DAVID L. ROBERTS, WILLUS A. ROBERTS, WILLUS A. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, ROBERT E. ROBINSON, DON A. ROBINSON, JOHN A. ROBINSON, WILLIAM B. ROBINSON, JOHN A. ROBINSON, J	
RIVAS, LUIS W. RIVERA, CARLOS A. RIVERO, FELIPE J. RIZZO, JOHO C. ROBAL, FREDERICK R. ROBERTS, DAVID L. ROBERTS, DAVID L. ROBERTS, WILLIS A. ROBERTS, WILLIS A. ROBERTSON, ROBERT E. ROBERTSON, RICHARD W. ROBERTSON, ROBERT E. ROBINSON, DON A. ROBINSON, DEFFEY D. ROBINSON, DIPHORY M. ROBINSON, DIPHORY M. ROBINSON, DEFFEY D. ROBINSON, DIPHORY M. ROBINSON, WILLIAM M. ROBINSON, WARNAN M. ROBINSON, RICHARD W. ROBERTSON, ROW W. ROBERTSON, ROW W. ROS, MARK J. ROBINSON, RICHARD W. ROBERTSON, ROW W. ROS, MARK J. ROCHARD W. ROBERTSON, ROW W. ROS, MARK J. ROCHARD W. ROS, ROW W. ROS, MARK J. ROCHARD W. ROS,	
RIVAS, LIUS W. RIVERA, CARLOS A RIVERO, FELIPE J. RIZZO, JOHN C. ROBAL, FREDERICK R. ROBERTS, DAVID L. ROBERTS, DAVID L. ROBERTS, WILLIS A. ROBERTSON, ROBERT S. ROBERTSON, ROBERT E. ROBERTSON, RICHARD W. ROBERTSON, ROBERT E. ROBINSON, JETFREY D. ROBINSON, JETFREY D. ROBINSON, JETFREY D. ROBINSON, JETREY D. ROBINSON, JORGE L. ROMON, LENRIOUE RONDON, JORGE L. ROOMER, JAMES P. ROSS, MARK J. ROTHUS, JOHN A. ROUKER, JAMES P. ROSS, MARK J. ROTHUS, JOHN A. ROUKER, JAMES P. ROSS, MARK J. ROTHUS, JOHN A. ROUKER, JAMES P. ROSS, MARK J. ROTHUS, JOHN A. ROUKER, JOHN A. ROUKER, JAMES P. ROSS, MARK J.	
RIVAS, LUIS W. RIVERA, CARLOS A. RIVERO, FELIPE J. RIZZO, JOHO C. ROBAL, FREDEFICK R. ROBERTS, DAVID L. ROBERTS, DAVID L. ROBERTS, WILLUS A. ROBERTS, WILLUS A. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, RICHARD W. ROBERTSON, ROBERT E. ROBINSON, DON A. ROBINSON, JOHN H.	
RIVAS, LIUS W. RIVERA, CARLOS A RIVERO, FELIPE J. RIZZO, JOHN C. ROBAL, FREDERICK R. ROBERTS, DAVID L. ROBERTS, DAVID L. ROBERTS, WILLIS A. ROBERTSON, ROBERT S. ROBERTSON, ROBERT E. ROBERTSON, RICHARD W. ROBERTSON, ROBERT E. ROBINSON, JETFREY D. ROBINSON, JETFREY D. ROBINSON, JETFREY D. ROBINSON, JETREY D. ROBINSON, JORGE L. ROMON, LENRIOUE RONDON, JORGE L. ROOMER, JAMES P. ROSS, MARK J. ROTHUS, JOHN A. ROUKER, JAMES P. ROSS, MARK J. ROTHUS, JOHN A. ROUKER, JAMES P. ROSS, MARK J. ROTHUS, JOHN A. ROUKER, JAMES P. ROSS, MARK J. ROTHUS, JOHN A. ROUKER, JOHN A. ROUKER, JAMES P. ROSS, MARK J.	

RUNZLER, DANIEL J	2017
RUSKIN, SCOTT D	
Russell, James W.	
RYAL, MARK D	1990
RYAN, MICHAEL J	19/4
S (197)	
SADLER, CASEY S	2014-19
SADLER, RAYMOND L	2009
SADOWSKI, JAMES M	
Saier. Victor S.	1919
Saier, Victor S	2008
SALAZAR, JEFFREY D	2009
Sales, Edward A.	
Salkeld, William F.	1945-47
Saltzgaver, Otto H. Salveson, John T.	1945
SAMUELS, ROGER H.	1989
SANCHEZ, ANGEL L	
SANCHEZ, DUANERSANCHEZ, FREDERICK P	
SANCHEZ, FREDERICK FSANCHEZ, GABRIEL	2004-00
SANCHEZ, GABRIEL SANCHEZ, JONATHAN 0 SANCHEZ, JORGE A SANCHEZ, JORGE A	2013
SANCHEZ, JORGE ASANCHEZ, ROMULO I	2013-15 2007-09
SANDERS, REGINALD L.	2007 00
Sanders, Roy G	1918
Sandlock, Michael J	1955
Sands, Charles D	1998
SANGUILLEN, MANUEL D1967	, 69-76,78-80
Sankey, Benjamin T	
SANTIAGO, BENITO R	
SANTOS, VICTOR I	2006
SARMIENTO, MANUEL ESASSER, MACK D	1007 100
SAUERBECK, SCOTT W	1999-2003
SAUVEUR, RICHARD D	
SAVAGE, THEODORE ESCAHILL, ROBERT J.	1963 2015-16
Scanlan, William D	1903-04
Schang, Robert M	1914-19
Scheeren, FrederickScheibeck, Frank S.	1894-15
Scheneberg, John B	1913
Schenz, Henry L	
SCHMIDT, JASON D	
Schmit, Frederick M	1890
SCHOFIELD, J. RICHARD Schourek, Peter A	1958-65
Schriver, William F	
SCHUGEL, ANDREW J	2016-17
Schulte, Frank M	1916-17
Schulte, Fred W Schultz, Joseph C., Sr. Schultz, Joseph C., Jr.	1916
Schultz, Joseph C., Jr	1939-4
Schultz, Robert D	
Schuster, William C	
SCHWALL, DONALD B	1963-66
Scott, Floyd J	
Scott, John W	1980-85
Sebring, James D	1902-04
Senerchia, Emanuel R	
Sewell, Truett B	1938-49
Shafer, Ralph NShannon, William P.	1914
Shannon, William P	1908
Sharpe, Bayard H	
SHARPLESS, JOSHUA D	2006-07
Shaw, Benjamin N	1917-18
Shaw, Royal N. Sheehan, Thomas C. Sheehan, Thomas H.	1925-26
Sheehan, Thomas H	1906-07
Sheely, Earl H	1929
SHELTON, BENJAMIN D., JR	
Shepard, Jack L	1953-56
SHORT, WILLIAM R	1967
Shovlin, John J	191
Shugart, Frank H	1891-93
Shuman, Harry	
Sicking, Edward J	1914-16
SILVA, JOSE L	1997-200
Simon, Michael E	1909-13

SIMON, RANDA Simpson, Harr Singleton, B. SISK, TOMMIE					
Singleton, B.					
Skiff, William					
SKINNER, ROB					
SKRMETTA, MA					
Slapnicka, Cyr					
SLATEN, DOUG					
Slattery, Philip) R		 		1915
SLAUGHT, DON	NALD M		 		1990-95
SMILEY, JOHN					
SMITH, BRIAN					
Smith, Charles	i М		 		1887-89
Smith, Earl C.			 		1955
Smith, Earl S.					1924-28
Smith, Elmer I					
Smith, George					
Smith, Harold					
Smith, Harold					
SMITH, HAROL	.D W		 		1960-61
Smith, Harry 1					
Smith, James					
SMITH, JAMES					
Smith, John F.					
Smith, Judson					
Smith, Lewis (
SMITH, LONNII					
SMITH, MARK					
SMITH, MICHA					
SMITH, PAUL L					
SMITH, RICHA	RD H		 		1951-55
Smith, Robert					
Smith, Sherro					
Smith, Sydney					
Smith, Vincen					
Smith, Willard					
SMITH, ZANE V	N		 	. 1990-	94, 1996
Smykal, Frank	1				1916
SNELL, IAN D.					
SNIDER, TRAV					
SNYDER, CHRI	STOPHER		 		2010-11
SODOWSKY, C	LINT R		 		1997
SOJO, LUIS					
Solomon, Edd					
Songer, Donal					
SORIA, JOAKII					
Sothern, Denn					
Southworth, V					
Sowders, Willi	am J		 		1889-90
SPARKS, STEP	HEN L JR		 		2000
Sparks, Thoma					
Spencer, Gleni					
Spencer, Roy I					
SPRAGUE JR.,					
SPRIGGS, GEO					
Spurney, Edwa					
STAIRS, MATTI					
Staley, Henry					
STALLINGS, JA	COB D.		 		2016-17
Stankard, Tho					
Stargell, Wilve					
Starr, Charles					
Starr, Raymon	id F		 		
					1944-45
Steele, Elmer I					
Steele, Elmer					. 1910-11
Steele, Elmer I Steele, Robert			 		. 1910-11 . 1917-18
Steele, Elmer Steele, Robert Steere, Fred E.			 	 	. 1910-11 . 1917-18 1894
Steele, Elmer Steele, Robert Steere, Fred E. Steinecke, Wil	liam R		 		. 1910-11 . 1917-18 1894 1931
Steele, Elmer Steele, Robert Steere, Fred E. Steinecke, Wil Steineder, Ray	liam R mond J		 		. 1910-11 . 1917-18 1894 1931 1923-24
Steele, Elmer Steele, Robert Steere, Fred E. Steinecke, Wil	liam R mond J		 		. 1910-11 . 1917-18 1894 1931 1923-24
Steele, Elmer I Steele, Robert Steere, Fred E. Steinecke, Wil Steineder, Ray Stengel, Charl	lliam R /mond J es D		 		. 1910-11 . 1917-18 1894 1931 1923-24 . 1918-19
Steele, Elmer I Steele, Robert Steere, Fred E. Steinecke, Wil Steineder, Ray Stengel, Charl STENNETT, REI	lliam R /mond J es D		 		. 1910-11 . 1917-18 1894 1931 1923-24 . 1918-19 1971-79
Steele, Elmer I Steele, Robert Steere, Fred E. Steinecke, Wil Steineder, Ray Stengel, Charl STENNETT, REI Stenzel, Jacob	lliam R /mond J es D NALDO A		 		. 1910-11 . 1917-18 1894 1931 1923-24 . 1918-19 1971-79 1892-96
Steele, Elmer I Steele, Robert Steere, Fred E. Steinecke, Wil Steineder, Ray Stengel, Charl STENNETT, REI Stenzel, Jacob Stevens, Edwa	lliam R /mond J es D NALDO A C		 		. 1910-11 . 1917-18 1894 1931 1923-24 . 1918-19 1971-79 1892-96 1948-50
Steele, Elmer I Steele, Robert Steere, Fred E. Steinecke, Wil Steineder, Ray Stengel, Charl STENNETT, REI Stenzel, Jacob Stevens, Edwa Stevens, R. C.	lliam R		 		. 1910-11 . 1917-18 1894 1931 1923-24 . 1918-19 1971-79 1892-96 1948-50
Steele, Elmer I Steele, Robert Steere, Fred E. Steinecke, Wil Steineder, Ray Stengel, Charl STENNETT, REI Stenzel, Jacob Stevens, Edwa Stevens, R. C. STEWART, CHF	lliam R				. 1910-11 . 1917-18 1894 1931 1923-24 . 1918-19 1971-79 1892-96 1948-50 1958-60 2014-17
Steele, Elmer I Steele, Robert Steere, Fred E. Steinecke, Wil Steineder, Ray Stengel, Charl STENNETT, REI STENNETT, REI Stevens, Edwa Stevens, R. C. STEWART, CHI Stewart, Edwa	liam R				. 1910-11 . 1917-18 1894 1931 1923-24 . 1918-19 1971-79 1892-96 1948-50 1958-60 2014-17 .1941-42
Steele, Elmer I Steele, Robert Steere, Fred E. Steinecke, Wil Steineder, Ray Stengel, Charl STENNETT, REI STENNETT, REI Stevens, Edwa Stevens, R. C. STEWART, CHI Stewart, Edwa	liam R				. 1910-11 . 1917-18 1894 1931 1923-24 . 1918-19 1971-79 1892-96 1948-50 1958-60 2014-17 .1941-42
Steele, Elmer I Steele, Robert Steere, Fred E. Steinecke, Wil Steineder, Ray Stengel, Charl STENNETT, REI Stenzel, Jacob Stevens, Edwa Stevens, R. C. STEWART, CHI Stewart, Edwa Stewart, John	lliam R				. 1910-11 . 1917-18 1894 1931 1923-24 . 1918-19 1971-79 1892-96 1948-50 1958-60 2014-17 . 1941-42 1922
Steele, Elmer I Steele, Robert Steere, Fred E. Steinecke, Will Steineder, Ray Stengel, Charl STENNETT, REI Stevens, Edwa Stevens, R. C. STEWART, CHR Stewart, Edwa Stewart, John Stone, E. Arn	lliam R				. 1910-11 . 1917-18 1894 1931 1923-24 . 1918-19 1971-79 1892-96 1948-50 1958-60 2014-17 . 1941-42 1922
Steele, Elmer I Steele, Robert Steere, Fred E. Steinecke, Wil Steineder, Ray Stengel, Charl STENNETT, REI Stenzel, Jacob Stevens, Edwa Stevens, R. C. STEWART, CHI Stewart, Edwa Stewart, John Stone, E. Arn Stoner, Ulysse	lliam R				. 1910-11 . 1917-18 1894 1931 1923-24 . 1918-19 1971-79 1892-96 1948-50 1958-60 2014-17 1922 1923-24
Steele, Elmer I Steele, Robert Steere, Fred E. Steinecke, Will Steineder, Ray Stengel, Charl STENNETI, BEI STENNETI, BEI STENNET	lliam R				. 1910-11 . 1917-18 1894 1931 1923-24 . 1918-19 1971-79 1892-96 1948-50 1958-60 2014-17 1922 1923-24
Steele, Elmer I Steele, Robert Steen, Fred E. Steinecke, Wil Steineder, Ray Stengel, Charl Stenzel, Jacob Stevens, Edwa Stevens, R. C. STEWART, CHI Stewart, Edwa Stewart, John Stone, E. Arn Stone, I Ulyse Storke, Alan M STRANGE, J. D	lliam R)			. 1910-11 . 1917-18 1894 1931 1923-24 . 1918-19 1971-79 1892-96 1948-50 1958-60 2014-17 1922 1923-24
Steele, Elmer I Steele, Robert Steere, Fred E. Steinecke, Will Steineder, Ray Stengel, Charl Stenzel, Jacob Stevens, Edwa Stewart, Edwa Stewart, John Stone, E. Arn Stone, E. Arn Stone, Lilysse Storke, Alan M Storke, J. D	lliam R)			. 1910-11 . 1917-18 1894 1931 1923-24 . 1918-19 1971-79 1892-96 1948-50 1958-60 2014-17 1922 1923-24
Steele, Elmer I Steele, Robert Steere, Fred E. Steinecke, Will Steineder, Ray Stengel, Charl STENNETT, RE Stevens, R. C. STEWART, CHS Stewart, John Stone, E. Arn Stoner, Ulysse Stewart, John Stone, J. D STRANGE, J. D Stratton, C. S	lliam R	L			. 1910-11 . 1917-18 1894 1931 1923-24 . 1918-19 1971-79 1892-96 1948-50 1958-60 2014-17 .1941-42 1922 1923-24
Steele, Elmer I Steele, Robert Steen, Frad E. Steinecke, Wil Steineder, Ray Stengel, Charl Stevens, R. C. STEWART, Left Stevens, R. C. STEWART, John Stevens, Charles Stevens, C	iliam R				. 1910-11 . 1917-18 . 1917-18 . 1933-24 . 1918-19 1971-79 1892-96 1948-50 2014-17 . 1941-42 . 1922-24
Steele, Robert Steele, Robert Steinecke, Wil Steineder, Ray Stengel, Charl Stengel, Charl Stevens, Edwa Stevens, Edwa Stevens, R.C. STEWART, CHI Stewart, John Stone, E. Arn Stoner, Ulysse Storke, Alam M STRANGE, J. D Stratton, C. S Strickland, Ge Strincevich, Mi	lliam R			941-42,	. 1910-11 . 1917-18 . 1917-18 . 1917-18 . 1931-1923-24 . 1918-19 1971-79 1892-96 1948-50 2014-17 . 1941-42 . 1923-24 . 1923-24 . 1930-09 1906-09 1918-1919 1950-52 1944-48
Steele, Elmer I Steele, Robert Steene, Fred E Steinecke, Wil Steineder, Ray Sterngel, Charl Sternel, Jacob Stevens, E. C. STEWART, CHI Stewart, Lohn Stewart, John Stone, E. Arm Storke, Alan M STRANGE, J. D Stratton, C. S Strickland, Ge Stricken, Ni Stroner, Jame	lliam R. mond J. es D. NALDO A. C. crd L. RISTOPHER D ard P. F. old. L. OUGLAS. Cott orge B. icholas M. s M.			941-42,	. 1910-11 . 1917-18 . 1917-18 . 1917-18 . 1931-1923-24 . 1918-19 . 1971-79 . 1992-96 . 1998-90 .
Steele, Robert Steele, Robert Steinecke, Wil Steineder, Ray Stengel, Charl Stengel, Charl Stevens, Edwa Stevens, Edwa Stevens, R.C. STEWART, CHI Stewart, John Stone, E. Arn Stoner, Ulysse Storke, Alam M STRANGE, J. D Stratton, C. S Strickland, Ge Strincevich, Mi	lliam R. mond J. es D. NALDO A. C. crd L. RISTOPHER D ard P. F. old. L. OUGLAS. Cott orge B. icholas M. s M.			941-42,	. 1910-11 . 1917-1894
Steele, Robert Steele, Robert Steere, Fred E. Steinecke, Wil Steineder, Ray Stengel, Charl Stengel, Charl Steenye, Edward Steenye, Edward Stevens, Edward, Jacob Stevens, Edward, Lacob Stewart, Edward, Stewart, John Stone, E. Arn Stranke, J. Data Stranke, J. Dat	iliam R. Immond J. I				. 1910-11 . 1917-1894 . 1917-1894 . 1923-24 . 1918-199 . 1971-799
Steele, Robert Steere, Robert Steere, Robert Steere, Robert Steere, Fred E. Steinecke, Wil Steineder, Ray Stengel, Charl Stenzel, Lacob Stevens, Edwa Stevens, Edwa Stevens, Edwa Stevens, R. C. STEWART, Left Stewart, John Stewart, John Stewart, John Stevens, Edwa Stevens, Edwa Stevens, Edwa Stewart, John Stewart, John Stewart, John Strone, E. Arm Stoner, Ulysse Storke, Alan M Stroner, Ulysse Storke, Alan M Stroner, Lame Strickland, Ge Str	lliam R. ymond J. es D. NALDO A. C. erd L. RISTOPHER D. F. old. s S. G. L. orge B. cott orge B. s M. s M. s M.			941-42,	. 1910-11 . 1917-18 . 1917-18 . 1917-18 . 1934 . 1931 . 1918-19 . 1932-24 . 1918-19 . 1958-60 . 2014-17 . 1941-42 . 1922-24 . 1930 . 1930 . 1938 . 1991 . 1922 . 1930 . 1938 . 1930 . 1938 . 1939 . 1938 . 1939 . 1938 . 1939 . 1938 . 1938 . 1939 . 1938 . 19
Steele, Robert Steere, Robert Steere, Robert Steere, Fred E. Steinecke, Wil Steineder, Ray Steineder, Ray Stenzel, Jacob Stevens, Edwart Stevart, John Store, Edwart,	iliam R. ymond J. es D. NALDO A. C. RISTOPHER D ard P. F. old. S. S. G. L. OUGLAS. cott. oorge B. icholas M. s M. es H. d L. n A.				. 1910-11 . 1917-1817-18 . 1931 1923-24 . 1918-19 1971-79 1892-96 1948-20 2014-17 . 1922-24 . 1932-24 . 1930-09 1998-60 . 1891 1950-52 1944-48 . 1929-1944-48 . 1929-1944-48 . 1929-1944-48
Steele, Robert Steere, Fred E. Steinecke, Wil Steele, Robert Steere, Fred E. Steinecke, Wil Steineder, Ray, Stengel, Charl STENNETT, REI STENZE, Jacob Stevens, Edwar Stevens, R. C. STEWART, CHI. Stewart, Edwart, Ed	iliam R. ymond J. es D. NALDO A. C. ard L. SISTOPHER D ard P. F. old. S S. G. L. OUGLAS. cott orge B. icholas M. s M. ee H. d L. m A.				. 1910-11 . 1917-1817-18 . 1931 1923-24 . 1918-19 1971-79 1892-96 1948-50 1958-60 2014-17 . 1922-24
Steele, Bimer I Steele, Robert Steere, Fred E. Steinecke, Wil Steineder, Ray Steineder, Ray Steineder, Ray Stengel, Charl Stewnert, Tenerel Stenzel, Jacob Stevens, Edwart, Ed	iliam R. ymond J. ses D. NALDO A. crd L. RISTOPHER D. F. old . ss S. G. . cott cott cott cott morge B. icholas M. s M. s M. d L. n A. stopher D. stopher D.			941-42,	. 1910-11. 1917-1817-1819-1917-1819-1918-1919-1918-1919-1918-1919-1918-1919-1918-1919-1918-1919-1918-1919-1918-1919-1918-1919-1918-1919-1918-1919-1918-1919-1918-1919-1918-1919-1918-1919-1918-1919-1918-
Steele, Robert Steere, Fred E. Steinecke, Wil Steineder, Ray Steineder, Ray Steineder, Ray Stengel, Charl STENNETT, REI STENNETT, REI STENNETT, BEI STEWART, LIM STEWART, Edw. STEWART,	iliam R. ymond J. es D. NALDO A. C. ord L. SISTOPHER D. ard P. F. old. old. output orge B. icholas M. s M. ee H. d d L. n A. ymas V. STOPHER D. ss J.			941-42,	. 1910-11. 1917-1819-1917-1819-195-2919
Steele, Robert Steere, Robert Steere, Robert Steere, Robert Steere, Fred E. Steinecke, Will Steineder, Ray Stengel, Charl STENNETT, REI STENRETT, BEI STENRET, BEI STENRET, BEI STEWART, LHS Stewart, Edw. Stevens, R. C. STEWART, Edw. Stewart, Edw. Stewart, Edw. Stewart, John Stone, E. Arm Stoner, Llysse Storke, Alan M STRANGE, J. D. Stratton, C. S Strickland, Ge Strincevich, Ni Stroner, Jame Strukart, William Stuart, William Stuart, William Stuart, William Stuart, Richard Stuart, Richard Stuart, Kichard Stuart, Richard Stuart, Kichard Stuart, Richard Stuart, Kichard Stuart, Milliam Studen, Joseph Studen, Joseph Studen, Joseph Sugden, Joseph Sugden, Joseph	iliam R. ymond J. es D. ymond J. es D. NALDO A. C C ard L RISTOPHER D ard P. F. Old s S. S. G. L. Cott orge B. Ctholas M. se H. d L mas V. STOPHER D. styles I. styles II. styles I. styles I			9941-42,	. 1910-11. 1917-18 1917-18 1923-24 1918-19 1927-29 1948-50 1958-60 2014-17 1941-42 1923-24 1918-19 1958-60 1958-60 1958-60 1958-60 1958-60 1958-60 1958-60 1958-60 1958-60 1958-60 1958-60 1958-60 1958-60 1958-60 1958-60 1958-60 1958-60
Steele, Elmer I Steele, Benri Steele, Boert Steere, Fred E Steinecke, Wil Steineder, Rag, Stengel, Charl STENNETT, REI STENNETT, REI STENNETT, BEI STENNETT, BEI STEWART, LIM STEWART, Elm Stewart, Edw. Strone, Jame Strust, Garen. Strust, Garen. Stuart, Richans Sturdivan, The STYNES, CHRIS Sutcheki, Jame Stryes, Christian Stryes, CHRIS Sutcheki, Jame Stryes, Christian Str	iliam R. ymond J. es D. ymond J. es D. NALDO A. C C ard L RISTOPHER D ard P. F. Old s S. S. G. L. Cott orge B. Ctholas M. se H. d L mas V. STOPHER D. styles I. styles II. styles I. styles I			9941-42,	. 1910-11 . 1917-18 1894 1894 1923-24 . 1918-19 1971-79 1971-79 1941-42 1922 1923-24
Steele, Robert Steere, Robert Steere, Robert Steere, Robert Steere, Fred E. Steinecke, Will Steineder, Ray Stengel, Charl STENNETT, REI STENRETT, BEI STENRET, BEI STENRET, BEI STEWART, LHS Stewart, Edw. Stevens, R. C. STEWART, Edw. Stewart, Edw. Stewart, Edw. Stewart, John Stone, E. Arm Stoner, Llysse Storke, Alan M STRANGE, J. D. Stratton, C. S Strickland, Ge Strincevich, Ni Stroner, Jame Strukart, William Stuart, William Stuart, William Stuart, William Stuart, Richard Stuart, Richard Stuart, Kichard Stuart, Richard Stuart, Kichard Stuart, Richard Stuart, Kichard Stuart, Milliam Studen, Joseph Studen, Joseph Studen, Joseph Sugden, Joseph Sugden, Joseph	iliam R. ymond J. es D. NALDO A. C. Card L. RISTOPHER D. es S. G. L. OUGLAS. cott oorge B. cholas M. es H. d L. STOPHER D. es J. STOPHER D. es J. R. STOPHER D. es J. R. R. R. R. STOPHER D. es J. R. R. R. R. R. R. R. R. R.			941-42,	. 1910-118 . 1917-18 . 1917-18 . 18944 . 1918-19 . 1918-19 . 1923-24 . 1918-19 . 1928-29 . 1948-50 . 1948-50 . 1948-50 . 1948-50 . 1958-60 . 1958-60 . 1958-60 . 1958-60 . 1958-60 . 1958-60 . 1958-61 . 1958-62 . 1958-62 . 1958-62 . 1958-62 . 1958-62 . 1958-62 . 1958-63 . 2004 . 1958-62 . 1958-63 . 2004 . 1958-63 . 2004 . 1958-63 . 2004 . 1958-63 . 1961-63
Steele, Robert Steere, Robert Steere, Robert Steere, Fred E. Steinecke, Wil Steineder, Ray Steineder, Ray Stengel, Charl STENNETT, REI Stenzel, Jacob Stevens, Edwart, Struart, Struart	lliam R. ymond J. es D. NALDO A. C. ard L. RISTOPHER D. F. old. output control s M. control contro	<u> </u>		941-42,	. 1910-11. 1917-18 1917-18 1923-24 1918-19 1971-79 1971-79 1958-60 1948-50 1948-50 1948-50 1948-50 1948-50 1948-70 1958-60 195

	10.47	WEST BANKER #	2000	MERC NE L C	1005 00
Sullivan, William J., Jr.		VEAL, DONALD T		Willis, Victor G	
Summa, Homer W		VEAL, ORVILLE I		Willoughby, Claude W WILLS, MAURICE M	
Sunday, William A		VEALE, ROBERT A			
SUPPAN, JEFFREY S		Veil, Frederick W Veltman, Arthur P		Wilson, Arthur E	
Susce, George C		VERAS, JOSE E		WILSON, ENRIQUE M	
SUTTON, STEPHEN DREW		Vernon, James B		WILSON, GARY M	
				WILSON, GART M	
SVEUM, DALE C	1007.00	VILLONE, RONALD T			
Swacina, Harry J		VIOX, James HVIRDON. WILLIAM C		Wilson, Grady H	
SWANSON, ARTHUR L				WILSON, JACK E	
Swartwood, Cyrus E		VIRGIL, OSVALDO J		Wilson, John O	
Sweeney, Edward F		Vitelli, A. Joseph		WILSON, JUSTIN S	
Sweeney, Henry L		VOGELSONG, RYAN A		Wilson, Samuel M	
Swetonic, Stephen A		VOLQUEZ, EDINSON		Wilson, William G	
Swift, William V		VOLSTAD, CHRISTOPHER K	2015	Wiltse, Lewis D	
Swigart, Oadis V	1939-40			Windle, Willis B	
_		W (118)		Winham, Lafayette S	
T (53)		(118)		WINN, JAMES F	
		Wacker, Charles J.	1000	Wise, Roy 0	
TABAKA, JEFFREY J				Wisner, John H	
TABATA, JOSE N	2010-15	Waddell, George E		WISSMAN, DAVID A	
TAILLON, JAMESON L	2016-17	Wade, Benjamin S		Witt, George A	1957-61
TAKAHASHI, HISANORI	2012	Wagner, John P. "Honus"		Wolfe, Edward A	
Tannehill, Jesse N		WAGNER, PAUL A		Wolfe, Harold	
TASCHNER, JACK G	2010	Wagner, William J		Wolfe, Roger F	
Tate, Walter A		WAINHOUSE, DAVID		Wolter, Harry M	
TAUBENHEIM, TY A		WAKEFIELD, TIMOTHY S		WOMACK, ANTHONY D	
Tauscher, Walter E		WALK, ROBERT V		Wood, Charles A	
TAVAREZ, JULIAN		Walker, Fred E	1948-49	WOOD, R. BRANDON	
TAVERAS, FRANKLIN F		WALKER, J. LUKE		Wood, Roy W	
TAYLOR. CARL M		WALKER, NEIL M	2009-15	WOOD, TIMOTHY D	
		WALL, JOSHUA M	2015	WOOD, HINDING D	
TAYLOR, DONALD C		Wallace, James L		Woodcock, Fred W	
TAYLOR, WILLIAM H		WALLACE, JEFFREY A		Woodcock, Fred W	
TEKULVE, KENTON C		Walls, R. Lee			
TENACE, F. GENE		Walsh, Cornelius		Woods, Walter S	1900
TERRELL, CHARLES W		Walsh, James G		WORLEY, VANCE R	
Terry, William H		Walter, James B		Workman, Charles T	
Terry, Z. Alexander				WOTUS, RONALD A	
Thevenow, Thomas J		WALTON, REGINALD S		Wright, David W	
Thies, Vernon A	1954-55	Waner, Lloyd J		Wright, F. Glenn	
THOMAS, JUSTIN J	2010	Waner, Paul G		Wright, Joseph	
THOMAS, FRANK J	1951-58	Ward, Charles W		WYNNE, MARVELL	1983-85
Thomas, Roy A		WARD, DARYLE L		Wyrostek, John B	
THOMPSON, AARON		Ward, Frank G			
THOMPSON, JASON D		Ward, Preston M		3 /	
Thompson, John G		WARD, TURNER M		Y (15)	
Thompson, L. Fresco		Warner, Edward E		***	
Thompson, Will M		Warner, Hoke H		Yaik. Henry	1989
TIANT, LUIS C		Warwick, Firman N		YATES, TYLER K	
		Wasdell, James C		Yde, Emil O	
TIBBS, JAY L		WASDIN, JOHN T			
Tierney, James A		WASHINGTON, U.L		Yeager, George J	
Tising, John J		Waters, Fred W		Yellowhorse, Moses J	
Tobin, James A		Watson, John R		Yochim, Leonard J	
Todd, Alfred C		WATSON, ANTHONY M		YORK, MICHAEL D	
TOLAN, ROBERT		Waugh, James E		YOUMAN, SHANE D	
TOLIVER, FREDDIE L		Weaver, Arthur C		YOUNG, DELWYN R	2009-2010
TOMBERLIN, ANDY L				Young, Harlan E	
TOMLIN, DAVID A		Weaver, James D		Young, Irving M	
TOMLIN, RANDY L		Weaver, William B		YOUNG, KEVIN S	
TOREGAS, WYATT R		Webb, Cleon E		Young, L. Floyd	
TORRES, SALOMON	2002-07	Webb, William J		Youngman, Henry	
Tost, Louis E	1947	WEBSTER, MITCHELL D		Yount, F. Edwin	
		WEHNER, JOHN P			
Traynor, Harold J	1920-35, 1937				
Traynor, Harold J		Welch, John V.	1936	7	
	1999	WELKER, MATTHEW S		Z (9)	
TREMIE, CHRISTOPHER J Trimble, Joseph G		WELKER, MATTHEW S		Z (9)	
TREMIE, CHRISTOPHER J		WELKER, MATTHEW S Wells, Robert K Wengert, Donald P			1977
TREMIE, CHRISTOPHER J. Trimble, Joseph G. Truax, Frederick W. Truby, Harry G.		WELKER, MATTHEW S		Zachary, W. Christopher	
TREMIE, CHRISTOPHER J. Trimble, Joseph G. Truax, Frederick W. Truby, Harry G. TUDOR, JOHN T.		WELKER, MATTHEW S Wells, Robert K Wengert, Donald P		Zachary, W. Christopher	2013
TREMIE, CHRISTOPHER J. Trimble, Joseph G. Truax, Frederick W. Truby, Harry G. TUDOR, JOHN T. TUNNELL, B. LEE		WELKER, MATTHEW S		Zachary, W. Christopher ZAGURSKI, MICHAEL J Zak, Frank T.	
TREMIE, CHRISTOPHER J. Trimble, Joseph G. Trudy, Frederick W. Truby, Harry G. Tudor, John T. Tunneil, B. Lee Turner, Earl E.		WELKER, MATTHEW S WELLS, ROBERT K WENGERT, DONALD P. Werle, William G. West, Max E. WESTLAKE, WALDON T.		Zachary, W. Christopher ZAGURSKI, MICHAEL J Zak, Frank T. ZASKE, L. JEFFREY	
TREMIE, CHRISTOPHER I. Trimble, Joseph G. Truax, Frederick W. Truby, Harry G. TUDOR, JOHN T. TUNNELL, B. LEE Turner, Earl E. Turner, Terenee L.		WELKER, MATTHEW S WELLS, ROBERT K. WENGERT, DONALD P. Werle, William G. West, Max E. WESTLAKE, WALDON T. Weyling, August P.		Zachary, W. Christopher	
TREMIE, CHRISTOPHER J. Trimble, Joseph G. Trudy, Frederick W. Truby, Harry G. Tudor, John T. Tunneil, B. Lee Turner, Earl E.		WELKER, MAITHEW S WELLS, ROBERT K. WENGERT, DONALD P. Werle, William G. West, Max E. WESTLAKE, WALDON T. Weyhing, August P. Wheeler, Floyd C.		Zachary, W. Christopher ZAGURSKI, MICHAEL J Zask, Frank T ZASKE, L . JEFFREY Ziegler, George J Zimmer, Charles L	
TREMIE, CHRISTOPHER J. Trimble, Joseph G. Trubay, Frederick W. Truby, Harry G. TUDOR, JOHN T. TUNNELL, B. LEE Turner, Farrence L. Tutwier, Elmer S.		WELKER, MAITHEWS WELLS, ROBERT K. WEMGERT, DONALD P. Werle, William G. West, Max E. WESTLAKE, WALDON T. Weyhing, August P. Wheeler, Floyd C. White, James L.		Zachary, W. Christopher	
TREMIE, CHRISTOPHER J. Trimble, Joseph G. Trubay, Frederick W. Truby, Harry G. TUDOR, JOHN T. TUNNELL, B. LEE Turner, Farrence L. Tutwier, Elmer S.		WELKER, MATTHEW S WELLS, ROBERT K. WEMGERT, DONALD P. Werle, William G. West, Max E. WESTLAKE, WALDON T. Weyhing, August P. Wheeler, Floyd C. White, James L. White, James L. White, Jiwe K.		Zachary, W. Christopher ZAGURSKI, MICHAEL J Zak, Frank T. ZASKE, L. JEFFREY Tiegler, George I. Zimmer, Charles L. Zinn, James E. ZISK, BICHARD W.	
TREMIE, CHRISTOPHER J. Tirmble, Joseph G. Truby, Harry G. Truby, Harry G. TUDOR, JOHN T. TUNNELL, B. LEE Turner, Earl E. Turner, Terrence L. Tutwlier, Elmer S.		WELKER, MATTHEW S WELLS, ROBERT K. WENGERT, DONALD P. Werle, William G. West, Max E. WESTLAKE, WALDON T. Weyhing, August P. Wheeler, Floyd C. White, James L. White, Oliver K. WHITE, RICHARD A.		Zachary, W. Christopher	
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TREMIE, CHRISTOPHER I. Trimble, Joseph G. Truax, Frederick W. Truby, Harry G. TruboR, John T. TUNNELL, B. LEE Turner, Earl E. Turner, Jerrence L. Tutwiler, Elmer S.		WELKER, MATTHEW S WELLS, ROBERT K. WEMGERT, DONALD P. Werle, William G. West, Max E. WESTLAKE, WALDON T. Weyhing, August P. Wheeler, Floyd C. White, James L. White, James L. White, James A. Whitheward, Burgess U. Whithead, Burgess U. Whitney, Arthur W.		Zachary, W. Christopher ZAGURSKI, MICHAEL J Zak, Frank T. ZASKE, L JEFFREY Ziegler, George J. Zimmer, Charles L. Zinn, James E ZISK, RICHARD W. Zitzmann, William A.	
TREMIE, CHRISTOPHER I. Trimble, Joseph G. Truax, Frederick W. Truby, Harry G. TruboR, John T. TUNNELL, B. LEE Turner, Earl E. Turner, Jerrence L. Tutwiler, Elmer S.		WELKER, MATTHEWS WELLS, ROBERT K. WENGERT, DONALD P. Werle, William G. West, Max E. WESTLAKE, WALDON T. Weyhing, August P. Wheeler, Floyd C. White, James L. White, Oliver K. WHITE, RICHARD A. Whitehead, Burgess U. Whitney, Arthur W. WHITSON, EDDIE L.		Zachary, W. Christopher ZAGURSKI, MICHAEL J Zak, Frank T. ZASKE, L. JEFFREY Tiegler, George I. Zimmer, Charles L. Zinn, James E. ZISK, BICHARD W.	
TREMIE, CHRISTOPHER I. Trimble, Joseph G. Truax, Frederick W. Truby, Harry G. Trubor, John T. TUNNELL, B. LEE Turner, Earl E. Turner, Ference L. Tutwiler, Elmer S. U (1) Umbricht, James .		WELKER, MAITHEW S WELLS, ROBERT K. WEMGERT, DONALD P. Werle, William G. West, Max E. WESTLAKE, WALDON T. Weyhing, August P. Wheeler, Floyd C. White, James L. White, Oliver K. WHITE, RICHARD A. Whitehad, Burgess U. Whitney, Arthur W. WHITSON, EDDIE L. Whitton, George B.		Zachary, W. Christopher ZAGURSKI, MICHAEL J Zak, Frank T. ZASKE, L JEFFREY Ziegler, George J. Zimmer, Charles L. Zinn, James E ZISK, RICHARD W. Zitzmann, William A.	
TREMIE, CHRISTOPHER I. Trimble, Joseph G. Truax, Frederick W. Truby, Harry G. TruboR, John T. TUNNELL, B. LEE Turner, Earl E. Turner, Jerrence L. Tutwiler, Elmer S.		WELKER, MAITHEW'S WELLS, ROBERT K. WENGERT, DONALD P. Werle, William G. West, Max E. WESTLAKE, WALDON T. Weyhing, August P. Wheeler, Floyd C. White, James L. White, Oliver K. WHITE, RICHARD A. Whitehead, Burgess U. Whitto, Arthur W. WHITSON, EDDIE L. Whitted, George B. WICKERSHAM, DAVID C.		Zachary, W. Christopher ZAGURSKI, MICHAEL J Zak, Frank T. ZASKE, L JEFFREY Ziegler, George L Zimmer, Charles L. Zinn, James E. Zisk, RICHARD W Zitzmann, William A. BOLD FACE CAPS - Living	
TREMIE, CHRISTOPHER I. Trimble, Joseph G. Truax, Frederick W. Truby, Harry G. Trubor, John T. TUNNELL, B. LEE Turner, Earl E. Turner, Ference L. Tutwiler, Elmer S. U (1) Umbricht, James .	1999 1957 	WELKER, MATTHEWS WELLS, ROBERT K. WEMGERT, DONALD P. Werle, William G. West, Max E. WESTLAKE, WALDON T. Weyhing, August P. Wheeler, Floyd C. White, James L. White, Oliver K. WHITE, RICHARD A. Whitehead, Burgess U. Whitney, Arthur W. WHITSON, EDDIE L. Whitted, George B. WICKERSHAM, DAVID C. Welelmann, William F.	1936 2013 2002-06 2001 1949-52 1948 1947-51 1895 1921-22 1889 1910-11 1994-95, 2005 1987-79 1919-21 1919-21 1968	Zachary, W. Christopher ZAGURSKI, MICHAEL J Zak, Frank T. ZASKE, L JEFFREY Ziegler, George L Zimmer, Charles L. Zinn, James E. Zisk, RICHARD W Zitzmann, William A. BOLD FACE CAPS - Living	
TREMIE, CHRISTOPHER J. Trimble, Joseph G. Truby, Harry G. Tubor, John T. TUNNELL, B. LEE Turner, Earl E. Turner, Terrence L. Tutwier, Elmer S U (1) Umbricht, James. Van Benschotten, John W.		WELKER, MAITHEWS WELLS, ROBERT K. WEMGERT, DONALD P. Werle, William G. West, Max E. WESTLAKE, WALDON T. Weyhing, August P. Wheeler, Floyd C. White, James L. White, Oliver K. WHITE, RICHARD A. Whitehead, Burgess U. Whitney, Arthur W. WHISON, EDDIE L. Whitted, George B. WICKERSHAM, DAVID C. Wietelmann, William F. WIGGINTON, TY A.		Zachary, W. Christopher	
TREMIE, CHRISTOPHER I. Trimble, Joseph G. Truax, Frederick W. Truby, Harry G. Truby, Harry G. TUDOR, JOHN T. TUNNELL, B. LEE Turner, Earl E. Turner, Earle E. Turner, Elmer S. U (1) Umbricht, James. V (30) Vail, Robert G. VAN BERSCHOTEN, JOHN W. VAN ERSCHOTEN, JOHN W. VAN CAIRCRE A.		WELKER, MAITHEWS WELLS, ROBERT K. WENGERT, DONALD P. Werle, William G. West, Max E. WESTLAKE, WALDON T. Weyhing, August P. Wheeler, Floyd C. White, James L. White, Oliver K. WHITE, RICHARD A. Whitehead, Burgess U. White, Officer K. WHITE, ATTHUR W. WHITSON, EDDIE L. Whitted, George B. WICKENSTAM, DAVID C. Wielelmann, William F. WIGGINTON, TY A. Wilhelm, Ivin K.		Zachary, W. Christopher ZAGURSKI, MICHAEL J Zak, Frank T. ZASKE, L JEFFREY Ziegler, George L Zimmer, Charles L. Zinn, James E. Zisk, RICHARD W Zitzmann, William A. BOLD FACE CAPS - Living	
TREMIE, CHRISTOPHER J. Trimble, Joseph G. Truax, Frederick W. Truby, Harry G. Truby, Harry G. Truby, Harry G. TUDOR, JOHN T. TUNNELL, B. LEE Turner, Earl E. Turner, Earrence L. Tutwiler, Elmer S. U (1) Umbricht, James. V (30) Vail, Robert G. VAN BENSCHOTEN, JOHN W. Vance, Glarence A. Van Den NURK, HENRICUS.		WELKER, MAITHEWS WELLS, ROBERT K. WENGERT, DONALD P. Werle, William G. West, Max E. WESTLAKE, WALDON T. Weyhing, August P. Wheeler, Floyd C. White, James L. White, Oliver K. WHITE, RICHARD A. Whitehead, Burgess U. Whitney, Arthur W. WHITSON, EDDIE L. Whitted, George B. WICKESHAM, DAVID C. Wielelmann, William F. WIGGINTON, TY A. Wilhelm, Irvin K.		Zachary, W. Christopher	
TREMIE, CHRISTOPHER I. Trimble, Joseph G. Truax, Frederick W. Truby, Harry G. Truby, Harry G. TUDOR, JOHN T. TUNNELL, B. LEE Turner, Earl E. Turner, Terrence L. Tutwiler, Elmer S. U (1) Umbricht, James. V (30) Van BENSCHOTEN, JOHN W. Vance, Clarence A. VAN DEH HURK, HENRICUS. VANDER WAL, JOHN H.		WELKER, MAITHEW'S WELLS, ROBERT K. WENGERT, DONALD P. Werle, William G. West, Max E. WESTLAKE, WALDON T. Weyhing, August P. Wheeler, Floyd C. White, James L. White, James L. White, Jennes L. White, Jennes L. White, Jennes L. White, Marchard A. Whitehead, Burgess U. Whittey, Arthur W. WHITSON, EDDIE L. Whitted, George B. WICKERSKIAM, DAVID C. Wielelmann, William F. WIGGINTON, Y A. Wilhelm, Irvin K. Wilholt, Joseph W. WILKERSON, CURTIS V.	1936 2001 2002-06 2001 1949-52 1948 1947-51 1889 1991-11 1994-95, 2005 1946 1887 1977-79 1919-21 1968 1947 2004-05 1903 1919 1919 1919-11	Zachary, W. Christopher	
TREMIE, CHRISTOPHER J. Trimble, Joseph G. Truax, Frederick W. Truby, Harry G. Truby, Harry G. TUDOR, JOHN T. TUNNELL, B. LEE Turner, Earl E. Turner, Jerrence L. Tutwiler, Elmer S. U (1) Umbricht, James. Van GASCHOTT, JOHN W. Van ERISCHOTEN, JOHN W. VAN BENSCHOTEN, JOHN W. VANDER WAL, JOHN H. VANDER WAL, JOHN H.		WELKER, MATTHEW'S WELLS, ROBERT K. WENGERT, DONALD P. Werle, William G. West, Max E. WESTLAKE, WALDON T. Weyhing, August P. Wheeler, Floyd C. White, James L. White, Oliver K. WHITE, RICHARD A. Whitehead, Burgess U. Whitney, Arthur W. WHITSON, EDDE L. Whitted, George B. WICKERSHAM, DAVID C. Wietelmann, William F. WIGKINTON, TY A. Wilhelm, Livin K. Wilholt, Joseph W. WILKERSON, CURTIS V. Wilke, Aldon J.	1936 2013 2002-06 2001 1949-52 1948 1947-51 19899 1927-22 1889 1910-1 1994-95, 2005 1946 1887 1977-79 1919-21 2004-05 1903 1917 1919 1919 1919 1919 1919 1919 191	Zachary, W. Christopher	
TREMIE, CHRISTOPHER J. Trimble, Joseph G. Truax, Frederick W. Truby, Harry G. Truby, Harry G. Truby, Harry G. TUDOR, JOHN T. TUNNELL, B. LEE Turner, Earl E. Turner, Earrence L. Tutwiler, Elmer S. U (1) Umbricht, James. V (30) Vail, Robert G. VAN BENSCHOTEN, JOHN W. Vance, Clarence A. VAN DEN MUKE, HENRICUS. VAN DEN MUKE, HENRICUS. VAN DEN HUKE, HENRICUS. VAN HAIHTEN, George E. VAN POPPEL, TODD.		WELKER, MAITHEW'S WELLS, ROBERT K. WENGERT, DONALD P. Werle, William G. West, Max E. WESTLAKE, WALDON T. Weyhing, August P. Wheeler, Floyd C. White, James L. White, James L. White, Jennes L. White, Jennes L. White, Jennes L. White, Marchard A. Whitehead, Burgess U. Whittey, Arthur W. WHITSON, EDDIE L. Whitted, George B. WICKERSKIAM, DAVID C. Wielelmann, William F. WIGGINTON, Y A. Wilhelm, Irvin K. Wilholt, Joseph W. WILKERSON, CURTIS V.	1936 2013 2002-06 2001 1949-52 1948 1947-51 19899 1927-22 1889 1910-1 1994-95, 2005 1946 1887 1977-79 1919-21 2004-05 1903 1917 1919 1919 1919 1919 1919 1919 191	Zachary, W. Christopher	
TREMIE, CHRISTOPHER I. Trimble, Joseph G. Truax, Frederick W. Truby, Harry G. TUDOR, JOHN T. TUNNELL, B. LEE Turner, Earl E. Turner, Terrence L. Tutwiler, Elmer S. U (1) Umbricht, James . V (30) Vail, Robert G. VAN BENCHOTEN, JOHN W. Vance, Clarence A. VAN DEN SCHOTEN, JOHN W. VANDER WAL, JOHN H. VANDER WAL, JOHN H. VAN HAILTEN, George E. VAN POPPEL, JOHN L. VAN ROBAY, MOURIER.		WELKER, MATTHEW'S WELLS, ROBERT K. WENGERT, DONALD P. Werle, William G. West, Max E. WESTLAKE, WALDON T. Weyhing, August P. Wheeler, Floyd C. White, James L. White, Oliver K. WHITE, RICHARD A. Whitehead, Burgess U. White, Oliver K. WHITE, ATTHUR W. WHITSON, EDDIE L. Whitted, George B. WICKENSTAM, DAVID C. Wielelmann, William F. WIGGINTON, TY A. Willotin, Ivin K. Wilholt, Joseph W. WILKERSON, CURTIS V. WILKERSON, CURTIS V. WILKINS, MARC. WILKS, MARC.		Zachary, W. Christopher	
TREMIE, GURISTOPHER J. Trimble, Joseph G. Truax, Frederick W. Truby, Harry G. TruboR, John T. TUNNELL, B. LEE Turner, Earl E. Turner, Jerrence L. Tutwiler, Elmer S W (30) Vail, Robert G. VAN BENSCHOTEN, JOHN W. VANDER WAL, JOHN W. VANDER WAL, JOHN H. VANDER WAL, JOHN H. VANDER, George E. VAN POPPEL, TODD Van Robays, Maurice R. VAN SLYKE, ANDREW J.		WELKER, MATTHEW'S WELLS, ROBERT K. WENGERT, DONALD P. Werle, William G. West, Max E. WESTLAKE, WALDON T. Weyhing, August P. Wheeler, Floyd C. White, James L. White, Oliver K. WHITE, RICHARD A. Whitehead, Burgess U. White, Oliver K. WHITE, ATTHUR W. WHITSON, EDDIE L. Whitted, George B. WICKENSTAM, DAVID C. Wielelmann, William F. WIGGINTON, TY A. Willotin, Ivin K. Wilholt, Joseph W. WILKERSON, CURTIS V. WILKERSON, CURTIS V. WILKINS, MARC. WILKS, MARC.		Zachary, W. Christopher	
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WILLIAMS, EDWARD L......1997

WILLIAMS, MICHAEL D......1998-2003

BYRD, MARLON ..

BRANSON, JEFF.....

PIRATES ALL-TIME ROSTER: NUMERICAL

Like many teams, the Pirates added uniform numbers to jerseys sometime between 1929-32.

WHITE, RICK	2005
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PAGE, JOE ORTIZ, JUNIOR	1954 1989
1	
	1941-1943
SALKELD, BILL HOWELL, DIXIE	
MEYER, BILLY(RETIRED -	1948-1952

2	
COLLINS, RIPPER	194
ORDENANA, TONY	
BROWN, JIMMY	
BLOODWORTH, JIMMY	1947
SALKELD, BILL	1947
BURWELL, BILL	1948
FLEMING, LES	1949
SCHENZ, HANK	1950-195
GARAGIOLA, JOE	1951-1952
HANEY, FRED	1953-1955
BRAGAN, BOBBY	
OLDIS, BOB	
LEPPERT, DON	
PLASKETT, ELMO	
SAVAGE, TED	1963-1964
WISSMAN, DAVE	1964
SMITH, HAROLD R	
HILLER, CHUCK	
PATEK, FREDDIE	
HERNANDEZ, JACKIE	
PAGAN, JOSE	
HARGIS, GARY	
CARBO, BERNIE	
LAW, VANCE	
MORRISON, JIM	
SASSER, MACKEY	
DESTRADE, ORESTES	1989
REDUS, GARY	1990-1992
SMITH, LONNIE	
ENCARNACION, ANGELO	
POLCOVICH, KEVIN	
MEARES, PAT	1999-200
WILSON, JACK	2005-2009
CROSBY, BOBBY	االا/کاال
WOOD, BRANDON	۷۱
MCLOUTH, NATE	
HOLT, BROCK	
INGE. BRANDON	

3	
FLETCHER, ELBIE	1939-1943,1947
RODGERS, BILL	1944-1945
GIONFRIDDO, AL	1945-1946
RIDDLE, JOHNNY	
BOCKMAN, EDDIE	1949
COOGAN, DALE	1950
DILLINGER, BOB	1950-1951
MCCULLOUGH, CLYDE	
GARAGIOLA, JOE	1953
SKINNER, BOB	1954
FREESE, GEORGE	1955

.....2013

.....2014-2017

LONG, DALE	1956-1957
FONDY, DEE	
KLUSZEWSKI, TED	1958-1959
STEVENS, R.C	1960
MCFARLANE, ORLANDO	1962
PAGLIARONI, JIM	1963-1964
WALKER, HARRY	1965-1967
ROBERTSON, BOB	1967
DAVIS, RON	
TAVERAS, FRANK	
HEBNER, RICH	
LONNETT, JOE	1977
GARNER, PHIL	1977-1981
RAY, JOHNNY	1981-1987
RODRIGUEZ, RUBEN	1988
BELL, JAY	1989-1996, 2013
DUNSTON, SHAWON	1997
HERMANSEN, CHAD	
REESE, POKEY	2002-2003
STYNES, CHRIS	2004
MACKOWIAK, ROB	2005
BURNITZ, JEROMY	2006
MCLOUTH, NATE	2007
IZTURIS, CESAR	2007
MORGAN, NYJER	2008-2009
IWAMURA, AKI	2010
CIRIACO, PEDRO	2011
D'ARNAUD, CHASE	2012
ISHIKAWA, TRAVIS	
MARTINEZ, MICHAEL	2014
RODRIGUEZ, SEAN	
CORA, JOEY	2017

YOUNG, PEPCOX, BILLY	1940
COX. BILLY	1941
MARTIN, STU	1941-1942
MARTIN, STUGEARY, HUCK	1942-1943
DURELING AL	10/13_10//
SALTZGAVER, JACK	1945
SALTZGAVER, JACK KINER, RALPH	1947-1953
GORDON, SID	1954-1955
GORDON, SIDSKINNER, BOB	1956-1963, 1974-1976
JOHNSTON, REX	1964
JOHNSTON, REX MAY, JERRY	1964
DECKA TURNINA	1065-1067
BRUNET, GEORGE SHEPARD, LARRY	1970
SHEPARD, LARRY	1968-1969
SANDS, CHARLIE	1971-1972
SANDS, CHARLIE CAMPANIS, JIM	1973
TANNER CHUCK	1977
BERRA, DALE	1977-1984
TANNER, CHUCK BERRA, DALE BROWN, MIKE	1985-1986
LAVALLIERE, MIKE	1987
(RETIRED) - 1987)

5	
VAUGHAN, ARKY	1940-194
COSCARART, PETE	1942-1946
GREENBERG, HANK	194
STEVENS, ED	1948
PHILLIPS, JACK	194
STEVENS, ED	194
PHILLIPS, JACK	
BARTIROME, TONY	195
HALL, DICK	1952-195
WARD, PRESTON	1953-1956
PRITCHARD, BUDDY	195
SMITH, HAL W	1960-196
GOSS, HOWIE	1962
ELLIOT, LARRY	
MCFARLANE, ORLANDO	196

GRAMMAS, ALEX......1965-1969

.....1970-1973

RICKETTS, DAVE ...

RYAN, MIKE.....

DYER, DUFFY	1975-1978
BOYLAND, DORIAN	1979
MADLOCK, BILL	
BREAM, SID	
GONZALEZ, JOSE	1991
COLE, ALEX	
GOFF, JERRY	1994
PARRISH, LANCE	1994
BRUMFIELD, JACOB	1995-1996
WOMACK, TONY	1997-1998
SPRAGUE, ED	1999
REDMAN, TIKE	2000-2001, 2003-05
RANDA, JOE	2006
PHELPS, JOSH	2007
GOMEZ, CHRIS	2008
VAZQUEZ, RAMON	2009
LONG, DON	2010
CEDENO, RONNY	2011
HARRISON, JOSH	2012-2017

6	I
HANDLEY, LEE	1940-1941, 1944-1946
COX, BILLY	1947
ROJEK, STAN	1948-1951
NELSON, ROCKY	1951
SMITH, DICK	1951
WALLS, LEE	
SANDLOCK, MIKE	
SMITH, DICK	1954-1955
O'BRIEN, JOHNNY	
SCHOFIELD, DICK	1958
BURGESS, SMOKY	1959-1964
KING, CLYDE	
LEPPERT, DON	
KOPACZ, GEORGE	
ROBERTSON, BOB	
STENNETT, RENNIE	1971-1979
PENA, TONY	
BELLIARD, RAFAEL	
MERCED, ORLANDO	
COLLIER, LOU	
BENJAMIN, MIKE	
NUNEZ, ABRAHAM	2003
AMEZAGA, ALFREDO	
DUFFY, CHRIS	
DIAZ, ROBINZON	
HILL, PERRY	
CLEMENT, JEFF	۷۱۱۷ ۲۸۱۲ ۲۸۱۶
MARTE, STARLING	2012-2017

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YOUNT, EDDIE	1939
RIZZO, JOHNNY	1940
DAHLGREN, BABE	1944-1945
VAN ROBAYS, MAURICE	1946
WIETELMANN, WHITEY	1947
MURTAUGH, DANNY	1948-1951
SMITH, DICK	1951-1953
BELL, GUS	1952
HERMANSKI, GENE	1953
ROBERTS, CURT	1954-1955
O'BRIEN, EDDIE	1955-1956
STEVENS, R.C	1958-1960
STUART, DICK	1958-1962
BAILEY, BOB	1963-1966
RODGERS, ANDRE	1967
VIRDON, BILL	1968-1969
VAN SLYKE, ANDY	1987
ROBERTSON, BOB	1970-1977
TANNER, CHUCK	1978-1985
BONDS, BARRY	1986
RODRIGUEZ, RUBEN	1986
COLES, DARNELL	1987-1988
KING, JEFF	1989-1996

WEHNER, JOHN	2002 2003 2004 2005 2006-2007
RUSSELL, JOHN PRESLEY, ALEX	

8	
ELLIOTT, BOB	1939-1946
BASINSKI, EDDIE BASGALL, MONTY	1947
BASGALL, MONTY	1948
MCCULLOUGH, CLYDE	1949-1950
HOWERTON, BILL	1951-1952
DEL GRECO, BOBBY	1952
DEL GRECO, BOBBYALLIE, GAIR	1954
EDEESE GENE	1955-1958
BRIGHT, HARRY	1958-1960
BRIGHT, HARRY BARONE, DICK VEAL, COOT	1960
VFAL COOT	1962
STARGELL, WILLIE19 (RETIRED - 19	962-1982, 1985

9	
WANER, PAUL	1940
DIMAGGIO, VINCE	1941-1944
WHITEHEAD, BURGESS	1946
FITZ GERALD, ED	1948-1953
MUELLER, RAY	
KOBACK. NICK	1953-1955
ROBERTS. CURT	1956
ROBERTS, CURT	.1956-1972
(RETIRED - 1987)	

WANER, LLOYD 1940-1942 LEIP, EDGAR PHELPS, BABE......

CAMELLI, HANK	1944-1946
KLUTTZ, CLYDE	1947-1948
TURNER, EARL	1948, 1950
BASGALL, MONTY	1949-195
BERARDINO, JOHNNY	1950, 1952
MERSON, JACK	1951-1952
O'CONNELL, DANNY	1953
SHEPARD, JACK	1953-1956
RAND, DICK	1957
KRAVITZ, DANNY	
TRUCKS, VIRGIL	1961-1963
PAGLIARONI, JIM	1965-1967
KOLB, GARY	1968-1969
CASH, DAVE	1970
HEBNER, RICHIE	1970
KOPACZ, GEORGE	1970
ZISK, RICHIE	197
TAVERAS, FRANK	1972-1979
FOLI, TIM	1979-1981,1985
REITZ, KEN	1982
HEBNER, RICH	1982-1983
DISTEFANO, BENNY	
LEMASTER, JOHNNIE	
LEYLAND, JIM	1987-1996
ELSTER, KEVIN	1997
NUNEZ, ABRAHAM	1998-2002
ESPINOZA, ALVARO	
DAVIS, RAJAI	
BIXLER, BRIAN	
BEASLEY, TONY	
RODRIGUEZ, JOSH	
FRYER, ERIC	2012
MERCER, JORDY	2013-2017

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WANER, PAUL	1932-1939	
DAVIS SPIID	1940-1941	
WASDELL HMMY	1947-1943	
O'BRIEN, TOMMY	1943-1945	
TATE, AL	1946	
TATE, AL HERMAN, BILLY	1947	
WALKER, DIXIE	1948-1949	
FERNANDEZ, NANNY	1950	
O'CONNELL DANNY	1950	
METKOVICH, CATFISH POLLET, HOWIE	1951	
POLLET, HOWIE	1952-1953,1956	
ATWELL TORY	/////1053-1056	
SMITH, PAUL	1957-1958	
SCHOFIFLD: DICK	1958-1965	
PAGAN, JOSE MCNERTNEY, JERRY	1965-1972	
MCNERTNEY, JERRY	1973	
MENDOZA, MARIO MAXVILL, DAL	1973,1975-1978	
MAXVILL, DAL	1973-1974	
LOIS, ALBERTO	1979	
BEVACQUA, KURT	1980-1981	
SMITH, JIMMY	1982	
MAZZILLI, LEE ORSULAK, JOE	1983	
DIAZ, MIKE	1986	
WILSON, GLENN	1988-1989	
SLAUGHT, DON	1990-1995	
KINGERY, MIKE GUILLEN, JOSE	1996	
SVEUM, DALE	1999	
COTA, HUMBERTO	2001-2007	

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(RETIRED - 2007)

COMOROSKY, ADAM	1932
LINDSTROM, FREDDIE	
PASSEAU, CLAUDE	
HAFEY, BUD	
RIZZO, JOHNNY	1938-1939
BERRÉS, RAY	
LOPEZ, AL	1940-1946
RIKARD, CULLEY	1947
HOPP, JOHNNY	1948-1950
BASGALL, MONTY	1951
MAGUIRE, JACK	
COLE, DICK	1953-1956
PENDLETON, JIM	1957-1958
HOAK, DON	1959-1962
FREESE, GENE	1964-1965
MAY, JERRY	1964-1970
TAYLOR, CARL	1971
GARBER, GENE	1972
GOGGIN, CHUCK	1972-1973
MORLAN, JOHN	1973-1974
REYNOLDS, CRAIG	1976
GONZALEZ, FERNANDO.	
EDWARDS, MIKE	1977
ALEXANDER, MATT	
ELLIS, DOCK	1979
BEALL, ROBERT	1980
BOYLAND, DORIAN	1981
HARPER, BRIAN	1982-1984
DAVIS, TRENCH	
ALMON, BILL	1986-1987
LAVALLIERE, MIKE	
WILSON, GLENN	1993
WEHNER, JOHN	1995-1996, 2000
WARD, TURNER	1997-1999
CORDERO, WIL	
WILSON, JACK	
STAIRS, MATT	
SANCHEZ, FREDDY	
GARCIA, CARLOS	2010
D'ARNAUD, CHASE	2011
BARMES, CLINT	2012-2014
HART, COREY	
NICASIO, JUAN	2016-2017

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HAMLIN, LUKE	1942
HIGBE, KIRBY	1947-1949
PIERRO, BILL	1950
RICKERT, MARVIN	1950
PELLAGRINI, EDDIE	1953-1954
CLEMENTE, ROBERTO	1955
GONZALEZ, FERNANDO	1977-1978
KEMP, STEVE	
DAVIS, TRENCH	
RENTERIA, RICH	1986
LIND, JOSE	1987-1992
GARCIA, CARLOS	1994-1996
BROWN, ADRIAN	1998-2002
RUSSELL, JOHN	
IZTURIS, CESAR	2007
MCLOUTH, NATE	2008-2009
CEDENO, RONNY	
HURDLE, CLINT	2011-2017

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BARBEE, DAVE	1932
COMOROSKY, ADAM	
ROETTGER, WALLY	1934
HERMAN, BABE	
SCHULTE, FRED	
KLEIN, CHARLES	
MANUSH, HEINIE	
MUELLER, RAY	
STEWART, BUD	
WYROSTEK, JOHNNY	1942-1943
ZAK, FRANKIE	
SULLIVAN, BILLY	
WOODLING, GENE	1947
WEST, MAX	1948
RESTELLI, DINO	1949, 1951
STRICKLAND, GEORGE	1950-1952
SENERCHIA, EMANUEL	
NATON, PETE	1953
MONTEMAYOR, FELIPE	1953. 1955
LYNCH, JERRY	
POWERS, JOHNNY	1955-1958
NELSON, ROCKY	
MARSHALL, JIM	
ELLIOT, LARRY	
SAVAGE, TED	1963
ALLEY, GENE	1964-1967.1970-1973
BUNNING, JIM	
JETER, JOHN	
BEVACQUA. KURT	1974
HOWE, ART	
BERRA, DALE	1976
OTT FD	1977-1981
MONTANEZ, WILLIE	1981-1982
MILNER, JOHN	1982-1983
MAY, MILT	1983-1984
TOMLIN, DAVE	1985
LEYLAND, JIM	1986
DIAZ, MIKE	
OBERKFELL, KEN	1988-1989
PRINCE, TOM	1990-1993
HUNTER, BRIAN	
PARENT, MARK	
GARCIA, FREDDY	1998-1999
SOJO. LUIS	
BROWN, EMIL	
BELL, DEREK	
CASTILLO, JOSE	
VARSHO, GARY	2004 2007
BOWKER, JOHN	
MCGEHEE, CASEY	
SANCHEZ, GABY	
BUCK, JOHN	7017
DECKER, JAFF	2017_2012
VOGELSONG, RYAN	2014-7012 2014
	2010

VOGELSONG, RYAN ... PRINCE, TOM.....

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DUGAS, GUS	1930, 1932		
BRUBAKER, BILL	1933, 1940		
DICKSHOT, JOHNNY			
ANDERSON, ALF	1941-1942		
WANER, LLOYD	1944-1945		
FLETCHER, ELBIE	1946		
WESTLAKE, WALLY	1947-1951		
DUSAK, ERV	1951-1952		
THOMAS, FRANK	1951-1958		
MEJIAS, ROMAN			
STURDIVANT, TOM	1961-1963		
MOTA, MANNY	1963-1968		
MARTINEZ, JOSE	1969-1970		
CLINES, GENE	1970-1974		
DILONE, MIGUEL	1975		
HELMS, TOMMY	1976-1977		
EASLER, MIKE	1977		
ROMO, ENRIQUE	1979-1982		
WOTUS, RON	1983-1984		
HENDRICK, GEORGE	1985		
CLEMENTS, PAT	1985-1986		
DRABEK, DOUG	1987-1992		
NEAGLE, DENNY	1993-1996		
OSIK, KEITH	1997-2002		
KUNTZ, RUSTY	2003-2005		
LETT, JIM	2006-2007		
LAROCHE, ANDY	2008-2010		
SILVERIO, LUIS			
DAVIS. IKE	2014		
LAMBO, ANDREW	2015		
ROGERS, JASON	2016		
CORA, JOEY	2017		
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JENSEN, WOODY	1932-1939
GUSTINE, FRANKIE	
CASTIGLIONE, PETE	
SAFFELL, TOM	
WALLS, LEE	1956-1957
O'BRIEN, EDDIE	1957-1958
PORTERFIELD, BOB	
BAKER, GENE	1960-1961
LOGAN, JOHNNY	1961-1962
BRAND, RON	
PARSONS, TOM	
CRANDALL, DEL	
RODGERS, ANDRE	
CANNIZZARO, CHRIS	
OLIVER, AL	1969-1977
MCENANEY, WILLIAM	1978
MILNER, JOHN	1978
NICOSIA, STEVE	1979-1983
MAZZILLI, LEE	
PENA, HIPOLITO	
KIPPER, BOB	1987-1991
FOLEY, TOM	1993-1994
LIRIANO, NELSON	1995-1996
RANDA, JOE	
RAMIREZ, ARAMIS	
HERNANDEZ, JOSE	
TORRES, SALOMON	
MIENTKIEWICZ, DOUG	
HINSKE, ERIC	
CIRIACO, PEDRO	
LEYVA, NICK	2011-2016
17	

DICKSHOT, JOHNNY	1938
BELL, FERN	1939
VAN ROBAYS, MAURICE	1939-1943
GILMORE, LEONARD	1944
BARNHART, VIC	1944-1946
RUSSELL, JIM	1947
WILSON, GRADY	1948
BEARD, TED	1948-1952
MACI PHII	1949

RACKLEY, MARV	1949
RHAWN, BOBBY	1949
SAFFELL, TOM	195
DAVIS, BRANDY	1952-195
BERNIER, CARLOS	195
HALL, DICK	1954
PETERSON, HARDY	195
SWANSON, RED	1955-1956
KRAVITZ, DANNY	1956-195
PETERSON, HARDY	1957-1958
PEREZ, GEORGE	1958
CLENDENON, DONN	1961-1968
ACOSTA, ED	
ELLIS, DOCK	1970-197
BAIR, DOUG	1976
JONES, ODELL	
GARNER, PHIL	197
RODRIGUEZ, ELLIE	1978
LACY, LEE	
LOUCKS, SCOTT	1981
DYBZINSKI, JERRY	1981
DAVIS, TRENCH	1981
BROWN, MIKE	1981
WALK, BOB	1986-199
SASSER, MACKEY	199
HAYES, CHARLIE	1996
SVEUM, DALE	
STRANGE, DOUG	
OLIVER, JOE	
BROWN, EMIL	
RIOS, ARMANDO	200
LOPEZ, MENDY	200
HILL, BOBBY	2003-200
CUELLAR, BOBBY	2006-200
FRAZIER, LOU	
BURNETT, SEAN	
HACKER, ERIC	
ALVAREZ, PEDRO	2017
BANISTER, JEFF	
SUTTON, DREW	
MCDONALD, JOHN	201
SANCHEZ, GABY	2013-2014 2011
FLORIMON, PEDRO	
RAMIREZ, ARAMIS	
JOYCE, MATT	
GOSSELIN, PHIL	201

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GARMS, DEBS	1940-1941		
BARRETT, JOHNNY			
BEHRMAN, HANK	1947		
GIONFRIDDO, AL	1947		
BOCKMAN, EDDIE	1948		
DICKSON, MURRY	1949		
SAFFELL, TOM	1949-1950		
BELL, GUS	1950-1951		
ABRAMS, CAL	1953-1954		
PEPPER, LAURIN	1954		
LYNCH, JERRY			
DEL GRECO, BOBBY			
VIRDON, BILL	1956-1965		
ALOU, MATTY	1966-1970		
DAVALILLO, VIC			
MENDOZA, MARIO	1974		
RANDOLPH, WILLIE			
REYNOLDS, CRAIG			
MORENO, OMAR			
TENACE, GENE	1983-1984		
WALK, BOB	1984-1985		
VIRDON, BILL			
VAN SLYKE, ANDY	1987-1994		
KENDALL, JASON	1996-2004		
BURNETT, SEAN			
HERNANDEZ, JOSE			
KUWATA, MASUMI			
PEARCE, STEVE			
MICHAELS, JASON			
MONROE, CRAIG			
SALAZAR, JEFF			
WALKER, NEIL	2010-2015		
WALKER, NEIL			

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1966-196
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1969, 1970-197
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1932-193 1936-193 1936-193
1932-193 1936 1936-193

NIESE, JONATHON	2016
FLORIMON, PEDRO	2016
KIMERA BARTEE	
19	
RIITCHER MAX	1939-1945
VAN ROBAYS, MAURICE	1946
BLOODWORTH, JIMMY	
MAUCH, GENE	
MULCAHY, HUGH HOLT, GOLDIE	
CASSINI, JACK	
WERLE, BILL	
MUNGER, GEORGE	
FRIEND, BOB	
MIKKELSEN, PETE RAMOS, PEDRO	
SHELLENBACK, JIM	
GIBBON, JOE	
ROOKER, JIM	
SCURRY, ROD	
KELLEHER, MICK	
HARPER, TERRY REDUS, GARY	
HALL, ALBERT	
BACKMAN, WALLY	1990
WILKERSON, CURTIS	1991
VIRDON, BILL	
PLESAC, DAN	
BROWN, EMIL	
SOJO, LUIS	2000
HERNANDEZ, ALEX	2000
SANDERS, REGGIE	2003
WIGGINTON, TY	2004-2005
BAUTISTA, JOSE WALKER, NEIL	
CHURCH, RYAN	
SNYDER, CHRIS	
CLEMENT, JEFF	2012
MCKENRY, MICHAEL	2013
STEWART, CHRIS	2014-2017
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TRAYNOR, PIE	// //////////////////////////////////
HANDLEY, LEE	
KLINGER, BOB	1940-1943
STARR, RAY	
BECK, BOOM BOOM	
HEINTZELMAN, KEN BONHAM, ERNIE	
LAW, VERN	
PETTIT, PAUL	
VILINE DOM	
NLINE, KUN	1952
MANGAN, JIM	1952, 1954
MANGAN, JIM JETHROE, SAM	1952, 1954 1954
MANGAN, JIM JETHROE, SAMSWANSON, RED	1952, 1954 1954 1955
MANGAN, JIM JETHROE, SAMSWANSON, REDMUNGER, GEORGE	1952, 1954
MANGAN, JIM JETHROE, SAMSWANSON, RED MUNGER, GEORGE FOILES, HANK PETERSON, HARDY	
MANGAN, JIM	
Mangan, Jim	
MANGAN, JIM	
MANGAN, JIM. JETHROE, SAM. SWANSON, RED. MUNGER, GEORGE. FOILES, HANK. PETERSON, HARDY. JIMOLI, GINO. MORYN, WALT. SELNAR, JOHN LARPIN, FRANK.	
MANGAN, JIM. JETHROE, SAM. SWANSON, RED. MUNGER, GEORGE FOILES, HANK. PETERSON, HARDY. CIMOLI, GINO. MORYN, WALT. GELNAR, JOHN CARPIN, FRANK. GOODDER, JESSE. LUPLOW, AL	
MANGAN, JIM. JETHROE, SAM. SWANSON, RED. MUNGER, GEORGE FOILES, HANK. PETERSON, HARDY. CIMOLI, GINO. MORYN, WALT. GELNAR, JOHN CARPIN, FRANK. GOODDER, JESSE. LUPLOW, AL	
Mangan, Jim. Jethroe, Sam. Swanson, Red. Munger, George Foiles, Hank. Peterson, Hardy. (Imol., Gino Moryn, Walt. Gelnar, John Carpin, Frank Gonder, Jesse Luplow, Al Hebner, Richie	
MANGAN, JIM. JETHROE, SAM. SWANSON, RED. MUNGER, GEORGE FOILES, HANK. PETERSON, HARDY. CIMOLI, GINO. MORYN, WALT. GELNAR, JOHN CARPIN, FRANK. GONDER, JESSE LUPLOW, AL HEBNER, RICHIE	
MANGAN, JIM. JETHROE, SAM. SWANSON, RED. MUNGER, GEORGE. FOILES, HANK. PETERSON, HARDY. CIMOLI, GINO. MORYN, WALT. GELNAR, JOHN CARPIN, FRANK GONDER, JESSE LUPLOW, AL. HEBNER, RICHIE. (RETIRED -	
MANGAN, JIM. JETHROE, SAM. SWANSON, RED. MUNGER, GEORGE FOILES, HANK. PETERSON, HARDY. CIMOLI, GINO. MORYN, WALT. GELNAR, JOHN CARPIN, FRANK. GONDER, JESSE LUPLOW, AL. HEBNER, RICHIE VAUGHAN, ARKY. SUHR, GUS.	
MANGAN, JIM. JETHROE, SAM. SWANSON, RED. MUNGER, GEORGE FOILES, HANK. PETERSON, HARDY. CIMOLI, GINO. MORYN, WALT. GELNAR, JOHN CARPIN, FRANK. GOODER, JESSE LUPLOW, AL. HEBNER, RICHIE VAUGHAN, ARKY. SUHR, GUS. VAUGHAN, ARKY.	
MANGAN, JIM. JETHROE, SAM. SWANSON, RED. MUNGER, GEORGE FOILES, HANK. PETERSON, HARDY. (IMOLI, GINO. MORYN, WALT. GELNAR, JOHN. CARPIN, FRANK GONDER, JESSE LUPLOW, AL. HEBNER, RICHIE (RETIRED - VAUGHAN, ARKY. SUHR, GUS. YAUGHAN, ARKY. BOWMAN, JOE.	
MANGAN, JIM ETIRIOE, SAM. SWANSON, RED. UUNGER, GEORGE OILES, HANK ETERSON, HARDY IMOLI, GINO HORYN, WALT SELNAR, JOHN ARPIN, FRANK SONDER, JESSE JUPLOW, AL HEBNER, RICHIE (RETIRED - JAUGHAN, ARKY JUHR, GUS. JAUGHAN, ARKY	

RIDDLE, ELMER BELL, GUS SAFFELL, TOM	////////////1949
RFII GUS	1950
SAFFFII TOM	1950-1951
DICKSON MURRY	1951
NECCIAL RON	1952
DICKSON, MURRY NECCIAI, RON SMITH, PAUL CLEMENTE, ROBERTO	1953, 1955
CLEMENTE. ROBERTO	1956-1972
(RETIRED -	1973)
(RETIRED -	<u> </u>
77	?)
<u> </u>	7
PIET, TONY LAVAGETTO, COOKIE	1931-1933
LAVAGETTO, COOKIE	1934-1936
HANDLEY, LEE	1937
THEVENOW, TOMMY	
JUELICH, RED	1939
MACFAYDEN, DANNY	
DIETZ, DUTCH	
CAMELLI, HANK	
STRINCEVICH, NICK	
DICKSON, MURRY19	
HERMANSKI, EUGENE	
KLINE, RON	1955-1959
GIBBON, JOE	
FRYMAN, WOODIE	1966-1967
ALLEY, GENE	1968-1969
BRUNET, GEORGE	
HARTENSTEIN, CHUCK	
GRANT, MUDCAT	
ZISK, RICHIE	1971-1976

1972

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PIET, TONYLAVAGETTO, COOKIE	1934-1936
HANDLEY, LEE	1937
THEVENOW, TOMMY	1938
JUELICH, RED	1939
MACFAYDEN, DANNY	1940
DIETZ, DUTCH	1941-1943
CAMELLI, HANK	
STRINCEVICH, NICK	1944-1948
DICKSON, MURRY	
HERMANSKI, EUGENE	
KLINE, RON	1955-1959
GIBBON, JOE	1960-1965
FRYMAN, WOODIE	1966-1967
ALLEY, GENE	1968-1969
BRUNET, GEORGE	1970
HARTENSTEIN, CHUCK.	1970
GRANT, MUDCAT	1970-1971
ZISK, RICHIE	1971-1976
FORSTER, TERRY	1977
HAIRSTON, JERRY	
BLYLEVEN, BERT	
JONES, ODELL	
OWCHINKO, BOB	1983
TUNNELL, LEE	
CANGELOSI, JOHN	
PEDRIQUE, AL	
EASLEY, LOGAN	
BILARDELLO, DANN	
RICHARDSON, JEFF	
BUECHELE, STEVE	1991-1992
WEHNER, JOHNVARSHO, GARY	1004
GARCIA, FREDDY	1000 2001
SCHMIDT, JASON MATTHEWS, JR., GARY	1998-2001
VOGELSONG, RYAN	2007 2006
NADY, XAVIER	2005-2000
MCCUTCHEN. ANDREW	2009-2017
7	<u>5</u> }

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PICINICH, VAL	1933
BRUBAKER, BILL	
RAMBERT, ELMER	1939-1940
KALIN, FRANK	
COLMAN, FRANK	1942-1946
CUCCURULLO, COOKIE	1943
TOST, LOUIS	1947
QUEEN, MEL	1947-1948
CHAMBERS, CLIFF	
YOCHIM, LENNY	1951
WAUGH, JIM	1952-1953
COOPER, WALKER	1954
O'DONNELL, GEORGE	1954
PEPPER, LAURIN	1955-1957
BAKER, GENE	1957-1958
CHRISTOPHER, JOE	1959-1961
NEEMAN, CAL	1962
LOGAN, JOHNNY	1963
GOTAY, JULIO	1963-1964
BLASS, STEVE	
SPRIGGS, GEORGE	1965-1967
BOSCH, DON	
WALKER, LUKE	
KIRKPATRICK, ED	
JACKSON, GRANT	
GRIFFIN, TOM	
NIEMANN, RANDY	1983

KEMP, STEVE1986

REYNOLDS. R.J	1086_1000
MCCLENDON, LLOYD	
LAMONT, GENE	
TRACY, JIM	
ANDREWS, JEFF	
DIAZ, ROBINZON	
BOWKER, JOHN	
DIAZ, MATT	
SNIDER, TRAVIS	2012-2015
LOMBARDOZZI. STEVE	
FLORIMON, PEDRO	
FREESE, DAVID	
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SUHR, GUS1932	2-1935, 1937-1939
VAUGHAN, ARKY	1936
GEE, JOHNNY	1939, 1941
BRANDT, BILL	1941-1943
JUNGELS, KEN	1942
ALBOSTA, ED	1946
BAHR, ED	1947
CHESNES, BOB	1948-1950
BOROWY, HANK	1950
CARLSEN, DON	
LAPALME, PAUL	1951, 1954
GROAT, DICK	1952, 1955-1962
LYNCH, JERRY	1963-1966
JIMENEZ, MANNY	1967-1968
NELSON, JIM	1970
LAMB, JOHN	1970-1971
AUGUSTINE, DAVE	1974
POPOVICH, PAUL	
MORENO, OMAR	1975-1976
ARMAS, TONY	1977
TOLAN, BOB	1977
HELMS, TOMMY	1977
MCENANEY, WILLIAM	1978
EASLER, MIKE	1979-1983
TUDOR. JOHN	1984
GONZALEZ, DENNY	1985
BONDS, BARRY	1986-1992
MOELLER, DENNIS	1993
SMITH, ZANE	1996
GILES, BRIAN	1999-2003
MATEO, RUBEN	2004
GORZELANNY, TOM	2007-2009
YOUNG, DELWYN	2010
ALVAREZ, PEDRO	
FIGUEROA, COLE	2016
FRYER, ERIC	2016
GLASMOW TALED	2017

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THEVENOW, TOMMY	1932-1935
BRUBAKER, BILL	1936-1939
BROWN, MACE	1940-1941
STRINCEVICH, NICK	1941-1942
SHUMAN, HARRY	1942-1943
VITELLI, JOE	1944-1945
LANNING, JOHNNY	1945-1946
GABLES, KEN	1947
CASEY, HUGH	
MACDONALD, BILL	1950, 1953
FRIEND, BOB	
HOGUE, CALVIN	1954
MEJIAS, ROMAN	
GARBER, BOB	
MCMAHAN, JACK	1956
	1956
MCMAHAN, JACK	1956 1959
MCMAHAN, JACK SIMPSON, HARRY JACKSON, AL SISK, TOMMIE	1956 1959 1961 1963-1968
MCMAHAN, JACK	1956 1959 1961 1963-1968 1967
MCMAHAN, JACK SIMPSON, HARRY JACKSON, AL SISK, TOMMIE	1956 1959 1961 1963-1968 1967
MCMAHÁN, JACK	

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GLASNOW, TYLER...

2017

BONILLA, BOBBY	1987-1991
GIBSON, KIRK	1992
PENNYFEATHER, WILLIAM	1992-1994
PEGUES, STEVE	1994-1995
BEAMON, TREY	1996
SMITH, MARK	
CRUZ, IVAN	
WILSON, ENRIQUE	
FIGUEROA, LUIS	
LOPEZ, MENDY	2001
MACKANIN, PETE	2003-2005
CASEY, SEAN	2006
NADY, XAVIER	
MALDONADO, CARLOS	2006
LAROCHE, ADAM	2008-2009
HART, KEVIN	
LEE, DERREK	
MCCUTCHEN, DANIEL	
FARNSWORTH, KYLE	
POLANCO, GREGORY	
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26 GROSSKLOSS, HOWIE......1932 YOUNG, PEP1933-1939 SWIGART, OAD......1939-1941 KOSKI, BILL 1951
KOSHOREK, CLEM 1952
FACE, ROY. 1953, 1955-1968
HENLEY, GAIL 1954
OTI, ED 1974-1975
EDWARDS, MIKE 19197
LOIS, ALBERTO 1978
BIBBY, JIM 1978-1983
OTIS, AMOS 1984 | HEATUN, NEAL | 1989-1991 | 1989-1991 | 1989-1991 | 1992 | 1992 | 1992 | 1992 | 1997 | 1992 | 1997 | 1998 | 1999 | 1998 | 1998 | 1999 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 SANDT, TOMMY2000 SANUT, 10MMY 2000
DAVIS, J.J. 2002-2004
DUFFY, CHRIS 2005
HERNANDEZ, JOSE 2006
PAULINO, RONNY 2006-2008 BARAJAS, ROD2012

41 BOWMAN, JOE.....1937 HERRING, ART1947 POAT, RAY......1949 QUEEN, MEL......1950 LITTLEFIELD, DICK......1954-1956 JACOBS, SPOOK......1956 NARANJO, CHOLLY1956 FRANCIS, EARL1961-1964 OLIVER, BOB......1965 SHELLENBACK, JIM.....1967

CRANDALL, DOC1932-1934

GOOCH, JOHNNY1937-1939

MELANCON, MARK2013-2016

KLINE, RON	1968-1969	OLIVER, AL	1968	JANOWICZ, VIC	1953-1954	TRAYNOR, PIE	1938
ROBERTSON, BOB		MARONE, LOU		DONOSO, LINO		FLOWERS, JAKE	1940-1945
DAL CANTON, BRUCE		MAY, MILT		HALL, BILL		BISSONETTE, DEL	10.46
JOHNSON, BOB		BRETT, KEN		DOUGLAS, WHAMMY		WALSH, JUNIOR	
AUGUSTINE, DAVE	1974	MINSHALL, JIM	1975	HADDIX, HARVEY	1959-1963	RIDDLE, JOHNNY	1949-1950
REUSS, JERRY	1974	MACHA, KEN	1977	PRIDDY, BOB	1964	WOLFE, ED	1952
TEKULVE, KENT		FREGOSI, JIM		BUTTERS, TOM		PURKEY, BOB	
LEMASTER, JOHNNIE							
		RHODEN, RICK		WALKER, LUKE		RAYDON, CURT	
KHALIFA, SAMMY		CONCEPCION, ONIX		O'DELL, BILLY	1966-1967	GIEL, PAUL	1959
GARCIA, MIGUEL	1987-1989	FERMIN, FELIX	1987-1988	MANGUAL, ANGEL	1969	UMBRICHT, JIM	1959
RYAL, MARK		HATCHER, BILLY		GIUSTI, DAVE		CHENEY, TOM	
HUISMANN, MARK		ROSS, MARK		HOLLAND, AL		MCBEAN, AL	
BUECHELE, STEVE	1991	TOMLIN, RANDY	1990-1994	WHITSON, ED	1978-1979	BRILES, NELSON	1971-1973
RICHARDSON, JEFF	1992-1993	YOUNG, KEVIN	1995, 1997-2003	SCURRY, ROD	1980	KOEGEL, PETE	1974
SMITH, LONNIE		HOPE, JOHN		HADDIX, HARVEY			
PARRIS, STEVE						MACHA, KEN	
		ROSS, DAVID		GRAFF, MILT		PAGAN, DAVE	
LAKER, TIM	1998	GERUT, JODY	2005	DISTEFANO, BENNY	1986	LONG, ROBERT	1981
JONES, JOE	1999-2000	KELLY, DON	2007	MILLER, RAY	1987-1996	MILNER, JOHN	1978-1982
HYZDÚ, ADAM		MORGAN, NYJER		SANFORD, CHANCE		BAUMGARTEN, ROSS	
HERNANDEZ, ALEX		BEASLEY, TONY		HAAD, YAMID		TOMLIN, DAVE	1983
FOGG, JOSH	2002-2005	DOTEL, OCTAVIO	2010	PETERS, CHRIS	2000	BIELECKI, MIKE	1984-1987
YOUMAN, SHANE	2006-2007	CORREIA, KEVIN	2011-2012	OLIVARES, OMAR		REED, RICK	
TAUBENHEIM, TY		MORRIS, BRYAN		HERMANSEN, CHAD		JACKSON, DANNY	
KARSTENS, JEFF							
		FRIERI, ERNESTO		TORRES, SALOMON		PENA, ALEJANDRO	
NIX, JAYSON		CERVELLI, FRANCISCO	2015-2017	WARD, DARYLE	2004-2005	LOAIZA, ESTEBAN	1995-1998
KANG, JUNG HO	2015-2016			SHELBY, JOHN		BENSON, KRIS	
			_	RIVAS, LUIS		SANTIAGO, BENITO	
-	- }}	<u>'</u>	ገ)				
28	₹}	3(I	TABATA, JOSE		RESTOVICH, MICHAEL	
<u> </u>	<u> </u>		<u></u> >	MORSE, MICHAEL	2015	HERNANDEZ, ROBERTO	2006
LANAHAN, DICK	19/10-19/1	GRACE, EARL	1932-1935	SCHUGEL, A.J		GRABOW, JOHN	
		TODD, AL		50.10 022,713.11111111111111111111111111111111111			
SMITH, VINNIE					<u> </u>	BOOTCHECK, CHRIS	
MCLISH, CAL	1947	MUELLER, RAY		32	'	MCCUTCHEN, DANIEL	2010-2011
NAGY, STEVE	1947	SEWELL, RIP	1940-1949	2) رح	7	BURNETT. A.J	2012-2013. 2015
LOMBARDI, VIC		PAPISH, FRANK	1950			HUTCHISON, DREW	
		DEMPSEY, CORNELIUS		FINNEY, HAL		-	
WILKS, TED				SCHUSTER, BILL	1937		_
LINDELL, JOHNNY		POLLET, HOWIE		BERRES, RAY		3,	
COOPER, WALKER	1954	O'BRIEN, JOHNNY	1953			ريار	ال
MARTIN, PAUL		KING, NELLIE	1954-1955	HEINTZELMAN, KEN		HARTLEY, GROVER	
MADE DEN	1000	HVII DICK	1055_1057 1050	RUSSELL, JIM	1942-1946		
WADE, BEN		HALL, DICK				VELTMAN, ART	
CHURN, CHUCK	1957	DANIELS, BENNIE	1957-1958	WOLFE, ROGER	1947	VELTMAN, ART	1934
CHURN, CHUCK	1957		1957-1958	WOLFE, ROGERGREGG, HAL	1947 1948	VELTMAN, ART WAGNER, HONUS	1934 1938
CHURN, CHUCK KRAVITZ, DANNY	1957 1958	DANIELS, BENNIE WITT, GEORGE	1957-1958 1959-1960	WOLFE, ROGER GREGG, HAL POSEDEL, BILL	1947 1948 1949-1950	VELTMAN, ART WAGNER, HONUSTRAYNOR, PIE	1934 1938 1938-1939
CHURN, CHUCK KRAVITZ, DANNYSTEVENS, R.C	1957 1958 1959	DANIELS, BENNIE WITT, GEORGE MIZELL, VINEGAR BEND	1957-1958 1959-1960 1960-1962	WOLFE, ROGER GREGG, HAL POSEDEL, BILL HOGUE, CALVIN	1947 1948 1949-1950 1953	VELTMAN, ART WAGNER, HONUSTRAYNOR, PIE DIETZ, DUTCH	1934 1938 1938-1939 1940
CHURN, CHUCK KRAVITZ, DANNYSTEVENS, R.C GIEL, PAUL	1957 1958 1959 1959-1960	DANIELS, BENNIE WITT, GEORGE MIZELL, VINEGAR BEND CARDWELL, DON	1957-1958 1959-1960 1960-1962 1963-1964	WOLFE, ROGER GREGG, HAL POSEDEL, BILL	1947 1948 1949-1950 1953	VELTMAN, ART WAGNER, HONUSTRAYNOR, PIE	1934 1938 1938-1939 1940
CHURN, CHUCK		DANIELS, BENNIE		WOLFE, ROGER GREGG, HAL POSEDEL, BILL HOGUE, CALVIN BOWMAN, ROGER	1947 1948 1949-1950 1953	VELTMAN, ARTWAGNER, HONUSTRAYNOR, PIEDIETZ, DUTCHFRISCH, FRANKIE	1934 1938 1938-1939 1940 1940-1946
CHURN, CHUCK KRAVITZ, DANNYSTEVENS, R.C GIEL, PAUL		DANIELS, BENNIE WITT, GEORGE MIZELL, VINEGAR BEND CARDWELL, DON		WOLFE, ROGER		VELTMAN, ARTWAGNER, HONUSTRAYNOR, PIEDIETZ, DUTCHFRISCH, FRANKIEBONHAM, ERNIE	
CHURN, CHUCK		DANIELS, BENNIE WITT, GEORGE MIZELL, VINEGAR BEND CARDWELL, DON RODGERS, ANDRE WILLS, MAURY		WOLFE, ROGER		VELTMAN, ARTWAGNER, HONUSTRAYNOR, PIEDIETZ, DUTCHFRISCH, FRANKIEBONHAM, ERNIELEVY, LENNY	
CHURN, CHUCK		DANIELS, BENNIE		WOLFE, ROGER		VELTMAN, ART	
CHURN, CHUCK		DANIELS, BENNIE		WOLFE, ROGER		VELTMAN, ARTWAGNER, HONUSTRAYNOR, PIEDIETZ, DUTCHFRISCH, FRANKIEBONHAM, ERNIELEVY, LENNY	
CHURN, CHUCK		DANIELS, BENNIE		WOLFE, ROGER		VELTMAN, ART WAGNER, HONUS. TRAYNOR, PIE DIETZ, DUTCH. FRISCH, FRANKIE BONHAM, ERNIE. LEVY, LENNY MAIN, WOODY SURKONT, MAX	
CHURN, CHUCK		DANIELS, BENNIE WITT, GEORGE MIZELL, VINEGAR BEND CARDWELL DON RODGERS, ANDRE WILLS, MAURY CASH, DAVE BRETT, KEN LANGFORD, RICK HAMILTON, DAVID		WOLFE, ROGER		VELTMAN, ART. WAGNER, HONUS. TRAYNOR, PIE DIETZ, DUTCH FRISCH, FRANKIE. BONHAM, ERNIE LEVY, LENNY. MAIN, WOODY. SURKONT, MAX. WATERS, FRED.	
CHURN, CHUCK KRAVITZ, DANNY STEVENS, R.C. GIEL, PAUL. SHANTZ, BOBBY. WIRGIL, OZZIE BLASS, STEVE. ROBINSON, BILL DAVIS, DICK NORDHAGEN, WAYNE.		DANIELS, BENNIE		WOLFE, ROGER GREGG, HAL POSEDEL, BILL HOGUE, CALVIN. BOWMAN, ROGER LAW, VERN. NELSON, JIM MILLER, BOB DETTORE, TOM ZACHARY, CHRIS. PATTERSON, DARYL		VELTMAN, ART WAGNER, HONUS. TRAYNOR, PIE DIETZ, DUTCH FRISCH, FRANKIE BONHAM, ERNIE LEVY, LENNY, MAIN, WOODY SURKONT, MAX WATERS, FRED SWANSON, RED	
CHURN, CHUCK KRAVITZ, DANNY STEVENS, R. C. GIEL, PAUL SHANTZ, BOBBY. VIRGIL, OZZIE. BLASS, STEVE. ROBINSON, BILL DAVIS, DICK. NORDHAGEN, WAYNE OWCHINKO, BOB.		DANIELS, BENNIE WITT, GEORGE MIZELL, VINEGAR BEND CARDWELL, DON RODGERS, ANDRE WILLS, MAURY CASH, DAVE BRETT, KEN LANGFORD, RICK HAMILTON, DAVID MACHA, KEN		WOLFE, ROGER GREGG, HAL POSEDEL, BILL HOGUE, CALVIN. BOWMAN, ROGER LAW, VERN NELSON, JIM MILLER, BOB DETTORE, TOM ZACHARY, CHRIS PATTERSON, DARYL SADOWSKI, JIM		VELTMAN, ART WAGNER, HONUS TRAYNOR, PIE DIETZ, DUTCH FRISCH, FRANKIE BONHAM, ERNIE LEYY, LENNY MAIN, WOODY SURKONT, MAX WATERS, FRED SWANSON, RED WILLIAMS, DON	
CHURN, CHUCK KRAVITZ, DANNY STEVENS, R.C. GIEL, PAUL. SHANTZ, BOBBY. VIRGIL, OZTIE BLASS, STEVE ROBINSON, BILL DAVIS, DICK NORDHAGEN, WAYNE. OWCHINKO, BOB. GONZALEZ, DENNY.		DANIELS, BENNIE WITT, GEORGE MIZELL VINEGAR BEND CARDWELL, DON RODGERS, ANDRE WILLS, MAURY CASH, DAVE BRETT, KEN LANGFORD, RICK HAMILTON, DAVID MACHA, KEN MAHLER, MICKEY		WOLFE, ROGER GREGG, HAL POSEDEL, BILL HOGUE, CALVIN. BOWMAN, ROGER LAW, VERN. NELSON, JIM MILLER, BOB DETTORE, TOM ZACHARY, CHRIS. PATTERSON, DARYL		VELTMAN, ART WAGNER, HONUS. TRAYNOR, PIE DIETZ, DUTCH FRISCH, FRANKIE BONHAM, ERNIE LEVY, LENNY, MAIN, WOODY SURKONT, MAX WATERS, FRED SWANSON, RED	
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CHURN, CHUCK KRAVITZ, DANNY STEVENS, R.C. GIEL, PAUL SHANTZ, BOBBY VIRGIL, OZZIE BLASS, STEVE ROBINSON, BILL DAVIS, DICK NORDHAGEN, WAYNE OWCHINKO, BOB. GONZALEZ, DENNY LEZCANO, SIXTO KRAMER, RANDY		DANIELS, BENNIE WITT, GEORGE MIZELL, VINEGAR BEND CARDWELL DON RODGERS, ANDRE WILLS, MAURY CASH, DAVE BREIT, KEN. LANGFORD, RICK HAMILTON, DAVID MACHA, KEN. MAHLER, MICKEY THOMPSON, JASON PATTERSON, BOB		WOLFE, ROGER GREGG, HAL POSEDEL, BILL HOGUE, CALVIN. BOWMAN, ROGER LAW, VERN NELSON, JIM MILLER, BOB DETTORE, TOM ZACHARY, CHRIS PATTERSON, DARYL SADOWSKI, JIM TEKULVE, KENT. OTT, ED.		VELTMAN, ART. WAGNER, HONUS. TRAYNOR, PIE DIETZ, DUTCH FRISCH, FRANKIE BONHAM, ERNIE LEVY, LENNY. MAIN, WOODY. SURKONT, MAX. WATERS, FRED. SWANSON, RED. WILLIAMS, DON. GREEN, FREDDIE CLENDENON, DONN.	
CHURN, CHUCK KRAVITZ, DANNY STEVENS, R.C. GIEL, PAUL. SHANTZ, BOBBY VIRGIL, OZZIE BLASS, STEVE ROBINSON, BILL DAVIS, DICK NORDHAGEN, WAYNE OWCHINKO, BOB OWCHINKO, BOB CONZALEZ, DENNY LEZCANO, SIXTO		DANIELS, BENNIE WITT, GEORGE MIZELL, VINEGAB BEN D. CARDWELL, DON RODGERS, ANDRE WILLS, MAURY CASH, DAVE BRETT, KEN LANGFORD, RICK HAMILTON, DAVID. MALER, MICKEY, THOMPSON, JASON PATTERSON, BOB DISTEFANO, BENNY		WOLFE, ROGER GREGG, HAL POSEDEL, BILL HOGUE, CALVIN. BOWMAN, ROGER LAW, VERN. NELSON, JIM MILLER, BOB. DETTORE, TOM ZACHARY, CHRIS. PATTERSON, DARYL SADOWSKI, JIM. TEKULVE, KENT.		VELTMAN, ART. WAGNER, HONUS. TRAYNOR, PIE DIFTZ, DUTCH. FRISCH, FRANKIE. BONHAM, ERNIE. LEVY, LENNY. MAIN, WOODY. SURKONT, MAX. WATERS, FRED. SWANSON, RED. WILLIAMS, DON. GREEN, FREDDIE. CLENDENON, DONN. WOOD, WILBUR	
CHURN, CHUCK KRAVITZ, DANNY STEVENS, R. C. GIEL, PAUL SHANTZ, BOBBY, VIRGIL, OZZIE. BLASS, STEVE. ROBINSON, BILL DAVIS, DICK. NORDHAGEN, WAYNE OWCHINKO, BOB GONZALEZ, DENNY LEZCANO, SIXTO MARTINEZ, CARMELO MARTINEZ, CARMELO		DANIELS, BENNIE WITT, GEORGE MIZELL, VINEGAB BEN D. CARDWELL, DON RODGERS, ANDRE WILLS, MAURY CASH, DAVE BRETT, KEN LANGFORD, RICK HAMILTON, DAVID. MALER, MICKEY, THOMPSON, JASON PATTERSON, BOB DISTEFANO, BENNY		WOLFE, ROGER GREGG, HAL POSEDEL, BILL HOGUE, CALVIN. BOWMAN, ROGER LAW, VERN. NELSON, JIM MILLER, BOB DETIORE, TOM. ZACHARY, CHRIS PATTERSON, DARYL SADOWSKI, JIM. TEKULVE, KENT OTT, ED. MEDICH, GEORGE JONES, TIM.		VELTMAN, ART WAGNER. HONUS TRAYNOR, PIE DIETZ, DUTCH FRISCH, FRANKIE BONHAM, ERNIE LEVY, LENNY MAIN, WOODY SURKONT, MAX WAITES, FRED WILLIAMS, DON GREEN, FREDDIE CLENDENON, DONN WOOD, WIIBUR SANGUILLEN, MANNY	
CHURN, CHUCK KRAVITZ, DANNY STEVENS, R.C. GIEL, PAUL SHANTZ, BOBBY. VIRGIL, OZZIE BLASS, STEVE ROBINSON, BILL DAVIS, DICK NORDHAGEN, WA'YNE OWCHINKO, BOB. GONZALEZ, DENNY LEZCANO, SIXTO KRAMER, RANDY MARTINEZ, CARMELO BANISTER, JEFF		DANIELS, BENNIE WITT, GEORGE MIZELL, VINEGAR BEND CARDWELL, DON RODGERS, ANDRE WILLS, MAURY CASH, DAVE BRETT, KEN LANGFORD, RICK HAMILTON, DAVID MACHA, KEN MAHLER, MICKEY THOMPSON, JASON PATTERSON, BOB PATTERSON, BOB DISTEFANO, BENNY IIBBS, JAY		WOLFE, ROGER GREGG, HAL POSEDEL, BILL HOGUE, CALVIN. BOWMAN, ROGER LAW, VERN NELSON, JIM MILLER, BOB. DETTORE, TOM ZACHARY, CHRIS PATTERSON, DARYL SADOWSKI, JIM. TEKULVE, KENT. OTT, ED. MEDICH, GEORGE JONES, TIM.		VELTMAN, ART WAGNER. HONUS TRAYNOR, PIE DIETZ, DUTCH FRISCH, FRANKIE BONHAM, ERNIE LEVY, LENNY MAIN, WOODY SURKONT, MAX WATERS, FRED SWANSON, RED WILLIAMS, DON GREEN, FREDDIE CLENDENON, DONN WOOD, WILBUR SANGUILLEN, MANNY	
CHURN, CHUCK KRAVITZ, DANNY STEVENS, R.C. GIEL, PAUL. SHANTZ, BOBBY. VIRGIL, OZZIE BLASS, STEVE. ROBINSON, BILL DAVIS, DICK. NORDHAGEN, WAYNE. OWCHINKO, BOB. OOKZALEZ, DENNY. LEZCANO, SIXTO. KRAMER, RANDY. MARTINEZ, CARMELO. BANISTER, JEFF. MARTIN, AL.		DANIELS, BENNIE WITT, GEORGE MIZELL, VINEGAR BEND CARDWELL DON RODGERS, ANDRE WILLS, MAURY CASH, DAVE. BRETT, KEN. LANGFORD, RICK. HAMILTON, DAVID. MACHA, KEN. MAHLER, MICKEY. THOMPSON, JASON PATTERSON, BOB. DISTEFANO, BENNY ROSS, MARK.		WOLFE, ROGER GREGG, HAL POSEDEL, BILL HOGUE, CALVIN. BOWMAN, ROGER LAW, VERN NELSON, JIM MILLER, BOB. DETTORE, TOM ZACHARY, CHRIS PATTERSON, DARYL SADOWSKI, JIM. TEKULVE, KENT. OTT, ED. MEDICH, GEORGE JONES, TIM.		VELTMAN, ART WAGNER. HONUS TRAYNOR, PIE DIETZ, DUTCH FRISCH, FRANKIE BONHAM, ERNIE LEVY, LENNY MAIN, WOODY SURKONT, MAX WATERS, FRED SWANSON, RED WILLIAMS, DON GREEN, FREDDIE CLENDENON, DONN WOOD, WILBUR SANGUILLEN, MANNY	
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CHURN, CHUCK KRAVITZ, DANNY STEVENS, R.C. GIEL, PAUL. SHANTZ, BOBBY. VIRGIL, OZTIE BLASS, STEVE ROBINSON, BILL DAYIS, DICK. NORDHAGEN, WA'YNE. OWCHINKO, BOB. GONZALEZ, DENNY. LEZCANO, SIXTO. KRAMER, RANDY. MARTINEZ, CARMELO. BANISTER, JEFF MARTIN, AL. VANDER WAL, JOHN VILLONE, RON. PERRY, GERALD. MAHOLM, PAUL. BANISTER, JEFF JASO, JOHN LANNING, JOHNNY. ROE, PREACHER GUITERIGGE, DON. WEREIDGE, DON.		DANIELS, BENNIE WITT, GEORGE MIZELL, VINEGAR BEND. CARDWELL, DON RODGERS, ANDRE WILLS, MAURY CASH, DAVE BRETT, KEN. LANGFORD, RICK HAMILTON, DAVID. MACHA, KEN. MAHER, MICKEY. THOMPSON, JASON PATTERSON, BOB DISTEFANO, BENNY TIBBS, JAY ROSS, MARK ROORIGUEZ, ROSARIO CUMMINGS, MIDRE WILLIAMS, EDDIE MARTINEZ, MANNY MORRIS, WARREN. HOUSE, J.R MAHOM, PAUL MANTO, JEFF YATES, TYLER RESOP, CHRIS GOMEZ, JEANMAR SSHIKAWA, TRAVIS FELIZ, NEFTALI.		WOLFE, ROGER GREGG, HAL POSEDEL, BILL HOGUE, CALVIN. BOWMAN, ROGER LAW, VERN. MELSON, JIM MILLER, BOB. DETTORE, TOM ZACHARY, CHRIS. PATTERSON, DARYI SADOWSKI, JIM. TEKULVE, KENT. OTHER JONES, TIM. LONNETT, JOE. DEMETER, STEVE LAMONT, GENE NEAGLE, DENNY MICELI, DAN CORDOVA, FRANCISCO. WELLS, KIP. CHACON, SHAWN. DUMATRAIT, PHIL LINCOLN, BRAD OUALLS, CHAD. MAZARO, VIN HAPP, J.A. DIAZ, ELIAS.		VELTMAN, ART. WAGNER, HONUS. TRAYNOR, PIE DIFTZ, DUTCH. FRISCH, FRANKIE. BONHAM, ERNIE. LEVY, LENNY. MAIN, WOODY. SURKONT, MAX. WATERS, FRED. WILLIAMS, DON. GREEN, FREDDIE. CLENDENON, DONN. WOOD, WILBUR SANGUILLEN, MANNY. JACKSON, GRANT. LONNETT, JOE. ALEXANDER, GARY. JACKSON, GRANT. SEVIENY, STEVE. GREEN, CHRIS. HOLLAND, AL. GOTT, JIM. ROESLER, MIKE. TERRELL, WALT MARTINEZ, CARMELO. CLARK, DAYE. WILKINS, MARC. SIMON, RANDALL FIGUEROA, NELSON.	1934 1938 1938-1939 1940-1946 1947-1948 1952-1953 1954-1956 1956 1957 1958-1959 1957-1961, 1964 1967-1976, 1977, 1983 1977, 1983 1978 1981-1982 1982 1987 1987-1989 1990 19990 1997-2000 1997-2000 1997-2000 2003-2004 2004
CHURN, CHUCK KRAVITZ, DANNY STEVENS, R. C. GIEL, PAUL. SHANTZ, BOBBY, VIRGIL, OZZIE. BLASS, STEVE. ROBINSON, BILL DAVIS, DICK. NORDHAGEN, WAYNE. OWCHINKO, BOB. GONZALEZ, DENNY. LEZCANO, SIXTO. KRAMER, RANDY MARTINEZ, CARMELO BANISTER, JEFF MARTIN, AL. VILLONE, RON. PERRY, GERALD. MAHOLM, PAUL. BANISTER, JEFF JASO, JOHNY. LANNING, JOHNNY. ROE, PREACHER. GUTTERIDGE, DON WENEL, BILL WALSH, JUNIOR. DUIN, JIM.		DANIELS, BENNIE WITT, GEORGE MIZELL, VINEGAR BEND. CARDWELL, DON RODGERS, ANDRE WILLS, MAURY CASH, DAVE BRETT, KEN. LANGFORD, RICK HAMILTON, DAVID MACHA, KEN. MAHER, MICKEY THOMPSON, JASON PATTERSON, BOB DISTEFANO, BENNY TIBBS, JAY ROSS, MARK RODRIGUEZ, ROSARIO CUMMINGS, MIDRE WILLIAMS, EDDIE WILLIAMS, EDDIE MARTINEZ, MANNY MORRIS, WARREN. HOUSE, J.R MAHOLM, PAUL MANTO, JEFF VATES, TYLER RESOP, CHRIS GOMEZ, JEANMAR ISHIKAWA, TRAVIS FELIZ, NEFTALI		WOLFE, ROGER GREGG, HAL POSEDEL, BILL HOGUE, CALVIN. BOWMAN, ROGER LAW, VERN. MELSON, JIM MILLER, BOB. DETTORE, TOM ZACHARY, CHRIS. PATTERSON, DARYI SADOWSKI, JIM. TEKULVE, KENT. OTHER JONES, TIM. LONNETT, JOE. DEMETER, STEVE LAMONT, GENE NEAGLE, DENNY MICELI, DAN CORDOVA, FRANCISCO. WELLS, KIP. CHACON, SHAWN. DUMATRAIT, PHIL LINCOLN, BRAD OUALLS, CHAD. MAZARO, VIN HAPP, J.A. DIAZ, ELIAS.		VELTMAN, ART. WAGNER, HONUS. TRAYNOR, PIE DIETZ, DUTCH FRISCH, FRANKIE BONNAM, ERNIE LEVY, LENNY. MAIN, WOODY. SURKONT, MAX. WAITES, FRED. WILLIAMS, DON. GREEN, FREDDIE CLENDENON, DONN. WOOD, WILBUR SANGUILEN, MANNY. JACKSON, GRANT LONNETT, JOE ALEXANDER, GARY. JACKSON, GRANT SENTENY, STEVE HOLLAND, AL. GOTT, JIM. ROSSLER, MIKE. TERRELL, WALT. MARTINEZ, CARMELO. CLARK, DAVE. WILKINS, MARC. SIMON, RANDALL	1934 1938 1938-1939 1940-1946 1947-1948 1952-1953 1954-1956 1956 1957 1958-1959 1957-1961, 1964 1967-1976, 1977, 1983 1977, 1983 1978 1981-1982 1982 1987 1987-1989 1990 19990 1997-2000 1997-2000 1997-2000
CHURN, CHUCK KRAVITZ, DANNY STEVENS, R. C. GIEL, PAUL SHANTZ, BOBBY, VIRGIL, OZZIE. BLASS, STEVE. ROBINSON, BILL. DAVIS, DICK. NORDHAGEN, WAYNE. OWCHINKO, BOB. GONZALEZ, DENNY LEZCANO, SIXTO. BANISTER, JEFF MARTIN, AL. VANDER WAL, JOHN VOGELSONG, RYAN VILLONE, RON. PERRY, GERALD. MANISTER, JEFF JASO, JOHN LANNING, JOHNNY. ROE, PREACHER. GUITERIDGE, DON. WERLE, BILL. WALSH, JUNIOR. DUINN, JIM HETKI, JOHNNY.		DANIELS, BENNIE WITT, GEORGE WITT, GEORGE MIZELL, VINEGAR BEND. CARDWELL, DON RODGERS, ANDRE WILLS, MAURY. BRETT, KEN. LANGFORD, RICK HAMILTON, DAVID. MAKEN. MAHLER, MICKEY. THOMPSON, JASON PATTERSON, BOB DISTEFANO, BENNY TIBBS, JAY. ROSS, MARK. RODRIGUEZ, ROSARIO. CUMMINGS, MIDRE WILLIAMS, EDDIE MARTINEZ, MANNY MORRIS, WARREN. HOUSE, J.R. MAHOLM, PAUL. MANTO, JEFF YATES, TYLER RESOP, CHRIS. GOMEZ, JEANMAR. SHIKAWA, TRAVIS FELIZ, NEFTALI.		WOLFE, ROGER GREGG, HAL POSEDEL, BILL HOGUE, CALVIN. BOWMAN, ROGER LAW, VERN. NELSON, JIM. MILLER, BOB. DETTORE, TOM ZACHARY, CHRIS PATTERSON, DARYL SADOWSKI, JIM. TEKULVE, KENT. OTT, ED. MEDICH, GEORGE JONES, TIM. LONNETT, JOE. DEMETER, STEVE LAMONT, GENE. NEAGLE, DENNY. MICELI, DAN. CORDOVA, FRANCISCO. WELLS, KIP. CHACON, SHAWN. DUMATRAIT, PHIL LINCOLN, BRAD. QUALLS, CHAD. MAZZARO, VIN. HAPP, J.A. DIAZ, ELIAS.		VELTMAN, ART. WAGNER, HONUS. TRAYNOR, PIE DIFTZ, DUTCH FRISCH, FRANKIE BONHAM, ERNIE LEVY, LENNY. MAIN, WOODY. SURKONT, MAX. WATERS, FRED. SWANSON, RED. WILLIAMS, DON. GREEN, FREDDIE CLENDENON, DONN WOOD, WILBUR SANGUILLEN, MANNY. JACKSON, GRANT LONNETT, JOE ALEXANDER, GARY JACKSON, GRANT SENTENY, STEVE GREEN, CHRIS. HOLLAND, AL GOTT, JIM. MOSSEN, WIKE. TERRELL, WALIT. MARTINEZ, CARMELO. CLARK, DAVE. WILKINS, MARC. SIMON, RANDALL FIGUEROB, RESON. ELDRED, BRAD. ELDRED, BRAD.	
CHURN, CHUCK KRAVITZ, DANNY STEVENS, R. C. GIEL, PAUL. SHANTZ, BOBBY, VIRGIL, OZZIE. BLASS, STEVE. ROBINSON, BILL DAVIS, DICK. NORDHAGEN, WAYNE. OWCHINKO, BOB. GONZALEZ, DENNY. LEZCANO, SIXTO. KRAMER, RANDY MARTINEZ, CARMELO BANISTER, JEFF MARTIN, AL. VILLONE, RON. PERRY, GERALD. MAHOLM, PAUL. BANISTER, JEFF JASO, JOHNY. ROL, PREACHER. GUTTERIDGE, DON WENLE, BILL WALSH, JUNIOR. DUIN, JIM.		DANIELS, BENNIE WITT, GEORGE MIZELL, VINEGAR BEND. CARDWELL, DON RODGERS, ANDRE WILLS, MAURY CASH, DAVE BRETT, KEN. LANGFORD, RICK HAMILTON, DAVID MACHA, KEN. MAHER, MICKEY THOMPSON, JASON PATTERSON, BOB DISTEFANO, BENNY TIBBS, JAY ROSS, MARK RODRIGUEZ, ROSARIO CUMMINGS, MIDRE WILLIAMS, EDDIE WILLIAMS, EDDIE MARTINEZ, MANNY MORRIS, WARREN. HOUSE, J.R MAHOLM, PAUL MANTO, JEFF VATES, TYLER RESOP, CHRIS GOMEZ, JEANMAR ISHIKAWA, TRAVIS FELIZ, NEFTALI		WOLFE, ROGER GREGG, HAL POSEDEL, BILL HOGUE, CALVIN. BOWMAN, ROGER LAW, VERN. NELSON, JIM MILLER, BOB. DETTORE, TOM. ZACHARY, CHRIS PATTERSON, DARYL SADOWSKI, JIM. TEKULVE, KENT OTT, ED. MEDICH, GEORGE JONES, TIM. LONNETT, JOE DEMETER, STEVE LAMON, GENE LAMON, GENE NEAGLE, DANN CORDOVA, FRANCISCO WELLS, KIP CHACON, SHAWN. DUMATRAIT, PHIL LINCOLN, BRAD OUALLS, CHAD MAZZARO, VIN HAPP, J.A. DIAZ, ELIAS. GIBSON, GEORGE ENS, JEWEL		VELTMAN, ART. WAGNER, HONUS. TRAYNOR, PIE DIETZ, DUTCH FRISCH, FRANKIE BONHANM, ERNIE LEYY, LENNY. MAIN, WOODY. SURKONT, MAX. WATERS, FRED. WILLIAMS, DON. GREEN, REDDIE CLENDENON, DONN WOOD, WILBUR SANGUILLEN, MANNY. 1 JACKSON, GRANT LONNETT, JOE ALEXANDER, GARY. JACKSON, GRANT LONNETT, JO	
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CHURN, CHUCK KRAVITZ, DANNY STEVENS, R. C. GIEL, PAUL. SHANTZ, BOBBY. VIRGIL, OZZIE. BLASS, STEVE. ROBINSON, BILL. DAVIS, DICK. NORDHAGEN, WAYNE. OWCHINKO, BOB. GONZALEZ, DENNY. LEZCANO, SIXTO. KRAMER, RANDY. MARTINAL. VANDER WAL, JOHN VIGLONE, RYAN VILLONE, ROM. PERRY, GERALD. MAHOLM, PAUL. BANISTER, JEFF JASO, JOHN VILLORE, DANNY. LEFF JASO, JOHN VILLORE, DANNY. ROE, PREACHER. GUTTERIDGE, DON. WERLE, BILL WAISH, JOHNNY. LONG, DALE. LONG, DALE. LINNING. DUNN, JIM. HETKI, JOHNNY. LONG, DALE. LINNING. LONN, JIM. LONG, DALE. LINNING. LONNING. LONNI		DANIELS, BENNIE WITT, GEORGE WITT, GEORGE MIZELL, VINEGAR BEND. CARDWELL, DON RODGERS, ANDRE WILLS, MAURY CASH, DAVE BRETT, KEN. LANGFORD, RICK. HAMILTON, DAVID MACHA, KEN. MAHER, MICKEY THOMPSON, JASON PATTERSON, BOB. DISTEFANO, BENNY TIBBS, JAY ROSS, MARK. RODRIGUEZ, ROSARIO CUMMINGS, MIDRE WILLIAMS, EDDIE WILLIAMS, EDDIE MARTINEZ, MANNY MORRIS, WARREN. HOUSE, J.R. MAHOUN, PAUL MANTO, JEFF YATES, TYLER RESOP, CHRIS GOMEZ, JEANMAR ISHIKAWA, TRAVIS FEUZ, NEFTALL		WOLFE, ROGER GREGG, HAL POSEDEL, BILL HOGUE, CALVIN. BOWMAN, ROGER LAW, VERN. NELSON, JIM MILLER, BOB. DETTORE, TOM. ZACHARY, CHRIS PATTERSON, DARYL SADOWSKI, JIM. TEKULVE, KENT OTT, ED. MEDICH, GEORGE JONES, TIM. LONNETT, JOE DEMETER, STEVE LAMON, GENE LAMON, GENE NEAGLE, DANN CORDOVA, FRANCISCO WELLS, KIP CHACON, SHAWN. DUMATRAIT, PHIL LINCOLN, BRAD OUALLS, CHAD MAZZARO, VIN HAPP, J.A. DIAZ, ELIAS. GIBSON, GEORGE ENS, JEWEL		VELTMAN, ART. WAGNER, HONUS. TRAYNOR, PIE DIETZ, DUTCH. FRISCH, FRANKIE. BONHAM, ERNIE. LEVY, LENNY. MAIN, WOODY. SURKONT, MAX. WATERS, FRED. SWANSON, RED. WILLIAMS, DON. GREEN, FREDDIE CLENDENON, DONN. WOOD, WILBUR SANGUILLEN, MANNY. JACKSON, GRANT. LONNETT, JOE. ALEXANDER, GARY JACKSON, GRANTSEVIEW, SEVIEW, STEVEY GREEN, CHRIS. HOLLAND, AL GOTT, JIM. ROESLER, MIKE. TERRELL, WALT. MARTINEZ, CARMELO. CLARK, DAVE. WILKINS, MARC. SIMON, RANDALL FIOUEROB, NEISON ELDRED, BRAD. MORRIS, MATT. DAVIS, JASON. JARAMILLO, JASON.	1934 1938 1938 1938 1939 1940 1940-1946 1947-1948 1952-1953 1954-1956 1956 1957 1958-1959 1957-1961, 1964 1967 1968-1976, 1977, 1983 1981-1982 1982 1983 1984 1984 1985 1987-1990 1990 1990 1993-1996 1997-2000 2003-2004 2004 2005, 2007 2008 2008
CHURN, CHUCK KRAVITZ, DANNY STEVENS, R.C. GIEL, PAUL SHANTZ, BOBBY. VIRGIL, OZZIE. BIASS, STEVE ROBINSON, BILL DAVIS, DICK NORDHAGEN, WAYNE. OWCHINKO, BOB. GONZALEZ, DENNY. LEZCANO, SIXTO. BANISTER, JEFF. MARTIN, AL. VANDER WAL, JOHN VIGELSONG, RYAN VILLONE, GERALD. BANISTER, JEFF. JASO, JOHN LANNING, JOHNNY, GERALD. BANISTER, JEFF. JASO, JOHN LANNING, JOHNNY, ROE, PREACHER JASO, JOHN WERLE, BILL WALSH, JUNIOR DUNN, JIM HETKI, JOHNNY LONG, DALE.		DANIELS, BENNIE WITT, GEORGE MIZELL, VINEGAR BEND. CARDWELL, DON RODGERS, ANDRE WILLS, MAURY. CASH, DAVE. BRETT, KEN. LANGFORD, RICK HAMILTON, DAVID. MALER, MICKEY. THOMPSON, JASON PATTERSON, BOB DISTEFANO, BENNY. TIBBS, JAY. ROSS, MARK. RODRIGUEZ, ROSARIO CUMMINGS, MIDRE WILLIAMS, EDDIE MARTINEZ, MANHY MORRIS, WARREN. HOUSE, J.R. MAHOUN, PAUL. MANTO, JEFF VAITES, TYLER RESOP, CHRIS. GOMEZ, JEANMAR. ISHIKAWA, TRAVIS FELIZ, NEFTALL PADDEN, TOM. SUSCE, GEORGE C.		WOLFE, ROGER GREGG, HAL POSEDEL, BILL HOGUE, CALVIN. BOWMAN, ROGER LAW, VERN. MELSON, JIM MILLER, BOB. DETTORE, TOM ZACHARY, CHRIS. PATTERSON, DARYI SADOWSKI, JIM. TEKULVE, KENT. OTT. TEKULVE, KENT. OTT. MEDICH, GEORGE JONES, TIM. LONNETT, JOE DEMETER, STEVE LAMONT, GENE LAMONT, GENE NEAGLE, DENNY MICELI, DAN. CORDOVA, FRANCISCO. WELLS, KIP CHACON, SHAWN DUMATRAIT, PHIL LINCOLN, BRAD OUALLS, CHAD. MAZZARO, VIN HAPPP, JA. DIAZ, ELIAS.		VELTMAN, ART. WAGNER, HONUS. TRAYNOR, PIE DIETZ, DUTCH FRISCH, FRANKIE BONNHAM, ERNIE LEVY, LENNY. MAIN, WOODY. SURKONT, MAX. WAITES, FRED. WILLIAMS, DON. GREEN, FREDDIE CLENDENON, DONN WOOD, WILBUR JACKSON, GRANT LONNETT, JOE ALEXANDER, GARY. JACKSON, GRANT SENTENY, STEVE GREEN, CHES HOLLAND, AL. GOTT, JIM. ROESLER, MIKE. TERSELE, WALT. MARTINEZ, CARMELO. CLARK, DAVE. WILKINS, MARC. SIMON, RANDALL FIGUEROA, NELSON ELDRED, BRAD. WORKIS, MATT. DAVIS, JASON.	1934 1938 1938 1938 1939 1940 1940-1946 1947-1948 1952-1953 1954-1956 1956 1957 1958-1959 1957-1961, 1964 1967 1968-1976, 1977, 1983 1981-1982 1982 1983 1984 1984 1985 1987-1990 1990 1990 1993-1996 1997-2000 2003-2004 2004 2005, 2007 2008 2008

DANIELS. BENNIE

PIZARRO, JUAN......1967-1968

FRANCIS, EARL..

LABINE, CLEM ...

SCHWALL, DON

.1960

. 1960

.....1960-1961

.....1963-1966

JARVIS, ROY1946-1947

BOWMAN, ROGER1953, 1955

TURNER, EARL.....

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WAGNER, HONUS	1977-1979
ENS, JEWEL	1938
MANUSH, HEINIE	1938
KELLY, MIKE	
DAVIS, SPUD	
BAGBY, JIM	1947
MAIN, WOODY	1948.1950
MUIR, JOE	
QUEEN, MEL	
HOGUE, CALVIN	
HALL, BOB	
ADDIS, BOB	
WATERS, FRED	
ARROYO, LUIS	1956
TRIMBLE, JOE	
BLACKBURN, RON	
LAMABE, JACK	
BUTTERS. TOM	
BORK, FRANK	
RIBANT, DENNIS	1967
TAYLOR, CARL	
GARBER, GENE	
CAMBRIA, FRED	
COLPAERT, RICH	
HERNANDEZ, RAMON	
JONES, ODELL	
ALEXANDER, MATT	
ORTIZ. JUNIOR	
WYNNE, MARVELL	
FISHER, BRIAN	
RUCKER, DAVE	
KIMM, BRUCE	
RICHARDSON, JEFF	1991
REDFIELD, JOE	
YOUNG, KEVIN	
JOHNSON, MARK	
JOHNSON, JASON	
MARTINEZ, JAVIER	
TAYLOR, BILL	2001
WILSON, CRAIG	2001-2006
PEREZ, JUAN	
KARSTENS. JEFF	
CRUZ. LUIS	
LEDEZMA, WIL	
OLSEN, GARRETT	
LUDWICK, RYAN	
NAVARRO, YAMAICO	
IRWIN, PHIL Morneau, Justin	2017
VOLQUEZ, EDINSON	
FISCHER, BRAD	
OSUNA, JOSE	
UJUNA, JUJE	201/
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GRIMES, BURLEIGH	1934
EPPS, AUBREY	1935
GOOCH, JOHNNY	1938
CLEMENSEN, BILL	1939-1941
BELL, FERN	1940
DIMAGGIO, VINCE	1940
CONGER, RICH	1941-1942
ANDERSON, ALF	1946
MCKEE, J. R	
RIDDLE, ELMER	
POAT, RAY	
GREGG, HAL	
GUMBERT, HARRY	1949-1950
STEVENS, ED	
KOSHOREK, CLEM	
SCHULTZ, BOB	
GRUNWALD, AL	
GARBER, BOB	
KUZAVA, BOB	
SMITH, BOB	
GROSS, DON	
UMBRICHT, JIM	1959-1961
YARA I 2203	1961

SISK, TOMMIE	1962
PURKEY, BOB	1966
SHORT, BILL	1967
GONZALEZ, FERNANDO	1972-1973
DILONE, MIGUEL	
LOIS, ALBERTO	
BELLIARD, RAFAEL	
SCHUELER, RON	
SANDT, TOMMY	1987-1996
SANDT, TOMMY	
JONES, JOE	
BROWN, BRANT	1999
AVEN, BRUCE	2000
SUPPAN, JEFF	2003
FIGUEROA, NELSON	2003
JOHNSTON, MIKE	2004-2005
DECASTER, YURENDELL	2006
WASDIN, JOHN	2007
CHAVEZ, RAUL	2008
MORTON, CHARLIE	2010
OVERBAY, LYLE	201
CRUZ, JUAN	2012
WILSON, JUSTIN	2013-2014
CAMINERO, ARQUIMEDES	2015-2016
HANSON, ALEN	2016-2017
SANTANA, EDGAR	2017
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JCHULIZ, JUL	13337-1341
FERNANDES, ED	1940
TAYLOR, ZACK	
MCLISH, CAL	
BARRETT, FRANK	1950
YOCHIM, LEN	1951, 1954
FOILES, HANK	1956
HALL, DICK	1959
GROSS, DON	1958, 1960
JACKSON, AL	1959
OLIVO, DIOMEDES	1960, 1962
SHELLENBACK, JIM	
MOOSE, BOB	
TIANT, LUIS	1981
SARMIENTO, MANNY	1982-1983
BELLIARD, RAFAEL	1986-1987
PALACIOS, VICENTE	1987-1988
LITTLE, SCOTT	
PATTERSON, BOB	
RAMIREZ, ROBERTO	1994-1995
GOTT, JIM	1995
PETERS, CHRIS	
MARTINEZ, RAMON	
WENGERT, DON	2001
HYZDU, ADAM	2001-2003
BAY, JASON	
HANSEN, CRAIG	2008-2009
KRATZ, ERIK	2010
LEROUX, CHRIS	2010
PAUL, XAVIER	
PIMENTEL, STOLMY	2013-2014
VOLSTAD. CHRIS	2015

.....1934 ..1939-1941

HOLLEY, ED...... SCHULTZ, JOE

39	
WILKIE, LEFTY	1941-1942
ODGAJNY, JOHNNY	1943
HALLETT, JACK	
BURWELL, BILL	1947
ADDIS, ROBERT	1953
THIES, JAKE	
ARROYO, LUIS	1957-1958
DANIELS, BENNIE	1959
WITT GEORGE	1961

2016

2016

2016

..... 2016-2017

..1962-1972

SORIA, JÓAKIM.. MORSÉ, MICHAEL.

KRATZ, ERIK ...

MOROFF, MAX

VEALE, BOB.

MCKEÉ, JIM.

LEBLANC, WADE

PARKER, DAVE	1973-1983
PAGE, MITCHELL	
REYNOLDS, R.J	
MAY, MILT	
GRANGER, JEFF	
WALLACE, JEFF	
FETTERS, MIKE	2001-2002
REYES, AL	
MAHOMES, PAT	
GRABOW, JOHN	2003-2006
HERNANDEZ, ROBERTO	2006
CHACON, SHAWN	
MCLEARY, MARTY	
YATES, TYLER	
MOSS, BRANDON	
DONNELLY, RICH	
JAKUBAUSKAS, CHRIS	
GRILLI. JASON	
D'ARNAUD, CHASE	
LAFROMBOISE, BOBBY	
KUHL, CHAD	2016-2017
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4 1	
KREMER, RAY	1932-1933
NONNENKAMP, RED	1933
LUCAS, RED	1934-1938
RIKARD, CULLEY	1941-1942
HALLETT, JACK	
GERHEAUSER, AL	
MCLISH, CAL	1947
MCCALL, JOHN	1950
STOCK, MILT	1951-1952
FITZPATRICK, JOHN	1953-1955
MURTAUGH, DANNY	1956-1964
WICKERSHAM, DAVE	
ELLIS, DOCK	1968-1969
ELLIS, DOCK MURTAUGH, DANNY	1970-1971.
<u> </u>	1974-1976
CAMPANIS, JIMMY	
(RETIRED -	1977)

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MEINE, HEINIE	1932-1934
BUSH, GUY	
KLINGER, BOB	
RESCIGNO, XAVIER	1943-1945
WORKMAN, CHUCK	
HERMAN, BABE	1951
SUKEFORTH, CLYDE	
BURWELL, BILL	1958-1962
OSBORN, DON	1963-1964
VIRDON, BILL	1970-1973
REUSS, JERRY	1974-1978
COLEMAN, JOE	1979
HASSLER, ANDY	1980
MOSKAU, PAUL	1982
DELEON, JOSE	1983
WINN, JIM	1984-1986
DUNNE, MIKE	1987-1989
SMITH, MIKE	1989
LITTLE, SCOTT	
HUISMANN, MARK	1990
SMITH, ZANE	1990-1994
CHRISTIANSEN, JASON	1995-2000
D'AMICO, JEFF	2003
BOEHRINGER, BRIAN	2004
DOUMIT, RYAN	2005-2011
TAKAHASHI, HISANORI	2012
SOFIELD, RICK	2013-2016
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4	<u> </u>
FRENCH, LARRY	1932-1934
HOPPER, JIM	1946

MAUCH, GENE

POSEDEL, BILL

LEVY, LENNY.

. 1951-1953

..1957-1958

.1947

DETORE, GEORGE	1959
DYKES, JIM	1959
VERNON, MICKEY	1960, 1964
NORTHEY, RON	
HARTENSTEIN, CHUCK	1969
OSBORN, DON	1970-1972, 1974-1976
WRIGHT, MEL	1973
MONCHAK, AL	1977-1984
EASLEY, LOGAN	1987, 1989
CARTER, STEVE	1989-1990
VARSHO, GARY	1991-1992
SHOUSE, BRIAN	
HANCOCK, LEE	1995-1996
SCHMIDT, JASON	
(RETIRED - 1997 J	ACKIE ROBINSON)

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SWETONIC, STEVE	1932-1933
BLANTON, CY	1934
WEAVER, JIM	1935-1937
KINER, RALPH	1946
NARRON, SAM	1952-1964
CARDWELL, DON	1965-1966
DAL CANTON, BRUCE	1967-1969
LEPPERT, DON	1970-1976
SHERRY, LARRY	1977
ROBINSON, DON	1978-1987
LANDRUM, BILL	1989-1991
WAGNER, PAUL	1992-1997
WILLIAMS, MIKE	1999-2003
MONDESI, RAUL	2004
ROBERTS, WILLIS	2004
SADLER, RAY	2005
MARTE, DAMASO	2006-2008
CHAVEZ, JESSE	2008-2009
TASCHNER, JACK	2010
GALLAGHER, SEAN	2010
VERAS, JOSE	2011
SLATEN, DOUG	2012
REID, RYAN	2013
HOLDZKOM, JOHN	2014
BRAULT, STEVEN	2016-2017

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`حن'	₹
HARRIS, BILL	1932-1934
SALVESON, JACK	
HEINTZELMAN, KEN	1937
SEWELL, RIP	1938-1939
BAKER, BILL	1946
METKOVICH, CATFISH	1952-1953
RICE, HAL	1953-1954
MARQUEZ, LOUIS	1954
OCEAK, FRANK	1958-1964, 1970-1972
TAYLOR, CARL	1969
DETTORE, TOM	1973
LAMB, JOHN	1973
DEMERY, LARRY	1975-1977
GASTON, CITO	
BOYLAND, DOE	
SOLOMON, EDDIE	
ZASKE, JEFF	1983-1984
PRINCE, TOM	1987
CANGELOSI, JOHN	
ESPY, CECIL	199
COLLINS, TERRY	
SHELTON, BEN	
WHITE, RICK	
BOEVER, JOE	1996
DARWIN, DANNY	1996
RENICK, RICK	1997-2000
JEWETT, TRENT	
REYES, DENNYS	
COREY, MARK	
SHARPLESS, JOSH	
MEEK, EVAN	
MOSS, BRANDON	
PRESLEY, ALEX	201
WATSON, TONY	2012-2017

		LILDEN, 30111334 1330
45		SAUERBECK, SCOTT 1999-2003
<u>~~</u>		VAN BENSCHOTEN, JOHN
SWIFT, BILL	1932-1939	2004-2005, 2007-2008
GABLES, KEN	1945-1946	MEEK, EVAN2009-2012
LONG, DALE	1951	LIRIANO, FRANCISCO2013-2016
DONOSO, LINO	1956	LINDBLOM, JOSH2017
LEVY, LENNY	1959-1963	LUPLOW, JORDAN2017
MICHAEL, GENE	1966	
ROBERTS, DAVE L	1966	4
BROSSEAU, FRANK	1969, 1971	48
MORGAN, JOE		-2 (C)
AUGUSTINE, DAVE	1973	BRAME, ERV1932
BRINKMAN, CHARLIE	1974	HOYT, WAITE1933-1937
CANDELARIA, JOHN	1975-1985	BERRES, RAY1937
DONNELLY, RICH		BOWMAN, JOE1938-1939
LIND, JACK	1997-2000	HAMLIN, KEN1957, 1959
SERAFINI, DAN		BLACKBURN, RON1958
MULHOLLAND, TERRY		BARONE, DICK1960
MCKNIGHT, TONY		CHENEY, TOM1960
SANCHEZ, DUANER	2002-2003	LANIER, LORENZO1971
COX. JEFF	2006	GOGGIN. CHUCK1972

SNELL, IAN2006-2009

ASCANIO, JOSE......2009, 2011

BEDARD, ERIK2012 COLE, GERRIT2013-2017

CHAGNON, LEON	1932-193
BLANTON, CY	1935-1939
BAHR, ED	1946
HALL, BILL	1954
ACOSTA, ED	
PENA, ORLANDO	
BRINKMAN, CHUCK	197
MINSHALL, JIM	
BRYE, STEVE	
WHITSON, ED	
LEE, MARK	
WALTON, REGGIE	
DILONE, MIGUEL	
KRAWCZYK, RAY	
PRINCE, TOM	
BAIR, DOUG	
FAJARDO, HECTOR	
NOBOA, JUNIOR	
WILSON, GARY	
ALLENSWORTH, JERMAINE	1996-1998
SCHOUREK, PETE	199
JEWETT, TRENT	
MARTE, DAMASO	
MEADOWS, BRIAN	
ARMAS, TONY	
BARTHMAIER, JIMMY	
JONES, GARRETT	
WORLEY, VANCE	
PARTCH, CURTIS	
NOVA. IVAN	
, .	

SPENCER, GLENN	1932
SMITH, HAROLD L	1932-1935
HAFEY, BUD	
BROWN, MACE	1936-1939
CLEMENSEN, BILL	1946
FRANCIS, EARL	1960
GRANT, JIM	
NELSON, JIM	
PARKER, DAVE	1973
WHITSON, EDDIE	1977
CAMACHO, ERNIE	1981
GUANTE, CECILIO	1982-1986
GREGG, TOMMY	1987-1988
MILLIGAN, RANDY	1988
LITTLE, SCOTT	
REUSS, JERRY	
SCHULZ, JEFF	
BULLETT, SCOTT	1991, 1993

I BENSCHOTEN, JOHN	
2004-2005	, 2007-2008
K, EVAN	2009-2012
ANO, FRANCISCO	2013-2016
OBLOM, JOSH	2017
LOW, JORDAN	2017
48	

LIEBER, JON......1994-1998

.....19321933-193719371938-1939 1957, 19591958196019601971 LAMB, JOHN1973 MORENO, OMAR.....1974-1975 MCDOWELL, SAM......1975 MINSHALL, JIM1975 JONES, TIM.....1977 CARROLL, CLAY1978 SKINNER, BOB1979-1985 REUSCHEL, RICK1985-1987 POWER, TED......1990 MASON, ROGER1991-1992 OTTO, DAVE.......1993 AUDE, RICH......1993, 1995-1996 NUNEZ, ABRAHAM.....1997 LAWRENCE, SEAN1998 RITCHIE, TODD......1999-2001 LOWE, SEAN......2002 COLBORN, JIM......2006-2007 BEAM, T.J.....2008 YOUNG, DELWYN2009 LOPEZ, JAVIER......2010 VERAS, JOSE......2011 WOOD, TIM......2011 RUNZLER, DAN

RIRKOFFR RAIPH

1933-1936

DIKKUFEK, KALPH	1933-1930
BRANDT, ED	1937-1938
GUINTINI, BEN	1946
MCKEE, JIM	1972
PIZARRO, JUAN	1974
ARMAS, TONY	1975-1976
NICOSIA, STEVE	1978
MAY, DAVE	1978
ROBERTS, DAVE A	1979-1980
LAW, VANCE	1980
CRUZ, VICTOR	1981
MCWILLIAMS, LARRY	1982-1986
PENA, HIPOLITO	1987
ROSS, MARK	1987
ROBINSON, JEFF D	1987-1989
GLEATON, JERRY DON	1992
WAKEFIELD, TIM	1992-1993
POWELL, ROSS	1995
RUEBEL, MATT	1996-1997
TABAKA, JEFF	1998
MANZANILLO, JOSIAS	2000-2002
REBOULET, JEFF	
MESA, JOSE	2004-2005
MCLOUTH, NATE	2006-2007
BULLINGTON, BRYAN	2007
OHLENDORF, ROSS	
LOCKE, JEFF	2012-2016

DUDITY CHEE	1077
DUDLEY, CLISE	
JOHNSON, LLOYD	
BROWN, MACE	
TOBIN, JIM	
TAVERAS, FRANK	1971
TEKULVE, KENT	1974
JONES, ODELL	
VARGAS, HEDIBERTO	
JONES, BARRY	
LAPOINT, DAVE	
BELINDA, STAN	
DEWEY, MARK	
KONUSZEWSKI, DENNIS	1995
VUCKOVICH, PETE	
BARKETT, ANDY	2001
WILKINS, MARC	2001
TAVAREZ, JULIAN	
BOYD, JASON	
BAUTISTA, JOSE	
LAWTON, MATT	
GORZELANNY, TOM	
DAVIDSON, DAVE	
BASS, BRIAN	
MORTON, CHARLIE	
TAILLON, JAMESON	
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WELCH, JOHNNY	1936
BAUERS, RUSS	1936-1939
DEMERY, LARRY	1974
PIZARRO, JUAN	
JONES, ODELL	1975
SHERRY, LARRY	
JEFFERSON, JESSE	
FROBEL, DOUG	
KIPPER, BOB	
RUCKER, DAVE	
BILARDELLO, DANN	
QUINONES, REY	
GARCIA, CARLOS	
WOMACK, TONY	
LOISELLE, RICH	
GONZALEZ, MIKE	
MORRIS, MATT	
MALDONADO, CARLOS	
PEARCE, STEVE	
RODRIGUEZ, WANDY	2012-2014
HAGUE, MATT	
HERNANDEZ, GORKYS	2015
FLORIMON, PEDRO	
GLASNOW, TYLER	
BARBATO, JOHNNY	
יייייייייייייייייייייייייייייייייייייי	2017

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OSBORNE, WAYNE	1935
THEVENOW, TOMMY	
WITT, GEORGE	
SCHERMAN, FRED	
BONILLA, BOBBY	
DONNELLY, RICH	
TAYLOR, DORN	
CHANCE, TONY	
TAYLOR, DORN	
ALOU, MOISES	
WEHNER, JOHN	
BATISTA, MIGUEL	
CLONTZ, BRAD	2000
TANNER, BRUCE	
SANTOS, VICTOR	
OSORIA, FRANQUELIS	
HANRAHAN, JOEL	
CONTRERAS, JOSE	
SCAHILL, ROB	
PARTCH, CURTIS	
COKE, PHIL	
MARINEZ, JHAN	2017
LEATHERSICH, JACK	2017

HEINTZELMAN, KEN	1938-1939
BERRA, DALE	1977
PENA, HIPOLITO	1987
ROSS, MARK	1987, 1990
YORK, MIKE	1990
MCCURRY, JEFF	1995, 1998
WAINHOUSE, DAVE	1996-1997
BEIMEL, JOE	2001-2003
SNELL, IAN	2004-2006
EDWARDS, MIKE	2006
KATA, MATT	2007
DONNELLY, BRENDAN	2010
McDONALD, JAMES	
AXFORD, JOHN	2014
MOREL, BRENT	2015
LOBSTEIN, KYLE	2016
PHILLIPS, ZACH	2016
BARBATO, JOHNNY	2017
BENOIT, JOAQUIN	2017

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GOSSAGE, RICH	1977
MAY, DAVID	1978
ALCALA, SANTO	1981
NIEMANN, RANDY	1982
NORMAN, NELSON	1982
FANSLER, STAN	
FISHER, BRIAN	1987-1989
MERCED, ORLANDO	1990
CANDELARIA, JOHN	
WILLIAMS, SPIN	1994-2005
BAYLISS, JONAH	2006-2007
BAUTISTA, DENNY	2008-2009
SEARAGE, RAY	2010-2017

LAW, VANCE	1979-1980
FROBEL, DOUG	1982
WOTUS, RON	
BIELECKI, MIKE	
PETERSON, RICK	1984-1985
DRUMMOND, TIM	1987
HOSTETLER, DAVE	
MEDVIN, SCOTT	1988-1989
MINOR, BLAS	1994
MOREL. RAMON	1995-1997
ANDERSON, JIMMY	1999-2002
RIVERA. CARLOS	2003-2004
REDMAN, MARK	2005
CAPPS, MATT	
MCKENRY, MICHAEL	
MARTIN, RUSSELL	
BLANTON, JOE	
BELL, JOSH	
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1974
1982
1986
1987
1987
1989
1990
1992
1993-1995
1997-2001
2003-2004
2005-2006
2006
2008
2009
2011-2017

57		60		6 4		71	
NATON. PETE	1953	KRAMER, RANDY	1988	CANDELARIA, JOHN	1975	DESSENS, ELMER	1996-1998
BOYLAND, DORIAN	1978	BELINDA, STAN		JIMENEZ, HOUSTON	1987	BOEHRINGER, BRIAN	2002-2003
HADDIX, HARVEY		MADDUX, MIKE		MILLER, PAUL	1991-1993	BURRES, BRIAN	2010-2011
LONG, ROBERT		BOYD, JASON		JOHNSTON, JOEL	1993-1994		
SMILEY, JOHN		PARRA, JOSE		WILLIAMS, MIKE	1998		
COX, DANNY		BULLINGTON, BRYAN		GARCIA, MIKE		73	
GOFF, JERRY		DORANTE, LUIS		SKRMETTA, MATT		₹	
ERICKS, JOHN		CROTTA, MIKE		GUERRA, DEOLIS		RINCON, RICARDO	1997-1998
VAN POPPEL, TODD		THOMPSON, AARON		OSUNA, JOSE		DIAZ, ARGENIS	
HANSELL. GREG		MCPHERSON, KYLE		BORMANN, JOHN		RIVERO, FELIPE	
SPARKS, STEVE		JOHNSON, KRIS		,		THE TOTAL CONTROL CONT	
LINCOLN. MIKE		LAFROMBOISE, BOBBY					
BROOKS, FRANK		LAI KUMDUISE, DUDD I	2014	65		75	
DUKE, ZACH							
MOSKOS, DANIEL		ic i		MORENO, ARMANDO	1000_1001	REDFIELD, JOE	1001
				PETKOVSEK, MARK		LOISELLE, RICH	
MORRIS, BRYAN		ANDERSON, DICK	1072	THOMAS, JUSTIN		PRESLEY, ALEX	
SANCHEZ, JONATHAN							
ZAGURSKI, MIKE		ORSULAK, JOE		WATSON, TONY		LIVESEY, JEFF	2014-2017
LAMBO, ANDREW		KRAWCZYKI, RAY		HAGUE, MATT			
RONDON, JORGE		ALOU, MOISES		SADLER, CASEY	2014-2015	$\sqrt{2}\sqrt{2}$	
WILLIAMS, TREVOR	2016-2017	TAYLOR, DORN				77	
		COLE, VICTOR					
— —		TOLIVER, FRED		66		CARRASCO, D.J	2010
58		MAY, DARRELL	1996			BURRES, BRIAN	2011
		RAMÍREZ, ALEX		BELLIARD, RAFAEL	1982		
FOOR, JIM	1972-1973	BURNETT, SEAN		MINOR, BLAS			
ORTIZ, JUNIOR		GORZELANNY, TOM		SHELTON, BEN			
PULIDO. ALFONSO		CLAGGETT, ANTHONY		BALLARD, JEFF		185	
		PARK, CHAN HO		TREMIE, CHRIS			
KHALIFA, SAMMY				FURMANIAK, J.J		MILLEDGE, LASTINGS	2009-2010
DAVIS, WALLACE		LOCKE, JEFF				JAUSS, DAVE	2013-2017
GIDEON, BRETT		WILSON, JUSTIN		MORNEAU, JUSTIN		,	
SAMUELS, ROGER		WELKER, DUKE		DIAZ, ELIAS			
PALACIOS, VICENTE		WALL, JOSH		NEVERAUSKAS, DOVYDAS	2017	(O)[C)	
ROBERTSON, RICH	1993-1994	NGOEPE, GIFT	2017			(O)(O)	
O'CONNOR, BRIAN						ANDRADE, HEBERTO	2004-2017
WILLIAMS, DAVE	2001-2002,		1	<u>h</u> //		ANDRADE, HEDERTO	2004-2017
	2004-2005	62	,	$\overline{}$			
SANCHEZ, ROMULO	2008	<u>(U)</u> <u>(</u>	•	MCDOWELL, SAM	1975		
JACKSON, STEVEN		GREEN, CHRIS	1984	MENENDEZ, TONY	1993	$\bigcap \mathcal{O}$	
RAYNOR, JOHN		DYER, MIKE		CORDOVA, FRANCISCO		ini //	
RITCHIE, GREGG		WILKÍNS, MARC					
CUMPTON, BRANDON		BIESER, STEVE				BRANSON, JEFF	2013
LIZ. RADHAMES		CAPPS, MATT		68			
		MCCUTCHEN, DANIEL					
MARTE, KELVIN		PENN, HAYDEN		DISTEFANO, BENNY	1004		
STALLINGS, JACOB	2010-2017					[8][8]	
		HARRISON, JOSH		CLARK, DAVE			
一个		HERNANDEZ, GORKYS		DOUGHERTY, JIM		WHITE, RICK	2005
59		MOROFF, MAX	2017	TOREGAS, WYATT		WIIIL, NICK	2003
				BLACK, VIC	2013		
DILONE, MIGUEL	1974)			<u> </u>	
LONG, ROBERT	1981	63	}	(2)		16151	
WINN, JIM	1983			[69]			
SHIRLÉY, STEVE		SAUVEUR, RICH	1986	<u></u>			2017
		TABAKA, JEFF		SCHULZ, JEFF	1991	COMADENA, JORDAN	2017
DIΔ7 MIKE	1986			ARROYO, BRONSON	2000-2002		
		PUR NUSTRANG	1997				
MADDEN, MORRIS	1988-1989	ROBERTSON, RICH					
MADDEN, MORRISTOMBERLIN, ANDY	1988-1989 1993	OSIK, KEITH	1996	FRYER, ERIC	2011		
MADDEN, MORRIS TOMBERLIN, ANDY MANZANILLO, RAVELO	1988-1989 1993 1994-1995	OSIK, KEITH SODOWSKY, CLINT	1996 1997	FRYER, ERIC MERCER, JORDY	2011 2012	97	
MADDEN, MORRIS TOMBERLIN, ANDY MANZANILLO, RAVELO CLONTZ, BRAD	1988-1989 1993 1994-1995 1999	OSIK, KEITH SODOWSKY, CLINT LAKER, TIM	1996 1997 1999	FRYER, ERIC MERCER, JORDY BOSCAN, WILFREDO	2011 2012 2015-2016	97	
MADDEN, MORRIS TOMBERLIN, ANDY MANZANILLO, RAVELO (LONTZ, BRAD MACKOWIAK, ROB	1988-1989 1993 1994-1995 1999 2001-2004	OSIK, KEITHSODOWSKY, CLINTLAKER, TIMCRUZ LUIS	1996 1997 1999 2008	FRYER, ERIC MERCER, JORDY	2011 2012 2015-2016	ST STEEL TOE	2011
MADDEN, MORRIS	1988-1989 1993 1994-1995 1999 2001-2004 2005	OSIK, KEITHSODOWSKY, CLINTLAKER, TIMCRUZ LUISLEROUX, CHRIS		FRYER, ERIC MERCER, JORDY BOSCAN, WILFREDO	2011 2012 2015-2016	BEIMEL, JOE	2011
MADDEN, MORRIS	1988-1989 1993 1994-1995 1999 2001-2004 2005	OSIK, KEITHSODOWSKY, CLINTLAKER, TIMCRUZ LUIS		FRYER, ERIC MERCER, JORDY BOSCAN, WILFREDO	2011 2012 2015-2016	BEIMEL, JOE	2011
MADDEN, MORRIS	1988-1989 1993 1994-1995 1999 2001-2004 2005	OSIK, KEITHSODOWSKY, CLINTLAKER, TIMCRUZ LUISLEROUX, CHRIS		FRYER, ERIC MERCER, JORDY BOSCAN, WILFREDO	2011 2012 2015-2016	BEIMEL, JOE	2011
MADDEN, MORRIS	1988-1989 1993 1994-1995 1999 2001-2004 2005 2006	OSIK, KEITHSODOWSKY, CLINTLAKER, TIMCRUZ LUISLEROUX, CHRIS		FRYER, ERIC MERCER, JORDY BOSCAN, WILFREDO	2011 2012 2015-2016	BEIMEL, JOE	2011
MADDEN, MORRIS		OSIK, KEITHSODOWSKY, CLINTLAKER, TIMCRUZ LUISLEROUX, CHRIS		FRYER, ERIC	2011 2012 2015-2016 2017	BEIMEL, JOE	2011
MADDEN, MORRIS		OSIK, KEITHSODOWSKY, CLINTLAKER, TIMCRUZ LUISLEROUX, CHRIS		FRYER, ERIC	2011 2012 2015-2016 2017	97 Beimel, Joe	2011
MADDEN, MORRIS. IOMBERIN, ANDY. MANZANILO, RAVELO. CLONTZ, BRAD. MACKOWIAK, ROB. MCLOUTH, NATE. PEREZ, OLIVER. ROGERS, BRIAN. KOLB, DAN. LONG, DON. EVELAND, DANA.		OSIK, KEITHSODOWSKY, CLINTLAKER, TIMCRUZ LUISLEROUX, CHRIS		FRYER, ERIC	2011 2012 2015-2016 2017	BEIMEL, JOE	2011
MADDEN, MORRIS. IOMBERIN, ANDY. MANZANILLO, RAVELO. CLONTZ, BRAD. MACKOWIAK, ROB. MCLOUTH, NATE. PEREZ, OLIVER. ROGERS, BRIAN. KOIB, DAN. LONG, DON. EVELAND, DANA. STRITTMATTER, MARK.		OSIK, KEITHSODOWSKY, CLINTLAKER, TIMCRUZ LUISLEROUX, CHRIS		FRYER, ERIC	2011 2012 2015-2016 2017	BEIMEL, JOE	2011
MADDEN, MORRIS		OSIK, KEITHSODOWSKY, CLINTLAKER, TIMCRUZ LUISLEROUX, CHRIS		FRYER, ERIC	2011 2012 2015-2016 2017	97 Beimel, Joe	2011
DIAZ, MIKE. MADDEN, MORRIS. TOMBERLIN, ANDY. MANZANILLO, RAVELO. CLONTZ, BRAD. MACKOWIAK, ROB. MCLOUTH, NATE. PEREZ, OLIVER. ROGERS, BRIAN. KOLB, DAN. LONG, DON. EVELAND, DANA. STRITTMATTER, MARK. SANCHEZ, TONY. MOREL, BRENT.		OSIK, KEITHSODOWSKY, CLINTLAKER, TIMCRUZ LUISLEROUX, CHRIS		FRYER, ERIC	2011 2012 2015-2016 2017	BEIMEL, JOE	2011
MADDEN, MORRIS. TOMBERIN, ANDY. MANZANILIO, RAVELO. CLONIZ, BRAD. MACKOWIAK, ROB. MACKOWIAK, ROB. MCLOUTH, NATE. PEREZ, OLIVER. ROGERS, BRIAN. KOLB, DAN. LONG, DON. EVELAND, DANA. STRITIMATTER, MARK. SANCHEZ, TONY. BASTARDO, ANTONIO.		OSIK, KEITHSODOWSKY, CLINTLAKER, TIMCRUZ LUISLEROUX, CHRIS		FRYER, ERIC	2011 2012 2015-2016 2017	BEIMEL, JOE	2011
MADDEN, MORRIS. TOMBERIN, ANDY. MANZANILLO, RAVELO. CLONTZ, BRAD. MACKOWIAK, ROB. MCLOUTH, NATE. PEREZ, OLIVER ROGERS, BRIAN. KOLB, DAN. LONG, DON. EVELAND, DANA. STRITTMATTER, MARK. SANCHEZ, TONY. MOREL, BRENT. BASTARDO, ANTONIO. HANSON, ALEN.		OSIK, KEITHSODOWSKY, CLINTLAKER, TIMCRUZ LUISLEROUX, CHRIS		FRYER, ERIC	2011 2012 2015-2016 2017	BEIMEL, JOE	2011
MADDEN, MORRIS. TOMBERIN, ANDY. MANZANILIO, RAVELO. CLONIZ, BRAD. MACKOWIAK, ROB. MACKOWIAK, ROB. MCLOUTH, NATE. PEREZ, OLIVER. ROGERS, BRIAN. KOLB, DAN. LONG, DON. EVELAND, DANA. STRITIMATTER, MARK. SANCHEZ, TONY. BASTARDO, ANTONIO.		OSIK, KEITHSODOWSKY, CLINTLAKER, TIMCRUZ LUISLEROUX, CHRIS		FRYER, ERIC	2011 2012 2015-2016 2017	BEIMEL, JOE	2011

PIRATES ALL-TIME RECORDS

(**)--MAJOR LEAGUE RECORD (#) --TIES MAJOR LEAGUE RECORD (*) --NATIONAL LEAGUE RECORD (t) --TIES NATIONAL LEAGUE RECORD

Records for fewest walks, fewest runs, etc. are based on **full** seasons (1918, 1919, 1981, 1994 and 1995 are **not** included in some cases because they were not full seasons). One IP per game team played for pitchers, 3.1 plate appearances per game team played for batters.

GE	NERA	AL RECORDS	
Most Players Used			2016
Fewest Players Used	25		1938
Most Pitchers Used	32		2016
Fewest Pitchers Used	4		1887
Fewest Pitchers Used (since 1900)	8		1902
Most Games Played	164		1989
Most Games Won	110		1909
Fewest Games Won	23		1890
Fewest Games Won (since 1900)			1952
Highest Won-Lost Percentage	741	(103-36)	1902
Lowest Won-Lost Percentage		(23-113)	1890
Lowest Won-Lost Percentage (since 1900)	273	(42-112)	1952
Most Extra-Inning Games	26		1984
Most Extra-Inning Wins	19		1959
Most Extra-Inning Losses	17		t1984
Most Games Lost			1890
Most Games Lost (since 1900)	112		1952
Fewest Games Lost	36		1902
Most Consecutive Wins	16		1909
Most Consecutive Wins at Start of Season	10		1962
Most Consecutive Losses at Start of Season	8		1955
Most Wins in One Month	25		Sept.,1901
	25		Sept.,1908
	25		July, 1932
Most Games Won vs. One Club		vs. Cin	#1937
Most Consecutive Wins vs. One Club	20	vs. Cin	1937-38
Fewest Wins vs. One Club (min 12 games)	1	vs. Chi	1896
	1	vs. Atl	1980
		vs. NY	1986
	1	vs. Mil	2008
Most Consecutive Losses	23		1890
Most Consecutive Losses (since 1900)	13		2006
Most Losses In One Month	27		
Most Losses In One Month (since 1900)	24		Sept.,1916
Most Losses vs. One Club	20	vs. Bkl	1953
Most Shutouts Won	26		1906
Most Shutouts Lost	27		1916
Most Shutouts Won vs. One Club	10	vs. Bos	**1906
Fewest Times Shut out	3		1982
Most 1-0 Games Won	10		*1908
Most 1-0 Games Lost	10		#1914
Most Consecutive 1-0 Games	3		#2014 & 1917
Most Consecutive 1-0 Games Lost			#1917
Most Pitchers Winning at least One Game			2016
Most Pitchers Saving at least One Game	9		1976 & 1990
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
SEA	SONC	THE RATTING	

	SEASON C	LUB BATTING
Highest Batting Average		
Lowest Batting Average		
Highest Slugging Percentage	449	1930
Lowest Slugging Percentage		1917
Most .300 Hitters	9	
Most At Bats	5,724	1967
Fewest At Bats	4,913	1901
Most Runs	912	
Fewest Runs	464	1917
Most Runs (month)	247	Aug., 1928
Most Hits	1,698	1922
Fewest Hits	1,197	1914
Most Players, 100 or More Hits	9	1921
	9	
	9	1972
	9	1976
Most Singles (since 1900)	1,297	*1922
Fewest Singles	874	2010
Most Doubles	322	2007
Fewest Doubles	133	1907
Most Triples	129	1912
Fewest Triples	17	2006
Most Home Runs	171	1999
Most Home Runs (month)	45	Aug., 2007
Fewest Home Runs	9	*1917
Most Grand Slams	7	1978 &1996
Most Pinch-Hit Home Runs	10	1996 & 2001
Consecutive Games With One or Mor	re Home Runs13	(21 HR) 1994
Consecutive Games, Road, With One	or More Home Runs 19	2012

Most Players, 10 or More Home Runs

Most Runs Batted In 844 Most Extra Base Hits519 Most Players, 100 or More RBI.....4 Most Total Bases......2,430 Most Sacrifices (SH and SF combined).....214 Most Sacrifice Hits......190 Most Sacrifice Flies67 Most Stolen Bases264 Fewest Stolen Bases21

Most Caught Stealing.....120 Fewest Caught Stealing......13

Fewest Strikeouts......326

Most Base on Balls 607 Fewest Base on Balls.....341 Most Intentional Walks......102 Fewest Intentional Walks (162-game season)......22 Most Hit By Pitch95 Fewest Hit By Pitch11

Most Grounded into Double Plays153 Fewest Grounded into Double Plays95 Most Left on Base 1241 Fewest Left on Base......992

Lowest ERA2.48 Highest ERA......5.97 Highest ERA (since 1900)5.24 Most Complete Games133 Fewest Complete Games......0

SEASON CI

UB PITCHING

MOST LITS	1,730	1930
Fewest Hits	1,142	1902 & 1908
Most Runs	928	1930
Fewest Runs	512	1972
Most Base on Balls	711	2000
Fewest Base on Balls	244	1901
Most Intentional Walks	102	1975
Fewest Intentional Walks	28	2016
Most Strikeouts	1.338	2015
Most Strikeouts, Bullpen	536	2016
Most Strikeouts, Month		September 2015
Most Consecutive Games, 12 or more Strikeout		September 21-23, 2012
		September 8-10, 2015
Fewest Strikeouts		
Most Home Runs Allowed		1996
Fewest Home Runs Allowed		**1902
Most Grand Slams Allowed		1951 & 2002
Most Saves (since 1969)		2013
Fewest Saves (since 1969)		1974
Most Hit By Pitch		2014
Fewest Hit By Pitch		1960 & 1984
Most Wild Pitches		
Fewest Wild Pitches		
Most Balks		
Fewest Balks		last in 1965
Most 20-Game Winners		*1902
Most 10-Game Winners		
Consecutive Scoreless Innings		June 1-9, 1903
Consecutive Scoreless Innings, Bullpen		June 24-July 4, 2016
Most Pitchers, 100 or More K's		1984
Most Starting Pitchers Used		1996
Fewest Starting Pitchers Used		1902, 1972, 1997 & 2017
SEA	SON C	LUB FIELDING
Highest Percentage	988	2009
Lowest Percentage		1904
Most Putouts	4,480	*1979
Fewest Putouts	3,983	1939
Most Assists	2,089	1905
Fewest Assists	1,584	1934
Most Total Chances	6,462	1968
Fewest Total Chances	5.567	1934
Most Errors	291	1904
Fewest Errors		2009
Most Errorless Games		2007
Consecutive Errorless Games		2007
Most Consecutive Innings without an Error		June 23-July 6, 2007
Most Double Plays		
Fewest Double Plays		*1935
Most Passed Balls		
Fewest Passed Balls		2004

2012

SEASON	INDI'	VIDUAL BATTING
Highest Average, RH	381	1900 (Honus Wagner)
Highest Average, LH		1935 (Arky Vaughan)
Highest Average, Switch-Hitter		
Most Games		
Most At Bats, RH		
Most At Bats, LH		
Most Runs		
Most Runs (since 1900)		
Consecutive Games, Runs Scored Most Hits, RH		
Most Hits, LH		
Most Consecutive Hits		t Sept. 18-21, 1925 (Kiki Cuyler)
Most Singles, RH		1962 (Dick Groat)
Most Singles, LH		1927 (Lloyd Waner)
Most Doubles, RH		
Most Doubles, LH Most Triples, RH		
Most Triples, LH		**1912 (Chief Wilson)
Most Bases-Loaded Triples		#1971 (Manny Sanguillen)
Most Home Runs, RH		1949 (Ralph Kiner)
Most Home Runs, LH		
Most Home Runs, Switch-Hitter		1990 (Bobby Bonilla)
Most HR, Leading off First Inning Most Home Runs, Home:		
Forbes Field	31	1948 (Ralph Kiner)
Three Rivers Stadium		1999 (Brian Giles) & 1973 (Willie Stargell)
PNC Park		
Most Home Runs, Road		
Most HR Two Cons. Years, RH		*1949-50 (Ralph Kiner, 54 & 47)
Most HR Two Cons. Years, LH Most Grand Slams		
Most Cons. Home Runs		#Aug. 15-16, 1947 (Ralph Kiner)
		#Sept. 11-13, 1949 (Ralph Kiner)
Consecutive Games With a HR	8	#May 19-28, 1956 (Dale Long)
Most HR, Week (SunSat.)		Sept. 7-13, 1947 (Ralph Kiner)
Most HR, Month		
Most Games, Two or More HR Most Games, Three HR		*1947 (Ralph Kiner) #1947 (Ralph Kiner)
Plost Games, Three Fix		#1947 (Kalpit Killer)
Most HR vs. One Club		vs. Atl. 1971 (Willie Stargell)
Most Pinch-Hit HR	7	# 2001 (Craig Wilson)
Most AB Without a HR		**1922 (Rabbit Maranville)
Most Extra-Base Hits, RH		
Most Extra-Base Hits, LH Consecutive Games with an Extra-Base Hit		
Most Total Bases, RH		
Most Total Bases, LH		1978 (Dave Parker), 2001 (Brian Giles)
Highest Slugging Pct., RH		1949 (Ralph Kiner)
Highest Slugging Pct., LH		
Highest On-base Pct, RH		
Highest On-base Pct, LH Most RBI, RH		
Most RBI, LH		
Most RBI, Pinch Hitter		1982 (Willie Stargell)
Consecutive Games With an RBI		1927 (Paul Waner)
Most Sacrifice Hits		
Most Sacrifice Flies Most Total Sacrifices		
Most Stolen Bases		
Most SB With no CS		
Most Consecutive SB		1997 (Tony Womack)
Most Caught Stealing		1980 (Omar Moreno)
Fewest CS, 50 or More SB		**1922 (Max Carey)
Most Grounded Into DP		
Fewest Grounded Into DP		
Most Base on Balls, RH		
Most Base on Balls, LH		
Most Base on Balls, Pinch Hitter		**2016 (Matt Joyce)
Most Intentional Walks		
Most Strikeouts, RH		2004 (Craig Wilson)
Most Strikeouts, LH		2013 (Pedro Alvarez) 1929 (Pie Traynor)
Fewest Strikeouts, RHFewest Strikeouts, LH		
Most Hit By Pitch, RH		
Most Hit By Pitch, LH		
Reaching on Catcher's Interference		*1983 (Dale Berra)
Reaching on Hits, BB, HP		1936 (Arky Vaughan)
Most Pinch Hits		
Longest Hitting Streak, RH Longest Hitting Streak, RH (since 1900)		
Longest Hitting Streak, KH (since 1900) Longest Hitting Streak, LH		

2017

SEASON INDIVIDUAL PITCHING Lowest ERA, LHP.....1916 (Wilbur Cooper) Lowest ERA, RHP.....1908 (Howie Camnitz) Lowest FRA_RH Reliever (min: 50 0in) 0.96 1918 (Roy Sanders) Lowest ERA, LH Reliever (min: 50.0ip)1.601916 (Wilbur Cooper) Most Games Won, LHP......341893 (Frank Killen) Most Games Won, LHP (since 1900)......241920 (Wilbur Cooper) Most Games Won, RHP281902 (Jack Chesbro) Most Consecutive Wins, Starter......13 **1959 (Elroy Face) Most Wins in Relief......18 Most Consecutive Wins, Reliever17**1959 (Elroy Face) Most Losses, LHP.......19 Most Losses RHP 211952 (Murry Dickson)1917 (Burleigh Grimes) Most Consecutive Losses (start of season).....8 Most Losses, Reliever.....12 Most Games Pitched, LHP......782014 (Tony Watson)2002 (Scott Sauerbeck) Most Games Pitched, RHP......94941979 (Kent Tekulve) Most Games Started, LHP......481893 (Frank Killen) Most GS, LHP (since 1900)......38381964 (Bob Veale) Most Games Started, RHP......421956 (Bob Friend) Most Games Finished, LHP......47 Most Games Finished, RHP......671979 (Kent Tekulve) Most Complete Games, LHP......54 1888 (Ed Morris) Most CG, LHP (since 1900)......291921 (Wilbur Cooper) Most Innings Pitched, LHP3271920 & 1921 (Wilbur Cooper) Most Innings Pitched, RHP......331 Most Innings Pitched, Reliever1351978 (Kent Tekulve) Most Shutouts, LHP......121886 (Ed Morris) Most Shutouts, LHP (since 1900)81906 (Lefty Leifield) Most Shutouts, RHP......881915 (Al Mamaux) Most 1-0 Victories 3 1908 (Vic Willis)1917 (Wilbur Cooper)1937 (Ed Brandt) Fewest Runs Allowed, LHP......541912 (Hank Robinson) Fewest Runs Allowed, RHP......551916 (Frank Miller) Most Runs Allowed, LHP......1631930 (Larry French) Most Runs Allowed, RHP.....181 Fewest ER Allowed, LHP......411915 (Erv Kantlehner)1916 (Frank Miller) Fewest ER Allowed, RHP.....44 Most FR Allowed LHP 133 1930 (Larry French) Most ER Allowed, RHP.....1541930 (Remy Kremer) Fewest Hits Allowed, LHP......1291970 (Luke Walker) Fewest Hits Allowed, RHP......1341932 (Steve Swetonic) Most Hits Allowed, LHP......341 Most Hits Allowed, RHP......366 Most Strikeouts, LHP......2761965 (Bob Veale) Most Strikeouts, RHP......209 Most Strikeouts, LH Reliever......951982 (Rod Scurry) Most Strikeouts, RH Reliever.....1511977 (Rich Gossage)July 2-Sept. 25, 2016 (Juan Nicasio) Most Consecutive Games with a Strikeout, Reliever 33 Fewest Base on Balls, 250+ IP......18**1920 (Babe Adams) Fewest Base on Balls, LHP......251922 (Babe Adams) Fewest Base on Balls RHP 15 Most Base on Balls, LHP.....1241964 (Bob Veale) Most Base on Balls, RHP......1591912 (Marty O'Toole) Most Intentional Walks, RHP......23#1982 (Kent Tekulve) Most Hit Batsmen, LHP......161906 (Lefty Leifield) Most Hit Batsmen, RHP21 Most Wild Pitches, LHP181964 (Bob Veale) Most Wild Pitches, RHP......171982 (Don Robinson) Fewest HR Allowed, 250+ IP.....5t1965 (Bob Veale) Most Home Runs Allowed, LHP......29 1977 (John Candelaria) Most Home Runs Allowed, RHP......321951 (Murry Dickson) Most Saves, RHP51 Most Saves, LHP......24 Most Saves in a Month.....12July 2004 (Jose Mesa)May 2013 (Jason Grilli) Most Saves by the All-Star Break......292015 (Mark Melancon)29 Most Saves, Consecutive Games......10April 17-May 15, 2002 (Mike Williams) May 22-June 10, 2015 (Mark Melancon) Most Consecutive Saves (without a blown save) 35 Highest Won-Lost Percentage......947**1959 (Elroy Face, 18-1)

SEASON INDI\	/IDUAL FIELDING		
Highest Percentage, Pitcher1.000	- Babe Adams (75 TC)1914		
Fewest Passed Balls0	- Al Todd (128 G)#1937		
Fewest Passed Balls0	- Al Lopez (114 G)1941		
Highest Percentage, C	- Earl Grace		
Highest Percentage, 1B	- Kevin Young		
Most Assists, 1B166	- Sid Bream1986		
Highest Percentage, 2B993	- Johnny Ray1986		
Most Doubleplays, 2B161	- Bill Mazeroski**1966		
Highest Percentage, 3B	- Phil Garner1977		
Most Consec. Errorless Games, 3B (Career)99	- John Wehner#Aug. 2, 1992-Sept. 29, 2000		
Highest Percentage, SS986	- Jay Bell1993		
Most Doubleplays, SS129	- Jack Wilson		
Highest Percentage, OF997	- Nate McLouth2008		
Most Assists, OF32	- Max Carey1916		
Most Unassisted DP, OF2	- Adam Comorosky#1931		
(Highest Fielding Pct. and Fewest Passed Balls are based on a minimum of 100 games. Fielding Pct. for Pitchers is based on most chances accepted).			

SINGLE GAME TEAM MISCELLANEOUS

Longest Game, Time6:39	
Longest Game, Time, 9 Innings4:22	2017 (October 1 at Washington)
Longest Game, Time, at Three Rivers5:42	1989 (Aug. 6 vs. Chicago-18 inn.)
Longest Game, Time, at PNC Park5:55	
Longest Game, Innings22	1917 (Aug. 22 at Brooklyn)
Longest Game, Innings, at Pgh21	1914 (July 17 vs. New York)
Longest Game, Innings, at Three Rivers20	1980 (July 6 vs. Chicago)
Longest Game, Innings, at PNC Park18	
Longest Game Without Scoring20 innings	1918 (Aug. 1 at Boston)
Longest 1-0 Game, Won18 innings	1972 (June 7 at S.DGM 2)
Longest 1-0 Game, Lost14 innings	
Most Cons. Extra-Inning Games4	*Aug. 18-22, 1917 (59 innings)
Most Cons. Extra-Inning Games vs. One Opponent4	# May 24-25, June 23-24, 1978 vs. N.Y. (44 innings)
	# June 4, June 9-11, 2000 vs. K.C. (43 innings)
Most Left On Base (9 inn.)	t1905 (Sept. 8 vs. Cincinnati)
18	t1951 (June 5 vs. Boston)
18	t2016 (August 13 at Los Angeles-NL)
Most LOB, Shutout Loss (9 inn.)16	
Most Doubleplays hit into7	#1994 (June 16 at St. Louis)
Most Games in One Day3	#1890 (Sept. 1 vs. Bklwon 0)
3	#1920 (Oct. 2 vs. Cinwon 1)

SINGLE GAME **TEAM BATTING**

SINGL	LE GAMI	ETEAMBATTING
Largest Deficit Overcome8	runs (4 times)	last on July 15, 1994 vs. Houston
Fewest At Bats (9 inn.)	24	t1955 (May 12 vs. Chicago)
Most At Bats, DH (18 inn.)	98	*1922 (Aug. 8 vs. Philadelphia)
Most Runs	27	1894 (June 6 at Boston)
Most Runs (since 1900)	24	1925 (June 22 vs. St. Louis)
Most Runs, Shutout (Day)	22	
Most Runs, Shutout (Night)	19	#1961 (Aug. 3 vs. St. Louis)
Most Runs, Inning	12	
	12	1894 (June 6 vs. Boston-3rd)
Most Runs, Inning (since 1900)	11	1942 (Sept. 7 vs. St.L6th-GM 1)
	11	1992 (May 4 vs. Cin-6th)
Most Runs, Two Cons. Innings	21	**1894 (June 6 vs. Boston-3rd & 4th)
Most Cons. Innings Scored	14	t1894 (July 31-August 2)
Most Hits	27	
Most Cons. Hits, Start of Game	8	#1975 (Aug. 26 vs. Atlanta)
Monst Cons. Hits, Pinch Hitters, inning	3	1961 (July 2 vs. S.F8th-GM 1)
Most Hits, Doubleheader		**1922 (Aug. 8 vs. Philadelphia)
Most Hits, Two Cons. Games	49	1922 (Aug. 7-8, GM1 vs. Phil.)
Most Players, 3 or More Hits	7	1928 (June 12 vs. Philadelphia)
Most Players, 2 or More Hits	10	#1922 (Aug. 7 vs. Philadelphia)
Most Triples (since 1900)	8	**1925 (May 30 vs. St. Louis-GM 2)
Most Bases-Loaded Triples	2	#1898 (Sept. 17 vs. Brooklyn-GM 2)
	2	#1938 (Sept. 10 vs. St. Louis)
Most Home Runs	7	1894 (June 6 at Boston)
	7	1947 (Aug. 16 vs. St. Louis)
	7	
Most Home Runs, Inning	4	1894 (June 6 at Boston)
	4	1995 (Aug. 8 at S.F.)
	4	
Most Consecutive Innings with a Home Run	5	August 22, 2007 at Colorado (inns. 2-6)
Most HR, Start of Game	2 (4 times)	last on September 20, 2013 vs. Cincinnati
Most Players, 2 or More HR	3	#1947 (Aug. 16 vs. St. Louis)
Most Grand Slams	2	#1925 (June 22 vs. St. Louis)
	2	#1933 (May 1 vs. Philadelphia)
	2	#1982 (Sept. 14 vs. Chicago)
	2	#1996 (April 16 vs. St. Louis)
Most HR, No Other Runs	5	#1973 (May 7 vs. L.A.)
Most Consecutive HR	3 (8 times)	last on Aug. 20, 2003 at St. Louis (5th inn)
Most Pinch-Hit Home Runs	1	done many times
Most Runs Batted In	20	1925 (June 22 vs. St. Louis)

2017 REVIEW

Most Extra Base Hits14	
Most Total Bases47	1970 (Aug. 1 vs. Atlanta)
Most Sacrifice Flies4 (2 times)	Sept. 9, 1988 vs. Philadelphia & May 17, 2007 vs. Florida
Most Strikeouts, 9-innings17 (8 times)	last in 2013 (June 18 at Cincinnati)
Most Strikeouts, Extra-Innings19	
19	
Most Strikeouts, Inning4	#1885 (Sept. 30 vs. Philadelphia-7th)
4	#1966 (June 7 vs. St.L4th)
4	#1977 (July 29 vs. Atlanta-6th)
Most Hit By Pitch, game5	1890 (April 23 vs. Cleveland Spiders)
Most Hit By Pitch, inning3	

SINGLE GAME TEAM PITCHING		
Most Strikeouts, 9 Innings	72012 (May 3 at St. Louis)	
11	7	
Most Runs Allowed		
Most Runs Allowed (since 1900)23	31900 (July 13 vs. Philadelphia)	
	31943 (July 10 vs. Brooklyn)	
Most Runs Allowed, Shutout20		
Most Runs Allowed, Inning1	31890 (Aug. 16 vs. Chicago-5th)	
1	31994 (May 31 at San Diego-2nd)	
Most Hits Allowed28 (4 times)last on June 23, 1930 vs. Brooklyn	
Fewest Hits Allowed, Extra-innings (10 inn.))#1997 (July 12 vs. Houston)	
Most Consecutive Hits Allowed12		
Most Consecutive Hits Allowed, inning10)#1930 (June 23 vs. Brooklyn-6th)	
Most Hit By Pitch, game, Both Clubs (since 1900)6 (5 times	· · · · · · · · · · · · · · · · · · ·	
Most Wild Pitches, recently		
Most Home Runs Allowed		
Most Triples Allowed, inning		
Fewest Walks, DH		
Most Consecutive Walks, inning		
Most Pitchers Used (9 inn. game)	92017 (Oct. 1 at Washington)	
<i></i>		

SINGLE GAME	TEAM FIELDING
Most Putouts, Infield25	t1941 (June 6 vs. N.YGM 2)
Most Putouts, Outfield19	**1948 (July 5 vs. Cincinnati-GM 2)
Most Assists	**1911 (June 7 vs. New York)
Most Assists, Outfield5	#1910 (Aug. 23 vs. Philadelphia)
Fewest Assists1	1950 (Aug. 13 vs. Chicago-GM 1)
1	1977 (Sept. 17 vs. Montreal)
Fewest Assists, Infield	#1902 (July 19 vs. Chicago)
0	#1977 (Sept. 17 vs. Montreal)
Most Chances Accepted, 9 innings 55	**1911 (June 7 vs. New York)
Most Chances Accepted, Outfield20	**1948 (July 5 vs. Cincinnati-GM 2)
Most Errors, 9 Innings8	1939 (Sept. 17 vs. Philadelphia)
Most Errors, Inning6 (1st)	*1903 (Aug. 20 vs. N.YGM 1)
Most Double Plays Turned6	1925 (Sept. 23 vs Chicago)
6	1948 (Sept. 6 vs. St. Louis-GM 1)
6	
Most SB Allowed17	*1890 (May 23 vs. New York)
Most SB Allowed (since 1900)11	1916 (Aug. 13 vs. St.LGM 2)

SINGLE GAME INDIVIDUAL BATTING

- Bobby Bonilla.....1988 (April 6 at Phil.) - Dale Sveum.....1999 (Aug. 18 at Cin.) - Ralph Kiner.....1947 (Sept. 11 vs. Boston)

- Jason Thompson1984 (June 26 vs. Chicago)

Most At Bats, Extra Inn11	- Carson Bigbee#1917 (Aug. 22 vs. Brooklyn)
Most At Bats, 9 Innings7	- Richie Hebnert1975 (Sept. 16 at Chicago)
7	- Rennie Stennettt1975 (Sept. 16 at Chicago)
7	- Jack Wilsont2004 (April 12 at Chicago)
Most At Bats, DH	- Rabbit Maranville#1922 (Aug. 8 vs. Phil.)
Most Runs6	- Ginger Beaumont#1899 (July 22 vs. Phil.)
Most Runs (since 1900)5	done many times
Last time:	- Andrew McCutchen2010 (May 14 at Chicago)
Most Hits7	- Rennie Stennett#1975 (Sept. 16 vs. Chicago)
Most Hits, Doubleheader9	- Fred Carroll*1886 (July 5 vs. Baltimore)
Most Two-Hit Innings2	- Max Carey#1925 (June 22 vs. St.L1st & 8th)
2	- Rennie Stennett#1975 (Sept. 16 vs. Chi1st & 5th)
Most Hits, 2 Cons. Games10	- Roberto Clemente1970 (Aug. 22-23)
10	- Rennie Stennett
Most Hits, 3 Cons. Games12	- Rennie Stennett
Most Doubles4	- Paul Waner#1932 (May 20 vs. St. Louis)
Most Triples3	done five times
Last time:	- Roberto Clemente1958 (Sept. 8 vs. Cin.)
Most Bases-Loaded Triples2	- Willie Clark#1898 (Sept. 17 vs. Bkl-GM 2)
Most Home Runs3	done 19 times
Last Time:	- Andrew McCutchen
Homering From Both Sides of the Plate	- Bobby Bonilla1987 (July 3 vs. L.A.)

Most HR, Doubleheader4

- Ralph Kiner.....#August 15-16, 1947

Most HR, 2 Cons. Games5	- Ralph Kiner	#August 15-16, 194
5	- Ralph Kiner	#Sept. 11-12, 194
Most HR, 2 Cons. Days6		#Sept. 11 (DH)-12, 194
Most HR, Inning2	- Jake Stenzel	1894 (June 6 vs. Boston-3rd
2		1995 (Aug. 8 at SF-2nd
2		1996 (April 30 at Cin4th
2		2003 (Aug. 20 at St. Louis-5th
Most GS, 2 Cons. Games2		#1978 (Sept. 14-15
Most Extra-Base Hits5		#1970 (Aug. 1 vs. Atlanta
Most Total Bases		1968 (May 22 vs. Chicago
Most Total Bases, DH		
		1947 (Sept. 11 vs. Boston
Most RBI9		1939 (May 30 vs. St.LGM 2
Most Base on Balls5		1930 (April 29 vs. Chicago
Most Stolen Bases4		done many time
Last Time:	- Tony Womack	1997 (Sept. 6 at Cin.
Most Times, Stole Home2	- Honus Wagner	1901 (June 20
Most Strikeouts5	- Pep Young	#1935 (Sept. 29 vs. CinGM 2
5	- Bert Blyleven	#1979 (July 27 at Montreal-GM 2
5		#2013 (April 18 at Atlanta
Most Grounded into Double Play3		done five time
Last Time:		
Most Cons. Strikeouts (consecutive plate app.)10		July 27-Aug. 12, 1966
Most Sacrifice Hits4		#2004 (April 18 at New York
SINGLE GAME II	ADIVIDUAL d	ITCHING
Most Innings Pitched		
Most IP, Reliever16.2		1917 (Aug. 22 vs. Brooklyn
Fewest HitsC		done five time
Last time		1976 (Aug. 9 vs. L.A
Fewest Hits, Extra Innings	l - Harvey Haddix	1959 (May 26 vs. Milw13 inn
Most Cons. Hits Allowed, Inn10		#1930 (June 23 vs. Brooklyn-6th
Most Strikeouts, LHP16		1965 (June 1 vs. Phil
(extra inning game - 12 innings of a 16-inning game) 16		1964 (Sept. 30 at Cin
Most Strikeouts, RHP14		1964 (Sept. 30 at Ciri
14		1985 (April 16 vs. NY
Most Consecutive Strikeouts, Game		2012 (May 3 at St. Louis
		2013 (June 1 vs. Cin
Striking Out Side on 9 Pitches (Immaculate Inning)	- Jeff Robinson	#1987 (Sept. 7 at Chi8th
	- Ross Ohlendorf	#2009 (Sept. 5 vs. St. Louis-7th
		#2016 (July 4 at St. Louis-8th
Most Home Runs Allowed4		done many time
Last time		2017 (Sept. 15 at Cin.
Most Base on Balls		done five time
Last time		1993 (April 27 at Atlanta
Most Cons. Base on Balls, Inn4		1983 (May 25 vs. Atlanta-3rd
4		12004 (Sept. 18 vs. NY-1st
Most Hit By Pitch5		1896 (May 9 vs. Wash
Most HBP, Inn. (since 1900)3	- Pink Hawley	#1896 (May 9 vs. Wash
3	- Deacon Phillippe	#1905 (Sept. 25 vs. NY-1st
	- Dock Ellis	#1974 (May 1 vs. Cin1st
Most Wild Pitches, Inning3		2000 (Sept. 19 at Philadelphia-9th
Most Balks, Inn		1988 (Aug. 6 vs. NY-8th
//////////////////////////////////////	///////////////////////////////////////	//////////////////////////////////////
SINGLE GAME II		
SINGLE GAME II	NDIVIDUAL F	IELDING
Most Errors, Game	1	done seven time
Last time		1966 (Aug. 18 at N.Y
Most PO, Pitcher, Extra Innings6		1954 (July 22 vs. St. Loui:
Most PO, Pitcher (9 inn.)		1954 (July 22 Vs. St. Louis
Most Assists. Pitcher		#1941 (June 6 vs. NY-GM 2
11051 A551515, PILCHET	1 Din Cowell	
Most France Ditabas		
	4 - Lave Winham	1903 (Sept. 21 vs. Brooklyr
Most Assists, Catcher	1 - Lave Winham 7 - Jimmy Archer	1903 (Sept. 21 vs. Brooklyr 1918 (May 24 vs. Bostor
Most Assists, Catcher	1 - Lave Winham 7 - Jimmy Archer 3 - Bob Robertson	1903 (Sept. 21 vs. Brooklyr t1918 (May 24 vs. Bostor **1971 (June 21 vs. New York
Most Assists, Catcher	1 - Lave Winham 7 - Jimmy Archer 3 - Bob Robertson	1903 (Sept. 21 vs. Brooklyr t1918 (May 24 vs. Bostor **1971 (June 21 vs. New York
Most Assists, Catcher	- Lave Winham - Jimmy Archer - Bob Robertson - Bob Skinner	
Most Assists, Catcher Most Assists, 1B. £ Most Assists, 1B, Extra Innings Most PO, 2B, Extra Innings	- Lave Winham	
Most Assists, Catcher	- Lave Winham	
Most Assists, Catcher	4 - Lave Winham	
Most Assists, Catcher Most Assists, 1B. Most Assists, 1B. Extra Innings Most PO, 2B, Extra Innings Most Errors, 2B, Inning Most Assists, 3B. Most PO, 3B	- Lave Winham - Jimmy Archer - Jimmy Archer - Bob Robertson - Bob Skinner - Jake Pitler - Claude Ritchey - Kevin Young - Bill Kuehne	
Most Assists, Catcher Most Assists, 1B. Most Assists, 1B. Extra Innings Most PO, 2B, Extra Innings Most Errors, 2B, Inning Most Assists, 3B Most PO, 3B Most Errors, 3B, Inning	4 - Lave Winham	
Most Assists, Catcher Most Assists, 1B. Most Assists, 1B. Extra Innings Most PO, 2B, Extra Innings Most Errors, 2B, Inning Most PO, 3B Most PO, 3B Most Frors, 3B, Inning Most Errors, SS, Inning	- Lave Winham	
Most Assists, Catcher Most Assists, 1B. £ Most Assists, 1B. Extra Innings Most PO, 2B, Extra Innings Most Errors, 2B, Inning Most Assists, 3B Most PO, 3B Most Errors, 3B, Inning Most Errors, SS, Inning Most PO, OF	- Lave Winham	
Most Assists, Catcher Most Assists, 1B. Most Assists, 1B. Extra Innings Most PO, 2B, Extra Innings Most Errors, 2B, Inning Most Assists, 3B Most PO, 3B Most Errors, 3B, Inning Most Errors, SS, Inning Most PO, OF Most Assists, OF	- Lave Winham	
Most Assists, Catcher	- Lave Winham - Jimmy Archer - Jimmy Archer - Bob Robertson - Bob Skinner - Jake Pitler - Claude Ritchey - Kevin Young - Bill Kuehne - Jose Pagan - Abraham Nunez - Fred Clarke - Fred Clarke	
Most Assists, Catcher	- Lave Winham - Jimmy Archer - Jimmy Archer - Bob Robertson - Bob Skinner - Jake Pitler - Claude Ritchey - Kevin Young - Bill Kuehne - Jose Pagan - Abraham Nunez - Fred Clarke - Fred Clarke	
Most Assists, Catcher	4 - Lave Winham	
Most Assists, Catcher	- Lave Winham	
Most Assists, Catcher Most Assists, 1B. Most Assists, 1B. Extra Innings Most PO, 2B, Extra Innings Most Errors, 2B, Inning Most PO, 3B Most Errors, 3B, Inning Most Errors, SS, Inning Most PO, OF Most Assists, OF CAREER IND Years, League Most Consecutive Games 822	4 - Lave Winham	
Most Assists, Catcher	4 - Lave Winham	
Most Assists, Catcher	Lave Winham	
Most Assists, Catcher	- Lave Winham	
Most Assists, Catcher Most Assists, 1B. Most Assists, 1B. Extra Innings Most PO, 2B, Extra Innings Most Errors, 2B, Inning Most Assists, 3B. Most Errors, 3B, Inning Most Errors, SS, Inning Most Assists, OF CAREER IND Years, League Most Consecutive Games Most Grand Slams, LH Most TB on Extra-Base Hits	- Lave Winham	
Most Assists, Catcher Most Assists, 1B. Most Assists, 1B. Extra Innings Most PO, 2B, Extra Innings Most PO, 2B, Extra Innings Most Errors, 2B, Inning Most PO, 3B Most Errors, 3B, Inning Most Errors, SS, Inning Most PO, OF Most Assists, OF CAREER IND Years, League Most Consecutive Games 822 Most Grand Slams, LH Most TB on Extra-Base Hits 2,022 Highest Slugging Pct, LH 532	4 - Lave Winham	
Most Assists, Catcher	Lave Winham	
Most Assists, Catcher Most Assists, 1B. Most Assists, 1B. Extra Innings Most PO, 2B, Extra Innings Most PO, 2B, Extra Innings Most Errors, 2B, Inning Most PO, 3B Most Errors, 3B, Inning Most Errors, SS, Inning Most Assists, OF CAREER IND Years, League Most Grand Slams, H Most Grand Slams, LH Most TB on Extra-Base Hits Most TB on Extra-Base Hits Highest Slugging Pct, LH Highest Slugging Pct, LH Stealing Way, 1st to Home, Inning	- Lave Winham	
Most Assists, 1B, Extra Innings 8 Most PO, 2B, Extra Innings 15 Most Errors, 2B, Inning 3 Most Assists, 3B 1 Most PO, 3B 10 Most Errors, 3B, Inning 3 Most Errors, SS, Inning 3 Most PO, OF 10 Most Assists, OF 4	4 - Lave Winham	

Most HR, 2 Cons. Games.....5

CAREER I	NDI\	/IDUAL PITO	CHING
Years, League	18		Babe Ada
Most Games, LHP	469		Wilbur Coo
Most Games, RHP	802		Elroy F
Most Games Started			Bob Fri
Most Games Pitched in Relief			Elroy F
Most Games Without Starting			Kent Tekı
1ost Games Finished			Elroy F
1ost Cons. Relief Appearances			Kent Tekı
Nost ShO, Opening Game of Season			Rip Se
Nost Years, Winning 20+ Games		·	pe, Vic Willis, Jesse Tannehill, Wilbur Coc
MICCELLAN			
		JS TEAM (SE	
Cons. Games, Not Shut Out (back-to-back seasons). Most Losses vs. one Club on Road			1924 (last 87 games)-1925 (first 63 gam
fost Wins vs. one Club on Road			#19
lost Wins vs. one Club on Roadlost Wins vs. one Club, 2 Cons. Years			**1907
Vinning Two 1-0 Games in DH			October 3. 1
lost Cons. Home Wins			Aug. 16-Sept. 29, 1
lost Cons. Road Losses			#Aug. 13-Sept. 2, 1
lost Cons. Road Losses (since 1900)			July 23-Aug. 30, 1
lost Consecutive 1-0 Losses			Aug. 31-Sept. 1,
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	///////////////////////////////////////		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
MISCELLANEO	US T	EAM (9-INN	ING GAME)
lost Innings Scored, Both Clubs			1975 (July 6 vs. Chica
lost Pitcher Used, Both Clubs			2007 (Sept. 30 vs. St. Lo
lost Hits By Infield			1975 (Sept. 16 vs. Chica
lost Sets of Back-to-Back Home Runs			
lost Triples, Both Clubs			1904 (July 4 vs. Chica
			1925 (May 30 vs. St. Louis-Gi
lost HR, Both Clubs, Inning			#1970 (Aug. 1 vs. Atlanta- #1997 (July 27 at SF-9th-GI
lost Players. Both Clubs. 1 or More Home Runs			1954 (July 11 vs. NY-G
lost Players, Both Clubs, For More Home Runs			1954 (July 11 Vs. NY-G
lost Players, Both Clubs, 2 or More Home Runs			1961 (April 21 vs. Cilica 1947 (Aug. 16 vs. St. Lo
lost Hit By Pitch, Both Clubs			1896 (May 9 vs. Washing
lost LOB, Both Clubs			# 1893 (June 30 vs. Brook
lost Errors, Both Clubs (since 1900)			t 1902 (April 19 vs. St. Lo
lost Double Plays, Both Clubs	9	(Pgh4)	#1961 (April 15 vs. L
MISCELLANEOUS TEAM (EXT			
ewest Hits In An Extra Inning Winlost Runs, Both Clubs, In An Extra Inning			2017 (August 23 vs. L.A 10 i 1929 (June 15 vs. N.Y14
			1929 (June 15 Vs. N.Y14
ost Hits, Both Clubs			
ost Home Runs, Both Clubs			#1966 (Aug. 12 vs. 0
ost HR, Both Clubs, None On Base			#1976 (June 7 vs. C
ost Strikeouts, Both Clubs			t1964 (Sept. 30 vs. P
ewest Hits, Both Clubs, DH			1905 (Sept. 3 vs. 0
ost Triples, Both Clubs, DH	10	(Pgh3)	1923 (July 30 vs. N
ewest Strikeouts, Both Clubs, DH	2	(Pgh2)	t1948 (Sept. 6 vs. S
ost LOB, Both Clubs, DH	49	(Pgh24)	#1926 (July 24 vs. E
ost Double Plays, Both Clubs, DH			#1948 (Sept. 6 vs. S

SCORING 20 OR MORE RUNS IN A GAME (15 TIMES)

The Pirates have scored at least 20 runs in a game 15 times in their 131-year history, but have not done so since a 22-0 win at Wrigley Field on September 16, 1975. The Bucs hold the National League record of scoring a total of 45 runs in back-to-back games, winning 21-5 on June 20, 1925 and 24-6 on June 22, 1925. Here's a list of each 20+ run game.

23-3August 9, 1887 vs. Boston
20-12April 23, 1890 vs. Cleveland
25-2 August 1, 1893 at St. Louis
27-11June 6, 1894 at Boston
22-1 September 3, 1894 vs. Washington
23-6 July 18, 1895 vs. Philadelphia
20-4May 14, 1896 vs. Boston
21-2 April 27, 1898 at St. Louis (GM 2)

20-5	August 22, 1907 at New York
23-4	April 27, 1912 vs. Cincinnati
21-5	June 20, 1925 vs. Brooklyn
24-6	June 22, 1925 at St. Louis
20-5	May 15, 1935 at Philadelphia
20-10	August 1, 1970 at Atlanta
22-0	September 16, 1975 at Chicago

bold denotes back-to-back games

ROOKIE IND	IVIDUAL BATTING
Highest Batting Average	1927 (Lloyd Waner)
Most Games162	
Most At Bats647	'1982 (Johnny Ray)
Most Hits	31927 (Lloyd Waner)
Most Hits, Switch-Hitter182	21982 (Johnny Ray)
Most Runs	3**1927 (Lloyd Waner)
Longest Hitting Streak27	'1899 (Jimmy Williams)
Most Singles198	3**1927 (Lloyd Waner)
Most Doubles	1926 (Paul Waner)
Most Triples27	'**1899 (Jimmy Williams)
Most Triples (since 1900)22	?**1926 (Paul Waner)
Most Home Runs	5
	2004 (Jason Bay)
Most Home Runs, Switch-Hitter26	*2017 (Josh Bell)
Most Home Runs Prior to All-Star Break16	5
Most Runs Batted In116	1940 (Maurice Van Robays)
116	is1899 (Jimmy Williams)
Most Walks80	1907 (Goat Anderson)
80	1930 (Gus Suhr)
Most Strikeouts129	2004 (Jason Bay)
Most Stolen Bases	
Most Hit By Pitches	'2015 (Jung Ho Kang)
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

ROOKIE IND	IVIDUAL PITCHING
Lowest ERA2.2	61912 (Hank Robinson)
Most Wins	01899 (Sam Leever)
Most Wins (since 1900)1	81924 (Remy Kremer)
1	81935 (Cy Blanton)
Most Losses2	31899 (Sam Leever)
Most Losses (since 1900)1	61917 (Burleigh Grimes)
Most Games, RHP8	52006 (Matt Capps)
Most Games, LHP6	82004 (John Grabow)
Most Games Started3	91899 (Sam Leever)
Most Games Started (since 1900)3	32002 (Josh Fogg)
Most Complete Games	
Most Complete Games (since 1900)2	41904 (Mike Lynch)
Most Shutouts	
Last time	e:1935 (Cy Blanton)
Most Saves2	91997 (Rich Loiselle)
Most Innings Pitched37	
Most Innings Pitched (since 1900)25	91924 (Remy Kremer)
Most Walks12	21899 (Sam Leever)
Most Walks (since 1900)	911904 (Mike Lynch)
Most Strikeouts, Season14	21935 (Cy Blanton)
Most Strikeouts, Season, Reliever8	41993 (Blas Minor)
Most Strikeouts, Game	3
	3

LARGEST COMEBACKS IN TEAM HISTORY

The Pirates have come back from eight-run deficits four times in their 131-year history. The most recent time occurred on July 15, 1994 vs. Houston when the Pirates overcame an 8-0 deficit and won 11-8.

July 15, 1994 vs. Houstontrailed 8-0 (bottom 2)won 11-8 (9 innings)
August 11, 1979 vs. Philadelphiatrailed 8-0 (after 4)won 14-11 (9 innings)
August 11, 1946 vs. Chicago (game 1)trailed 9-1 (bottom 5)won 10-9 (9 innings)
August 17, 1909 vs. St. Louistrailed 8-0 (bottom 4)won 11-8 (8 innings)
last 5-run comebackSeptember 13, 2015 vs. Milwaukee trailed 6-1 (bottom 4) won 7-6 (11 innings)
last 6-run comeback
last 7-run comebackJune 10, 1991 at Minnesotatrailed 8-1 (after 2) won 11-8 (9 innings)

CAREER BATTING LEADERS

GAMES PLAYED
Roberto Clemente2,433
Honus Wagner 2,432
Willie Stargell 2,360
Max Carey
Bill Mazeroski
Paul Waner
Pie Traynor
Lloyd Waner
Tommy Leach
Fred Clarke 1,476

HITS
Roberto Clemente3,000
Honus Wagner 2,970
Paul Waner 2,868
Max Carey
Pie Traynor 2,416
Lloyd Waner
Willie Stargell 2,232
Bill Mazeroski 2,016
Arky Vaughan
Fred Clarke

TRIPLES
Honus Wagner 231
Paul Waner
Roberto Clemente166
Pie Traynor
Fred Clarke
Max Carey
Tommy Leach139
Arky Vaughan116
Jake Beckley114
Lloyd Waner

RUNS BATTED IN
Willie Stargell 1,540
Honus Wagner
Roberto Clemente 1,305
Pie Traynor
Paul Waner
Bill Mazeroski
Ralph Kiner
Gus Suhr
Arky Vaughan764
Dave Parker

STOLEN BASES
Max Carey
Honus Wagner
Omar Moreno 412
Fred Clarke
Barry Bonds
Tommy Leach249
Frank Taveras206
Carson Bigbee
Starling Marte 181
Andrew McCutchen171

AT BATS
Roberto Clemente9,454
Honus Wagner
Paul Waner 8,429
Max Carey
Willie Stargell 7,927
Bill Mazeroski 7,755
Pie Traynor 7,559
Lloyd Waner
Tommy Leach 5,910
Fred Clarke

SINGLES
Roberto Clemente2,154
Honus Wagner 2,101
Paul Waner 2,018
Lloyd Waner
Max Carey
Pie Traynor
Bill Mazeroski
Willie Stargell
Tommy Leach
Arky Vaughan

HOME RUNS
Willie Stargell
Ralph Kiner
Roberto Clemente 240
Andrew McCutchen203
Barry Bonds 176
Dave Parker
Brian Giles165
Frank Thomas163
Jason Bay
Bill Mazeroski 138

EXTRA-BASE HITS
Willie Stargell
Honus Wagner
Paul Waner
Roberto Clemente846
Pie Traynor
Max Carey 590
Andrew McCutchen539
Dave Parker
Bill Mazeroski 494
Arky Vaughan49

WALKS
Willie Stargell
Max Carey
Paul Waner
Honus Wagner877
Ralph Kiner795
Arky Vaughn778
Andrew McCutchen685
Gus Suhr
Fred Clarke 630
Elbie Fletcher

RUNS
Honus Wagner 1,520
Paul Waner 1,493
Roberto Clemente1,416
Max Carey
Willie Stargell 1,195
Pie Traynor
Lloyd Waner
Fred Clarke 1,017
Tommy Leach 1,009
Arky Vaughan936

TOTAL BASES
Roberto Clemente4,492
Honus Wagner
Willie Stargell 4,190
Paul Waner
Pie Traynor
Max Carey
Lloyd Waner
Bill Mazeroski 2,848
Arky Vaughan2,484
Andrew McCutchen2.452

BATTING AVERAGE
Paul Waner
Kiki Cuyler
Honus Wagner
Matty Alou
Arky Vaughan324
E. E. (Mike) Smith
Ginger Beaumont
Pie Traynor
Lloyd Waner
Roberto Clemente

STRIKEOUTS
Willie Stargell
Roberto Clemente 1,230
Andrew McCutchen 1,038
Kevin Young
Donn Clendenon 840
Pedro Alvarez 809
Jay Bell
Dave Parker
Andy Van Slyke
Bill Mazeroski

CAREER PITCHING LEADERS

GAMES
Elroy Face
Kent Tekulve722
Bob Friend568
Vernon Law
Babe Adams 48
Wilbur Cooper469
Tony Watson450
Dave Giusti 410
John Grabow390
Sam Leever

WINS
Wilbur Cooper202
Babe Adams
Sam Leever
Bob Friend19
Deacon Phillippe168
Vernon Law
Remy Kremer143
Rip Sewell143
John Candelaria 124
Jesse Tannehill
Bob Veale116

ERA
Vic Willis2.09
Lefty Leifield 2.38
Sam Leever 2.47
Deacon Phillippe2.51
Howie Camnitz 2.63
Kent Tekulve 2.67
Jesse Tannehill 2.733
Wilbur Cooper 2.739
Babe Adams 2.74
Doug Drabek3.01

WINNING PCT. (MIN 100 DEC.
Jesse Tannehill (116-58)
Sam Leever (195-100)
Jack Chesbro (70-38)648
Deacon Phillippe (167-92) 645
Lee Meadows (88-52)629
Remy Kremer (143-85)
Al McBean (65-43)602
Doug Drabek (92-62)
Rip Sewell (143-97)
John Candelaria (124-87)

HITS ALLOWED
Bob Friend
Wilbur Cooper 3,074
Vernon Law 2,833
Babe Adams 2,832
Sam Leever 2,449
Pud Galvin 2,309
Deacon Phillippe2,187
Remy Kremer
Rip Sewell 2,082
Ed Morris 2,026

GAMES STARTED

3ob Friend477
Wilbur Cooper368
Vernon Law
Babe Adams
Sam Leever
John Candelaria 271
3ob Veale255
Deacon Phillippe250
Remy Kremer247
Rip Sewell243

LOSSES
Bob Friend
Wilbur Cooper 159
Vernon Law
Babe Adams
Sam Leever
Rip Sewell
Elroy Face
Deacon Phillippe92
Ron Kline 91
Bob Veale 91

COMPLETE GAMES Wilbur Cooper263 Deacon Phillippe......209 Bob Friend......161 Jesse Tannehill 148

Bob Veale 1,652 Wilbur Cooper 1,194 John Candelaria 1,159 Vernon Law 1,095 Babe Adams 1,036 Steve Blass 896 Dock Ellis 869 Deacon Phillippe 853	
Bob Veale 1,652 Wilbur Cooper 1,194 John Candelaria 1,159 Vernon Law 1,095 Babe Adams 1,036 Steve Blass 896 Dock Ellis 869 Deacon Phillippe 853	STRIKEOUTS
Wilbur Cooper 1,194 John Candelaria 1,159 Vernon Law 1,095 Babe Adams 1,036 Steve Blass 896 Dock Ellis 869 Deacon Phillippe 853	Bob Friend
John Candelaria 1,159 Vernon Law 1,095 Babe Adams 1,036 Steve Blass 896 Dock Ellis 869 Deacon Phillippe 853	Bob Veale
Vernon Law 1,095 Babe Adams 1,036 Steve Blass 896 Dock Ellis 869 Deacon Phillippe 853	Wilbur Cooper1,194
Babe Adams 1,036 Steve Blass 896 Dock Ellis 869 Deacon Phillippe 853	John Candelaria 1,159
Steve Blass .896 Dock Ellis .869 Deacon Phillippe .853	Vernon Law
Dock Ellis	Babe Adams 1,036
Deacon Phillippe853	Steve Blass896
	Dock Ellis
Rick Rhoden852	Deacon Phillippe853
	Rick Rhoden852

RUNS ALLOWED
Bob Friend
Vernon Law
Wilbur Cooper 1,241
Pud Galvin
Babe Adams 1,125
Frank Killen 1,056
Ed Morris
Sam Leever
Rip Sewell
Remy Kremer

INNINGS PITCHED

Bob Friend
BOD I Helia
Wilbur Cooper
Babe Adams 2,991.0
Vernon Law
Sam Leever 2,645.0
Deacon Phillippe
Rip Sewell
Remy Kremer 1,955.0
John Candelaria 1,873.2
Bob Veale

SAVES
Kent Tekulve
Mike Williams
Dave Giusti
Mark Melancon 130
Joel Hanrahan82
Jose Mesa
Matt Capps
Stan Belinda 61
Bill Landrum56
Jim Gott
*Prior to its recognition as an official statistic in 1969, Elroy Face collected 188 "saves" with Pittsburgh

SHUTOUTS
Babe Adams
Sam Leever
Bob Friend35
Wilbur Cooper34
Lefty Leifield 29
Vernon Law
Deacon Phillippe25
Vic Willis23
Rip Sewell20
Bob Veale20

Bob Veale 835 Wilbur Cooper 762 Rip Sewell 74C Steve Blass 597 Vernon Law 597 Sam Leever 587 Howie Camnitz 532 Frank Killen 515	WALKS
Wilbur Cooper 762 Rip Sewell 74C Steve Blass 597 Vernon Law 597 Sam Leever 587 Howie Camnitz 532 Frank Killen 515	Bob Friend869
Rip Sewell 74C Steve Blass 597 Vernon Law 597 Sam Leever 587 Howie Camnitz 532 Frank Killen 515	Bob Veale839
Steve Blass 597 Vernon Law 597 Sam Leever 587 Howie Camnitz 532 Frank Killen 515	Wilbur Cooper762
Vernon Law 597 Sam Leever 587 Howie Cannitz 532 Frank Killen 515	Rip Sewell740
Sam Leever 587 Howie Camnitz 532 Frank Killen 519	Steve Blass597
Howie Camnitz .532 Frank Killen .519	Vernon Law597
Frank Killen	Sam Leever
	Howie Camnitz
	Frank Killen 519
Remy Kremer483	Remy Kremer

HOME RUNS ALLOWED
Bob Friend273
Vernon Law
John Candelaria 172
Elroy Face
Steve Blass
Ron Kline
Murray Dickson
Remy Kremer
Rip Sewell
Doug Drabek112

		DAI	ring Lea	DE VO		1887-199	
	AVERAGE		HITS		HOME RUNS	RBI	
387	F. Carroll		J. Coleman		F. Carroll		
388 389	D. Miller J. Beckley		W. Kuehne J. Beckley		P. Smith J. Beckley		
390 390	D. Miller		D. Miller		H. Decker		
391	J. Beckley		J. Beckley		Four Players		
392	E. Smith		D. Miller		J. Beckley10		
393	E. Smith		Smith/Van Haltren		E. Smith		
394	E. Smith		J. Stenzel		J. Stenzel1		
895	J. Stenzel	374	J. Stenzel	192	J. Stenzel	7 J. Beckley	110
896	E. Smith	362	P. Donovan		E. Smith		
897	P. Donovan		P. Donovan		E. Smith		
898	P. Donovan		P. Donovan		J. McCarthy		
899	J. Williams		J. Williams		J. Williams		
900	H. Wagner		H. Wagner		J. Williams		
901 902	H. Wagner		H. Wagner		H. Wagner		
90Z 903	G. Beaumont H. Wagner		G. Beaumont G. Beaumont		T. Leach		
903 904	H. Wagner		G. Beaumont		H. Wagner		
905	H. Wagner		H. Wagner		H. Wagner		
906	H. Wagner		H. Wagner		J. Nealon		
907	H. Wagner		H. Wagner		H. Wagner		
908	H. Wagner		H. Wagner		H. Wagner10		
909	H. Wagner	339	H. Wagner	168	T. Leach6	5 H. Wagner	100
910	H. Wagner	320	Wagner/Byrne	178	J. Flynn6	H. Wagner	8
911	H. Wagner	334	0. Wilson		0. Wilson1.		
912	H. Wagner		H. Wagner		0. Wilson1		
913	J. Viox		M. Carey		0. Wilson10		
914	G. Gibson		M. Carey		E. Konechty		
915	B. Hinchman		B. Hinchman		H. Wagner		
916	B. Hinchman		B. Hinchman		M. Carey		
9 17 918	M. Carey B. Southworth		M. Carey M. Carey		B. Fischer G. Cutshaw		
919	C. Stengel		C. Bigbee		B. Southworth/C. Stengel		
920	M. Carey		B. Southworth		C. Bigbee		
921	G. Cutshaw		C. Bigbee		Carey/Grimm/Whitted		
922	R. Russell		C. Bigbee		R. Russell12		
923	C. Grimm		P. Traynor		P. Traynor12		
924	K. Cuyler		M. Carey		K. Cuyler		
925	K. Cuyler		K. Cuyler	220	K. Cuyler/G. Wright18		121
926	P. Waner		K. Cuyler		Four Players		
927	P. Waner		P. Waner		P. Waner/G. Wright		
928	P. Waner		P. Waner		G. Grantham10		
929	P. Traynor		L. Waner		P. Waner1		
930	P. Waner		P. Waner		G. Grantham18		
931	P. Waner		L. Waner		G. Grantham		
932	P. Waner		P. Waner		Grace/P. Waner		
933 934	A. Vaughan P. Waner		P. Waner P. Waner		G. Suhr		
934 935	P. waner A. Vaughan		W. Jensen		A. Vaughan		
936	P. Waner		P. Waner		G. Suhr1		
937	P. Waner		P. Waner		A. Todd		
938	A. Vaughan		L. Waner		J. Rizzo2		
39	P. Waner		A. Vaughan		E. Fletcher1		
40	D. Garms		A. Vaughan		V. DiMaggio19		
)41	A. Vaughan		E. Fletcher		V. DiMaggio1		
42	B. Elliott		B. Elliott	166	V. DiMaggio1		
43	B. Elliott	315	B. Elliott	183	V. DiMaggio1!	B. Elliott	10
)44	J. Russell	312	R. Russell	181	B. Dahlgren12		
145	B. Elliott		B. Elliott		J. Barrett1		
146	B. Cox		J. Russell		R. Kiner 23		
47	R. Kiner		F. Gustine		R. Kiner5		
48	D. Walker		S. Rojek		R. Kiner40		
49	R. Kiner		R. Kiner		R. Kiner54		
50	W. Westlake		R. Kiner		R. Kiner4		
51 52	R. Kiner		G. Bell		R. Kiner		
52 53	D. Groat D. O'Connell		R. Kiner D. O'Connell		R. Kiner 3 ° F. Thomas		
55 54	F. Thomas		F. Thomas		F. Thomas2		
55 55	r. 1110111as D. Long		D. Groat		F. Thomas2		
56	B. Virdon		B. Virdon		D. Long2		
157	D. Groat		F. Thomas		F. Thomas2		
958	B. Skinner		D. Groat		F. Thomas35		
	R. Clemente		D. Hoak		1. 111011103J.		103

AR	AVERAGE	HITS		HOME RUNS		RBI	
0	D. Groat325	D. Groat	186	D. Stuart	23	R. Clemente	
1	R. Clemente351	R. Clemente		D. Stuart		D. Stuart	
2	R. Clemente	D. Groat		B. Skinner		B. Mazeroski	
3	R. Clemente320	R. Clemente		R. Clemente		R. Clemente	
4	R. Clemente	R. Clemente		W. Stargell		R. Clemente	
5	R. Clemente	R. Clemente		W. Stargell		W. Stargell	
6	M. Alou	R. Clemente		W. Stargell		R. Clemente	
7	R. Clemente357	R. Clemente		R. Clemente		R. Clemente	
8	M. Alou	M. Alou		W. Stargell		D. Clendenon	
9	R. Clemente	M. Alou		W. Stargell		W. Stargell	
0	M. Sanguillen	M. Alou		W. Stargell		W. Stargell	
i	R. Clemente	R. Clemente		W. Stargell		W. Stargell	
2	A. Oliver	A. Oliver		W. Stargell		W. Stargell	
3	W. Stargell	A. Oliver		W. Stargell		W. Stargell	
4	A. Oliver	A. Oliver		W. Stargell		R. Zisk	
5	M. Sanguillen	A. Oliver/R. Stennett		D. Parker		D. Parker	
6	D. Parker	Parker/Stennett/Zisk		B. Robinson/R. Zisk		D. Parker	
7	D. Parker	D. Parker		B. Robinson		B. Robinson	
В	D. Parker	D. Parker		D. Parker		D. Parker	
9	D. Parker	0. Moreno		W. Stargell		D. Parker	
0							
	D. Parker	0. Moreno		M. Easler J. Thompson		D. Parker D. Parker	
		0. Moreno					
2	B. Madlock	J. Ray		J. Thompson		J. Thompson	
	B. Madlock323	Pena/Ray		J. Thompson		J. Thompson	
	L. Lacy	M. Wynne		J. Thompson		T. Pena	
	J. Ray	J. Ray		J. Thompson		J. Ray	
,	J. Ray	J. Ray		J. Morrison		J. Morrison	
'	B. Bonilla	A. Van Slyke		B. Bonds		A. Van Slyke	
}	A. Van Slyke288	A. Van Slyke		A. Van Slyke		Bonilla/Van Slyke	
)	B. Bonilla	B. Bonilla		B. Bonilla		B. Bonilla	
)	B. Bonds	B. Bonilla		B. Bonds		B. Bonilla	
	B. Bonilla	B. Bonilla		B. Bonds		B. Bonds	
	A. Van Slyke324	A. Van Slyke		B. Bonds		B. Bonds	
	J. Bell	J. Bell		A. Martin		J. King	
	C. Garcia	J. Bell	117	B. Hunter	11	0. Merced	
	0. Merced	0. Merced	146	J. King	18	J. King	
i	A. Martin	A. Martin	189	J. King	30	J. King	
	J. Randa	T. Womack	178	K. Young	18	K. Young	
	J. Kendall	T. Womack	185	K. Young	27	K. Young	
	B. Giles315	K. Young	174	B. Giles	39	B. Giles	
)	J. Kendall	J. Kendall	185	B. Giles	35	B. Giles	
	B. Giles	A. Ramirez	181	B. Giles		A. Ramirez	
2	B. Giles	J. Kendall	154	B. Giles	38	B. Giles	
3	J. Kendall	J. Kendall	191	R. Sanders	31	R. Sanders	
4	J. Kendall	J. Wilson	201	C. Wilson	29	J. Bay/C. Wilson	
5	J. Bay	J. Bay	183	J. Bay	32	J. Bay	
;	F. Sanchez344	F. Sanchez	200	J. Bay	35	J. Bay	
	F. Sanchez	F. Sanchez		J. Bay/A. LaRoche		A. LaRoche	
	R. Doumit	N. McLouth		N. McLouth		N. McLouth	
)	A. McCutchen	An. LaRoche		G. Jones		An. LaRoche	
	J. Tabata	A. McCutchen		G. Jones		G. Jones	
	N. Walker	N. Walker		A. McCutchen		A. McCutchen	
	A. McCutchen327	A. McCutchen		A. McCutchen		A. McCutchen	
	A. McCutchen	A. McCutchen		P. Alvarez		P. Alvarez	
	J. Harrison	A. McCutchen		A. McCutchen		A. McCutchen	
	F. Cervelli	S. Marte		P. Alvarez		A. McCutchen	
	S. Marte	A. McCutchen		A. McCutchen		G. Polanco	
	A. McCutchen	A. McCutchen		A. McCutchen		J. Bell	

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1887-1959 YEARLY PITCHING LEADERS

YEAR	WINS	INNINGS		STRIKEOUTS		ERA	
1887	P. Galvin28	P. Galvin		E. Morris		P. Galvin	
1888	E. Morris29	E. Morris		E. Morris		E. Morris	
1889	P. Galvin	H. Staley K. Baker		H. Staley		H. Staley K. Baker	
1890 1891	M. Baldwin22	M. Baldwin		K. Baker M. Baldwin		M. Baldwin	
1892	M. Baldwin26	M. Baldwin		M. Baldwin		A. Terry	
1893	F. Killen34	F. Killen		F. Killen		R. Ehret	
1894	R. Ehret19	R. Ehret		R. Ehret		F. Killen	
1895	P. Hawley31	P. Hawley	444.1	P. Hawley	142	P. Hawley	3.18
1896	F. Killen30	F. Killen		P. Hawley		F. Killen	
1897	P. Hawley18	F. Killen		F. Killen		J. Tannehill	
1898	J. Tannehill25	J. Tannehill		J. Tannehill		J. Tannehill	
1899 1900	J. Tannehill24	S. Leever		S. Leever		J. Tannehill	
1900	D. Phillippe/J. Tannehill 20 D. Phillippe22	D. Phillippe D. Phillippe		R. Waddell J. Chesbro		R. Waddell J. Tannehill	
1902	J. Chesbro28	J. Chesbro		J. Chesbro		J. Tannehill	
1903	S. Leever25	D. Phillippe		D. Phillippe		S. Leever	
1904	P. Flaherty19	S. Leever		M. Lynch		P. Flaherty	
1905	D. Phillippe22	D. Phillippe	279.0	D. Phillippe	133	D. Phillippe	2.19
1906	S. Leever/V. Willis22	V. Willis		V. Willis		V. Willis	
1907	V. Willis22	V. Willis		L. Leifield		S. Leever	
1908	N. Maddox/V. Willis23	V. Willis		H. Camnitz		H. Camnitz	
1909	H. Camnitz25	V. Willis H. Camnitz		H. Camnitz		H. Camnitz	
1910	B. Adams	H. Camnitz L. Leifield		H. Camnitz		B. Adams B. Adams	
1911 1912	B. Adams22 C. Hendrix24	L. Leitieid C. Hendrix		H. Camnitz C. Hendrix		B. Adams H. Robinson	
1913	B. Adams21	B. Adams		B. Adams		B. Adams	
1914	W. Cooper16	B. Adams		W. Cooper		W. Cooper	
1915	A. Mamaux21	B. Harmon		A. Mamaux		A. Mamaux	
1916	A. Mamaux21	A. Mamaux		A. Mamaux		W. Cooper	
1917	W. Cooper17	W. Cooper		W. Cooper		W. Cooper	2.36
1918	W. Cooper19	W. Cooper	273.1	W. Cooper	117	W. Cooper	2.11
1919	W. Cooper19	W. Cooper		W. Cooper		B. Adams	
1920	W. Cooper24	W. Cooper		W. Cooper		B. Adams	
1921	W. Cooper22	W. Cooper		W. Cooper		B. Adams	
1922	W. Cooper23	W. Cooper		W. Cooper		W. Cooper	
1923 1924	J. Morrison25 W. Cooper20	J. Morrison W. Cooper		J. Morrison J. Morrison		L. Meadows E. Yde	
1924	L. Meadows19	L. Meadows		V. Aldridge		V. Aldridge	
1926	R. Kremer/L. Meadows20	R. Kremer		R. Kremer		R. Kremer	
1927	C. Hill22	L. Meadows		C. Hill		R. Kremer	
1928	B. Grimes25	B. Grimes		B. Grimes		B. Grimes	
1929	R. Kremer18	B. Grimes	232.2	E. Brame	68	B. Grimes	3.13
1930	R. Kremer20	R. Kremer		L. French	90	L. French	4.35
1931	H. Meine19	H. Meine		L. French		H. Meine	
1932	L. French18	L. French		L. French		S. Swetonic	
1933	L. French18	L. French		L. French		L. French	
1934	W. Hoyt15	L. French		W. Hoyt		W. Hoyt	
1935	C. Blanton18	C. Blanton		C. Blanton		C. Blanton	
1936 1937	B. Swift16 C. Blanton14	B. Swift C. Blanton		C. Blanton C. Blanton		R. Lucas R. Bauers	
1938	C. Bianton14 M. Brown15	R. Bauers		R. Bauers		B. Klinger	
1939	B. Klinger14	B. Klinger		M. Brown		M. Brown	
1940	R. Sewell16	R. Sewell		M. Brown		R. Sewell	
1941	M. Butcher17	R. Sewell		K. Heintzelman		M. Butcher	
1942	R. Sewell17	R. Sewell		R. Sewell	69	B. Klinger	
1943	R. Sewell 21	R. Sewell		Klinger/Sewell	65	R. Sewell	2.55
1944	R. Sewell21	R. Sewell		P. Roe		N. Strincevich	
1945	N. Strincevich16	P. Roe		P. Roe		P. Roe	
1946	F. Ostermueller13	F. Ostermueller		J. Hallett		F. Ostermueller	
1947	F. Ostermueller12	K. Higbe		K. Higbe		R. Sewell	
1948 1949	B. Chesnes14	B. Chesnes		K. Higbe B. Werle		R. Sewell	
1949	C. Chambers13 C. Chambers12	M. Dickson C. Chambers		C. Chambers		M. Dickson M. Dickson	
1950	M. Dickson20	M. Dickson		M. Queen		M. Dickson	
1952	M. Dickson14	M. Dickson		M. Dickson		M. Dickson	
1953	M. Dickson10	M. Dickson		J. Lindell		M. Dickson	
1954	D. Littlefield10	M. Surkont		D. Littlefield		D. Littlefield	
1955	B. Friend14	V. Law		B. Friend		B. Friend	
1956	B. Friend17	B. Friend		B. Friend		R. Kline	
1957	B. Friend14	B. Friend	277.0	B. Friend		V. Law	
1958	B. Friend22	B. Friend		B. Friend		R. Kline	
1959	Face/Law18	V. Law	200.0	H. Haddix	140	V. Law	2.00

T. Ritchie3.49

K. Benson......3.85

T. Ritchie 4.47

K. Wells......3.58

K. Wells......3.28

0. Perez......2.98

D. Williams.....4.41 Z. Duke 4.47

I. Snell 3.76

P. Maholm......3.71

R. Ohlendorf3.92

R. Ohlendorf4.07

J. Karstens3.38

A.J. Burnett......3.51

F. Liriano 3.02

E. Volguez......3.04

G. Cole2.60

J. Taillon......3.38

T. Williams......4.07

YE	ARLY PITC	HING LEA	DERS			1960-20	117
YEAR	WINS	INNINGS		STRIKEOUTS		ERA	
1960	V. Law20	B. Friend	275.2	B. Friend	183	B. Friend	3.00
1961	B. Friend14	B. Friend		J. Gibbon		J. Gibbon	3.32
1962	B. Friend18	B. Friend		B. Friend		B. Friend	
1963	B. Friend17	B. Friend		B. Friend	144	B. Friend	
1964	B. Veale18	B. Veale		B. Veale		B. Veale	
1965	Law/Veale17	B. Veale	266.0	B. Veale	276	V. Law	
1966	B. Veale16	B. Veale		B. Veale		B. Veale	
1967	B. Veale16	T. Sisk		B. Veale	179	T. Sisk	3.33
1968	S. Blass18	B. Veale	245.1	B. Veale	171	B. Veale	2.06
1969	S. Blass16	B. Veale		B. Veale		B. Moose	
1970	L. Walker15	B. Veale	202.0	B. Veale	178	L. Walker	
1971	D. Ellis19	S. Blass	240.0	D. Ellis	137	S. Blass	
1972	S. Blass19	S. Blass	249.2	B. Moose		S. Blass	
1973	N. Briles14	N. Briles		Ellis/Rooker	122	N. Briles	
1974	J. Reuss16	J. Rooker		J. Rooker		J. Rooker	
1975	J. Reuss18	J. Reuss	237.1	J. Reuss	131	J. Reuss	2.54
1976	J. Candelaria16	J. Candelaria	220.0	J. Candelaria	138	B. Kison	3.08
1977	J. Candelaria20	J. Candelaria	230.2	G. Gossage	151	J. Candelaria	2.34
1978	B. Blyleven/D. Robinson14	B. Blyleven	243.2	B. Blyleven	182	B. Blyleven	3.02
1979	J. Candelaria14	B. Blyleven	237.1	B. Blyleven	172	B. Kison	
1980	J. Bibby19	J. Bibby	238.1	B. Blyleven	168	J. Bibby	3.33
1981	R. Rhoden9	R. Rhoden	136.1	R. Rhoden	76	E. Solomon	
1982	D. Robinson15	R. Rhoden	230.1	D. Robinson	165	J. Candelaria	2.94
1983	J. Candelaria/L. McWilliams 15	R. Rhoden	244.1	L. McWilliams	199	R. Rhoden	3.09
1984	R. Rhoden14	R. Rhoden	238.1	J. DeLeon	153	J. Candelaria/R. Rhoden	2.72
1985	R. Reuschel14	R. Rhoden	213.1	J. DeLeon	149	R. Reuschel	2.27
1986	R. Rhoden15	R. Rhoden	253.2	R. Rhoden	159	R. Rhoden	2.84
1987	M. Dunne13	B. Fisher	185.1	D. Drabek	120	R. Reuschel	2.75
1988	D. Drabek15	D. Drabek		J. Smiley		B. Walk	
1989	D. Drabek14	D. Drabek		D. Drabek/J. Smiley	123	D. Drabek	
1990	D. Drabek22	D. Drabek	231.1	D. Drabek	131	D. Drabek	2.76
1991	J. Smiley20	D. Drabek		D. Drabek	142	D. Drabek	
1992	D. Drabek15	D. Drabek		D. Drabek	177	D. Drabek	
1993	B. Walk13	S. Cooke	210.2	S. Cooke	132	S. Cooke	3.89
1994	Z. Smith10	Z. Smith	157.0	D. Neagle	122	Z. Smith	
1995	D. Neagle13	D. Neagle	209.2	D. Neagle	150	D. Neagle	3.43
1996	D. Neagle14	D. Neagle	182.2	D. Neagle	131	D. Neagle	3.05
1997	Cordova/Lieber/Loaiza11	E. Loaiza		J. Lieber	160	F. Cordova	
1998	F. Cordova13	F. Cordova	220.1	J. Schmidt	158	F. Cordova	3.31

J. Schmidt.....212.2 K. Benson.....217.2

T. Ritchie.....207.1

K. Wells......198.1

K. Wells......197.1

0. Perez196.0

K. Wells......182.0

Z. Duke......215.1

I. Snell......108.0

P. Maholm206.1

Z. Duke.....213.0

P. Maholm185.1

C. Morton171.2

A.J. Burnett......202.1

A.J. Burnett......191.0

E. Volquez.....192.2

G. Cole......208.0

J. Locke127.1

G. Cole......203.0

J. Schmidt......148

K. Benson 184

T. Ritchie.....124

K. Wells.....134

K. Wells.....147

0. Perez239

K. Wells......132

I. Snell......169

I. Snell......177

P. Maholm139

P. Maholm119

P. Maholm102

J. McDonald.....142

A.J. Burnett 180

A.J. Burnett209

F. Liriano......175

F. Liriano......205

J. Nicasio.....138

G. Cole......196

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T. Ritchie15

J. Silva.....11

T. Ritchie11

J. Fogg/K. Wells.....12

Fogg/Suppan/Wells......10

0. Perez.....12

D. Williams.....10

I. Snell14

T. Gorzelanny.....14

P. Maholm......9

R. Ohlendorf/Z. Duke11

P. Maholm.....9

K. Correia12

A.J. Burnett......16

F. Liriano16

E. Volguez......13

G. Cole19

J. Nicasio10

1999

2000

2001

2002

2003

2004

2005

2006

2007

2008

2009

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2011 2012

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2014

2015

2016

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YE.	ĀRI	Y.	TEA	M E	AT	TIN	G 8	k F	IEL.	DIN	G S'	TAT	'S	1887	'-1 <u>9</u>	59
YEAR	R	OR	AB	Н	2B	3B	HR	BB	SO	AVG	OBP	SLG	SB	E	DP	FA
1887	621	750	4733	1460	183	78	20	319	381	.308	.314	.349	221	425	70	.921
1888 1889	534 726	580 801	4713 4748	1070 1202	150 209	49 65	14 42	194 420	583 467	.227 .253	.264 .320	.289 .351	287 231	416 385	88 94	.927 .931
890	597	1235	4739	1088	160	43	20	408	458	.230	.300	.294	208	607	94	.897
891	679	744	4794	1148	148	71	29	427	503	.239	.308	.318	205	475	76	.917
892	802	796	5469	1288	143	108	38	435	453	.236	.297	.322	222	483	113	.927
893	970	766	4384	1447	176	127	37	537	274	.299	.377	.411	210	347	112	.938
894 895	965 815	1001 799	4700 4677	1456 1355	223 192	125 89	48 27	444 378	210 301	.312 .290	.379 .351	.443 .386	257 257	355 394	106 95	.936 .930
896	787	741	4701	1371	169	94	27	387	286	.292	.353	.385	217	317	103	.941
897	676	835	4590	1266	140	108	25	359	334	.276	.337	.370	170	346	70	.936
1898	634	694	5087	1313	140	88	14	336	343	.258	.313	.328	107	340	105	.946
899 900	841 733	771 612	5486 4817	1582 1312	196 185	121 100	29 26	386 327	346 321	.288	.342 .327	.384	179 174	363 322	100	.945 .945
901	776	534	4913	1407	182	92	29	386	493	.272	.345	.379	203	287	97	.950
902	775	440	4926	1410	189	95	18	372	446	.286	.344	.374	222	247	87	.958
903	793	613	4988	1429	208	110	34	364		.286	.341	.393	172	295	100	.951
904	675	592	5160	1333	164	102	15	391		.258	.316	.338	178	291	93	.955
905 906	692 623	570 470	5213 5030	1385 1313	190 164	91 67	22 12	382 424		.266 .261	.320 .324	.350 .327	202 162	255 228	112 109	.961 .964
907	634	510	4957	1261	133	78	19	469		.254	.325	.321	264	256	75	.959
908	585	468	5109	1263	162	98	25	420		.247	.309	.332	186	226	74	.964
909	699	447	5129	1332	218	92	25	479		.260	.327	.353	185	228	100	.964
910	655	576	5125	1364	214	83 10 <i>c</i>	33	437	524	.266	.328	.360	148	245	102	.961 .963
911 912	744 751	557 565	5137 5252	1345 1493	206 222	106 129	49 39	525 420	583 514	.262 .284	.336 .340	.372 .398	160 177	232 169	131 125	.963 .972
913	673	585	5252	1383	210	86	35	391	545	.263	.319	.356	181	226	94	.964
914	503	540	5145	1197	148	79	18	416	608	.233	.295	.303	147	223	96	.966
915	557	520	5113	1259	197	91	24	419	656	.246	.309	.334	182	214	100	.966
916 917	484 464	586 595	5181 5169	1246 1230	147 160	91 61	20 9	372 399	618 580	.240 .238	.298 .298	.316 .298	173 150	260 251	97 119	.959 .961
918	466	412	4091	1016	107	72	15	371	285	.248	.315	.321	200	179	108	.966
919	472	466	4538	1132	130	82	17	344	381	.249	.306	.325	196	165	89	.970
920	530	552	5219	1342	162	90	16	374	405	.257	.310	.332	181	186	119	.971
921 922	692 865	595 736	5379 5521	1533 1698	231 239	104 110	37 52	341 423	371 326	.285 .308	.330 .360	.387 .419	134 145	172 187	129 126	.973 .970
923	786	696	5405	1592	224	111	49	407	362	.295	.347	.404	154	179	157	.971
924	724	586	5288	1517	222	122	44	366	396	.287	.336	.400	181	183	161	.971
925	912	715	5372	1651	316	105	78	499	363	.307	.369	.449	159	224	171	.964
926	769	689	5312	1514	243	106	44	434	350	.285	.343	.396	91	220	161	.965
927 928	817 837	659 704	5397 5371	1648 1659	258 246	78 100	54 52	437 435	355 352	.305 .309	.361 .364	.412 .421	65 64	187 201	130 123	.969 .967
929	904	780	5490	1663	285	116	60	503	335	.303	.364	.430	94	181	136	.970
930	891	928	5346	1622	285	119	86	494	449	.303	.365	.449	76	216	164	.965
931	636	691	5360	1425	243	70	41	493	454	.266	.330	.360	59	194	167	.968
932 933	701 667	711 619	5421 5429	1543 1548	274 249	90 84	48 39	358 366	385 334	.285 .285	.333 .333	.395 .383	71 34	185 166	124 133	.969 .972
934	735	713	5361	1541	281	77	52	440	398	.287	.344	.398	44	145	118	.975
935	743	647	5415	1543	255	90	66	457	437	.285	.343	.402	30	190	94	.968
936	804	718	5586	1596	283	80	60	517	502	.286	.349	.397	37	199	113	.967
937 938	704 707	647 630	5433 5422	1550 1511	223 265	86 66	47 65	463 485	480 409	.285	.343 .340	.384 .388	32 47	181 163	135 168	.970 .974
939	666	721	5269	1453	261	60	65 63	403	420	.279 .276	.338	.384	41	168	153	.972
940	809	783	5466	1511	276	68	76	553	494	.276	.346	.394	69	217	161	.966
941	690	643	5297	1417	233	65	56	547	516	.268	.338	.368	59	196	130	.968
942	585	631	5104	1250	173	49	54	537	536	.245	.320	.330	41	184	128	.969
943 944	669 744	605 662	5353 5428	1401 1441	240 248	73 80	42 70	573 573	566 616	.262 .265	.335 .338	.357 .379	64 87	170 191	159 122	.973 .970
945	753	686	5343	1425	259	56	72	590	480	.267	.342	.377	81	178	141	.971
946	552	668	5199	1300	202	52	60	592	555	.250	.328	.344	48	184	127	.970
947	745	817	5307	1385	216	44	156	607	687	.261	.340	.406	30	149	131	.975
948	706	701	5286	1388	191	54	108	580	578	.263	.338	.380	68	137	150	.977
949 950	681 681	760 857	5214 5327	1350 1404	191 227	41 59	126 138	548 564	554 693	.259 .264	.332	.384	48	132 136	173 165	.978 .977
951	689	845	5318	1372	218	56	137	557	615	.258	.331	.397	29	170	178	.972
952	515	793	5193	1201	181	30	92	486	724	.231	.300	.331	43	182	167	.970
953	622	887	5253	1297	178	49	99	524	715	.247	.319	.356	41	163	139	.973
954 055	557 560	845 767	5088 5177	1260	181 210	57 60	76 01	566 471	737 652	.248	.326	.350 361	21 22	173	136 175	.971
955 956	560 588	767 653	5173 5221	1262 1340	210 199	60 57	91 110	471 383	652 752	.244 .257	.310 .310	.361 .380	22 24	166 162	175 140	.972 .973
957	586	696	5402	1447	231	60	92	374	733	.268	.318	.384	46	170	143	.972
1958	662	607	5247	1386	229	68	134	396	753	.264	.319	.410	30	133	173	.978
1959	651	680	5369	1414	230	42	112	442	715	.263	.322	.384	32	154	165	.975

YE	ARI	_Y	TEA	M	BAT	TIN	G	& F	IEL	.DIN	IG S	STA'	TS	1960	1-2	017
YEAR	R	OR	AB	Н	2B	3B	HR	BB	SO	AVG	OBP	SLG	SB	E	DP	FA
1960	734	593	5406	1493	236	56	120	486	747	.276	.338	.407	34	128	163	.979
1961	694	675	5311	1448	232	57	128	428	721	.273	.330	.410	26	150	187	.975
1962 1963	706 567	626 595	5483 5536	1468 1385	240 181	65 49	108 108	432 454	836 940	.268 .250	.323 .310	.394 .359	50 57	152 182	177 195	.976 .972
1964	663	636	5566	1469	225	5 4	121	408	970	.264	.317	.389	39	177	179	.972
1965	675	580	5686	1506	217	57	111	419	1008	.265	.319	.382	51	152	189	.977
1966	759	641	5676	1586	238	66	158	405	1011	.279	.331	.428	64	141	215	.978
1967	679	693	5724	1585	193	62	91	387	914	.277	.327	.380	79	141	186	.978
1968	583	532	5569	1404	180	44	80	422	953	.252	.309	.343	130	139	162	.979
1969	725	652	5626	1557	220	52	119	454	944	.277	.336	.398	74	155	169	.975
1970	729	664	5637	1522 1555	235	70	130	444	871	.270	.328	.406 .416	66	137 133	195 164	979
1971 1972	788 691	599 512	5674 5490	1505	223 251	61 47	154 110	469 404	919 871	.274 .274	.333 .327	.397	65 49	136	164 171	.979 .978
1973	704	693	5608	1465	257	44	154	432	842	.261	.317	.405	23	151	156	.976
1974	751	657	5702	1560	238	46	114	514	828	.274	.338	.391	55	162	154	.975
1975	712	565	5489	1444	255	47	138	468	832	.263	.325	.402	49	151	147	.976
1976	708	630	5604	1499	249	56	110	433	807	.267	.323	.391	130	163	142	.975
1977	734	665	5662	1550	278	57	133	474	878	.274	.334	.413	260	145	137	.977
1978	684	637	5406	1390	239	54	115	480	874	.257	.323	.385	213	167	133	.973
1979 1980	775	643 646	5661	1541 1469	264 249	52 38	148 116	483	855	.272	.333	.416 .388	180	134 137	163 154	.979 .978
1981	666 407	425	5517 3576	920	249 176	30	55	452 278	760 494	.266 .257	.314	.369	209 122	86	106	.979
1982	724	696	5614	1535	272	40	134	447	862	.273	.330	.408	161	145	133	.977
1983	659	648	5531	1460	238	29	121	497	873	.264	.327	.383	124	115	165	.982
1984	615	567	5537	1412	237	33	98	438	841	.255	.312	.363	96	128	142	.980
1985	568	708	5436	1340	251	28	80	514	842	.247	.313	.347	110	133	127	.979
1986	663	700	5456	1366	273	33	111	569	929	.250	.323	.374	152	143	134	.978
1987	723	744	5536	1464	282	45	131	535	914	.264	.332	.403	140	123	147	.980
1988 1989	651 637	616 680	5379 5539	1327 1334	240 263	45 53	110 95	553 563	947 914	.247 .241	.321 .314	.369 .359	119 155	125 160	128 130	.980 .975
1990	733	619	5388	1395	288	42	138	582	914	.259	.334	.405	137	134	125	.979
1991	768	632	5449	1433	259	50	126	620	901	.263	.342	.398	124	120	134	.981
1992	693	595	5527	1409	272	54	106	569	872	.255	.327	.381	110	101	144	.984
1993	707	806	5549	1482	267	50	110	536	972	.267	.338	.393	92	105	161	.983
1994	466	580	3864	1001	198	23	80	349	725	.259	.324	.384	53	91	131	.980
1995	629	736	4937	1281	245	27	125	456	972	.259	.325	.396	84	122	138	.978
1996	776 725	833	5665	1509	319	33	138	510	989	.266	.331	.407	126	128	144	.980 .979
1997 1998	725 650	760 718	5503 5493	1440 1395	291 271	52 35	129 107	481 393	1161 1060	.262 .254	.331 .314	.404 .374	160 159	131 140	149 161	.979 .977
1999	775	782	5468	1417	282	40	171	573	1197	.259	.336	.419	112	147	179	.976
2000	793	888	5643	1506	320	31	168	564	1032	.267	.341	.424	86	132	169	.979
2001	657	858	5398	1333	256	25	161	467	1106	.247	.313	.393	93	133	168	.978
2002	641	730	5330	1300	263	20	142	537	1109	.244	.319	.381	86	115	177	.982
2003	753	801	5581	1492	275	45	163	529	1049	.267	.338	.420	86	123	159	.980
2004	680	744	5483	1428	267	39	142	415	1066	.260	.321	.401	63	103	189	.983
2005 2006	680 691	769 797	5573 5558	1445 1462	292 286	38 17	139 141	471 459	1092 1200	.259 .263	.322 .327	.400 .397	73 68	117 104	193 168	.981 .983
2000	724	846	5569	1463	322	31	148	463	1135	.263	.325	.39 <i>1</i> .411	68	83	190	.986
2008	735	884	5628	1454	314	21	153	474	1039	.258	.320	.403	57	107	179	.983
2009	636	768	5417	1364	289	34	125	499	1142	.252	.318	.382	90	73	171	.988
2010	587	866	5386	1303	276	27	126	463	1207	.242	.304	.373	87	127	120	.979
2011	610	712	5421	1325	277	35	107	489	1308	.244	.309	.368	108	112	154	.982
2012	651	674	5412	1313	241	37	170	444	1354	.243	.304	.395	73	112	126	.982
2013 2014	634 682	577 671	5486 5536	1345 1436	273 275	35 30	161 156	469 520	1330 1244	.245	.313 .330	.396	96 104	106 109	154 148	.984
2014	697	631 596	5631	1462	275 292	30 27	140	46 1	1322	.259 .260	.323	.404 .396	98	122	148 177	.983 .981
2016	729	758	5542	1402	277	32	153	561	1334	.257	.332	.402	110	111	172	.982
2017	668	731	5458	1331	249	36	151	519	1213	.244	.318	.386	67	99	156	.984

BOLD - Led League

MONTHLY RECORD HOME RUNS HIT (TEAM)

April	August 45 2007
May 39 2005	September 32 2013
June	October
July401966	

YE	ĀR	LY	TE!	M	Pľ	ГСH	ING	ST	ATS						188	17-	19	59
YEAR	G	W-L	ERA	CG	SHO	SV	IP	Н	R	ER	HR	НВ	BB	IBB	S0	WP	BK	AVG
1887 1888	125 139	55-69 66-68	4.12 2.67	123 135	4 13	0	1108.2 1203.1	1287 1190	750 580	507 357	39 23	33 30	246 223		248 367	41 47	0	.281 .249
1889	134	61-71	4.51	125	5	1	1130.2	1296	801	566	42		374		345	63	0	.282
1890	138	23-113	5.97	138	3	0	1176.1	1520	1235	780	52	76	573		381	115	0	.297
1891 1892	137 155	55-80 80-73	2.89 3.10	122 130	7 3	2	1197.2 1347.1	1160 1300	744 796	384 464	31 28		465 537		446 455	56 46	0	.245 .244
1893	131	81-48	4.08	104	8	2	1167.0	1232	766	404 529	28 29		504		455 280	40 32	1	.244
1894	132	65-65	5.60	106	2	0	1164.2	1552	972	725	39		457		304	21	0	.317
1895 1896	134 131	71-61 66-63	4.05 4.30	106 108	4 8	6	1171.2 1159.1	1263 1286	787 741	527 554	17 18		500 439		382 362	44 42	0 1	.271 .279
1897	135	60-71	4.50	112	2	1 2	1153.1	1397	835	599	22	65	318		342	31	i	.279
1898	152	72-76	3.41	131	10	3	1323.2	1400	694	501	14	65	346		330	18	1	.270
1899 1900	154 140	76-73 79-60	3.60 3.06	117 114	9 11	<u>4</u> 1	1364.0 1229.0	1464 1232	765 612	545 418	27 24	68 67	437 295		334 415	22 28	<u>6</u> 1	.274 .261
1900	140	90-49	2.58	119	15	4	1244.2	1198	534	357	20	60	244		505	20	2	.252
1902	142	103-36	2.30	131	21	3	1264.2	1142	440	323	4	61	250		564	19	1	.241
1903	141	91-49	2.91	117	16	5	1251.1	1215	613	405	9	44	384		454	28	1	.255
1904 1905	156 155	87-66 96-57	2.89 2.86	133 113	15 12	1 6	1348.1 1382.2	1273 1270	592 570	433 440	13 12	53 59	379 389		455 512	30 36	5 1	.248 .248
1906	154	93-60	2.21	116	27	2	1358.0	1234	470	333	13	42	309		532	26	0	.245
1907	157	91-63	2.30	111	24	5	1363.0	1207	510	348	12	46	368		497	20	1	.241
1908 1909	155 154	98-56 110-42	2.12 2.07	100 93	24 21	9 11	1402.1 1401.2	1142 1174	469 447	331 322	16 12	52 48	406 320		468 490	19 14	1 0	.223
1910	154	86-67	2.83	73	13	12	1376.0	1254	576	433	20	57	392		479	15	5	.249
1911	155	85-69	2.84	91	13	11	1380.1	1249	557	436	36	39	375		605	28	3	.248
1912	152	93-58	2.85	94	18	7 7	1385.0	1268	565	439	28	45	497		664	17	3	.251
1913 1914	155 158	78-71 69-85	2.90 2.70	74 86	9 10	11	1400.0 1405.0	1344 1272	585 540	451 422	26 27	29 36	434 392		590 488	28 17	1	.260 .249
1915	156	73-81	2.60	91	18	11	1380.0	1229	520	398	21	38	384		544	15	0	.246
1916	157	65-89	2.76	88	11	7	1419.2	1277	586	436	24	36	443		596	21	7	.247
1917 1918	157 126	51-103 65-60	3.01 2.48	84 85	17 10	6 7	1417. <u>2</u> 1140.1	1318 1005	595 412	474 314	14 13	34 32	432 299		509 367	27 12	6 1	.253 .243
1919	139	71-68	2.88	91	17	4	1249.0	1113	466	400	23	36	263		391	18	0	.244
1920	155	79-75	2.89	92	17	10	1415.1	1389	552	454	25	27	280		444	27	2	.261
1921 1922	154 155	51-103 85-69	3.17 3.98	88 88	10 15	10 7	1415.2 1387.1	1448 1613	595 736	498 614	37 52	37 27	322 358		500 490	19 18	1	.271 .296
1923	154	87-67	3.90 3.87	92	5	9	1376.1	1513	696	592	53	24	402		490	20	1	.284
1924	153	90-63	3.27	85	15	5	1382.0	1387	588	502	42	24	323		364	19	3	.267
1925	153	95-58	3.87	77 07	2	13	1354.2	1526	715	583	81	36	387		386	23	3	.287
1926 1927	157 156	84-69 94-60	3.67 3.66	83 90	12 10	18 10	1379.1 1385.0	1422 1400	689 659	562 563	50 58	36 23	455 418		387 435	9 19	2	.272 .267
1928	152	85-67	3.95	82	8	11	1354.0	1422	704	594	66	26	446		385	23	1	.274
1929	154	88-65	4.36	79	5	13	1379.0	1530	780	668	96	21	439		409	22	0	.284
1930 1931	154 155	80-74 75-79	5.24 3.66	80 89	7 9	13 5	1361.1 1390.0	1730 1489	928 691	793 565	128 55	29 21	438 442		393 345	25 23	0 5	.313 .274
1932	154	86-68	3.75	71	12	12	1377.0	1472	711	573	86	18	338		377	24	1	.279
1933	154	87-67	3.27	70	16	12	1373.1	1417	619	499	54	24	313		401	17	2	.264
1934 1935	151 153	74-76 86-67	4.20 3.42	63 76	8 15	8 11	1329.2 1365.2	1523 1428	713 647	620 519	78 63	31 20	354 312		487 549	18 25	2 3	.284 .265
1936	156	84-70	3.42	67	5	12	1395.1	1475	718	603	74	21	379		559	27	1	.269
1937	154	86-68	3.56	67	12	17	1366.1	1398	646	541	71	19	428		643	24	0	.264
1938 1939	152 153	86-64 68-85	3.46 4.15	57 53	8 10	15 15	1379.2 1354.0	1406 1537	630 721	531 625	71 70	27 22	432 423		557 464	17 18	3 1	.266 .287
1940	156	78-76	4.36	49	8	24	1388.2	1569	783	673	70	32	492		491	28	4	.283
1941	156	81-73	3.48	71	8	12	1374.1	1392	643	532	66	13	492		410	30	1	.260
1942	151	66-81	3.58	64	13	11	1351.1	1376	631	538	62	13	435		426	21	3	.262
1943 1944	157 158	80-74 90-63	3.08 3.44	74 77	11 10	12 19	1404.0 1414.1	1424 1466	605 662	481 540	44 65	15 17	422 435		396 452	17 12	3 1	.263 .265
1945	155	82-72	3.76	73	8	16	1387.1	1477	686	580	61	19	455		518	17	2	.272
1946	155	63-91	3.72	61	10	6	1370.0	1406	668	566	50	20	561		458	18	0	.268
1947 1948	156 156	62-92 83-71	4.68 4.15	44 65	9 5	13 19	1374.0 1371.2	1488 1373	817 699	715 632	155 120	27 24	592 564		530 543	24 36	2 5	.275 .260
1949	154	71-83	4.13	53	9	15	1356.0	1452	760	688	142	33	535		556	21	1	.276
1950	154	57-96	4.96	42	6	16	1368.2	1472	857	754	152	32	616		556	30	9	.275
1951 1052	155 155	64-90	4.79	40 47	9	22	1380.1	1479	845 707	735 704	157 177	31 27	609		580 564	27	7	.274
1952 1953	155 154	42-112 50-104	4.65 5.22	43 49	5 4	8 10	1363.2 1358.0	1395 1529	793 887	704 788	133 168	27 21	615 577		564 607	30 44	5 4	.266 .285
1954	154	53-101	4.92	37	4	15	1346.0	1510	845	736	128	23	564		525	37	5	.287
1955	154	60-94	4.39	41	5	16	1362.0	1480	767	665	142	26	536	50	622	30	4	.281
1956 1957	157 155	66-88 62-92	3.74 3.88	37 47	8 9	24 15	1376.1 1395.0	1406 1463	653 696	572 601	142 158	20 29	469 421	72 66	662 663	37 26	1 1	.267 .270
1958	154	84-70	3.56	47	10	41	1367.0	1344	607	541	123	29	470	66	679	20 31	2	.270
		78-76	3.90	48	7	17	1393.1	1432	680	604	134	20	418	84	730	43	2	.267

	YE	AF	RLY	TE	ΔM	ΡI	TCI	HING	ST	AT:	3					196	6O-	20	17
	YEAR	G	W-L	ERA	CG	SHO	SV	IP	Н	R	ER	HR	НВ	BB	IBB	SO	WP	BK	AVG
1962 1961 95-68 3.77	1960	155	95-59	3.49	47		33	1399.2	1363	593	543	105		386	61	811	25	1	.257
1963 1962 74-88 3.10 34 16 33 14480 1590 595 488 99 49 457 94 900 42 15 296 1961 1615 997-72 3.50 49 17 72 1479-90 1324 590 495 89 44 469 56 382 53 0 241 1966 162 97-73 3.51 35 12 43 485 485 541 573 150 58 58 485 17 488 1895 1897																			
1964 1962 1962 23.52 42																			
1965 1963 197-2 3.01 49																			
1965 163																			
1988 1658 80-942 274 42 19 30 1487.0 1322 552 455 73 36 485 61 897 51 4 240 1970 162 89-73 370 36 13 43 1453.2 1386 654 597 106 36 625 84 990 53 3 268 1971 162 97-65 331 43 15 48 1461.0 1265 990 577 108 31 470 78 813 37 2 257 1973 162 80-87 37.70 36 18 48 1461.0 1265 592 597 108 31 470 78 813 37 2 257 1973 162 80-87 37.70 36 18 48 1461.0 1265 592 597 108 31 470 78 813 37 2 257 1973 162 80-87 37.70 36 18 48 1461.1 1282 312 442 90 29 433 60 685 689 48 48 69 18 69 18 1974 162 89-74 3.30 48 48 48 48 48 48 48 4																			
1999 162 189-74 3.58 39 9 33 1452 1348 652 580 96 37 553 48 104 33 13 248 1910 162 197-65 3.31 35 148 14512 1386 664 597 106 36 6.55 84 990 37 3.55 1917 162 197-65 3.31 35 148 14610 1426 599 537 108 31 470 78 688 34 2 2 1918 162 189-74 3.58 3 2 2 2 2 2 2 2 1918 162 189-74 3.58 3 3 2 2 2 2 2 2 1918 162 189-74 3.58 3 3 2 2 2 2 2 1918 162 189-74 3.58 3 2 2 2 2 2 1919 162 189-74 3.58 3 2 2 2 2 2 2 2 1918 161 189-73 3.54 3 3 3 3 3 3 3 3 3																			
1971 152 97-65 3.31 43 15 48 14161.0 1426 5999 537 108 31 470 78 813 37 2 257 1973 152 98-59 2.81 39 15 48 14161.1 1282 512 42 90 29 473 60 838 60 839 42 4 258 1974 152 80-92 3.73 26 11 44 14502 1426 693 602 110 40 564 85 839 42 4 258 1975 161 29-69 3.01 45 14 41 1441 14 14 14							33						37					13	
1972 1973 62 98-59 2.81 39 15 48 1414.1 1282 312 442 99 29 453 60 883 34 3 2.45 1974 162 88-74 3.49 51 9 77 1466.0 1428 657 568 33 33 543 81 721 48 12 2.56 1975 161 92-69 3.01 43 14 31 147.1 1902 565 480 79 20 551 102 768 77 11 2.25 1976 162 92-70 3.56 45 12 35 1466.1 1402 503 568 490 49 20 455 45 800 44 12 2.55 1977 162 96-66 361 25 15 39 1481.2 1406 665 594 149 21 485 45 800 44 12 2.52 1978 163 38-64 3.41 24 7 72 1483.1 1424 643 566 525 31 504 77 904 52 9 2.54 1979 163 38-64 3.41 24 7 72 1483.1 1424 643 566 125 31 504 77 904 52 9 2.54 1980 162 83-79 3.38 25 84 45 45 45 45 45 45 4	1970	162		3.70	36	13	43	1453.2	1386	664	597	106	36	625	84	990	35	3	.255
1973 162 80-82 3.73 26 11 44 1490 22 426 693 602 110 40 564 85 899 42 4 2.58 1975 161 92-69 3.01 45 41 31 4451 1302 565 480 79 20 551 102 768 37 11 2.45 1976 162 92-70 3.36 45 12 35 44661 4402 630 548 55 18 460 70 762 26 6 2.55 1978 161 88-73 3.41 3.0 15 44 1442 1366 655 57 548 103 35 548 38 39 42 2 2.59 1978 161 88-73 3.41 30 15 44 1442 1366 655 57 548 103 35 499 61 880 44 12 2.59 1980 162 83-79 3.58 25 8 45 14581 1422 646 550 518 450 102 2.59 1981 103 46-56 3.56 11 5 2.9 942.0 953 4562 2.0 453 496 4.59 4.59 4.59 1982 162 48-78 3.31 9 7 39 4662 434 496 636 570 58 4.59 4.59 4.59 1983 162 84-78 3.31 9 7 39 4662 434 496 638 639 42 2.59 1984 162 75-87 3.11 2.71 3 34 470.0 344 567 508 102 18 2.9 52 51 492 2.2 2.59 1986 162 64-78 3.30 17 9 30 1451.2 1378 648 571 109 18 563 67 106 67 59 4.59 1986 162 64-88 3.30 17 9 30 1451.2 1378 648 571 109 18 563 67 106 67 1987 162 69-62 3.00 3.0 17 9 30 1451.2 1378 648 571 109 18 563 67 106 67 1988 160 67-78 3.11 2.11 46 1402 2.13 39 4662 3.13 37 57 57 3.11 3.0 47 7.90 50 50 50 50 50 50 50																			
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BOLD - Led League

MONTHLY RECORD HOME RUNS ALLOWED (TEAM)

April	August 50 1953
May	September
July 40 1951	

NATIONAL LEAGUE BATTING LEADERS

BATTII	NG AVER	AGE
H. Wagner	381	1900
C. Beaumont	357	1902
H. Wagner	355	1903
H. Wagner	349	1904
H. Wagner	339	1906
H. Wagner	350	1907
H. Wagner	354	1908
H. Wagner	339	1909
H. Wagner	334	1911
P. Waner	380	1927
P. Waner	362	1934
A. Vaughan	385	1935
P. Waner	373	1936
D. Garms	355	1940
D. Groat	325	1960
R. Clemente	351	1961
R. Clemente	339	1964
R. Clemente	329	1965
M. Alou	342	1966
R. Clemente	357	1967
D. Parker	338	1977
D. Parker	334	1978
B. Madlock	341	1981
B. Madlock	323	1983
F. Sanchez	344	2006

ON-BASE PERCENTAGE F. Carroll 486 1889 H. Wagner 423 1904 H. Wagner 408 1907 H. Wagner 415 1908 H. Wagner 420 1909 A. Vaughan 431 1934 A. Vaughan 491 1935 A. Vaughan 453 1936 E. Fletcher 418 1940 E. Fletcher 421 1941 E. Fletcher 417 1942 R. Kiner 452 1951 B. Bonds 410 1991 B. Bonds 456 1992 A. McCutchen 410 2014

SLUGGI	NG PERCEN	TAGE
H. Wagner	572	1900
H. Wagner		1902
F. Clarke	532	1903
H. Wagner	520	1904
H. Wagner	513	1907
H. Wagner	542	1908
H. Wagner		1909
A. Vaughan		1935
R. Kiner		1947
R. Kiner		1949
R. Kiner	627	1951
W. Stargell		1973
D. Parker	541	1975
D. Parker	585	1978
B. Bonds		1990
B. Bonds		1992

	RUNS	
H. Wagner	105	1902
G. Beaumont	137	1903
H. Wagner	103	1906
T. Leach	126	1909
M. Carey	99	1913
K. Cuyler	144	1925
K. Cuyler	113	1926
L. Waner	133	1927
P. Waner	142	1928
P. Waner	122	1934
A. Vaughan	122	1936
A. Vaughan	113	1940
R. Kiner	124	1951
B. Bonds	109	1992

	HITS	
G. Beaumont	194	1902
G. Beaumont	209	1903
G. Beaumont	185	1904
H. Wagner	201	1908
H. Wagner & B. Byrne	178	1910
P. Waner	237	1927
L. Waner	214	1931
P. Waner	217	1934
R. Clemente	211	1964
R. Clemente	209	1967
M. Alou	231	1969
D. Parker	215	1977
A. Van Slyke	199	1992
A. McCutchen	194	2012

DO	UBLES
H. Wagner	451900
H. Wagner	391901
H. Wagner	331902
F. Clarke	321903
H. Wagner	441904
H. Wagner	381906
H. Wagner	381907
H. Wagner	391908
H. Wagner	391909
B. Byrne	431910
P. Waner	501928
P. Waner	631932
M. Alou	41
W. Stargell	43
D. Parker	441977
J. Ray	38
J. Ray	381984
B. Bonilla	441991
A. Van Slyke	45 1992
F. Sanchez	532006

1	TRIPLES	
H. Davis	28	1897
J. Williams	27	1899
H. Wagner	22	1900
H. Wagner	19	1903
F. Clarke	13	1906
H. Wagner	19	1908
O. Wilson	36	1912
M. Carey	17	1914
B. Hinchman	16	1916
B. Southworth		
M. Carey & P. Traynor	19	1923
K. Cuyler	26	1925
P. Waner	22	1926
P. Waner	17	1927
L. Waner	20	1929
A. Comorosky	23	1930
A. Vaughan	19	1933
A. Vaughan		
A. Vaughan	15	1940
J. Barrett	19	1944
G. Bell	12	1951
D. Long	13	1955
B. Virdon	10	1962
R. Clemente	12	1969
O. Moreno	13	1980
A. Van Slyke	15	1988
J. Wilson	12	2004

	HOME RUNS	
T. Leach	6	1902
R. Kiner	23	1946
R. Kiner	51	1947
R. Kiner	40	1948
R. Kiner	54	1949
R. Kiner	47	1950
R. Kiner	42	1951
R. Kiner	37	1952
W. Stargell	48	1971
W. Stargell	44	1973
P. Alvarez	36	2013

т	OTAL BASES	
G. Beaumont	272	1903
H. Wagner	255	1904
H. Wagner	237	1906
H. Wagner	264	1907
H. Wagner	308	1908
H. Wagner	242	1909
P. Waner	338	1927
R. Kiner	361	1947
	340	

WALKS F. Clarke 80 1909 M. Carey 62 1918 M. Carey 80 1922 A. Vaughan 94 1934 A. Vaughan 197 1935 A. Vaughan 118 1936 E. Fletcher 119 1940 E. Fletcher 118 1941 H. Greenberg 104 1947 R. Kiner 117 1949 R. Kiner 137 1951 R. Kiner 110 1952 B. Bonds 127 1992

9	STOLEN BAS	ES
H. Wagner	48	1901
H. Wagner	43	1902
H. Wagner	53	1904
H. Wagner	61	1907
H. Wagner	53	1908
M. Carey	61	1913
M. Carey	36	1915
M. Carey	63	1916
M. Carey	46	1917
M. Carey	58	1918
M. Carey	52	1920
M. Carey	51	1922
M. Carey	51	1923
M. Carey	49	1924
M. Carey	46	1925
K. Cuyler	35	1926
L. Handley	17	1939
J. Barrett	28	1944
F. Taveras	70	1977
O. Moreno	71	1978
O. Moreno	77	1979
	60	
T. Womack	58	1998

RUNS BATTED IN		
H. Wagner	126	1901
H. Wagner	91	1902
J. Nealon	83	1906
H. Wagner	109	1908
H. Wagner	100	1909
O. Wilson	107	1911
H. Wagner	102	1912
P. Waner	131	1927
R. Kiner	127	1949
W. Stargell	119	1973

NATIONAL LEAGUE PITCHING LEADERS

APPE	ARANC	ES
E. Morris	55	1888
P. Hawley	56	1895
F. Killen	52	1896
S. Leever	51	1899
L. Meadows	51	1916
R. Kremer & J. Morrison	41	1924
J. Morrison	44	1925
B. Grimes	48	1928
L. French	47	1932
M. Brown	51	1938
R. Face	68	1956
R. Face	68	1960
K. Tekulve	91	1978
K. Tekulve	94	1979
K. Tekulve	85	1982
S. Torres	94	2006
T. Watson	78	2014

INNI	NGS PITCHE	D
P. Hawley	444	1895
F. Killen	432	1896
S. Leever	379	1899
W. Cooper	327	1921
B. Grimes	331	1928
H. Meine	284	1931
B. Friend	314	1956
B. Friend	277	1957
D. Neagle	209	1995

COMPLETE GAMES		
E. Morris	54	1888
F. Killen	44	1896
F. Killen	38	1897
W. Cooper	27	1922
E. Brame	22	1930
R. Sewell	25	1943

	WINS	
F. Killen	35	1893
F. Killen	30	1896
J. Chesbro	28	1902
W. Cooper	22	1921
R. Kremer & L. Meadows	20	1926
B. Grimes	25	1928
R. Kremer	20	1930
H. Meine	19	1931
R. Sewell	21	1943
B. Friend	22	1958
D. Drabek	22	1990
J. Smiley	20	1991

SHUTOU	JTS	
R. Ehret	4	1893
F. Killen	5	1896
J. Chesbro	6	1901
J. Chesbro	8	1902
S. Leever	7	1903
B. Adams	8	1920
J. Morrison	3	1921
W. Cooper, R. Kremer, E. Yde	4	1924
B. Grimes	4	1928
S. Swetonic	4	1932
C. Blanton & J. Weaver	4	1935
C. Blanton	4	1936
B. Friend	5	1962
S. Blass	5	1971

		STRIKEOUTS	
R.	Waddell	130	1900
P.	Roe	148	1945
В.	Veale	250	1964

	ERA	
R. Waddell	2.37	1900
J. Tannehill	2.18	1901
S. Leever	2.06	1903
R. Kremer	2.61	1926
R. Kremer	2.47	1927
C. Blanton	2.59	1935
B. Friend	2.84	1955
J. Candelaria	2.34	1977

WIN	NING PE	RCENTAG	E
J. Chesbro	21-9	700	1901
J. Chesbro	28-6	824	1902
S. Lever	25-7		1903
S. Leever	20-5		1905
H. Camnitz	25-6		1909
C. Hendrix	24-9		1912
E. Yde	16-3	842	1924
R. Kremer	20-6		1926
R. Face	18-1	947	1959
S. Blass	18-6	750	1968
B. Moose	14-3	824	1969
J. Candelaria	20-5		1977
J. Bibby	12-4	750	1979
J. Bibby	19-6	760	1980
D. Drabek	22-6		1990
J. Smiley	20-8	714	1991

	SAVES	
D. Giusti	30	1971
M. Melancon	51	2015

GENERAL

GAMES PLAYED BY POSITION

	PLAYER	YEARS PLAYED WITH PIRATES	GAMES PLAYED
		FIRST BASE	
	GUS SUHR	1930-1939	1339
	Jake Beckley	1888-1896	1045
	Kevin Young	1992-1995, 1997-2003	1022
	Donn Clendenon	1961-1968	910
	Elbie Fletcher	1939-1943, 1946-1947	897
	DILL MAZEDOGIC	SECOND BASE	200
		2009-2015	
		SHORTSTOP	
	HONUS WAGNER	1900-1917	1887
	Arky Vaughan	1932-1941	138
	Dick Groat	1952, 1955-1962	1242
	Jack Wilson	2001-2009	1128
	Jay Bell	1989-1996	1103
		THIRD BASE	
		1920-1935, 1937	
		1968-1976, 1982-1983	
		1900-1912, 1918	
		1979-1985	
	<u> </u>	<u> </u>	
		OUTFIELD	
	ROBERTO CLEMENTE	1955-1972	2370
	MAX CAREY	1910-1926	2154
	PAUL WANER	1926-1940	2019
		1927-1941, 1944-1945	
		1900-1911, 1913-1915	
		1956-1965, 1968	
		2009-2017	
	-	1962-1982	
	Ginger Beaumont		122
	9		
		1946-1953	
		1916-1926	
i.	* *	1986-1992	
_			
		CATCHER	
		1996-2004	
		1905-1916	
		1967, 1969-1976, 1978-1980	
		1980-1986	
	Walter Schmidt	1916-1924	703

Dave Parker......30 & 117

BATTING CLUBS

	100	DRI	
1007		. RDI	Daha Dahlama (ID) 101
1893	Jake Beckley (1B)	1945	Babe Dahlgren (1B) 101 Bob Elliott (3B - 81 & OF - 61) 108
	Denny Lyons (3B)	1943	Ralph Kiner (OF)
1894	Jake Beckley (1B)	1948	Ralph Kiner (OF)
.00 .	Lou Bierbauer (2B)	1949	Ralph Kiner (OF)
	Jake Stenzel (OF)		Wally Westlake (OF)104
1895	Jake Beckley (1B)110	1950	Ralph Kiner (OF)
1899	Jimmy Williams (3B)116	1951	Ralph Kiner (OF) 109
1900	Honus Wagner (SS)100	1953	Frank Thomas (OF)102
1901	Honus Wagner (SS)126	1958	Frank Thomas (3B) 109
1903	Honus Wagner (SS)101	1961	Dick Stuart (1B) 117
1905	Honus Wagner (SS)101	1965	Willie Stargell (OF)
1908	Honus Wagner (SS) 109	1966	Roberto Clemente (OF) 119
1909	Honus Wagner (SS)100		Willie Stargell (OF)
1911	Owen Wilson (OF)	1967	Roberto Clemente (OF) 110
1912	Honus Wagner (SS)102	1971	Willie Stargell (OF)
1923	Pie Traynor (3B)101	1972	Willie Stargell (1B - 101 & OF - 32) 112
1924	Glenn Wright (SS)	1973	Willie Stargell (OF)
1925	Glenn Wright (SS) 121	1974	Richie Zisk (OF) 100
	Clyde Barnhart (OF)	1975	Dave Parker (OF)101
	Pie Traynor (3B)	1977	Bill Robinson (OF)104
	Kiki Cuyler (OF)	1978	Dave Parker (OF)
1927	Paul Waner (OF)	1982	Jason Thompson (1B)
	Pie Traynor (3B)	1988	Bobby Bonilla (3B) 100
1000	Glenn Wright (SS)	1000	Andy Van Slyke (OF) 100
1928	Pie Traynor (3B)	1990	Bobby Bonilla (OF)
1929	Pie Traynor (3B)	1001	Barry Bonds (OF)
1070	Paul Waner (OF)	1991	Barry Bonds (OF)
1930	Pie Traynor (3B)	1992	Bobby Bonilla (OF - 104 & 3B - 67) 100 Barry Bonds (OF)
	Gus Suhr (1B)	1996	Jeff King (1B - 92 & 2B - 71)111
1931	Pie Traynor (3B)	1998	Kevin Young (1B)
1934	Gus Suhr (1B)	1999	Brian Giles (OF)
1936	Gus Suhr (1B)		Kevin Young (1B)106
	Bill Brubaker (3B)	2000	Brian Giles (OF)
1938	Johnny Rizzo (OF)		Aramis Ramirez (3B)112
1940	Maurice Van Robays (OF) 116		Brian Giles (OF)
	Elbie Fletcher (1B) 104		Jason Bay (OF)
1941	Vince DiMaggio (OF) 100		Jason Bay (OF) 109
1943	Bob Elliott (3B) 101		Pedro Alvarez (3B) 100
1944	Bob Elliott (3B) 108	:	
	200	HITS	5
1899	Jimmy Williams (3B) 219	1931	Lloyd Waner (OF) 214
1900	Honus Wagner (OF)	1932	Paul Waner (OF)
1903	Ginger Beaumont (OF) 209	1934	Paul Waner (OF)
1908	Honus Wagner (SS) 201	1935	Woody Jensen (OF)203
1921	Carson Bigbee (OF)204	1936	Paul Waner (OF)
1921	Carson Bigbee (OF)	1930	Paul Waner (OF)
	Max Carey (OF)207	1961	Roberto Clemente (OF) 201
1923		:	
	Pie Traynor (3B)	1964 1966	Roberto Clemente (OF)211
1925	Kiki Cuyler (OF)		Roberto Clemente (OF)202
1927	Paul Waner (OF)	1967	Roberto Clemente (OF) 209
1000	Lloyd Waner (OF)	1969	Matty Alou (OF)
1928	Paul Waner (OF)	1970	Matty Alou (OF)
	Lloyd Waner (OF)	1977	Dave Parker (OF)
1929	Lloyd Waner (OF)234	:	Jack Wilson (SS)
	Paul Waner (OF)200	2006	Freddy Sanchez (INF) 200
1930	Paul Waner (OF) 217	:	
	30 HOMER	S/10	O RBI
1947	Ralph Kiner	1982	Jason Thompson 31 & 101
1948	Ralph Kiner 40 & 123	1990	Barry Bonds
1949	Ralph Kiner 54 & 127		Bobby Bonilla 32 & 120
1950	Ralph Kiner	1992	Barry Bonds
1951	Ralph Kiner	1992	Jeff King
	Frank Thomas	:	Brian Giles
1953	Frank Thomas	1999	
1958 1961		2000	
	Dick Stuart	2001	
1966 1971	Willie Stargell	2001 2002 2005	Brian Giles

2013 Pedro Alvarez 36 & 100

20 HOMERS/20 SB

1978	Dave Parker
1979	Dave Parker25 & 20
1987	Barry Bonds25 & 32
	Andy Van Slyke
1988	Andy Van Slyke
1990	Barry Bonds33 & 52
1991	Barry Bonds35 & 43
1992	Barry Bonds34 & 39
1999	Al Martin24 & 20
	Kevin Young26 & 22
2005	Jason Bay 32 & 21
2008	Nate McLouth
2011	Andrew McCutchen 23 & 23
2011	Andrew McCutchen 31 & 20
2013	Andrew McCutchen 21 & 27

30 HOME RUNS

1947	Ralph Kiner (OF)
1948	Ralph Kiner (OF) 40
1949	Ralph Kiner (OF) 54
1950	Ralph Kiner (OF) 47
1951	Ralph Kiner (OF) 42
1952	Ralph Kiner (OF)
1953	Frank Thomas (OF) 30
1958	Frank Thomas (3B)
1961	Dick Stuart (1B)
1966	Willie Stargell (OF)
1970	Willie Stargell (OF)
1971	Willie Stargell (OF) 48
1972	Willie Stargell (1B-OF)
1973	Willie Stargell (OF) 44
1978	Dave Parker (OF)
1979	Willie Stargell (1B)
1982	Jason Thompson (1B) 31
1990	Barry Bonds (OF)
	Bobby Bonilla (OF) 32
1992	Barry Bonds (OF)
1996	Jeff King (1B-2B) 30
1999	Brian Giles (OF) 39
2000	Brian Giles (OF)
2001	Brian Giles (OF)
	Aramis Ramirez (3B)34
2002	Brian Giles (OF)
2003	Reggie Sanders (OF)31
2005	Jason Bay (OF)
2006	Jason Bay (OF)
2012	Andrew McCutchen (OF)
	Pedro Alvarez (3B) 30
2013	Pedro Alvarez (3B)

30 HOMERS/30 SB

30 HOMERS/50 SB

		TEN 2	B/3B/	HR IN	A SIN	GLE SEAS	ON		
YEAR	PLAYER	2B	3B	HR	YEA	R PLAYER	2B	3B	HR
892 894	Jake Beckley				1951 1955	Gus Bell Dale Long			
908 911 912 913 922 923 925	Honus Wagner . Owen Wilson . Owen Wilson . Owen Wilson . Max Carey . Pie Traynor . Kiki Cuyler . Glenn Wright .	39 34 19 12 28 19 43 32	19 12 36 14 12 19 26	10 12 11 10 10 12 18	1956 1961 1965 1966 1967 1968 1969	Roberto Cleme Roberto Cleme Donn Clendend Roberto Cleme Donn Clendend Roberto Cleme Roberto Cleme Roberto Cleme	ente .30 ente .31		11 23 10 14 29 28 23
929 930	Paul Waner George Granthar Adam Comorosk George Granthar Gus Suhr	n . 23 y . 47 n . 34	10 23	12	1970 1974 1975 1976	Roberto Cleme Al Oliver Dave Parker Dave Parker	ente . 22	10 12	14
933 934	Gus Suhr Paul Waner Arky Vaughan Gus Suhr	32 41	16 11	14	1977 1978 1987 1988	Phil Garner Dave Parker Andy Van Slyk Andy Van Slyk	32 e 36	12	30
935 936 941	Paul Waner Arky Vaughan Gus Suhr Woody Jensen . Gus Suhr Elbie Fletcher	34 33 34	10 12 10	19 10 10 11	1989 1992 2004 2013	Bobby Bonilla Andy Van Slyk Jack Wilson Starling Marte	e 45 41	12	14

PIRATES WHO PLAYED AS TEENAGERS (29)

1944 Bob Elliott 28 16 10

PLAYER	POS	DEBUT	AGE
Ramirez, Aramis	INF	May 26, 1998	19 years, 11 mos., 1 day
Dilone, Miguel	OF	September 2, 1974	19 years, 10 mos.
Moose, Bob	P	September 19, 1967	19 years, 11 mos.
Bailey, Bob	INF	September 14, 1962	19 years, 11 mos.
Mazeroski, Bill	INF	July 7, 1956	19 years, 10 mos.
Swanson, Red	P	September 10, 1955	18 years, 11 mos.
Koback, Nick	C	July 29, 1953	18 years, 10 days
Bell, Bill	P	September 5, 1952	19 years, 11 mos.
Walls, Lee	OF	April 21, 1952	19 years, 3 mos.
Bartirome, Tony	INF	April 19, 1952	19 years, 11 mos.
Waugh, Jim	P	April 19, 1952	18 years, 5 mos.
Del Greco, Bobby	OF	April 16, 1952	19 years, 9 days
Pettit, Paul	P	May 4, 1951	19 years, 6 mos.
Koski, Bill	P	April 28, 1951	19 years, 2 mos.
Coogan, Dale	INF	April 22, 1950	19 years, 8 mos.
Wise, Roy	P	May 13, 1944	19 years, 6 mos.
Gustine, Frank	INF	Sepptember 13, 1939	19 years, 11 mos.
Clemensen, Bill	P	May 22, 1939	19 years, 11 mos.
Bartell, Dick	INF	October 2, 1927	19 years, 11 mos.
Cronin, Joe	INF	April 29, 1926	19 years, 6 mos.
Brickell, Fred	OF	August 19, 1926	19 years, 9 mos.
Wisner, Jack	P	September 12, 1919	19 years, 10 mos.
Hill, Carmen	P	August 24, 1915	19 years, 10 mos.
Berger, Clarence	OF	September 23, 1914	19 years, 10 mos.
Leonard, Joe	INF	May 7, 1914	19 years, 6 mos.
Mamaux, Al	P	September 23, 1913	19 years, 4 mos.
Blackburn, Earl	C	September 17, 1912	19 years, 10 mos.
Keen, Bill	INF	August 8, 1911	18 years, 11 mos., 22 days
Maxwell, Bert	P	September 12, 1906	19 years, 11 mos.

OPS

2017

LOCAL AWARD WINNERS

THE ROBERTO CLEMENTE AWARD - TEAM MVP

The Pittsburgh Chapter of the Baseball Writers Association of America selects the recipient of the local Roberto Clemente Award each year, with the award going to the Pirate who most exemplifies the standard of excellence established by Hall-of-Fame outfielder Roberto Clemente.

1973Willie Stargell	1996 Jeff King
1974	1997 Tony Womack & Kevin Young
1975 Dave Parker	1998 Jason Kendall
1976 Bill Robinson	1999
1977 Dave Parker	2000 Brian Giles
1978 Dave Parker	2001 Aramis Ramirez
1979Willie Stargell	2002 Mike Williams
1980 Mike Easler	2003 Reggie Sanders
1981Bill Madlock	2004 Jack Wilson
1982 Jason Thompson	2005 Jason Bay
1983 Tony Pena	2006 Freddy Sanchez
1984 Lee Lacy	2007Freddy Sanchez
1985 Rick Reuschel	2008 Nate McLouth
1986 Johnny Ray	2009Andrew McCutchen
1987 Andy Van Slyke	2010 Neil Walker
1988 Andy Van Slyke	2011Joel Hanrahan
1989 Bill Landrum	2012 Andrew McCutchen
1990 Doug Drabek	2013 Andrew McCutchen
1991 Barry Bonds	2014 Andrew McCutchen
1992 Andy Van Slyke	2015 Andrew McCutchen
1993 Jay Bell	2016 Starling Marte
1994	2017 Andrew McCutchen
1995 Orlando Merced	

THE CHUCK TANNER AWARD

Created in 2006, the award goes to the player who is most cooperative with the media.

2006Jack Wilson
2007Adam LaRoche
2008 Jason Bay
2009Jack Wilson
2010 Evan Meek
2011 Neil Walker
2012
2013 Neil Walker
2014 Neil Walker
2015 Jared Hughes
2016 Jared Hughes
2017 Jordy Mercer

STEVE BLASS AWARD

Created in 2012 by the local chapter of the BBWAA, the award goes to the Pirates top pitcher. 2012 A.J. Burnett 2013 Francisco Liriano 2014 Tony Watson 2016 Jameson Taillon 2017 Felipe Rivero

THE FRED HUTCHINSON AWARD

Presented annually at the Dapper Dan Awards Banquet in Pittsburgh, the award goes to the major leaguer who overcomes a form of adversity and who exemplifies the character and fighting spirit of the former major league pitcher and manager.

1978	Stargell
1984Don R	obinson
1985 Rick F	Reuschel
1990 Si	d Bream

BBWAA AWARD WINNERS

N.L. MOST VALUABLE PLAYER CITATION

1927 Paul Waner

NATIONAL LEAGUE CY YOUNG AWARD

1960

N.L. MANAGER OF THE YEAR AWARD

1990
1992
2013

NATIONAL LEAGUE ROOKIE OF THE YEAR

2004..... Jason Bay

NATIONAL LEAGUE MVP AWARD (Since 1931)

1966 Roberto Clemente 1990 Barry Bonds

N.L. COMEBACK PLAYER OF THE YEAR

2013 Andrew McCutchen

2013 Francisco Liriano

THE SPORTING NEWS AWARDS

N.L. MOST VALUABLE PLAYER

935			Arkı	/ Vaughan
-----	--	--	------	-----------

N.L. PLAYER/PITCHER OF THE YEAR

1950
1960 Dick Groat
1960
1966 Roberto Clemente
1978 Dave Parker
1988
1990 Barry Bonds
1990 Doug Drabek
1991Barry Bonds
1992 Barry Bonds

N.L. COMEBACK PLAYER OF THE PLAYER

55 Vernon Law
78Willie Stargel
35 Rick Reusche
13 Francisco Liriano

N.L. FIREMAN OF THE YEAR

1962 EIRo	y Face
1964	1cBean
1971Dave	e Giusti

ROOKIE PLAYER OF THE YEAR

1982	Johnny Ray
1996	Jason Kendall
2004	lason Bay

MAJOR LEAGUE MANAGER OF THE YEAR

1	960	 Danny Murtaugh
2	013	 Clint Hurdle

	ľ	٧.	L	ľ	И.	Α	ľ	N,	Α	C	5	Ε	R	2	C	F	Ξ	٦	I	Н	E		Y	Е	A	١F	3			
1948	 																								В	ill	У	Μe	eye	er
1960	 																				. 1	D	ar	nn	У	Μ	lui	ta	ug	ıh
1970	 																				. 1	D	ar	nn	У	Μ	lui	rta	ug	ıh
1988	 																					Jir	m	L	e	/la	an	d (tie	9)
1990	 																								Jir	n	L	eyl	an	d
1992	 																								Jir	n	L	eyl	an	d

MAJOR LEAGUE EXECUTIVE OF THE YEAR

1958	 	Joe L. Brown
1997	 	Cam Bonifay

MAJOR LEAGUE PLAYER OF THE YEAR

1960
1979Willie Stargell
1990

MAN OF THE YEAR

1070		Willia Stargoll
19/9 .	 	wille Stargell

ROOKIE PITCHER OF THE YEAR

1978	 	Don Robinson
1987	 	Mike Dunne
1992	 	Tim Wakefield



2017 REVIEW

MAJOR LEAGUE BASEBALL AWARDS

			PLAYER OF THE WEEK		
1974	Ken BrettMay27-June 2	1985	Bill Madlock August 12-18	:	Craig WilsonSeptember 8-14
974	Richie Zisk (tie) August 12-18	1900	Johnny RaySept. 20-October 6	2004	Rob Mackowiak (tie) May 24-30
	Al Oliver (tie)	1986	Johnny RayApril 7-13	2004	· · · · · ·
	Rennie Stennett September 23-29	1986	Rick ReuschelJuly 20-26	2005	Daryle Ward (tie) May 24-30
075	•	1987	-		Jason Bay August 8-14
1975	Manny Sanguillen		Doug Drabek August 24-30	2006	Craig Wilson
	Al OliverJune 30-July 6		Bobby Bonilla September 7-13		Jason Bay (tie)May 15-2
	Jerry Reuss September 1-7	1988	Barry Bonds		Jason Bay
	Rennie Stennett September 15-21		Mike LaValliere April 18-24		Jose CastilloMay 29-June 4
976	Al Oliver June 7-13		Sid Bream (tie) June 20-26	2007	Jason Bay May 21-27
	John Candelaria August 9-15	1989	Jose LindJune 12-18		Tom Gorzelanny (tie) August 6-12
	Larry DemeryAugust 30-Sept. 5	1990	Barry Bonds April 23-2		Jack Wilson September 3-9
1977	Wille Stargell May 2-8		Doug Drabek September 3-9	2008	Xavier Nady March 31-April 6
	Phil Garner July 4-10	1991	Barry Bonds (tie) July 11-14		Ryan Doumit June 9-15
	Dave Parker July 18-24		Randy TomlinJuly 15-21	2010	Pedro Alvarez September 20-26
	John Candelaria Sept. 22-October 2		Bobby Bonilla August 12-18	2011	Jeff Karstens July 14-17
1978	Don Robinson April 24-30	1992	Andy Van Slyke May 4-10	2012	Andrew McCutchen July 2-8
	John MilnerJune 19-25		Barry Bonds August 31-Sept. 6		Andrew McCutchen July 13-15
	Dave Parker	1996	Jeff King April 29-May 5		A.J. Burnett July 30-Aug 5
	Ed Ott August 28-Sept. 3		Danny Darwin June 3-9		Pedro Alvarez Aug 27-Sept 2
	Dave Parker (tie)September 11-17		Jay Bell September 16-22	2013	Russell Martin April 22-28
	Phil Garner (tie)September 11-17	1997	Francisco Cordova July 10-13		Pedro Alvarez June 17-23
1979	John MilnerApril 9-15	1998	Jason KendallAugust 10-16		Francisco Liriano July 29-Aug. 4
	Phil Garner July 16-22	1999	Brian Giles May 3-9	2014	Andrew McCutchen June 9-15
1980	Mike Easler June 9-15		Kevin YoungJuly 12-18		Andrew McCutchen July 7-13
1981	Jim Bibby May 18-24		Brian Giles August 30-Sept. 5	2015	Andrew McCutchen May 18-24
1982	Jason Thompson April 26-May 2	2000	Brian GilesMay 1-7		Andrew McCutchen August 3-9
	Jason ThompsonMay 3-9		Brian Giles (tie) August 14-20	2016	Jung Ho Kang September 5-1
	Tony PenaJune 28-July 4	2001	Aramis RamirezApril 30-May 6		Sean Rodriguez (tie) . September 12-18
	John CandelariaJuly 19-25		Todd RitchieJune 11-17	2017	Andrew McCutchen Sept. 25-October
1983	Jose DeLeon July 25-31	2002	Craig WilsonJune 10-16		
1984	Johnny Ray August 6-12	2002	Adam Hyzdu July 15-21		
1504	Johnny Ray September 17-23	2003	Reggie Sanders March 31-April 6		
DI.	TCHER OF THE MONTH		PLAYER OF	THE	MONTH
	Kent TekulveAugust	1059	Frank Thomas June :	–	
				1300	•
1982	John Candelaria July	1959	Harvey Haddix (tie) May		Bobby Bonilla May

1978	Kent TekulveAugust
1982	John Candelaria July
1986	Rick Rhoden June
1987	Doug DrabekAugust
1990	Doug Drabek (tie) July
	Doug DrabekAugust
1992	Randy Tomlin June
2015	Gerrit Cole April
2017	Ivan Nova April

The N.L. Player-of-the-Month Award included the pitchers until the N.L. Pitcher-of-the-Month Award was created in 1975.

MLB DELIVERY MAN OF THE MONTH

2005	Jose Mesa April
2011	Joel Hanrahan June
2013	Jason Grilli April
	Jason Grilli May

ROOKIE PLAYER/PITCHER

	OF THE MONTH
2004	Jason BayJune
	Jason Bay July
	Jason Bay September
2005	Zach Duke July
	Zach Duke August
2009	Garrett Jones July
2010	Pedro Alvarez September
2013	Gerrit Cole September
2015	Jung Ho Kang July

1958	Frank Thomas June	,
1959	Harvey Haddix (tie)May	
	Roy Face June	
1960	Roberto Clemente May	
1965	Vern Law (tie)June	
	Willie Stargell (tie) June	
1967	Roberto Clemente May	
1968	Steve Blass September	
1969	Roberto Clemente July	
1971	Willie Stargell April	
	Willie Stargell June	
1976	Al OliverJune	
1978	Dave Parker August	
	Dave ParkerSeptember	
1986	Johnny Ray April	

	Boddy Bonilla May
1989	Bobby Bonilla September
1990	Bobby Bonilla April
	Barry Bonds July
1991	Barry Bonds July
1992	Barry Bonds April
	${\sf Barry\ Bonds.} \ldots {\sf September}$
2006	Jason Bay May
2012	Andrew McCutchen June
	${\sf Andrew\ McCutchenJuly}$
2014	Andrew McCutchen June
	${\sf Josh\ Harrison\ } \ldots \ldots {\sf August}$
2015	$\hbox{Andrew McCutchen}.\dots\hbox{August}$
2017	Andrew McCutchen June

SILVER SLUGGER AWARD

1982	Don Robinson
1983	Johnny Ray 2B
1984	Rick Rhoden
1985	Rick Rhoden
1986	Rick Rhoden
1988	Bobby Bonilla 3B
	Andy Van Slyke OF
1990	Bobby Bonilla OF
	Barry BondsOF
1991	Bobby Bonilla OF
	Barry Bonds OF

1992	Barry BondsOF
	Andy Van Slyke OF
1993	Jay Bell SS
2004	Jack Wilson SS
2012	Andrew McCutchen OF
2013	Pedro Alvarez 3E
	Andrew McCutchen OF
2014	Neil Walker 2E
	Andrew McCutchen OF
2015	Andrew McCutchen OF

GENERAL

ROBERTO CLEMENTE AWARD

The Roberto Clemente Award is given annually to the Major League Baseball player who "best exemplifies the game of baseball, sportsmanship, community involvement and the individual's contribution to his team," as voted on by baseball fans and members of the media. Originally known as the Commissioner's Award, it has been presented by MLB since 1971. In 1973, the award was renamed after Clemente following his death in a plane crash while delivering supplies to victims of the Nicaragua earthquake on 12/31/72. Each year, a panel of baseball dignitaries selects 1 player from 30 nominees, one from each club. Teams choose their nominee during the regular season, and the winner is announced at the World Series.

TREVOR HOFFMAN AWARD

Beginning in 2014, the Trevor Hoffman Award has been given to the N.L. Relief Pitcherof-the-Year.

WILSON DEFENSIVE PLAYER OF THE YEAR AWARD

Created in 2012, the Wilson Defensive Player of The Year Award was given to one player on each team annually in 2012 and 2013 and one overall Defensive Player of The Year was selected from each league each year as well. Below are the two yearly Pittsburgh recipients.

WILSON DEFENSIVE PLAYER OF THE YEAR AWARD

Beginning in 2014, the Wilson Defensive Player of The Year Award was given to the best overall fielder at each position in the Major Leagues.

2014 Russell Martin (C) 2015 Starling Marte (LF)

MLBPA HEART & HUSTLE AWARD

Created by the Major League Baseball Players Alumni Association, the Heart & Hustle Award is voted on by Alumni and active Major League players and is presented annually to an active player who demonstrates a passion for the game of baseball and best embodies the values, spirit and traditions of the game. Listed below are the previous Pittsburgh winners (bold reflects the national winner).

2006 Jason Bay	2012 Andrew McCutchen
2007Jack Wilson	2013 Andrew McCutchen
2008 Matt Capps	2014 Josh Harrison
2009Ryan Doumit	2015 Tony Watson
2010 Neil Walker	2016 David Freese
2011 Neil Walker	2017 Adam Frazier

PIRATES GOLD GLOVE AWARD WINNERS

NUMBER	PLAYER	POSITIO	N YEAR(s)	NUMBER	PLAYER	POSITION	YEAR(s)
12	Roberto Clemente	e OF	1961-1972	1	Jay Bell	SS	1993
8	Bill Mazeroski	2B	1958, 1960-1961,	1	Mike LaValliere	С	1987
			1963-1967	1	Jose Lind	2B	1992
5	Andy Van Slyke	OF	1988-1992	1	Andrew McCutch	nen CF	2012
3	Barry Bonds	OF	1990-1992	1	Nate McLouth	OF	2008
3	Dave Parker	OF	1977-1979	1	Rick Reuschel	Р	1985
3	Tony Pena	С	1983-1985	1	Bill Virdon	OF	1962
2	Gene Alley	SS	1966-1967	1	Bobby Shantz	Р	1961
2	Harvey Haddix	Р	1959-1960				
2	Starling Marte	LE	2015-2016	•			

017	(1)	Josh Harrison (INF)	1971	(4)	Roberto Clemente (OF), Dock Ellis (P)
016	(2)	Starling Marte (OF), Mark Melancon (P)			Manny Sanguillen (C), Willie Stargell (OF
015	(4)	A.J. Burnett (P), Gerrit Cole (P),	1970	(1)	Roberto Clemente (OF
		Andrew McCutchen (OF), Mark Melancon (P)	1969	(2)	Matty Alou (OF), Roberto Clemente (OF
014	(3)	Josh Harrison (OF), Andrew McCutchen (OF),	1968	(2)	Gene Alley (SS), Matty Alou (OF
		Tony Watson (P)	1967	(3)	Gene Alley (SS), Roberto Clemente (OF)
013	(5)	Pedro Alvarez (3B), Jason Grilli (P), Jeff Locke (P),		.,	Bill Mazeroski (2B
	.,	Mark Melancon (P), Andrew McCutchen (OF)	1966	(3)	Roberto Clemente (OF), Willie Stargell (OF)
012	(2)	Joel Hanrahan (P), Andrew McCutchen (OF)		.,	Bob Veale (P
)11	(3)	Kevin Correia (P), Joel Hanrahan (P),	1965	(3)	Roberto Clemente (OF), Willie Stargell (OF)
	(3)	Andrew McCutchen (OF)	.505	(3)	Bob Veale (P
010	(1)	Evan Meek (P)	1964	(4)	Smoky Burgess (C). Roberto Clemente (OF)
009	(2)	Zach Duke (P), Freddy Sanchez (INF)	1501	(1)	Bill Mazeroski (2B), Willie Stargell (OF
08	(1)	Nate McLouth (OF)	1963	(2)	Roberto Clemente (OF), Bill Mazeroski (2B
007	(1)	Freddy Sanchez (INF)	1962	(3)	Roberto Clemente (OF), Dick Groat (SS)
006	(2)	Jason Bay (OF), Freddy Sanchez (INF)	1302	(3)	Bill Mazeroski (2B
)05	(1)	Jason Bay (OF), Freddy Sanchez (MY) Jason Bay (OF)	1961	(4)	Smoky Burgess (C), Roberto Clemente (OF)
)03)04			1901	(4)	
	(1)	Jack Wilson (SS)	1060	(0)	EIRoy Face (P), Dick Stuart (IB
)03	(1)	Mike Williams (P)	1960	(8)	Smoky Burgess (C), Roberto Clemente (OF)
002	(1)	Mike Williams (P)			ElRoy Face (P), Bob Friend (P) , Dick Groat (SS)
)01	(1)	Brian Giles (OF)	1050	(1)	Vernon Law (P), Bill Mazeroski (2B), Bob Skinner (OF
000	(2)	Jason Kendall (C) , Brian Giles (OF)	1959	(4)	Smoky Burgess (C), ElRoy Face (P)
99	(1)	Ed Sprague (3B)	****		Dick Groat (SS), Bill Mazeroski (2B
98	(1)	Jason Kendall (C)	1958	(4)	Bob Friend (P), Bill Mazeroski (2B)
97	(1)	Tony Womack (2B)			Bob Skinner (OF), Frank Thomas (3B
96	(1)	Jason Kendall (C)	1957	(1)	Henry Foiles (C
95	(1)	Denny Neagle (P)	1956	(2)	Bob Friend (P), Dale Long (1B
94	(1)	Carlos Garcia (2B)	1955	(1)	Frank Thomas (OF
93	(2)	Jay Bell (SS), Andy Van Slyke (OF)	1954	(1)	Frank Thomas (OF
92	(2)	Barry Bonds (OF), Andy Van Slyke (OF)	1953	(1)	Murry Dickson (P
91	(2)	Bobby Bonilla (OF), John Smiley (P)	1952	(1)	Ralph Kiner (OF
90	(3)	Bobby Bonilla (OF), Barry Bonds (OF),	1951	(1)	Ralph Kiner (OF
		Neal Heaton (P)	1950	(1)	Ralph Kiner (OF
189	(1)	Bobby Bonilla (3B)	1949	(1)	Ralph Kiner (OF
88	(3)	Bobby Bonilla (3B), Andy Van Slyke (OF),	1948	(3)	Frank Gustine (3B), Ralph Kiner (0F)
		Bob Walk (P)			Elmer Riddle (P
87	(1)	Rick Reuschel (P)	1947	(1)	Frank Gustine (3B
86	(2)	Rick Rhoden (P), Tony Pena (C)	1946	(2)	Frank Gustine (3B), Rip Sewell (P
85	(1)	Tony Pena (C)	1945		ame Was Played
84	(1)	Tony Pena (C)	1944	(4)	Vince DiMaggio (OF), Bob Elliott (3B)
83	(1)	Bill Madlock (3B)		(.)	Rip Sewell (P), Frank Zak (SS
182	(2)	Tony Pena (C), Jason Thompson (1B)	1943	(3)	Vince DiMaggio (OF), Rip Sewell (P)
181	(4)	Mike Easler (OF), Phil Garner (2B),	כדכו	(3)	Elbie Fletcher (18
01	(4)	Bill Madlock (3B), Dave Parker (0F)	1942	(1)	Bob Elliott (3B
80	(4)	Jim Bibby (P), Phil Garner (2B),	1941	(3)	Bob Elliott (3B), Al Lopez (C)
00	(4)	Dave Parker (0F) , Kent Tekulve (P)	ודיכו	(3)	Arky Vaughan (SS
70	(1)		10.40	(1)	
79 70	(1)	Dave Parker (OF) Willio Stargoll (1P)	1940	(1)	Arky Vaughan (SS
78 77	(1)	Willie Stargell (1B)	1939	(1)	Arky Vaughan (SS
77	(3)	John Candelaria (P), Dave Parker (OF) ,	1938	(3)	Mace Brown (P), Arky Vaughan (SS)
7.	(1)	Rich Gossage (P)	1077	(7)	Lloyd Waner (OF
76	(1)	Al Oliver (OF)	1937	(3)	Cy (Darrell) Blanton (P), Arky Vaughan (3B
75	(3)	Al Oliver (OF), Jerry Reuss (P),	10	(2)	Paul Waner (OF
		Manny Sanguillen (C)	1936	(2)	Gus Suhr (1B), Arky Vaughan (SS
74	(1)	Ken Brett (P)	1935	(2)	Arky Vaughan (SS) , Paul Waner (OF
73	(2)	Dave Giusti (P), Willie Stargell (1B)	1934	(3)	Pie Traynor (3B), Arky Vaughan (SS)
72	(5)	Steve Blass (P), Roberto Clemente (OF),			Paul Waner (OF
		Al Oliver (OF), Manny Sanguillen (C),	1933	(2)	Pie Traynor (3B), Paul Waner (0F
		Willie Stargell (OF)			• • • • • • •

Starters in Bold Rookies in Italics

From 1959 to 1962, there were two All-Star Games, but sometimes players only participated in one of the games.

OPENING DAY LINEUPS

1900

CF Beaumont LF Clarke **3**B Williams

RF Wagner SS Ely

2B Ritchey 1R Dillon

С Zimmer

Р Leever

1905

RF Clymer ΙF Clarke CF Reaumont

SS Wagner

1B Clancy

3B Leach 2B Ritchev

С Peitz Flaherty

1910

3B Byrne CF Leach

LF Clarke SS Wagner 2B Miller

1R Shape RF Wilson

С Gibson Camnitz

1915

ΙF Carey 1B Johnston

Viox **7**R 2B Wagner

RF Hinchman

LeJeune CF Gerher

SS С Gibson Ρ McQuillan

1920

LF Bigbee CF Carey RF Southworth

3B Whitted 2B Cutshaw

1R Grimm

SS Caton

С Clarke

Adams

1925 LF Bigbee

CF Carev 2B Moore

3B Traynor

RF

Cuyler Grantham 18

55 Wright

Smith

P Yde

1930

Brickell

Grantham 2B RF P. Waner

LF Comorosky

1B Suhr

SS Bartell

CHemsley

3В Engle

Р Brame

1901

LE Clarke

CF Beaumont

Wagner

1R Bransfield 2R Ritchev

3B Leach Elv

С O'Connor Leever

1906

LF Clarke CF Ganley RF Clymer

SS Wagner

1B Nealon 3B Sheehan

2B Ritchey C. Gibson

Willis

1911

D

3B Byrne CF Leach

LF F. Clarke

SS Wagner

2B Miller 1R

Hunter RF Wilson

C. Gibson

Adams

1916

1B Johnston Carev

1 F CF Baird

1R Hinchman Wagner

2B 3R Viov

SS Smith

С Wilson

Kantlehner

1921 ΙĒ Bigbee

CF Carey SS Maranville

3В Barnhart

RF Whitted 2B Tierney

1B Grimm

С Schmidt

Adams

1926 2B Moore

LF Bigbee CF Cuyler

SS Wright ZR

Traynor RE Barnhart

1B Grantham

Smith C.

Aldridae

CF

2B

1931 L. Waner Grantham

RF P. Waner 3B

Travnor

LE Comorosky 1B Suhr Thevenow SS

Hemsley P French

1902

RF Davis LF Clarke

CF Beaumont

SS Wagner 1B Bransfield

2B Ritchey

3В Leach

O'Connor С P

Phillippe

1907 Anderson CF

Hallman RF LF Clarke

SS Wagner 2B Abbaticchio

1B Nealon 3B Leach

С Gibson Р Phillippe

1912

3B Byrne

ΙF Carey RF Donlin

SS Wagner 1B Miller

Wilson CF 2B McCarthy

С Gibson Adams

1917

ΙF Bigbee CF Carey

RF Schulte 1B Hinchman

3В Baird

Ward SS McCarthy 2R Schmidt Jacobs

С

1922 2B Stewart ΙF

Carey SS Maranville CF Bigbee

Traynor 3B RF Mokan

1B Grimm

С Gooch

Cooper

1927 1R Grantham

LF L. Waner CF Cuyler RF P. Waner

Wright 55

3B Traynor 2B Rhyne

Smith C.

Kremer

1932 CF L. Waner

RF P. Waner ΙF Comorosky

3B Traynor 1B Suhr Piet

2B

SS

Grace Р Swift

Thevenow

1903

CF Beaumont ΙF

Clarke 3В Leach

SS Wagner 1B Bransfield Sehring

RF 2B Ritchey C Phelps

Doheny

1908

RF Moeller 3B

Leach LF Clarke

CF Wilson 2B Abbaticchio

1B Swacina SS Starr Gibson

Р Camnitz

1913 ΙF Carey

CF Hofman 3В Byrne SS Viox

1B Miller RF Wilson 2B Butler

С Gibson Adams

1918

SS Caton 1B Mollwitz

Carey CF RF Stengel

2B Cutshaw

LF Kina 3B McKechnie Schmidt

Cooper

1923

SS Maranville CF Carey

LF Bigbee

RF Russell

2B Tierney

3B Traynor Grimm 1B

С Gooch Boehler

1928

CF L. Waner 2B Adams

RF P. Waner SS Wright

ZR Traynor

1B Grantham Barnhart Smith Kremer

RF

C

1933 LF L. Waner CF Lindstrom

P. Waner 3B Traynor 1B Suhr SS Vaughan Piet

2B Grace Swift

1904 ΙF

Beaumont CE Clarke

1900-1934

3B Leach SS Wagner

1B Bransfield RF Sehring 2B Ritchey C. Phelps

Phillippe

1909

CF Miller 3B

Leach Clarke

Wagner SS 2B Abbaticchio

1B Abstein

Wilson RF

Gibson Ć. P Campitz

1914

ΙF Carey CF Kelly

3B Mowrey SS Wagner

1B Konetchy 2R Viox

RF Mitchell C. Gibson

Adams

1919 SS

Caton CF Carey RE

Stengel LF Southworth

2B Cutshaw 3B Boeckel

1R Mollwitz С Schmidt

Cooper

1924

2B Maranville CE Carey

ΙF Bigbee

3В Traynor

RF Barnhart SS Wright

Grimm 1B Schmidt

C. Cooper

RF

1B

1929

SS Adams CF L. Waner P. Waner

3B Traynor Grantham ΙF Sheely

2B Bartell С Grimes

Hargreaves

1934

RE P. Waner

Traynor Vaughan

CF L. Waner Lindstrom

55

2B Lavagetto Grace

1B Suhr

Meine

ES

RATE

HISTORY

OPENING DAY LINEUPS

1935-1969

193	5
CF	L. Waner
RF	P. Waner
I F	Herman

SS Vaughan **7**B Traynor

1R Suhr 2B Lavagetto Padden C. Р Hovt

ΙF Jensen RF P. Waner CF

SS

1B Suhr

3B

2B

C.

P

Hafey

Vaughan

Young

Padden

Blanton

ΙF Jensen RF P. Waner CF SS 1B Lavagetto **3**B

1937

Suhr Young Padden C. Blanton

Vaughan

Dickshot Lavagetto

3B Brubaker 2B Young Р Blanton

CF L. Waner RF Bell LF Rizzo SS Vaughan 1B Suhr 2R Young Brubaker С Mueller

1940

3В Handley RF Garms SS Vaughan LF Rizzo Fletcher 1B CF Elliott С Davis

Klinger

1941 2B

Gustine 3B Garms 55 Vaughan LF Van Robays Elliott RF 1B Fletcher CF DiMaggio Lopez

Klinge

1942 SS

Coscarart Barrett **3**B **Flliott** CF DiMaggio 1B Fletcher LF Stewart 2B Gustine Lopez Р Butcher

1072

L. Waner

P. Waner

Vaughan

Rizzo

CF

RF

LF

55

1B Suhr

С Todd

1943 LF Russell RF Colman 1R Fletcher 3В Elliott DiMaggio CF 55 Gearv 2B Coscarart Lopez Р Sewell

1944 2B Handley SS Gustine RF Russell 3В **Flliott** O'Brien 1B Dahlgren CF DiMaggio C Lopez Р

Blanton

1945

2B Young

SS 7ak CF Barrett ΙF Russell 3B Flliott RF Colman 1R Dahlgren 2B Gustine Lopez C. Р Ostermueller 1946 2B 7ak

Р

RF Barrett CF Kiner 3B Flliott 1B Fletcher LF Russell SS Cox Smith C. Р Ostermueller 1947

SS Cox 2B Basinski CF Russell 1B Greenberg 3B Gustine ΙF Kiner Westlake С Jarvis Sewell

Metkovich

Hall

Merson

Dickson

1948 SS Rojek CF

ΙF Kiner RF Walker 3B Gustine 1R Stevens 2B Basgall Kluttz C. Р Grega

Hopp

1949 SS Rojek 2B Murtaugh RF Walker LE Kiner CE Westlake 1B Stevens Bockman С McCullough Р Sewell

1950 RE

1B Hopp LF Kiner 3В Fernandez CF Westlake 2B Murtaugh SS Rojek

Beard

С Fitzgerald Р Chesnes

CF Saffell Roberts Mejias Thomas Gordon Ward Atwell Groat

1951 3B CF

RF Bell 1B Kiner ΙF Westlake SS Strickland Basgall 2B С McCullough Chambers

Dillinger

Metkovich

2B Koshorek С McCullogh

1952

CF Beard

1B

RF Rell

LF Kiner

3B

1957 Walls Mejias Long Thomas Virdon Groat Mazeroski 1B

1953 Smith 3B Castiglione CF Metkovich LF Kiner 2B O'Connell RF Ahrams Garagiola C. SS Cole Dickson

1954

RE Abrams 2B Roberts LF Rice 3B Gordon CF Thomas 1B Ward. Allie Atwell Friend

1955

2R RF LF 3В 1R C SS Surkont 1956 O'Brien, J. 2B SS RF

ΙF

C

Thomas 1B Long **3**B Freese Del Greco CF Kravitz Friend

Virdon

Groat

Groat

Clemente

ΙĒ

RF 1R 3B CF SS 2B Foiles C. Friend 1958

CF Virdon SS Groat LF Skinner 1B Kluszewski 3В Thomas Clemente RF 2B Mazeroski С Foiles Friend

1959

CF Virdon RE Clemente LF Skinner Stuart Hoak Mazeroski 2B Groat Foiles Kline

1960

LF SS Skinner Groat RF 1B Clemente Stuart 3B Hoak CF Cimoli **2B** Mazeroski Smith P Friend

1961 CF SS

LF Skinner Nelson 1B RF Clemente **3**B Hoak Mazeroski С Burgess Р Friend

1962 Virdon CF

SS Groat LF Skinner Stuart 1B Clemente RF С Burgess Hoak Mazeroski Friend

1963

SS Schofield ΙF Skinner RF Clemente Clendenon 1B 2B Mazeroski CF Virdon Bailey С Pagliaroni Francis

1964

SS Schofield CF Virdon RF Clemente LF Stargell Clendenon 1B **3**B Bailey Mazeroski С Pagliaroni Veale

1965

CF Virdon SS Schofield RF Clemente LF Stargell 3В Bailey 1B Clendenon Allev 2B С Pagliaroni Veale

1966

С

Р

CF Alou SS Alley Clemente RF LF Stargell Clendenon 1B 2B Mazeroski 3B Bailey

Pagliaroni

Veale

1967

Р

CF Alou 3В Wills RF Clemente LF Stargell Clendenon 1B 2B Mazeroski SS Allev С May

Veale

1968 3B

Wills Alley SS RF Clemente LF Stargell 1B Clendenon Mazeroski 2B CF Alou С Mav Bunning

1969 CF Alou 3В Hebner RF Clemente LF Stargell 1B Robertson 2B Mazeroski Мау C. SS Patek Blass

OPENING DAY LINEUPS

1971

CF	Alou
3B	Hebner
RF	Clemente

Stargell Oliver 1B

SS Alley

May C. Mazeroski 2R

Blass

1975

2R Stennett

3B Hebner Oliver

Stargell 1B 7isk I F

RF Parker

C. Sanguillen Taveras

Р FIlis

1980

CF Moreno

SS Foli

RF Parker 1B Stargell

ΙF Milner 3B Madlock

С Ott

2B Garner Blyleven

1985

CF Wynne 2B

Madlock 3B

Thompson 1R RF Hendrick

С Pena

ΙF Frobel SS Foli

Р Rhoden

1990

3B Backman Bell

CF Van Slyke

Bonilla RF ΙF Bonds

1B Bream

С LaValliere

2B Lind

Р Drabek

1995

Brumfield Garcia

ΙF Martin

3B King

SS Bell

RF Merced

1B Aude С Parent

Р Lieber

2000

Kendall C SS Meares

RF Giles

LF Cordero

3B Ramirez

CF Hermansen

Benjamin

Schmidt

2B Mazeroski 3B

Hebner Clemente

Sanguillen C

18 Robertson

LF Stargell

CE Oliver

Hernandez SS

Fillis

1976

2R Stennett

C. Sanguillen

CF Oliver 1B Stargell

ΙF

7isk

RF Parker

3B Hebner SS Taveras

Medich

1981

CF Moreno

SS Foli RF

Parker 1B Thompson

LF Easler **3**B

Madlock 2B Berra

Nicosia

Bibby

1986

CE Reynolds

RF Orsulak 2B Ray

1B Bream

ΙF Kemp

С Pena

3B Morrison SS Khalifa

Reuschel

1991

1B Redus SS Bell

CF Van Slyke

RF Bonilla

ΙF Bonds

3В King

С LaValliere

2B Lind

Drabek

1996

CF Kingery Martin

RF Merced 1B King

3B Hayes

SS Bell

2B Garcia C. Kendall

Р Wagner

2001 CF A Brown RF Bell

С Kendall LF Giles

3B Ramirez

1B Young Meares

SS J. Wilson Ritchie

1972

2B Stennett

CF Oliver

RF Clemente

1 F Stargell

Hebner 3В

CSanguillen

Robertson 1B

SS Hernandez

FIlis

1977

CF Moreno

SS Taveras

RF

Parker LF Oliver

1B Stargell

2B Stennett Garner 3B

Dyer Reuss

1982

С

Р

CF Moreno

LF Easler RF

Parker 1B Thompson

Madlock 3B С Pena

2B

SS Berra Р Rhoden

1987

CF Bonds

Ortiz 2B Rav

LF Bonilla

RF Van Slyke **3**B Morrison

1B Bream Belliard

Patterson

SS

1992

RF Gibson

SS Bell CF Van Slyke

LF Bonds 1R Merced

3В Buechele

С LaValliere

2B Lind

Р Drahek

1997 2B Womack

Allensworth

LF Martin 1B Johnson

SS Elster

Kendall С

RF Guillen

3B Randa Р Lieber

2002 CF Brown

Kendall 3В Ramirez

RF

1B Young ΙF Rios

SS Benjamin 2B Reese Р Villone

C. Wilson

1973

2B Stennett Sanguillen

CF Oliver

ΙF Stargell 1B Robertson

Hebner

Alley SS

C. May Р

Blass

1978

SS Taveras

RF Parker LF

Stargell 1B 2B

Candelaria

1983

CF Mazzilli

1B

RF Parker 2R Ray

> SS Berra

1988

2B Lind

3В Bonilla

1B Milligan LaValliere

1993

LF Martin SS Bell

CF King 3B

RF Merced 1B Young LaValliere

С 2B Garcia

2B

Р

1B

RF Sanders

1998 Womack

Kendall LF Martin

1B Young CF Allensworth

RF Guillen 3B Garcia SS Collier

Cordova

2003 CF Lofton

Kendall LF Giles 3B Ramirez Simon

2B Reese

SS J. Wilson

Renson

CF Moreno

Robinson

Stennett Ott Gonzalez

LF Lacy

Madlock 3B

Thompson

Pena

Candelaria

LF Bonds

CF Van Slyke

RF Coles

Pedrique

Dunne

1994

Van Slyke CF

> 1B Hunter

Wakefield

1999

Morris

1B Young CF B. Brown

3B Sprague RF

Cordova

2004

1979 SS Taveras

CF Moreno RF Parker

1970-2004

Sanguillen

Maxvill

Reuss

2B Stennett

3B Hebner

CF Oliver

ΙF Stargell

RF Zisk

1B Parker

C.

Stennett C. Ott

1984

2R Ray 3B Madlock

1B Thompson Otis ΙF

Rhoden

Bonds

2B Lind

3B Bonilla

RF Wilson

2B Garcia

SS Bell Van Slyke

3B Kina RF Merced

Martin C. Slaught

Kendall

Redman

ΙF Mondesi 1B Simon

2R Hill

C. Wilson 3B Stynes

J. Wilson Wells

Stargell ΥÉ Robinson

2B

3B Garner Blyleven

CF Wynne

CPena

RF Frobel Berra

1989 ΙF

Van Slyke CF

1B Bream

С LaValliere

Bell SS Walk

LF

Smith

LF Giles

Guillen SS Benjamin

C. Kendall

325

OPENING DAY LINEUPS

2005-2017

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200	05	20	06	20	07	200	08	20	09
RF	Lawton	CF	Duffy	CF	Duffy	CF	McLouth	LF	Morgan
SS	J. Wilson	SS	J. Wilson	SS	J. Wilson	2B	Sanchez	2B	Sanchez
CF	T. Redman	1B	Casey	LF	Bay	LF	Bay	CF	McLouth
LF	Bay	LF	Bay	1B	LaRoche	1B	Ad. LaRoche	С	Doumit
1B	Ward	3B	Randa	С	Paulino	RF	Nady	1B	Ad. LaRoche
3B	Wigginton	RF	Burnitz	RF	Nady	С	Doumit	3B	An. LaRoche
2B	Castillo	2B	Castillo	3B	Bautista	3B	Bautista	RF	Moss
С	Santiago	С	Cota	2B	Castillo	SS	Wilson	SS	Wilson
Р	Perez	Р	Perez	Р	Duke	Ρ	Snell	Ρ	Maholm
201	10	201	11	201	12	201	3	201	14
20 1 2B	I O Iwamura	20 1	11 Tabata	20 1		20 1	3 Marte	20 1	I 4 Marte
			-		12 Presley Tabata				
2B	Iwamura	LF	Tabata	LF	Presley	LF	Marte	LF	Marte
2B CF	Iwamura McCutchen	LF 2B	Tabata Walker	LF RF	Presley Tabata	LF RF	Marte Jones	LF RF	Marte Snider
2B CF RF	Iwamura McCutchen Jones	LF 2B CF	Tabata Walker McCutchen	LF RF CF	Presley Tabata McCutchen	LF RF CF	Marte Jones McCutchen	LF RF CF	Marte Snider McCutchen
2B CF RF C	lwamura McCutchen Jones Doumit	LF 2B CF 1B	Tabata Walker McCutchen Overbay	LF RF CF 2B	Presley Tabata McCutchen Walker Jones	LF RF CF 3B	Marte Jones McCutchen Alvarez	LF RF CF 3B	Marte Snider McCutchen Alvarez
2B CF RF C LF	Iwamura McCutchen Jones Doumit Milledge	LF 2B CF 1B 3B	Tabata Walker McCutchen Overbay Alvarez	LF RF CF 2B 1B	Presley Tabata McCutchen Walker	LF RF CF 3B 1B	Marte Jones McCutchen Alvarez G. Sanchez	LF RF CF 3B C	Marte Snider McCutchen Alvarez Martin
2B CF RF C LF 1B	Iwamura McCutchen Jones Doumit Milledge Clement	LF 2B CF 1B 3B C	Tabata Walker McCutchen Overbay Alvarez Doumit	LF RF CF 2B 1B C	Presley Tabata McCutchen Walker Jones Barajas Alvarez	LF RF CF 3B 1B 2B	Marte Jones McCutchen Alvarez G. Sanchez Walker Martin	LF RF CF 3B C 2B	Marte Snider McCutchen Alvarez Martin Walker
2B CF RF C LF 1B 3B	Iwamura McCutchen Jones Doumit Milledge Clement LaRoche	LF 2B CF 1B 3B C RF	Tabata Walker McCutchen Overbay Alvarez Doumit Jones	LF RF CF 2B 1B C 3B	Presley Tabata McCutchen Walker Jones Barajas	LF RF CF 3B 1B 2B C	Marte Jones McCutchen Alvarez G. Sanchez Walker	LF RF CF 3B C 2B 1B	Marte Snider McCutchen Alvarez Martin Walker Ishikawa

201	15	201	6	201	7
3B	Harrison	1B	Jaso	LF	Frazier
RF	Polanco	CF	McCutchen	CF	Marte
CF	McCutchen	3B	Freese	RF	McCutchen
2B	Walker	LF	Marte	DH	Polanco
LF	Marte	C	Cervelli	3B	Freese
1B	Alvarez	RF	Polanco	С	Cervelli
С	Cervelli	2B	Harrison	1B	Bell
SS	Mercer	SS	Mercer	2B	Harrison
Ρ	Liriano	P	Liriano	SS	Mercer
				P	Cole

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END TIME	DATE/LOCATION	SCORE/NOTES
2:30 a.m.	August 9, 1963 at Forbes Field	Hou. 7, Pgh. 6 (15 innings, 1st Game). Pgh. 7, Hou. 6 (11 innings, 2nd Game). Rain delay of one hour at start. 3:58 Ist Game3:10 2nd Game. Attendance: 9,420 (about 300 at finish).
2:16 a.m.	August 20, 1979 at Three Rivers Stadium	Pgh. 6, S.F. 5Rain Delay of 3:40. Time of game 2:54.
2:04 a.m.	June 20, 1983 at Three Rivers Stadium	Pgh. 5, Chi. 4 (10 innings, 1st Game). Pgh. 6, Chi. 5 (13 innings, 2nd Game).
2:03 a.m.	August 10, 1979 at Philadelphia	Phi. 4, Pgh. 3 (12 innings, 1st Game). Pgh. 3, Phi. 2 (2nd Game)Three rain delays.
1:56 a.m.	June 22, 1951 at Forbes Field	Brooklyn 8, Pgh. 4Power failure and rain delays.
1:52 a.m.	May 23, 2017 at Atlanta	Atl. 6, Pgh. 5Rain Delay of 3:12 starting in 7th inning.
1:52 a.m.	June 6, 1963 at Forbes Field	Cin. 7, Pgh. 5 (1st Game). Cin. 10, Pgh. 5 (2nd Game). Rain and tarpaulin malfunction delays.
1:50 a.m.	July 26. 2011 at Atlanta	Atl. 4. Pah. 3 (19 innings).
1:46 a.m.	April 8, 2015 at Cincinnati	Cin. 5, Pgh. 4 (11 innings) Rain Delay of 2:34 at start of game.
1:45 a.m.	June 29, 1965 at Forbes Field	Pgh. 2, Cin. 1 (16 innings, 1st Game). Cin. 7, Pgh. 5 (2nd Game).
1:42 a.m.	August 18, 1995 at Three Rivers Stadium	Pgh. 13, Fla. 7 (1st game). Pgh. 7, Fla. 6 (13 innings, 2nd game).
1:41 a.m.	July 5, 1985 at Three Rivers Stadium	Pgh. 5, S.D. 4 (12 innings)Three rain delays.
1:39 a.m.	June 7, 1972 at San Diego	Pgh. 12, S.D. 5 (1st Game). Pgh. 1, S.D. 0 (18 innings, 2nd Game).
1:37 a.m.	June 20, 2003 at PNC Park	Pgh. 5, Cle. 4 (15 innings)Two rain delays.
1:32 a.m.	July 13, 1984 at Three Rivers Stadium	Pgh. 8, S.F. 2 (1st Game).
1:28 a.m.	September 17, 2012 at Wrigley Field	Pgh. 4, S.F. 3 (18 innings, 2nd Game). Pgh. 3, Chi O Rain Delay of 3:37 at start of game.
	(The latest ending major league game, 4:40 a.m.	, San Diego Padres at Philadelphia, 7/2/93).

GENERAL

OPENII	NG I	DAY RES	UL.	TS		1887	-1957
DATE YEAR	H/A	OPPONENT	W/L	SCORE	WINNING PITCHER	LOSING PITCHER	RECORD
April 30 1887	Н	Chicago	W	6-2	Pud Galvin	John Clarkson	1-0
April 20 1888	Н	Detroit	W	5-2	Ed Morris	Charlie Getzien	2-0
April 24 1889	Н	Chicago	W	8-5	Pud Galvin	Bill Hutchison	3-0
April 19 1890	Н	Cleveland	W	3-2	Pete Daniels	Ed Beatin	4-0
April 22 1891	Н	Chicago	L	6-7	Bill Hutchison	Pud Galvin	4-1
April 12 1892	Α	Cincinnati	W	7-5	Mark Baldwin	Tony Mullane	5-1
April 27 1893	Н	Cleveland	L	2-7	Cy Young	Frank Killen	5-2
April 19 1894	A	St. Louis	L	3-11	Ted Breitenstein	Frank Killen	5-3
April 18 1895	A	Louisville	L	2-11	Bert Inks	Frank Killen	5-4
April 16 1896	A	Cincinnati	W	9-1	Pink Hawley	Billy Rhines	6-4
April 22 1897 April 15 1898	A	St. Louis Louisville	W	4-1 3-10	Frank Killen	Red Donahue	7-4
April 15 1899	A A	Cincinnati	L W	5-10	Bert Cunningham Jesse Tannehill	Frank Killen	7-5 8-5
April 19 1900	A	St. Louis	L	0-3	Cy Young	Pink Hawley Rube Waddell	8-6
April 18 1901	A	Cincinnati	W	4-2	Sam Leever	Noodles Hahn	9-6
April 17 1902	A	St. Louis	W	1-0	Deacon Phillippe	Stan Yerkes	10-6
April 16 1903	A	Cincinnati	W	7-1	Deacon Phillippe	Jack Harper	11-6
April 15 1904	A	St. Louis	W	5-4	Deacon Phillippe	Jack Taylor	12-6
April 14 1905	A	Cincinnati	W	9-4	Patsy Flaherty	Jack Harper	13-6
April 12 1906	Α	St. Louis	W	2-1	Vic Willis	Jack Taylor	14-6
April 11 1907	Α	Cincinnati	L	3-4	Bob Ewing	Lefty Leifield	14-7
April 15 1908	Α	St. Louis	W	3-1	Howie Camnitz	Johnny Lush	15-7
April 14 1909	Α	Cincinnati	W	3-0	Howie Camnitz	Art Fromme	16-7
April 14 1910	Α	St. Louis	W	5-1	Howie Camnitz	Vic Willis	17-7
April 12 1911	Α	Cincinnati	W	14-0	Babe Adams	Art Fromme	18-7
April 11 1912	Α	St. Louis	L	0-7	Bob Harmon	Howie Camnitz	18-8
April 12 1913	Α	Cincinnati	W	9-2	Babe Adams	Art Fromme	19-8
April 14 1914	Α	St. Louis	L	1-2	Dan Griner	Babe Adams	19-9
April 14 1915	Α	Cincinnati	W	9-2	George McQuillan	Red Ames	20-9
April 12 1916	Α	St. Louis	L	1-2	Bill Doak	Erv Kantlehner	20-10
April 11 1917	Α	Chicago	L	3-5	Hippo Vaughn	Elmer Jacobs	20-11
April 16 1918	Α	Cincinnati	L	0-2	Pete Schneider	Wilbur Cooper	20-12
April 24 1919	Α	Chicago	L	1-5	Hippo Vaughn	Wilbur Cooper	20-13
April 14 1920	A	St. Louis	W	5-4 (10)	Babe Adams	Marv Goodwin	21-13
April 13 1921	A	Cincinnati	L	3-5	Dolf Luque	Babe Adams	21-14
April 12 1922	A	St. Louis	L W	1-10	Bill Sherdel	Wilbur Cooper	21-15
April 17 1923	A A	Chicago		3-2 5-6	Johnny Morrison	Tiny Osborne	22-15
April 15 1924 April 14 1925	A	Cincinnati Chicago	L L	2-8	Tom Sheehan Pete Alexander	Lee Meadows Emil Yde	22-16 22-17
April 13 1926	A	St. Louis	L	6-7	Flint Rhem	Vic Aldridge	22-17
April 12 1927	A	Cincinnati	W	2-1	Remy Kremer	Pete Donohue	23-18
April 11 1928	A	St. Louis	L	7-14	Jesse Haines	Remy Kremer	23-19
April 16 1929	A	Chicago	W	4-3	Burleigh Grimes	Charlie Root	24-19
April 15 1930	A	Cincinnati	W	7-6	Steve Swetonic	Red Lucas	25-19
April 14 1931	Α	Chicago	L	2-6	Charlie Root	Larry French	25-20
April 12 1932	Α	St. Louis	L	2-10	Flint Rhem	Larry French	25-21
April 12 1933	Α	Cincinnati	W	4-1	Bill Swift	Si Johnson	26-21
April 17 1934	Α	St. Louis	L	1-7	Dizzy Dean	Heinie Meine	26-22
April 16 1935	Α	Cincinnati	W	12-6	Waite Hoyt	Tony Freitas	27-22
April 14 1936	Α	Cincinnati	W	8-6	Waite Hoyt	Paul Derringer	28-22
April 20 1937	Α	Chicago	W	5-0	Cy Blanton	Larry French	29-22
April 19 1938	Α	St. Louis	W	4-3	Bob Klinger	Bob Weiland	30-22
April 17 1939	Α	Cincinnati	W	7-5	Cy Blanton	Bucky Walters	31-22
April 16 1940	Α	St. Louis	W	6-4	Bob Klinger	Curt Davis	32-22
April 15 1941	Α	Chicago	L	4-7	Claude Passeau	Bob Klinger	32-23
April 14 1942	Α	Cincinnati	W	4-2	Max Butcher	Bucky Walters	33-23
April 21 1943	Α	Chicago	W	6-0	Rip Sewell	Paul Derringer	34-23
April 18 1944	Α	St. Louis	L	0-2	Max Lanier	Preacher Roe	34-24
April 17 1945	Α	Cincinnati	L	6-7 (11)	Hod Lisenbee	Rip Sewell	34-25
April 16 1946	Α	St. Louis	W	6-4	Ken Heintzelman	Harry Brecheen	35-25
April 15 1947	A	Chicago	W	1-0	Rip Sewell	Hank Borowy	36-25
April 19 1948	A	Cincinnati	L	1-4	Ewell Blackwell	Hal Gregg	36-26
April 19 1949	Α .	Chicago	W	1-0	Rip Sewell	Dutch Leonard	37-26
April 18 1950	A	St. Louis	L	2-4	Gerry Staley	Bob Chesnes	37-27
April 17 1951	A	Cincinnati	W	4-3	Cliff Chambers	Ewell Blackwell	38-27
April 15 1952	A	St. Louis	L	2-3	Gerry Staley	Murry Dickson	38-28
April 14 1953	A	Brooklyn	L	5-8	Joe Black	Murry Dickson	38-29
April 13 1954	Н	Philadelphia	W	4-2	Vernon Law	Robin Roberts	39-29
April 13 1955	A	Brooklyn	L	1-6	Carl Erskine	Max Surkont	39-30
April 17 1956	A	New York	L	3-4	Johnny Antonelli	Bob Friend	39-31
April 16 1957	Н	New York	W	9-2	Bob Friend	Johnny Antonelli	40-31

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John Burkett

Jeff Fassero

Paul Wagner

Matt Ruebel

Al Leiter

Kip Wells

Ben Sheets

Justin Lehr

Matt Capps

John Grabow

Kevin Correia

Roy Halladay

Bryan Morris

Jumbo Diaz

Rick Porcello

Jeff Samardzija

Francisco Liriano

Zach Duke

Franquelis Osoria

Kris Benson

Francisco Cordova

Dustin Hermanson

Osvaldo Fernandez

Shane Reynolds

Zane Smith

Jon Lieber

Kevin Brown

Carlos Perez

Rich Rodriguez

Jason Schmidt

Jimmy Haynes

Kevin Millwood

Salomon Torres

Oliver Perez

Chad Qualls

Blaine Bover

Jason Motte

Erik Bedard

A.J. Burnett

Tony Watson

Gerrit Cole

Vicente Padilla

Ryan Dempster

Carlos Villanueva

Adam Wainwright

Todd Ritchie

Ron Villone

Francisco Cordova

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OPE	ENIN	ig i	JAY RES	UL	TS	19990	1958	-2017
DATE	YEAR	H/A	OPPONENT	W/L	SCORE	WINNING PITCHER	LOSING PITCHER	RECORD
April 15	1958	Α	Milwaukee	W	4-3 (14)	Ron Blackburn	Gene Conley	41-31
April 9	1959	Α	Cincinnati	L	1-4	Bob Purkey	Ron Kline	41-32
April 12	1960	Α	Milwaukee	L	3-4	Don McMahon	EIRoy Face	41-33
April 11	1961	Α	San Francisco	W	8-7	ElRoy Face	Mike McCormick	42-33
April 10	1962	Н	Philadelphia	W	6-0	Bob Friend	Jim Owens	43-33
April 8	1963	Α	Cincinnati	L	2-5	Jim O'Toole	Earl Francis	43-34
April 14	1964	Н	Chicago	L	4-8 (10)	Larry Jackson	ElRoy Face	43-35
April 12	1965	Н	San Francisco	W	1-0 (10)	Bob Veale	Juan Marichal	44-35
April 12	1966	Α	Atlanta	W	3-2 (13)	Don Schwall	Tony Cloninger	45-35
April 11	1967	Α	New York	W	6-3	Bob Veale	Don Cardwell	46-35
April 10	1968	Α	Houston	L	4-5	Larry Dierker	Juan Pizarro	46-36
April 8	1969	Α	St. Louis	W	6-2 (14)	Bruce Dal Canton	Mel Nelson	47-36
April 7	1970	Н	New York	L	3-5 (11)	Ron Taylor	Chuck Hartenstein	47-37
April 6	1971	Н	Philadelphia	W	4-2	Dock Ellis	Chris Short	48-37
April 15	1972	Α	New York	L	0-4	Tom Seaver	Dock Ellis	48-38
April 6	1973	Н	St. Louis	W	7-5	Jim Rooker	Diego Segui	49-38
April 5	1974	Α	St. Louis	L	5-6 (10)	Al Hrabosky	Dave Giusti	49-39
April 10	1975	Α	Chicago	W	8-4	Dave Giusti	Ken Frailing	50-39
April 10	1976	Α	Philadelphia	W	5-4 (11)	Larry Demery	Tug McGraw	51-39
April 7	1977	Н	St. Louis	L	6-12	John Denny	Jerry Reuss	51-40
April 7	1978	Н	Chicago	W	1-0	John Candelaria	Rick Reuschel	52-40
April 6	1979	Н	Montreal	L	2-3 (10)	Elias Sosa	Kent Tekulve	52-41
April 10	1980	Α	St. Louis	L	0-1	Pete Vukovich	Bert Blyleven	52-42
April 9	1981	Н	Montreal	L	5-6	Woodie Fryman	Kent Tekulve	52-43
April 10	1982	Α	St. Louis	W	11-7	Rod Scurry	Mark Littell	53-43
April 5	1983	Α	St. Louis	W	7-1	John Candelaria	Bob Forsch	54-43
April 3	1984	Α	San Diego	L	1-5	Eric Show	Rick Rhoden	54-44
April 9	1985	Α	Chicago	L	1-2	Rick Sutcliffe	Rick Rhoden	54-45
April 8	1986	Н	New York	L	2-4	Dwight Gooden	Rick Reuschel	54-46
April 7	1987	Α	New York	L	2-3	Bob Ojeda	Bob Patterson	54-47
April 5	1988	Α	Philadelphia	W	5-3	Mike Dunne	Shane Rawley	55-47
April 4	1989	Α	Montreal	L	5-6	Andy McGaffigan	Jeff Robinson	55-48
April 9	1990	Α	New York	W	12-3	Doug Drabek	Dwight Gooden	56-48
April 8	1991	Н	Montreal	L	0-7	Dennis Martinez	Doug Drabek	56-49
April 6	1992	Н	Montreal	W	2-0	Doug Drabek	Dennis Martinez	57-49
April 6	1993	Н	San Diego	W	9-4	Tim Wakefield	Andy Benes	58-49

HC	ME	OPENE	RS P	LAYE	D AT RECRE	ATION PARK	(4	4-0)
VEAD	DATE	ODDONENT	3A//I	SCORE	WINNING DITCHED	LOSING DITCHED	ATTENDANCE	DECODI

YEAR	DATE	OPPONENT	W/L	SCORE	WINNING PITCHER	LOSING PITCHER	ATTENDANCE	RECORD
1887	4/30	Chicago	W	6-2	P. Galvin	J. Clarkson	9,500	1-0
1888	4/20	Detroit	W	5-2	E. Morris	C. Getzien	3,500	2-0
1889	4/24	Chicago	W	8-5	P. Galvin	B. Hutchison	4,000	3-0
1890	4/19	Cleveland	W	3-2	P. Daniels	E. Beatin	9,000	4-0

GENERAL

НО	ME (OPENER	S P	LAYED	AT EXPOSIT	TION PARK	(1	0-9)
YEAR	DATE	OPPONENT	W/L	SCORE	WINNING PITCHER	LOSING PITCHER	ATTENDANCE	RECORD
1891	4/22	Chicago	L	6-7	B. Hutchison	P. Galvin	6,000	4-1
1892	4/22	St. Louis	W	14-3	P. Galvin	T. Breitenstein	3,500	5-1
1893	4/27	Cleveland	L	2-7	C. Young	F. Killen	7,600	5-2
1894	5/3	St. Louis	W	6-2	A. Gumbert	T. Breitenstein	8,000	6-2
1895	5/1	Cincinnati	W	4-1	B. Hart	T. Parrott	8,000	7-2
1896	4/21	Louisville	W	4-3	P. Hawley	S. Hill	8,000	8-2
1897	5/3	Louisville	W	7-4	F. Killen	C. Frazer	6,500	9-2
1898	4/29	Cincinnati	L	2-5	P. Hawley	F. Killen	4,300	9-3
1899	4/28	St. Louis	L	1-5	C. Young	J. Tannehill	6,275	9-4
1900	4/26	Cincinnati	L	11-12	N. Hahn	R. Waddell	11,000	9-5
1901	4/27	St. Louis	L	2-7	J. Powell	J. Tannehill	10,000	9-6
1902	4/22	Cincinnati	W	4-3	S. Leever	A. Stimmel	15,000	10-6
1903	4/21	St. Louis	L	8-9	M. O'Neill	D. Phillippe	18,000	10-7
1904	4/21	Cincinnati	W	5-4	D. Scanlon	N. Hahn	11,800	11-7
1905	4/19	St. Louis	W	8-4	S. Leever	C. McFarland	12,000	12-7
1906	4/17	Cincinnati	W	3-2	D. Phillippe	J. Welmer	17,035	13-7
1907	4/17	Chicago	L	2-6	J. Taylor	V. Willis	8,050	13-8
1908	4/22	St. Louis	W	5-1	H. Camnitz	S. McGlynn	12,942	14-8
1909	4/22	Cincinnati	L	4-7	B. Ewing	L. Leifield	9,025	14-9

НО	ME	OPENER	RS P	LAYE	AT FORBES	FIELD	(41	-20)
YEAR	DATE	OPPONENT	W/L	SCORE	WINNING PITCHER	LOSING PITCHER	ATTENDANCE	RECORD
1910	4/21	St. Louis	W	9-4	B. Adams	V. Willis	7,820	15-9
1911	4/20	Cincinnati	W	9-1	H. Camnitz	G. McQuillan	12,916	16-9
1912	4/18	St. Louis	W	4-3	C. Hendrix	S. Sallee	13,300	17-9
1913	4/17	Cincinnati	W	3-2	B. Adams	G. Suggs	22,000	18-9
1914	4/23	St. Louis	W	5-1	B. Adams	C. Hageman		19-9
1915	4/22	Cincinnati	W	8-2	B. Adams	C. Brown		20-9
1916	4/20	St. Louis	L	0-5	L .Meadows	A. Mamaux	17,000	20-10
1917	4/19	Chicago	L	3-10	C. Hendrix	E. Jacobs	12,000	20-11
1918	4/25	Cincinnati	W	1-0	F. Miller	P. Schneider		21-11
1919	5/2	Chicago	L	2-4	L. Tyler	B. Evans	8,000	21-12
1920	4/23	St. Louis	L	7-9	E. Jacobs	E. Hamilton	18,000	21-13
1921	4/21	Cincinnati	w	8-7	M. Yellowhorse	L. Brenton		22-13
1922	4/20	St. Louis	W	10-5	W. Cooper	C. Barfoot		23-13
1923	4/25	Chicago	W	7-3	W. Cooper	F. Fussell		24-13
1924	4/24	Cincinnati	L	4-5	P. Donohue	L. Meadows		24-14
1925	4/22	Chicago	W	6-1	J. Morrison	A. Kauffman		25-14
1926	4/22	St. Louis	L	3-5	V. Keen	J. Morrison		25-14
1927	4/21	Cincinnati	W	3-2	R. Kremer	E. Rixey		26-15
1928	4/19	St. Louis	L	10-13	C. Littlejohn	J. Miljus	32.000	26-13
1926	4/19		W	5-4	•	•	. ,	
1929	4/25	Chicago St. Louis	W	6-1	S. Swetonic R. Kremer	T. Horne B. Sherdel	32,000	27-16 28-16
							15,000	
1931	4/24	Chicago	L	6-10	L. Sweetland	L. French	15,000	28-17
1932	4/20	St. Louis	W	7-0	S. Swetonic	B. Hallahan	16,000	29-17
1933	4/21	Cincinnati	W	5-1	B. Swift	S. Johnson	13,000	30-17
1934	4/24	St. Louis	W	5-4	L. Chagnon	J. Haines	15,000	31-17
1935	4/17	Cincinnati	L	4-7	P. Derringer	G. Bush	9,000	31-18
1936	4/19	St. Louis	L	3-7	B. Hallahan	R. Lucas	15,000	31-19
1937	4/23	Cincinnati	W	4-3	W. Hoyt	L. Grissom	22,000	32-19
1938	4/22	Cincinnati	W	7-4	R. Lucas	J. Vander Meer	20,566	33-19
1939	4/18	St. Louis	L	2-3	B. Weiland	B. Klinger	15,783	33-20
1940	4/22	Chicago	W	9-5	J. Bowman	C. Passeau	10,461	34-20
1941	4/18	Cincinnati	W	4-1	M. Butcher	B. Walters	18,644	35-20
1942	4/17	St. Louis	W	3-2	R. Sewell	L. Warneke	18,824	36-20
1943	4/27	Cincinnati	W	4-1	J. Lanning	R. Starr	11,937	37-20
1944	4/21	Cincinnati	L	2-4	J. Beggs	R. Sewell	11,377	37-21
1945	4/20	Chicago	W	5-4	R. Sewell	H. Wyse	9,449	38-21
1946	4/20	Cincinnati	W	2-1	R. Sewell	B. Walters	27,981	39-21
1947	4/18	Cincinnati	W	12-11	F. Ostermueller	J. Beggs	38,216	40-21
1948	4/20	Chicago	W	3-2	R. Sewell	R. Meyer	38,546	41-21
1949	4/22	Cincinnati	W	5-4	B. Werle	H. Fox	32,167	42-21
1950	4/21	Cincinnati	W	7-5	B. Werle	H. Wehmeier	32,685	43-21
1951	4/17	St. Louis	W	5-4	M. Dickson	T. Poholsky	25,894	44-21
1952	4/18	Cincinnati	W	3-0	B. Friend	E. Blackwell	29,874	45-21
1953	4/16	Philadelphia	W	14-12	M. Dickson	A. Hansen	16,220	46-21
1954	4/13	Philadelphia	W	4-2	V. Law	R. Roberts	32,294	47-21
1955	4/14	Philadelphia	L	3-4	H. Wehmeier	D. Littlefield	23,540	47-22
1956	4/20	Brooklyn	L	0-5	R. Craig	D. Hall	23,357	47-23
1957	4/16	New York	w	9-2	B. Friend	J. Antonelli	33,405	48-23
195/	4/16	New York	W	9-2	B. Friend	J. Antonelli	55,405	48-

HOME OPENERS PLAYED AT FORBES FIELD (CONT.) (41-

YEAR	DATE	OPPONENT	W/L	SCORE	WINNING PITCHER	LOSING PITCHER	ATTENDANCE	RECORD
1958	4/18	Cincinnati	L	1-4	B. Purkey	R. Kline	34,032	48-24
1959	4/10	Milwaukee	L	0-8	W. Spahn	B. Friend	33,317	48-25
1960	4/14	Cincinnati	W	13-0	V. Law	C. McLish	34,064	49-25
1961	4/18	Chicago	W	5-3	V. Mizell	M. Wright	30,781	50-25
1962	4/10	Philadelphia	W	6-0	B. Friend	J. Owens	28,813	51-25
1963	4/9	Milwaukee	W	3-2	E. Face	B. Hendley	29,615	52-25
1964	4/14	Chicago	L	4-8 (10)	L. Jackson	E. Face	26,377	52-26
1965	4/12	San Francisco	W	1-0 (10)	B. Veale	J. Marichal	28,189	53-26
1966	4/15	St. Louis	L	2-9	B. Gibson	D. Cardwell	32,231	53-27
1967	4/14	Chicago	L	5-8	C. Simmons	D. Ribant	32,296	53-28
1968	4/17	Houston	W	13-4	A. McBean	D. Lemaster	30,779	54-28
1969	4/11	Philadelphia	W	7-1	B. Moose	J. Johnson	31,641	55-28
1970	4/7	New York	L	3-5	R. Taylor	C. Hartenstein	34,249	55-29

HOME OPENERS PLAYED AT THREE RIVERS STADIUM (13-17)

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EAR	DATE	OPPONENT	W/L	SCORE	WINNING PITCHER	LOSING PITCHE	R ATTENDANCE	RECORD
1971	4/6	Philadelphia	W	4-2	D. Ellis	C. Short	39,712	56-29
1972	4/18	Chicago	L	4-6	M. Pappas	B. Moose	47,489	56-30
1973	4/6	St. Louis	W	7-5	J. Rooker	D. Segui	51,695	57-30
1974	4/10	Montreal	L	8-12	C. Taylor	R. Hernandez	40,438	57-31
1975	4/11	New York	W	4-3	L. Demery	R. Baldwin	43,880	58-31
1976	4/13	St. Louis	W	14-4	J. Reuss	P. Falcone	40,937	59-31
1977	4/7	St. Louis	L	6-12	J. Denny	J. Reuss	35,186	59-32
1978	4/7	Chicago	W	1-0	J. Candelaria	R. Reuschel	39,028	60-32
979	4/6	Montreal	L	2-3 (10)	E. Sosa	K. Tekulve	36,141	60-33
980	4/14	Chicago	W	5-4	K. Tekulve	B. Sutter	44,088	61-33
981	4/9	Montreal	L	5-6	W. Fryman	K. Tekulve	40,332	61-34
982	4/16	Chicago	W	7-6 (12)	E. Romo	G. Hernandez	28,985	62-34
983	4/12	St. Louis	L	3-4 (10)	B. Sutter	J. Bibby	46,869	62-35
984	4/17	Philadelphia	L	1-4	C. Hudson	J. Tudor	34,114	62-36
985	4/12	St. Louis	W	6-4	D. Robinson	K. Kepshire	47,335	63-36
986	4/8	New York	L	2-4	D. Gooden	R. Reuschel	48,962	63-37
987	4/10	St. Louis	W	4-3	D. Robinson	D. LaPoint	(sellout) 52,119	64-37
988	4/11	Philadelphia	W	5-1	D. Drabek	K. Gross	(sellout) 54,089	65-37
989	4/11	New York	W	4-3 (11)	J.D. Robinson	R. Myers	42,910	66-37
990	4/13	Chicago	L	0-2	G. Maddux	B. Walk	44,799	66-38
991	4/8	Montreal	L	0-7	D. Martinez	D. Drabek	(sellout) 54,274	66-39
992	4/6	Montreal	W	2-0	D. Drabek	D. Martinez	48,800	67-39
993	4/6	San Diego	W	9-4	T. Wakefield	A. Benes	44,103	68-39
994	4/8	Colorado	L	3-7	D. Nied	P. Wagner	(sellout) 44,074	68-40
995	4/26	Montreal	L	2-6	J. Fassero	J. Lieber	34,841	68-41
996	4/8	Philadelphia	L	3-6	S. Fernandez	D. Neagle	41,416	68-42
997	4/11	Los Angeles	L	1-7	R. Martinez	F. Cordova	(sellout) 43,126	68-43
998	4/7	Atlanta	L	3-11	T. Glavine	J. Schmidt	(sellout) 43,268	68-44
999	4/5	Montreal	L	2-9	D. Hermanson	F. Cordova	(sellout) 43,405	68-45
2000	4/4	Houston	L	2-5	S. Reynolds	J. Schmidt	(sellout) 54,399	68-46

HOME OPENERS PLAYED AT PNC PARK

(8-9)

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YEAR	DATE	OPPONENT	W/L	SCORE	WINNING PITCHER	LOSING PITCHE	R ATTENDANCE	RECORD
2001	4/9	Cincinnati	L	2-8	C. Reitsma	T. Ritchie	(sellout) 36,954	68-47
2002	4/8	Cincinnati	W	1-0	R. Villone	E. Dessens	(sellout) 36,403	69-47
2003	4/8	Milwaukee	L	3-5	G. Rusch	K. Wells	36,003	69-48
2004	4/5	Philadelphia	W	2-1	K. Wells	K. Millwood	(sellout) 35,702	70-48
2005	4/4	Milwaukee	L	2-9	B. Sheets	O. Perez	(sellout) 38,016	70-49
2006	4/10	Los Angeles	L	3-8	O. Perez	Z. Duke	(sellout) 39,129	70-50
2007	4/9	St. Louis	L	0-3	B. Looper	I. Snell	(sellout) 38,429	70-51
2008	4/7	Chicago	L	8-10 (12)	J. Lieber	E. Meek	(sellout) 37,491	70-52
2009	4/13	Houston	W	7-0	Z. Duke	B. Moehler	(sellout) 38,411	71-52
2010	4/5	Los Angeles	W	11-5	Z. Duke	V. Padilla	(sellout) 39,024	72-52
2011	4/7	Colorado	L	1-7	E. Rogers	P. Maholm	(sellout) 39,219	72-53
2012	4/5	Philadelphia	L	O-1	R. Halladay	E. Bedard	(sellout) 39,585	72-54
2013	4/1	Chicago	L	1-3	J. Samardzija	A.J. Burnett	(sellout) 39,078	72-55
2014	3/31	Chicago	W	1-0 (10)	B. Morris	C. Villanueva	(sellout) 39,833	73-55
2015	4/13	Detroit	W	5-4	G. Cole	A. Sanchez	(sellout) 39,933	74-55
2016	4/3	St. Louis	W	4-1	F. Liriano	A. Wainwright	(sellout) 39,500	75-55
2017	4/7	Atlanta	W	5-4	I. Nova	M. Foltynewicz	(sellout) 36,484	76-55

OPENING DAY MISCELLANEOUS INFORMATION

MOST RUNS SCORED:

14-0 win at Cincinnati, April 12, 1911

MOST RUNS ALLOWED:

MOST RUNS SCORED, FIRST INNING, HOME OPENER:

12. April 22, 1892 vs. St. Louis (1st inning)

MOST STRIKEOUTS, PITCHER:

10, done 5 times by 4 pitchers: Bob Veale (April 12, 1965), John Candelaria (April 5, 1983), A.J. Burnett (April 1, 2013) & Francisco Liriano (March 31, 2014 and April 3, 2016)

LAST SHUTOUT:

March 31, 2014 vs. Chicago (1-0)

LAST TIME SHUT OUT:

April 5, 2012 vs. Philadelphia (1-0)

WORST SHUTOUT LOSS:

8-0, at San Francisco, April 4, 1994

LAST WALKOFF WIN:

March 31, 2014 vs. Chicago (1-0 in 10 innings)

FIRST HOME RUN:

Jake Beckley, April 12, 1892 at Cincinnati

MOST HOME RUNS:

2, by six players: Dale Long (1956), Richie Hebner (1974), Willie Stargell (1975), Andy Van Slyke (1990), Xavier Nady (2008) & Garrett Jones (2010)

MOST HOME RUNS, TEAM: 4, 1975 (Stargell 2, Hebner and Sanguillen) &

GRAND SLAM: Neil Walker, April 1, 2011 at Chicago & Roberto Clemente, April 10, 1962 vs. Philadelphia

HOME RUN BY PITCHER:

1983 (Mazzilli, Lacy, Thompson and Berra)

Rick Rhoden, April 10, 1982 at St. Louis LAST WALKOFF HOME RUN: Neil Walker, March 31, 2014 vs, Chicago

MOST HITS:

5, by Bob Byrne, April 12, 1911

MOST HITS, TEAM: 17, April 12, 1911 at Cincinnati, April 9, 1990 at New York & March 31, 2008 at Atlanta

FEWEST HITS:

1, April 16, 1918 at Cincinnati (lost 2-0)

MOST HITS ALLOWED:

18, April 5, 1974 at St. Louis (10 innings) 17, April 5, 1999 vs. Montreal & April 15, 1930 at Cincinnati (both 9 innings)

LONGEST GAME:

14 innings, April 15, 1958 at Milwaukee (won 4-3) & April 8, 1969 at St. Louis (won 6-2)

LONGEST WINNING STREAK: 6 years, 1901-1906 & 1935-1940

LONGEST LOSING STREAK:

4 years, 1916-1919, 1984-1987 & 1999-2002

LONGEST WINNING STREAK, HOME:

10 years, 1945-1954

LONGEST LOSING STREAK, HOME:

8 years, 1994-2001

MOST WINS IN OPENERS:

3, Babe Adams, Howie Camnitz, Deacon Phillippe & Rip Sewell

MOST LOSSES IN OPENERS:

4, Frank Killen

LARGEST HOME CROWD:

54.399. April 4, 2000 vs. Houston

ARGEST HOME CROWD (@PNC Park):

39,933, April 13, 2015 vs. Detroit

FIRST DESIGNATED HITTER USED:

Gregory Polanco, April 3, 2017 at Boston

OPENING DAY RECORDS BY OPPONENT

Atlanta Braves	2-0
Boston Red Sox	0-1
Brooklyn Dodgers	0-2
Cleveland Spiders (NL)	1-1
Chicago Cubs	12-9
Cincinnati Reds	19-10
Detroit Wolverines (NL)	1-0
Florida Marlins	1-0
Houston Astros	1-2
Louisville Colonels	0-2
Los Angeles Dodgers	1-0

Milwaukee Braves	. 1-1
Milwaukee Brewers	0-2
Montreal Expos	2-6
New York Giants	1-
New York Mets	2-5
Philadelphia Phillies	6-
San Diego Padres	1-1
San Francisco Giants	.3-
St. Louis Cardinals16	-16





1903 WORLD SERIES

FIRST MODERN WORLD SERIES IN MLB HISTORY

BOSTON & P



BOSTON AMERICANS

PITTSBURG PIRATES (91-49)

BOSTON WINS SERIES 5-3

ОСТО	DBER 1 -	AT BOS	TON	, the same of the	N 7	-3
PIT	4 0 1	1 0 0	1 0 0	7	12	2
BOS	000	0 0 0	2 0 1	3	6	4

PIT: Phillippe (W) BOS: Young (L)

HR: PIT - Sebring (1); BOS - None

ATTENDANCE: 16,242

ОСТ	OBER 2		L O	-3		
PIT	000	0 0 0	000	0	3	2
BOS	200	0 0 1	0 0 x	3	9	0

PIT: Leever (L), Veil (2) BOS: Dineen (W)

HR: PIT - None; BOS - Dougherty (1,2)

ATTENDANCE: 9,415

ОСТО	OCTOBER 3 - AT BOSTON						1-2
PIT	0 1 2	0 0 0	0 1	0	4	7	0
BOS	000	1 0 0	0 1	0	2	4	2
BOS: I	hillippe (V Hughes (L T - None; NDANCE:), Young BOS - No					

ОСТО	BER 6 -	VS. BO	STON	W 5-4
BOS	0 0 0	0 1 0	0 0 3	4 9 1
PIT	100	0 1 0	3 O x	5 12 1

PIT: Phillippe (W) BOS: Dineen (L)

HR: PIT - None; BOS - None ATTENDANCE: 7,600

ОСТС)BER 7 -	VS. BO	STON	L 2-11
BOS	000	006	4 1 0	11 14 2
PIT	0 0 0	0 0 0	0 2 0	2 6 4

PIT: Kennedy (L), Thompson (8)

BOS: Young (W)

HR: PIT - None; BOS - None ATTENDANCE: 12,322

ОСТС)BER 8 -	VS. BO	STON	L 3-6
BOS	0 0 3	0 2 0	1 0 0	6 10 1
DIT	0 0 0	\circ	7 0 0	7 10 7

PIT: Leever (L) BOS: Dineen (W)

HR: PIT - None; BOS - None

ATTENDANCE: 11,556

ОСТО	BER 10	- VS. BO	DSTON	L 3-7
BOS	2 0 0	2 0 2	0 1 0	7 11 4
PIT	000	1 0 1	0 0 1	3 10 3

PIT: Phillippe (L) BOS: Young (W)

HR: PIT - None; BOS - None ATTENDANCE: 17,038

ОСТО	DBER 13	- AT BO	STON	1	. 0-	-3
PIT	000	000	000	0	4	3
BOS	000	2 0 1	0 0 x	3	8	0

PIT: Phillippe (L) BOS: Dineen (W)

Totals

HR: PIT - None; BOS - None ATTENDANCE: 7,455

AMERICANS WORLD SERIES STATISTICAL LEADERS	AMERICANS WORLD	SERIES STATISTI	CAL LEADERS
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Batting average	Stahl (.303)
Hits	Stahl (10)
Runs	Parent (8)
Home runs	Dougherty (2)
RBI	Dougherty (5)
Wins	Dineen (3)
LossesDin	een (1), Hughes (1) & Young (1)
Games	Dineen (4) & Young (4)
Innings Pitched	Dineen (35.0)

PIRATES BATTING STATISTICS								
NAME	AVG	G	AB	R	Н	HR	RBI	
Beaumont, of	.265	8	34	6	9	0	2	
Bransfield, 1b	.207	8	29	3	6	0	1	
Clarke, of	.265	8	34	3	9	0	0	
Kennedy, p	.500	1	2	0	1	0	0	
Leach, 3b	.273	8	33	3	9	0	7	
Leever, p	.000	2	4	0	0	0	0	
Phelps, c/of	.231	8	26	1	6	0	1	
Phillippe, p	.222	5	18	1	4	0	1	
Ritchey, 2b	.148	8	27	2	4	0	2	
Sebring, of	.333	8	30	3	10	1	5	
Smith, c	.000	1	3	0	0	0	0	
Thompson, p	.000	1	1	0	0	0	0	
Veil, p	.000	1	2	0	0	0	0	
Wagner, ss	.222	8	27	2	6	0	3	

PIRATES PITCHING STATISTICS								
NAME	W-L	ERA	G	GS	sv	IP	н	ER
Kennedy	0-1	5.14	1	1	0	7.0	11	4
Leever	0-2	5.40	2	2	0	10.0	13	7
Phillippe	3-2	2.86	5	5	0	44.0	38	16
Thompson	0-0	4.50	1	0	0	2.0	3	1
Veil	0-0	1.29	1	0	0	7.0	6	1

8 270

.237

1909 WORLD SERIES

FIRST PIRATES WORLD SERIES VICTORY





DETROIT TIGERS

(98-54)

PITTSBURG PIRATES

(110-42)

PITTSBURG WINS SERIES 4-3

OCTO	OBER 8 -	VS. DET	TROIT	W 4-1
DET	100	000	000	1 6 4
PIT	0 0 0	1 2 1	0 0 x	4 5 0

PIT: Adams (W) DET: Mullin (L)

HR: PIT - Clarke (1); DET - None

ATTENDANCE: 29,264

OCTOBER 9 - VS. DETROIT					L 2 -	7
DET	0 2 3	0 2 0	0 0 0	7	9	3
PIT	200	000	000	2	5	1

PIT: Camnitz (L), Willis (3) DET: Donovan (W) HR: PIT - None; DET - None ATTENDANCE: 30,915

ОСТО	OBER 11 -	AT DE	ROIT	W 8-6
PIT	5 1 0	000	0 0 2	8 10 3
DET	0.00	0.00	102	6 10 5

PIT: Maddox (W)

DET: Summers (L), Willett (1), Works (8)

HR: PIT - None; DET - None ATTENDANCE: 18,277

ОСТО	DBER 12	- AT DE	TROIT		L O -	-5
	0 0 0			-	5	-
DET	0 2 0	3 0 0	0 0 x	5	8	0

PIT: Leifield (L), Phillippe (5) DET: Mullin (W)

HR: PIT - None; DET - None ATTENDANCE: 17,036

ОСТО	BER 13	- VS. DE	TROIT	W 8-4
DET	100	0 0 2	0 1 0	4 6 1
PIT	1 1 1	000	4 1 x	8 10 2

PIT: Adams (W)

DET: Summers (L), Willett (8)

HR: PIT - Clarke (2); DET - Crawford (1), D. Jones (1)

ATTENDANCE: 21,706

ОСТС	DBER 14	- AT DE	TROIT	L 4-5	
PIT	3 0 0	0 0 0	0 0 1	4 7 3	
DET	100	2 1 1	0 0 x	5 10 3	

PIT: Willis (L), Camnitz (6), Phillippe (7)

DET: Mullin (W)

HR: PIT - None; DET - None ATTENDANCE: 10,535

ОСТО	W 8-0		
PIT	0 2 0	203 010	8 7 0
DET	000	000 000	0 6 3

PIT: Adams (W)

DET: Donovan (L), Mullin (4) HR: PIT - None; DET - None ATTENDANCE: 17,562

YANKEES WORLD SERIES STATISTICAL LEADERS

Batting averageKoenig (.500)	
HitsKoenig (9)	
RunsCombs (6)	
Home runsRuth (2)	
RBIRuth (7)	
Wins Hoyt (1), Moore (1), Pennock (1) & Pipgras (1)	
LossesNone	
Games Moore (2)	
Innings PitchedMoore (10.2)	

PIRATES BATTING STATISTICS

NAME	AVG	G	AB	R	н	HR	RBI
Aldridge, p	.000	1	2	0	0	0	0
Barnhart, of	.313	4	16	0	5	0	4
Brickell, ph	.000	2	2	1	0	0	0
Cvengros, p	.000	2	0	0	0	0	0
Dawson, p	.000	1	0	0	0	0	0
Gooch, c	.000	3	5	0	0	0	0
Grantham, 2b	.364	3	11	0	4	0	0
Groh, ph	.000	1	1	0	0	0	0
Haris, 1b	.200	4	15	0	3	0	1
Hill, p	.000	1	1	0	0	0	0
Kremer, p	.500	1	2	1	1	0	0
Meadows, p	.000	1	2	0	0	0	0
Miljus, p	.000	2	2	0	0	0	0
Rhyne, 2b	.000	1	4	0	0	0	0
Smith, c	.000	3	8	0	0	0	0
Spencer, c	.000	1	1	0	0	0	0
Traynor, 3b	.200	4	15	1	3	0	0
L. Waner, of	.400	4	15	5	6	0	0
P. Waner, of	.333	4	15	0	5	0	3
Wright, ss	.154	4	13	1	2	0	2
Yde, p	.000	1	0	1	0	0	0
Totals	.223	4	130	10	29	0	10

PIRATES PITCHING STATISTICS

NAME	W-L	ERA	G	GS	sv	IP	н	ER
Aldridge	0-1	7.36	1	1	0	7.1	10	6
Cvengros	0-0	3.86	2	0	0	2.1	3	1
Dawson	0-0	0.00	1	0	0	1.0	0	0
Hill	0-0	4.50	1	1	0	6.0	9	3
Kremer	0-1	3.60	1	1	0	5.0	5	2
Meadows	0-1	9.95	1	1	0	6.1	7	7
Miljus	0-1	1.35	2	0	0	6.2	4	1
Totals	0-4	5.19	4	4	0	34.2	38	20

ASEBALL OPS

STORY

1925 WORLD SERIES

PIRATES DEFEAT DEFENDING WS CHAMPIONS

W ® P

WASHINGTON SENATORS

96-55)

PITTSBURGH PIRATES

PITTSBURGH WINS SERIES 4-3

ОСТС	BER 7 -	VS. WA	SHINGTON		L 1-	4
WAS	0 1 0	0 2 0	0 0 1	4	8	1
PIT	000	0 1 0	0 0 0	1	5	0

PIT: Meadows (L), Morrison (9)

WAS: Johnson (W)

HR: PIT - Traynor (1); WAS - J. Harris (1)

ATTENDANCE: 41,723

ОСТС	BER 8 -	VS. WA	SHINGTON	١	N 3	-2
WAS	0 1 0	000	0 0 1	2	8	2
PIT	000	1 0 0	0 2 x	3	7	0

PIT: Aldridge (W)
WAS: Coveleski (L)

HR: PIT - Wright (1), Cuyler (1); WAS - Judge (1)

ATTENDANCE: 43,364

ОСТС	OCTOBER 10 - AT WASHINGTON PIT 0 1 0 1 0 1 0 0 0					
PIT	0 1 0	101 000	3 8 2			
WAS	0 0 1	0 0 1 2 0 x	4 10 1			

PIT: Kremer (L)

WAS: Ferguson (W), Marberry (SV-8)
HR: PIT - None; WAS - Goslin (1)

ATTENDANCE: 36,495

ОСТС	BER 11 -	AT WA	SHINGTON	L 0-4
PIT	000	0 0 0	0 0 0	0 6 1
WAS	0 0 4	0 0 0	0 0 x	4 12 0

PIT: Yde (L), Morrison (3), Adams (8)

WAS: Johnson (W)

HR: PIT - None; WAS - Goslin (2), J. Harris (2)

ATTENDANCE: 38,701

ОСТС	BER 12	- AT WA	SHINGTON	W 6-3
	0 0 2 1 0 0			6 13 0 3 8 1

PIT: Aldridge (W)

WAS: Coveleski (L), Ballou (7), Zachary (8), Marberry (9)

HR: PIT - None; WAS - J. Harris (3)

ATTENDANCE: 35,899

осто	BER 13	- VS. W	ASHINGTON		W 3	-2
WAS	1 1 0	000	0 0 0	2	6	2
PIT	0 0 2	0 1 0	0 0 x	3	7	1

PIT: Kremer (W)

DET: Ferguson (L), Ballou (8)

HR: PIT - Moore (1); WAS - Goslin (3)

ATTENDANCE: 43,810

ОСТО	BER 15	- VS. W	ASHINGTON	W 9-7
WAS	4 0 0	2 0 0	0 1 0	7 7 2
PIT	0 0 3	0 1 0	2 3 x	9 15 2

PIT: Aldridge, Morrison (1), Kremer (W-5), Oldham (SV-9)

WAS: Johnson (L)

HR: PIT - None; WAS - Peckinpaugh (1)

ATTENDANCE: 42,856

SENATORS WORLD SERIES S	STATISTICAL LEADERS
Batting average	J. Harris (.440)
Hits	Rice (12)
Runs	Goslin (6)
Home runs	Goslin (3) & J. Harris (3)
RBI	Goslin (6) & J. Harris (6)
Wins	Johnson (2)
Losses	Coveleski (2)
Games	Johnson (3)
Innings Pitched	Johnson (26.0)

PIRATES BATTING STATISTICS									
NAME	AVG	G	AB	R	н	HR	RBI		
Adams, p	.000	1	0	0	0	0	0		
Aldridge, p	.000	3	7	0	0	0	0		
Barnhart, of	.250	7	28	1	7	0	5		
Bigbee, of	.333	4	3	1	1	0	1		
Carey, of	.458	7	24	6	11	0	2		
Cuyler, of	.269	7	26	3	7	1	6		
Gooch, c	.000	3	3	0	0	0	0		
Grantham, 1b	.133	5	15	0	2	0	0		
Kremer, p	.143	3	7	0	1	0	1		
McInnis, 1b	.286	4	14	0	4	0	1		
Meadows, p	.000	1	1	0	0	0	0		
Moore, 2b	.231	7	26	7	6	1	2		
Morrison, p	.500	3	2	1	1	0	0		
Oldham, p	.000	1	0	0	0	0	0		
Smith, c	.350	6	20	0	7	0	0		
Traynor, 3b	.346	7	26	2	9	1	4		
Wright, ss	.185	7	27	3	5	1	3		
Yde, p	.000	2	1	1	0	0	0		
Totals	.265	7	230	25	61	4	25		

PIRATES PITCHING STATISTICS								
NAME	W-L	ERA	G	GS	sv	IP	н	ER
Adams	0-0	0.00	1	0	0	1.0	2	0
Aldridge	2-0	4.42	3	3	0	18.1	18	9
Kremer	2-1	3.00	3	2	0	21.0	17	7
Meadows	0-1	3.38	1	1	0	8.0	6	3
Morrison	0-0	2.89	3	0	0	9.1	11	3
Oldham	0-0	0.00	1	0	1	1.0	0	0
Yde	O-1	11.57	1	1	0	2.1	5	3
Totals	4-3	3.69	7	7	1	61.0	59	25

1927 WORLD SERIES

PIRATES FALL TO "MURDERERS ROW"



NEW YORK YANKEES

(110-44)

PITTSBURGH PIRATES

(94-60)

NEW YORK WINS SERIES 4-0

OCT	DBER 5 -	VS. NEW YOR	K L	4-5
NY	1 0 3	010 000	5	6 1
PIT	1 0 1	010 010	4	9 2

PIT: Kremer (L), Miljus (6)
NY: Hoyt (W), Moore (SV-8)
HR: PIT - None; NY - None
ATTENDANCE: 41.467

ОСТ	OBER 6 -	VS. NE	W YORK		L 2-	6
NY	0 0 3	000	0 3 0	6	11	0
PIT	1 0 0	0 0 0	0.1.0	2	7	2

PIT: Aldridge (L), Cvengros (8), Dawson (9)

NY: Pipgras (W)

HR: PIT - None; DET - None **ATTENDANCE**: 41,634

ОСТ	OBER 7 -	AT NEV	V YORK	L	. 1-	8
PIT	000	000	0 1 0	1	3	1
NY	200	000	6 0 x	8	9	0
PIT: N	1eadows (I	_), Cveng	ros (7)			

DET: Pennock (W)

HR: PIT - None; NY - Ruth (1) ATTENDANCE: 60,695

ATTENDANCE: 00,000

YANKEES WORLD SERIES STATISTICAL LEADERS

Batting averageKoenig (.500)
HitsKoenig (9)
RunsCombs (6)
Home runsRuth (2)
RBIRuth (7)
Wins Hoyt (1), Moore (1), Pennock (1) & Pipgras (1)
LossesNone
Games Moore (2)
Innings Pitched Moore (10.2)

ОСТ	OBER 8 -	AT NEV	V YORK	L 3-4
PIT	1 0 0	000	2 0 0	3 10 1
NY	1 0 0	0 2 0	0 0 1	4 12 2

PIT: Hill, Miljus (L-7)

DET: Moore (W)

NAME

Totals

HR: PIT - None; NY - Ruth (2) ATTENDANCE: 57,909

PIRATES BATTING STATISTICS

AVG G

Aldridge, p .000 2 0 0 0 0 Barnhart, of .313 4 16 0 5 0 4 Brickell, ph .000 2 2 0 0 0 1 Cvengros, p .000 2 0 0 0 0 0 Dawson, p .000 1 0 0 0 0 0 Gooch, c .000 3 5 0 0 0 0 Grantham, 2b .364 3 11 0 4 0 0 Groh, ph .000 1 1 0 0 0 0 4 15 0 3 0 Haris, 1b .200 1 Hill, p .000 0 0 0 0 1 1

AB R H

HR RBI

Kremer, p	.500	1	2	1	1	0	0
Meadows, p	.000	1	2	0	0	0	0
Miljus, p	.000	2	2	0	0	0	0
Rhyne, 2b	.000	1	4	0	0	0	0
Smith, c	.000	3	8	0	0	0	0
Spencer, c	.000	1	1	0	0	0	0
Traynor, 3b	.200	4	15	1	3	0	0
L. Waner, of	.400	4	15	5	6	0	0
P. Waner, of	.333	4	15	0	5	0	3
Wright, ss	.154	4	13	1	2	0	2
Yde, p	.000	1	0	1	0	0	0

.223

PIRATES PITCHING STATISTICS NAME W-L ERA G GS SV ID н FR Aldridge 7.36 0-1 0 7.1 10 6 1 0-0 3.86 2 0 0 2.1 3 Cvengros Dawson 0-00.00 1 0 0 1.0 0 0 Hill 4 50 6.0 0-01 1 0 9 3 5.0 5 Kremer 0-1 3.60 1 1 0 2 Meadows 0-1 9.95 1 1 0 6.1 7 7 2 0 Miljus 0-1 1.35 0 6.2 4 1 Totals 5.19 38 20

130 10

29 0 10

STORY

338

1960 WORLD SERIES

PIRATES DEFEAT YANKEES IN HISTORIC GAME 7





NEW YORK YANKEES

PITTSBURGH PIRATES

PITTSBURGH WINS SERIES 4-3

ОСТ	OBER 5 -	VS. NE	W YORK	W 6-4
NY	100	1 0 0	0 0 2	4 13 2
PIT	3 0 0	2 0 1	0 0 x	6 8 0

PIT: Law (W), Face (SV-8)

NY: Ditmar (L), Coates (1), Maas (5), Duren (7)

HR: PIT - Mazeroski (1); NY - Maris (1), Howard (1)

ATTENDANCE: 36,676

ОСТ	OBER 6 -	VS. NE	W YORK	L 3-16
NY	0 0 2	1 2 7	3 0 1	16 19 1
PIT	000	1 0 0	0 0 2	3 13 1

PIT: Friend (L), Green (5), Labine (6), Witt (6), Gibbon (7), Cheney (8)

NY: Turley (W), Shantz (9)

HR: PIT - None; NY - Mantle (1,2)

ATTENDANCE: 37,308

ОСТО	OBER 8 -	AT NEV	W YORK	L 0-10
PIT	0 0 0	0 0 0		0 4 0
NY	6 0 0	4 0 0		10 16 0

PIT: Mizell (L), Labine (1), Green (1), Witt (4), Cheney (6), Gibbon (8) NY: Ford (W)

HR: PIT - None; NY - Richardson (1), Mantle (3) ATTENDANCE: 70,001

OCT	OBER 9 -	AI NEV	v York		W 4	-2
PIT	000	0 3 0	000	3	7	0
NY	0 0 0	1 0 0	1 0 0	2	8	0

PIT: Law (W), Face (SV-6)

NY: Terry (L), Shantz (6), Coates (8)

HR: PIT - None; NY - Skowron (1)

ATTENDANCE: 67,812

ОСТ	OBER 10	- AT NE	W YORK	W 5-2
PIT	0 3 1	000	0 0 1	5 10 2
NY	0 1 1	0 0 0	0 0 0	2 5 2

PIT: Haddix (W), Face (SV-7)

NY: Ditmar (L), Arroyo (2), Stafford (3), Duren (8)

HR: PIT - None; NY - Maris (2)

ATTENDANCE: 62,753

ОСТО	OBER 12	L 0-12		
NY	0 1 5	0 0 2	2 2 0	12 17 1
PIT	000	000	000	0 7 1

PIT: Friend (L), Cheney (3), Mizell (4), Green (6), Labine (6), Witt (9)

NY: Ford (W)

HR: PIT - None: NY - None

ATTENDANCE: 38,580

ОСТ	OBER 13	- VS. NE	W YORK	W 10-9
NY	000	0 1 4	0 2 2	9 13 1
PIT	220	0 0 0	0.5.1	10 11 0

PIT: Law, Face (6), Friend (9), Haddix (W-9)

NY: Turley, Stafford (2), Shantz (3), Coates (8), Terry (L-8)

HR: PIT - Nelson (1), Smith (1), Mazeroski (2);

NY - Skowron (2), Berra (1)

ATTENDANCE: 36,683

ANKEES WORLD SERIES STATISTICAL LEADERS
Batting averageMantle (.400)
HitsRichardson (12)
RunsMantle (8) & Richardson (8)
Home runsMantle (3)
RBIRichardson (12)
VinsFord (2)
ossesDitmar (2) & Terry (2)
GamesCoates (3) & Shantz (3)
nnings PitchedFord (18.0)

PIRATES BA	TTING	STA	TISTIC	CS			
NAME	AVG	G	АВ	R	н	HR	RBI
Baker, ph	.000	3	3	0	0	0	0
Burgess, c	.333	5	18	2	6	0	0
Cheney, p	.000	3	0	0	0	0	0
Christopher, ph	.000	3	0	2	0	0	0
Cimoli, of	.250	7	20	4	5	0	1
Clemente, of	.310	7	29	1	9	0	3
Face, p	.000	4	3	0	0	0	0
Friend, p	.000	3	1	0	0	0	0
Gibbon, p	.000	2	0	0	0	0	0
Green, p	.000	3	1	0	0	0	0
Groat, ss	.214	7	28	3	6	0	2
Haddix, p	.333	2	3	0	1	0	0
Hoak, 3b	.217	7	23	3	5	0	3
Labine, p	.000	3	0	0	0	0	0
Law, p	.333	3	6	1	2	0	1
Mazeroski, 2b	.320	7	25	4	8	2	5
Mizell, p	.000	2	0	0	0	0	0
Nelson, 1b	.333	4	9	2	3	1	2
Oldis, c	.000	2	0	0	0	0	0
Schofield, ss	.333	3	3	0	1	0	0
Skinner, of	.200	2	5	2	1	0	1
Smith, c	.375	3	8	1	3	1	3
Stuart, 1b	.150	5	20	0	3	0	0
Virdon, of	.241	7	29	2	7	0	5
Witt, p	.000	3	0	0	0	0	0
Totals	.256	7	234	27	60	4	26

PIRATES	PITCH	ING ST	ΑΤΙ	STIC	S			
NAME	W-L	ERA	G	GS	SV	IP	н	ER
Cheney	0-0	4.50	3	0	0	4.0	4	2
Face	0-0	5.23	4	0	3	10.1	9	6
Friend	0-2	13.50	3	2	0	6.0	13	9
Gibbon	0-0	9.00	2	0	0	3.0	4	3
Green	0-0	22.50	3	0	0	4.0	11	10
Haddix	2-0	2.45	2	1	0	7.1	6	2
Labine	0-0	13.50	3	0	0	4.0	13	6
Law	2-0	3.44	3	3	0	18.1	22	7
Mizell	0-1	15.43	2	1	0	2.1	4	4
Witt	0-0	0.00	3	0	0	2.2	5	0
Totals	4-3	7.11	7	7	3	62.0	91	49

1971 WORLD SERIES

CLEMENTE WINS WORLD SERIES MVP HONORS







BALTIMORE ORIOLES | PITTSBURGH PIRATES

(101-57)

(97-65)

PITTSBURG WINS SERIES 4-3

OCT	OBER 9 -	AT BAL	.TIMORE	L 3-5
PIT	0 3 0	000	000	3 3 0
BAL	0 1 3	0 1 0	0 0 x	5 10 3

PIT: Ellis (L), Moose (3), Miller (7)

BAL: McNally (W)

HR: PIT - None: BAL - F. Robinson (1), Rettenmund (1), Buford (1)

ATTENDANCE: 53,229

ОСТО	OBER 11 ·	AT BAI	LTIMORE	L 3-1
PIT	0 0 0	0 0 0	0 3 0	3 8 1
BAL	0 1 0	3 6 1	0 0 x	11 14 1

PIT: Johnson (L), Kison (4), Moose (4), Veale (5), Miller (6), Giusti (8) BAL: Palmer (W), Hall (SV-9)

HR: PIT - Hebner (1); BAL - None

ATTENDANCE: 53,239

ОСТО	DBER 12	- VS. BA	LTIMORE	1	N 5	-1
BAL	000	000	1 0 0	1	3	3
PIT	100	0 0 1	3 O x	5	7	0

PIT: Blass (W)

BAL: Cuellar (L), Dukes (7), Watt (8)

HR: PIT - Robertson (1); BAL - F. Robinson (2)

ATTENDANCE: 50,403

ОСТО	BER 13	- VS. B	ALTIMORE	W 4-3	5
BAL	3 0 0	0 0 0	0 0 0	3 4	1
PIT	2 0 1	000	1 0 x	4 14 0)

PIT: Walker, Kison (W-1), Giusti (SV-8)

BAL: Dobson, Jackson (6), Watt (L-7), Richert (8)

HR: PIT - None: BAL - None

ATTENDANCE: 51,378

ОСТС	BER 14	- VS. B <i>l</i>	ALTIMORE	1	N 4	I-0
BAL	000	000	000	0	2	1
PIT	0 2 1	0 1 0	0 0 x	4	9	0

PIT: Briles (W)

BAL: McNally (L), Leonhard (5), Dukes (6)

HR: PIT - Robertson (2): BAL - None

ATTENDANCE: 51,377

ОСТО	OBER 16	- AT BA	LTIMOR	E	L 2-	3 (10)
PIT	0 1 1	000	0 0 0	0	2	9	1
BAL	000	0 0 1	1 0 0	1	3	8	0

PIT: Moose, Johnson (6), Giusti (7), Miller (L-10)

BAL: Palmer, Dobson (10), McNally (W-10)

HR: PIT - Clemente (1): BAL - Buford (1)

ATTENDANCE: 44,174

ОСТО	DBER 17	W 2	-1		
PIT	000	100	0 1 0	2 6	1
BAL	000	0 0 0	0 1 0	1 4	0

PIT: Blass (W)

BAL: Cuellar (L), Dobson (9), McNally (9)

HR: PIT - Clemente (2); BAL - None

ATTENDANCE: 47,291

ORIOLES WORLD S	ERIES STATISTICAL LEADERS
Batting average	B. Robinson (.318)
Hits	B. Robinson (7) & F. Robinson (7)
Runs	F. Robinson (5)
Home runs	Buford (2) & F. Robinson (2)
RBI	B. Robinson (5)
Wins	McNally (2)
Losses	Cuellar (2)
Games	McNally (4)
Innings Pitched	Palmer (17 (1)

Totals	.235	7	238	23	56	5	2
Walker, p	.000	1	0	0	0	0	(
Veale, p	.000	1	0	0	0	0	(
Stargell, of	.208	7	24	3	5	0	1
Sanguillen, c	.379	7	29	3	11	0	(
Sands, ph	.000	1	1	0	0	0	(
Robertson, 1b	.240	7	25	4	6	2	Ę
Pagan, 3b	.267	4	15	0	4	0	2
Oliver, of	.211	5	19	1	4	0	2
Moose, p	.000	3	2	0	0	0	(
Miller, p	.000	3	0	0	0	0	(
Mazeroski, ph	.000	1	1	0	0	0	(
May, ph	.500	2	2	0	1	0	1
Kison, p	.000	2	2	0	0	0	(
Johnson, p	.000	2	3	0	0	0	(
Hernandez, 2b	.222	7	18	2	4	0	
Hebner, 3b	.167	3	12	2	2	1	
Giusti, p	.000	3	0	0	0	0	
Ellis, p	.000	1	1	0	0	0	
Davalillo, of	.333	3	3	1	1	0	
Clines, of	.091	3	11	2	1	0	
Clemente, of	.414	7	29	3	12	2	
Cash, 2b	.133	7	30	2	4	0	
Briles, p	.500	1	2	0	1	0	
Blass, p	.000	2	7	0	0	0	
Alley, ss	.000	2	2	0	0	0	
NAME	AVG	G	AB	R	н	HR	- 1

PIRATES PITCHING STATISTICS									
W-L	ERA	G	GS	sv	IP	н	ER		
2-0	1.00	2	2	0	18.0	7	2		
1-0	0.00	1	1	0	9.0	2	0		
0-1	15.43	1	1	0	2.1	4	4		
0-0	0.00	3	0	1	5.1	3	0		
0-1	9.00	2	1	0	5.0	5	5		
1-0	0.00	2	0	0	6.1	1	0		
0-1	3.86	3	0	0	4.2	7	2		
0-0	6.52	3	1	0	9.2	12	7		
0-0	13.50	1	0	0	0.2	1	1		
0-0	40.50	1	1	0	0.2	3	3		
4-3	3.50	7	7	1	61.2	45	24		
	W-L 2-0 1-0 0-1 0-0 0-1 1-0 0-1 0-0 0-0 0-0	W-L ERA 2-0 1.00 1-0 0.00 0-1 15.43 0-0 0.00 0-1 9.00 1-0 0.00 0-1 3.86 0-0 6.52 0-0 13.50 0-0 40.50	W-L ERA G 2-0 1.00 2 1-0 0.00 1 0-1 15.43 1 0-0 0.00 3 0-1 9.00 2 1-0 0.00 2 0-1 3.86 3 0-0 6.52 3 0-0 13.50 1 0-0 40.50 1	W-L ERA G GS 2-0 1.00 2 2 1-0 0.00 1 1 0-1 15.43 1 1 0-0 0.00 3 0 0-1 9.00 2 1 1-0 0.00 2 0 0-1 3.86 3 0 0-0 6.52 3 1 0-0 13.50 1 0 0-0 40.50 1 1	W-L ERA G GS SV 2-0 1.00 2 2 0 1-0 0.00 1 1 0 0-1 15.43 1 1 0 0-1 9.00 3 0 1 0-1 9.00 2 1 0 1-0 0.00 2 0 0 0-1 3.86 3 0 0 0-0 6.52 3 1 0 0-0 13.50 1 0 0 0-0 40.50 1 1 0	W-L ERA G GS SV IP 2-0 1.00 2 2 0 18.0 1-0 0.00 1 1 0 9.0 0-1 15.43 1 1 0 2.1 0-0 0.00 3 0 1 5.0 1-0 9.00 2 1 0 5.0 1-0 0.00 2 0 0 6.1 0-1 3.86 3 0 0 4.2 0-0 6.52 3 1 0 9.2 0-0 13.50 1 0 0 0.2 0-0 40.50 1 1 0 0.2	W-L ERA G GS SV IP H 2-0 1.00 2 2 0 18.0 7 1-0 0.00 1 1 0 9.0 2 0-1 15.43 1 1 0 2.1 4 0-0 0.00 3 0 1 5.1 3 0-1 9.00 2 1 0 5.0 5 1-0 0.00 2 0 0 6.1 1 0-1 3.86 3 0 0 4.2 7 0-0 6.52 3 1 0 9.2 12 0-0 13.50 1 0 0 0.2 1 0-0 40.50 1 1 0 0.2 3		

ASEBALL OPS

1979 WORLD SERIES

STARGELL WINS WORLD SERIES MVP HONORS







BALTIMORE ORIOLES

(102-57)

PITTSBURGH PIRATES

(98-64)

PITTSBURGH WINS SERIES 4-3

ОСТС	L 4·	-5			
	0 0 0 5 0 0			11 6	-

PIT: Kison (L), Rooker (1), Romo (5), D. Robinson (6), Jackson (8) BAL: Flanagan (W)

HR: PIT - Stargell (1); BAL - DeCinces (1)

ATTENDANCE: 53,735

ОСТ	OBER 11 -	AT BA	LTIMORE		w a	5-2
PIT	0 2 0	0 0 0	0 0 1	3	11	2
BAL	0 1 0	0 0 1	0 0 0	2	6	1

PIT: Blyleven, D. Robinson (W-7), Tekulve (SV-9) BAL: Palmer, T. Martinez (8), Stanhouse (L-9)

HR: PIT - None; BAL - Murray (1)

ATTENDANCE: 53,739

ОСТС	BER 12	- VS. BA	LTIMORE	L 4-8
BAL PIT	0 0 2 1 2 0			8 13 0 4 9 2

PIT: Candelaria (L), Romo (4), Jackson (7), Tekulve (8)

BAL: McGregor (W)

HR: PIT - None; BAL - Ayala (1)

ATTENDANCE: 50,848

ОСТС	BER 13	- VS. B <i>A</i>	ALTIMORE	L 6-9
BAL	0 0 3	000	060	9 12 0
PIT	0 4 0	0 1 1	000	6 17 1

PIT: Bibby, Jackson (7), D. Robinson (8), Tekulve (L-8) BAL: D. Martinez, Stewert (2), Stone (5), Stoddard (W-7) HR: PIT - Stargell (2); BAL - None

ATTENDANCE: 50,883

ОСТО	DBER 14	- VS. B <i>A</i>	ALTIMORE		W 7	7-1
BAL	000	0 1 0	000	1	6	2
PIT	000	0 0 2	2 3 x	7	13	1

PIT: Rooker, Blyleven (W-6)

BAL: Flanagan (L), Stoddard (7), T. Martinez (7), Stanhouse (8) HR: PIT - None; BAL - None

ATTENDANCE: 50.920

ОСТО	DBER 16	- AT BA	LTIMORE	W 4-0
PIT	000	000	2 2 0	4 10 0
BAL	000	000	000	0 7 1

PIT: Candelaria (W), Tekulve (SV-7) BAL: Palmer (L), Stoddard (9) HR: PIT - None; BAL - None

ATTENDANCE: 53,739

ОСТС	BER 17	- AT BA	LTIMORE	W 4-1
PIT BAL	0 0 0 0 0 1			4 10 0 1 4 2

PIT: Bibby, D. Robinson (5), Jackson (W-5), Tekulve (SV-

BAL: McGregor (L), Stoddard (9), Flanagan (9), Stanhouse (9), T. Martinez (9), D. Martinez (9)

HR: PIT - Stargell (3); BAL - Dauer

ATTENDANCE: 53,733

ORIOLES WORLD SERIES STATISTICAL LEADERS
Batting average Garcia (.400)
HitsSingleton (10)
RunsGarcia (4)
Home runsAyala (1), Dauer (1), DeCinces (1) & Murray (1)
RBIGarcia (6)
WinsFlanagan (1), McGregor (1) & Stoddard (1)
LossesFlanagan (1), McGregor (1), Palmer (1), Stanhouse (1)
GamesStoddard (4)
Innings PitchedMcGregor (17.0)

PIRATES BA	TTING	STA	TISTIC	cs			
NAME	AVG	G	AB	R	н	HR	RBI
Alexander, of	.000	1	0	0	0	0	0
Bibby, p	.000	2	4	0	0	0	0
Blyleven, p	.000	2	3	0	0	0	0
Candelaria, p	.333	2	3	0	1	0	0
Easler, ph	.000	2	1	0	0	0	0
Foli, ss	.333	7	30	6	10	0	3
Garner, 2b	.500	7	24	4	12	0	5
Jackson, p	.000	4	1	0	0	0	0
Kison, P	.000	1	0	0	0	0	0
Lacy, ph	.250	4	4	0	1	0	0
Madlock, 3b	.375	7	24	2	9	0	3
Milner, of	.333	3	9	2	3	0	1
Moreno, of	.333	7	33	4	11	0	3
Nicosia, c	.063	4	16	1	1	0	0
Ott, c	.333	3	12	2	4	0	3
Parker, of	.345	7	29	2	10	0	4
B. Robinson, of	.263	7	19	2	5	0	2
D. Robinson, p	.000	4	0	0	0	0	0
Romo, p	.000	2	1	0	0	0	0
Rooker, p	.000	2	2	0	0	0	0
Sanguillen, ph	.333	3	3	0	1	0	1
Stargell, 1b	.400	7	30	7	12	3	7
Stennett, ph	1.000	1	1	0	1	0	0
Tekulve, p	.000	5	2	0	0	0	0
Totals	.322	7	251	32	81	3	32

PIRATES P	ITCH	ING ST	TATI	STIC	S			
NAME	W-L	ERA	G	GS	sv	IP	Н	ER
Bibby	0-0	2.61	2	2	0	10.1	10	3
Blyleven	1-0	1.80	2	1	0	10.0	8	2
Candelaria	1-1	5.00	2	2	0	9.0	14	5
Jackson	1-0	0.00	4	0	0	4.2	1	0
Kison	O-1	108.00	O 1	1	0	0.1	3	4
D. Robinson	1-0	5.40	4	0	0	5.0	4	3
Romo	0-0	3.86	2	0	0	4.2	5	2
Rooker	0-0	1.04	2	1	0	8.2	5	1
Tekulve	0-1	2.89	5	0	3	9.1	4	3
Totals	4-3	3.19	7	7	3	62.0	54	22

1970 N.L.C.S. - CINCINNATI DEFEATS PITTSBURGH, THREE GAMES TO NONE

NATIONAL LEAGUE CHAMPIONSHIP SERIES SUMMARIES

OCIO	JDER 3 -	L 0-3 (10)			
CIN	000	000	000	3	3 9 0
PIT	000	0 0 0	0 0 0	0	0 8 0

PIT: Ellis (L), Gibbon (10)

CIN: Nolan (W), Carrol (SV-10) HR: PIT - None; CIN - None

ATTENDANCE: 33,088

OCIO	JBER 4 -	VS. CIN	CINNAII		L 15	5
CIN	0 0 1	0 1 0	0 1 0	3	8	1
PIT	0 0 0	0 0 1	000	1	5	2

PIT: Walker (L), Giusti (8)

CIN: Merritt (W), Carroll (6), Gullett (SV-6)

HR: PIT - None; CIN - Tolan (1)

ATTENDANCE: 39,317

ОСТО)BER 5 -	AT CIN	CINNATI	L 2	-3
PIT	1 0 0	0 1 0	000	2 10	0
CIN	2 0 0	000	0 1 x	3 5	0

PIT: Moose (L), Gibbon (8), Giusti (8)

CIN: Cloninger, Wilcox (W-6), Granger (9), Gullett (SV-9)

HR: PIT - None; CIN - Perez (1), Bench (1)

ATTENDANCE: 40,538

PIRATES BA	ATTIN	IG ST	ATIST	ICS			
NAME	AVG	G G	AB	R	Н	HR	RB
Alley, ss	.000) 2	7	0	0	0	0
Alou, of	.250	3	12	1	3	0	0
Cash, 2b	.125	2	8	1	1	0	0
Clemente, of	.214	3	14	1	3	0	1
Ellis, p	.000) 1	2	0	0	0	0
Gibbon, p	.000	2	0	0	0	0	0
Giusti, p	.000	2	0	0	0	0	0
Hebner, 3b	.667	2	6	0	4	0	0
Jeter, of	.000	3	2	0	0	0	0
Mazeroski, 2b	.000) 1	2	0	0	0	0
Moose, p	.000) 1	4	0	0	0	0
Oliver, 1b	.250	2	8	0	2	0	1
Pagan, 3b	.333	1	3	0	1	0	0
Patek, ss	.000) 1	3	0	0	0	0
Robertson, 1b	.200		5	0	1	0	0
Sanguillen, c	.167	3	12	0	2	0	0
Stargell, of	.500	3	12	0	6	0	1
Walker, p	.000) 1	2	0	0	0	0
Totals	.225	3	10	2 3	23	0	3
PIRATES PI							
	W-L	ERA	G	GS		РН	
	0-1	2.79	1	1		0.2 9	
	0-0	0.00	2	0).1 1	0
Giusti	0-0	3.86	2	Ω	0 2	1 7	. 1

PIRATES	PITCH	ING ST	ITATI	STIC	5			
NAME	W-L	ERA	G	GS	sv	IP	H	ER
Ellis	0-1	2.79	1	1	0	9.2	9	3
Gibbon	0-0	0.00	2	0	0	0.1	1	0
Giusti	0-0	3.86	2	0	0	2.1	3	1
Moose	0-1	3.52	1	1	0	7.2	4	3
Walker	0-1	1.29	1	1	0	7.0	5	1
Totals	0-3	2.67	3	3	0	27.0	22	8

1971 N.L.C.S. - PITTSBURGH DEFEATS SAN FRANCISCO, THREE GAMES TO OF

ОСТ	OCTOBER 2 - AT SAN FRANCISCO						
PIT	0 0 2	0 0 0	2 0 0	4 9 0			
SF	0 0 1	0 4 0	0 0 x	5 7 2			

PIT: Blass (L), Moose (6), Giusti (8)

SF: Perry (W)

HR: PIT - None; SF - Fuentes (1), McCovey (1)

ATTENDANCE: 40,977

V 9-	4
15 (0
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	15 (

PIT: Ellis (W), Miller (6), Giusti (SV-9)

SF: Cumberland (L), Barr (4), McMahon (5), Carrithers (7), Bryant (7), Hamilton (9)

HR: PIT - Robertson (1,2,3), Clines (1); SF - Mays (1)

ATTENDANCE: 42,562

ОСТ	OBER 5 -	VS. SA	N FRANCISCO	W 2-1
SF	000	0 0 1	0 0 0	1 5 2
PIT	0 1 0	0 0 0	0 1 x	2 4 1

PIT: Johnson (W), Giusti (SV-9)

SF: Marichal (L)

HR: PIT - Robertson (4), Hebner (1); SF - None

ATTENDANCE: 38,322

ОСТ	OCTOBER 6 - VS. SAN FRANCISCO						
SF	1 4 0	0 0 0	0 0 0	5 10 0			
PIT	2 3 0	0 0 4	0 0 x	9 11 2			

PIT: Blass, Kison (W-3), Giusti (SV-7)

SF: Perry (L), Johnson (6), McMahon (9)

HR: PIT - Hebner (2), Oliver (1); SF - Speier (1), McCovey (2)

ATTENDANCE: 35,487

PIRATES BA	TTING	STA	TISTIC	cs			
NAME	AVG	G	АВ	R	н	HR	RBI
Alley, ss	.500	1	2	1	1	0	0
Blass, p	.000	2	1	0	0	0	0
Cash, 2b	.421	4	19	5	8	0	1
Clemente, of	.333	4	18	2	6	0	4
Clines, of	.333	1	3	1	1	1	1
Davalillo, ph	.000	2	2	0	0	0	0
Ellis, p	.000	1	3	0	0	0	0
Giusti, p	.000	4	1	0	0	0	0
Hebner, 3b	.294	4	17	3	5	2	4
Hernandez, ss	.231	4	13	2	3	0	1
Johnson, p	.000	1	2	0	0	0	0
Kison, p	.000	1	2	0	0	0	0
May, ph	.000	1	1	0	0	0	0
Mazeroski, 2b	1.000	1	1	1	1	0	0
Miller, p	.000	1	1	0	0	0	0
Moose, p	.000	1	0	0	0	0	0
Oliver, 1b	.250	4	12	2	3	1	5
Pagan, 3b	.000	1	1	0	0	0	0
Robertson, 1b	.438	4	16	5	7	4	6
Sanguillen, c	.267	4	15	1	4	0	1
Stargell, of	.000	4	14	1	0	0	0
Totals	.271	4	144	24	39	8	23

PIRATES PITCHING STATISTICS								
NAME	W-L	ERA	G	GS	SV	IP	н	ER
Blass	0-1	11.57	2	2	0	7.0	14	9
Ellis	1-0	3.60	1	1	0	5.0	6	2
Giusti	0-0	0.00	4	0	3	5.1	1	0
Johnson	1-0	0.00	1	1	0	8.0	5	0
Kison	1-0	0.00	1	0	0	4.2	2	0
Miller	0-0	6.00	1	0	0	3.0	2	3
Moose	0-0	0.00	1	0	0	2.0	0	0
Totals	3-1	3.34	4	4	3	35.0	31	13

NATIONAL LEAGUE CHAMPIONSHIP SERIES SUMMARIES [1972 & 1974]

OCTOBER 7 - VS. CINCINNATI	W	/ 5-	1	PI	RATES B	ATTIN	G ST	ATISTI	CS			
CIN 100000000	1	-	0	N.A	ME	AVG	G	АВ	R	н	HR	RBI
PIT 300 020 00x	5	6	0	ΔII	ey, ss	.000	5	16	1	0	0	0
PIT: Blass (W), Hernandez (SV-9)					ss, p	.000	2	6	0	0	0	0
CIN: Gullett (L), Borbon (7)					les, p	.000	1	2	0	Ö	0	0
HR: PIT - Oliver (1); CIN - Morgan (1)					sh. 2b	.211	5	19	0	4	0	3
ATTENDANCE: 50.476				Cle	mente, of	.235	5	17	1	4	1	2
		-	_	Cli	nes, ph	.000	3	2	1	0	0	0
OCTOBER 8 - VS. CINCINNATI		3-	•	Da	valillo, ph	.000	1	0	0	0	0	0
CIN 400 000 010	5	8	1	Elli	s, p	.000	2	1	0	0	0	0
PIT 000 111 000	3	7	1	Giu	isti, p	.000	3	1	0	0	0	0
PIT: Moose (L), Johnson (1), Kison (6), Hernandez (7) G	iucti	(0)		bner, 3b	.188	5	16	2	3	0	1
CIN: Billingham, Hall (W-5)	7), G	iusti	(9)		rnandez, p	.000	3	0	0	0	0	0
					nnson, p	.000		1	0	0	0	0
HR: PIT - None; CIN - Morgan (2)					on, p	.000	2	0	0	0	0	0
ATTENDANCE: 50,584					y, c	.500	1	2	0	1	0	1
OCTOBER 9 - AT CINCINNATI	w	3-	2		zeroski, ph	.500	2	2	0	1	0	0
	7	7	0		ler, p	.000	1	0	0	0	0	0
	-		-		ose, p	.000	2	0 20	0	0	0 1	O 3
CIN 002 000 000	2	8	1		ver, of	.250	5 4	0	0	5 0	0	0
PIT: Briles, Kison (W-7), Giusti (SV-8)					bertson, 1b nguillen, c	.313	5	16	4	5	1	2
CIN: Nolan, Borbon (7), Carroll (L-7) McGloth	lin (9	9)			rgell, 1b/of	.063	5 5	16	1	5 1	0	1
HR: PIT - Sanguillen (1); CIN - None					nnett. of/2b		5	21	2	6	0	1
ATTENDANCE: 52,420					ilker, p	.000	1	0	0	0	0	0
OCTOBER 10 - AT CINCINNATI	L	. 15	7	To	tals	.190	5	158	15	30	3	14
PIT 000 000 100	1	2	3	PI	RATES P	ITCHII	NG ST	ATIST	ics			
CIN 100 202 20x	7	11	1		ME	W-L	ERA		S S	/ IP	н	ER
PIT: Ellis (L), Johnson (6), Walker (7), Miller (8	3)			Bla			1.72	2 2		15.2	12	3
CIN: Grimsley (W)	-			Bri			3.00	1 1		6.0	6	2
HR: PIT - Clemente (1); CIN - None				Elli			0.00	1 1	-	5.0	5	0
ATTENDANCE: 39.447				Giu			6.75	3 (-	2.2	5	2
AI I LITPARVE. 33,447							2.70	7 (7.1	1	-

Hernandez

Johnson

Kison

Miller

Moose

Walker

Totals

0-0

0-0

1-0

0-0

0-1

0-0

2-3

2.70 3

3.00

0.00

0.00

54.00

18.00

3.30

2 0 0 6.0

2 0 3.1

2.1

43.2 42 16

0

0 0.2

0 1.0

0 0 1.0 0 0

2 4

0

5 4

3

OCTOBER 11 - AT CINCINNATI PIT 020 100 000 3 8 0 4 001 010 002 PIT: Blass, Hernandez (8), Giusti (L-9), Moose (9)

CIN: Gullett, Borbon (4), Hall (6), Carroll (W-9) HR: PIT - None; CIN - Geronimo (1), Bench (1) ATTENDANCE: 41,887

OCTOBER 5 - VS. LOS ANGELES

- LOS ANGELES DEFEATS PITTSBUR

				_	
L.A. PIT	0 1 0 0 0 0		0 0 2 0 0 0	3 0	9 2 4 0
L.A.: S HR: PI	uess (L), (utton (W) T - None; IDANCE:) L.A Noi	ne		
ОСТО	BER 6 -	VS. LOS	S ANGELES	L L	2-5
L.A. PIT	1 0 0 0 0 0	1 0 0 0 0 0	0 3 0 2 0 0	•	12 O 8 3
L.A.: M HR: PI	-	th (W), M L.A Cey	Demery (8), Harshall (8)	Hernandez	(8)
ОСТО	BER 8 -	ATIOS	ANGELES	VA.	77-0

PIT	5 0 2	0 0 0	0 0 0	7 10 0
L.A.	000	0 0 0	0 0 0	0 4 5
PIT: Ki	ison (W),	Hernande	ez (7)	

L.A.: Rau (L), Hough (1), Downing (4), Solomon (8)

HR: PIT - Stargell (1), Hebner (1); L.A. - None

ATTENDANCE: 55,953

ATTENDANCE: 54,424

ОСТО	DBER 9 -	AT LOS	ANGELES	L 1-12
PIT	0 0 0	000	1 0 0	1 3 1
L.A.	1 0 2	0 2 2	2 3 x	12 12 0
	41.5			

PIT: Ruess (L), Brett (3), Demery (6), Giusti (7), Pizarro (8) L.A.: Sutton (W), Marshall (9) HR: PIT - Stargell (2); L.A. - Garvey (1,2)

	AMES I						
PIRATES B	ATTIN	G ST	ATIST	ICS			
NAME	AVG	G	AB	R	Н	HR	RB
Brett, p	.000	1	1	0	0	0	0
Clines, of	.000	2	1	1	0	0	0
Demery, p	.000	2	0	0	0	0	0
Giusti, p	.000	3	0	0	0	0	0
Hebner, 3b	.231	4	13	1	3	1	4
Hernandez, p	.000	2	1	0	0	0	0
Howe, ph	.000	1	1	0	0	0	0
Kirkpatrick, 1b	.000	3	9	0	0	0	0
Kison, p	.000	1	3	0	0	0	0
Mendoza, ss	.200	3	5	0	1	0	1
Oliver, of	.143	4	14	1	2	0	1
Parker, of	.125	3	8	0	1	0	0
Pizarro, p	.000	1	0	0	0	0	0
Popovich, ss	.600	3	5	1	3	0	0
Reuss, p	.000	2	2	0	0	0	0
Robertson, 1b	.000	1	5	1	0	0	0
Rooker, p	.500	1	2	0	1	0	0
Sanguillen, c	.250	4	16	0	4	0	0
Stargell, of	.400	4	15	3	6	2	4
Stennett, 2b	.063	4	16	1	1	0	0
Taveras, ss	.000	2	2	0	0	0	0
Zisk, of	.300	3	10	1	3	0	0
Totals	.194	4	129	10	25	3	10
PIRATES PI	TCHIN	NG ST	ATIS	TICS			
NAME	W-L	ERA	G			P H	
		36.00	2			.0 3	
Giusti	0-1	21.60	2	0	0 3	.1 1	3 8

Totals	1-3	5.14	4	4	0	35.0	37	2
Rooker	0-0	2.57	1	1	0	7.0	6	2
Reuss	0-2	3.72	2	2	0	9.2	7	4
Pizarro	0-0	0.00	1	0	0	0.2	0	0
Kison	1-0	0.00	1	1	0	6.2	2	0
Hernandez	0-0	0.00	2	0	0	4.1	3	0
Giusti	0-1	21.60	2	0	0	3.1	13	8
Demery	0-0	36.00	2	0	0	1.0	3	4
NAME	W-L	ERA	G	GS	SV	IP	н	Ε

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N.L.C.S. - CINCINNATI DEFEATS PITTSBURGH, THREE GAMES TO NONE

NATIONAL LEAGUE CHAMPIONSHIP SERIES SUMMARIES

ОСТ	OBER 4 -	AT CIN	CINNATI	L 3-8
PIT CIN		0 0 0 0 4 0		3 8 0 8 11 0
CIN	013	0 4 0	0 0 x	8 11 0

PIT: Reuss (L), Brett (3), Demery (5), Ellis (7)

CIN: Gullett (W)

HR: PIT - None; CIN - Gullett (1)

ATTENDANCE: 54,633

DBER 5 -	AT CIN	CINNATI	L 1-6	
000	1 0 0	000	1 5 (О
2 0 0	2 0 1	1 0 x	6 12	1
	000	000 100	0 0 0 1 0 0 0 0 0 0 2 0 0 2 0 1 1 0 x	000 100 000 150

PIT: Rooker (L), Tekulve (5), Brett (6), Kison (7)

CIN: Norman (W), Eastwick (SV-7)

HR: PIT - None; CIN - Perez (1)

ATTENDANCE: 54,752

ОСТ	OBER 7 -	VS. CIN	ICINNAT	ri T	L 3-5 (10)
CIN	0 1 0	0 0 0	0 2 0	2	5 6 0
PIT	0 0 0	0 0 2	0 0 1	0	3 7 2
PIT: C	andelaria,	Giusti (8)	, Hernand	dez (L	-10), Tekulve (10)

CIN: Nolan, Carroll, McEnaney (8), Eastwick (W-9), Borbon (SV-10)

HR: PIT - Oliver (1); CIN - Concepcion (1), Rose (1)

ATTENDANCE: 46,355

PIRATES BA	TTING	STA	TISTI	cs			
NAME	AVG	G	AB	R	н	HR	R
Brett, p	.000	2	0	0	0	0	0
Candelaria, p	.000	1	3	0	0	0	0
Demery, p	.000	1	0	0	0	0	0
Dyer, ph	.000	1	0	0	0	0	1
Ellis, p	.000	1	0	0	0	0	0
Giusti, p	.000	1	0	0	0	0	0
Hebner, 3b	.333	3	12	2	4	0	2
Hernandez, p	.000	1	0	0	0	0	0
Kirkpatrick, ph	.000	2	2	0	0	0	0
Kison, p	.000	1	0	0	0	0	0
Oliver, of	.182	3	11	1	2	1	2
Parker, of	.000	3	10	2	0	0	0
Randolph, 2b	.000	2	2	1	0	0	0
Reuss, p	.000	1	1	0	0	0	0
Reynolds, ss	.000	2	1	0	0	0	0
Robertson, 1b	.500	3	2	0	1	0	1
Robinson, ph	.000	2	2	0	0	0	0
Rooker, p	.000	1	1	0	0	0	0
Sanguillen, c	.167	3	12	0	2	0	0
Stargell, 1b	.182	3	11	1	2	0	0
Stennett, 2b/ss	.214	3	14	0	3	0	0
Taveras, ss	.143	3	7	0	1	0	1
Tekulve, p	.000	2	0	0	0	0	0
Zisk, of	.500	3	10	0	5	0	0

PIRATES	PITCH	ING ST	TATI	STIC	S			
NAME	W-L	ERA	G	GS	SV	IP	н	ER
Brett	0-0	0.00	2	0	0	2.1	1	0
Candelaria	0-0	3.52	1	1	0	7.2	3	3
Demery	0-0	18.00	1	0	0	2.0	4	4
Ellis	0-0	0.00	1	0	0	2.0	2	0
Giusti	0-0	0.00	1	0	0	1.1	0	0
Hernandez	0-1	27.00	1	0	0	0.2	3	2
Kison	0-0	4.50	1	0	0	2.0	2	1
Reuss	0-1	13.50	1	1	0	2.2	4	4
Rooker	0-1	9.00	1	1	0	4.0	7	4
Tekulve	0-0	6.75	2	0	0	1.1	3	1
Totals	0-3	6.58	3	3	0	26.0	29	19

101

20 1

.198

Totals

Jackson

Roberts

Romo

Tekulve

Totals

Robinson, D.

1-0

0-0

1-0

0-0

0-0

0.00 2 0 0 2.0

0.00

0.00

3.38 2 0 0 2.2 2 1

1.50

0 0 0.0 0 0

0

0 0 2.0 0 0

0.1

30.0

3 0

PIT 0 0 2 0 0 0 0 0 0 0 3 5 10 CIN 0 0 0 2 0 0 0 0 0 0 0 2 7	-

PIT: Candelaria, Romo (8), Tekulve (8), Jackson (W-10), D. Robinson (SV-11)

CIN: Seaver, Hume (L-9), Tomlin (11)

HR: PIT - Garner (1), Stargell (1); CIN - Foster (1)

ATTENDANCE: 55.006

ОСТО	OBER 3 -	AT CIN	CINNAT	1	W 3-2	(10)
PIT			0 0 0	-	-	11	-
CIN	010	000	0 0 1	O	2	8	0

PIT: Bibby, Jackson (8), Romo (8), Tekulve (8), Roberts (9), D. Robinson (W-9)

CIN: Pastore, Tomlin (8), Hume (8), Bair (L-10)

HR: PIT - None; CIN - None

ATTENDANCE: 55,000

ОСТО	DBER 5 -	VS. CIN	CINNATI	\	N 7	-1
CIN	000	0 0 1	0 0 0	1	8	1
PIT	1 1 2	2 0 0	0 1 x	7	7	0

PIT: Blyleven (W)

CIN: LaCoss (L), Norman (2), Leibrandt (4), Soto (5), Tomlin (7), Hume (8)

HR: PIT - Stargell (2), Madlock (1); CIN - Bench (1)

ATTENDANCE: 42,240

NAME	AVG	G	АВ	R	н	HR	R
Alley, ss	.500	1	2	1	1	0	C
Blass, p	.000	2	1	0	0	0	C
Cash, 2b	.421	4	19	5	8	0	1
Clemente, of	.333	4	18	2	6	0	4
Clines, of	.333	1	3	1	1	1	1
Davalillo, ph	.000	2	2	0	0	0	C
Ellis, p	.000	1	3	0	0	0	C
Giusti, p	.000	4	1	0	0	0	C
Hebner, 3b	.294	4	17	3	5	2	4
Hernandez, ss	.231	4	13	2	3	0	- 1
Johnson, p	.000	1	2	0	0	0	C
Kison, p	.000	1	2	0	0	0	C
May, ph	.000	1	1	0	0	0	C
Mazeroski, 2b	1.000	1	1	1	1	0	C
Miller, p	.000	1	1	0	0	0	C
Moose, p	.000	1	0	0	0	0	C
Oliver, 1b	.250	4	12	2	3	1	5
Pagan, 3b	.000	1	1	0	0	0	C
Robertson, 1b	.438	4	16	5	7	4	6
Sanguillen, c	.267	4	15	1	4	0	- 1
Stargell, of	.000	4	14	1	0	0	C
Totals	.271	4	144	24	39	8	2
PIRATES PI	TCHIN	G ST	ATIST	ICS			
		ERA	G G		V IP	<u>H</u>	
Bibby		.29	1 1	0		4	
Blyleven '	1-0 1	.00	1 1	0	9.0	8	

PIRATES

HISTORY

90 N.L.C.S. - CINCINNATI DEFEATS PITTSBURGH, FOUR GAMES TO TWO

NATIONAL LEAGUE CHAMPIONSHIP SERIES SUMMARIES

OCTO	JBER 4 -	AT CIN	CINNATI	W	4-5
PIT	0 0 1	2 0 0	1 0 0	4	7 1
CIN	3 0 0	0 0 0	0 0 0	3	5 0

PIT: Walk (W), Belinda (7), Patterson (9), Power (SV-9)

CIN: Rijo, Charlton (L-6), Dibble (9) HR: PIT - Bream (1); CIN - None

ATTENDANCE: 55,700

ОСТ	OBER 5 -	AT CIN	CINNATI		L 1-	2
PIT	0 0 0	0 1 0	000	1	6	0
CIN	1 0 0	0 1 0	0 0	2	_	_

PIT: Drabek (L)

CIN: Browning (W), Dibble (7), Myers (SV-8)

HR: PIT - Lind (1); CIN - None

ATTENDANCE: 54,456

ОСТ	OBER 8 -	VS. CIN	ICINNATI	L 3-6
CIN	0 2 0	0 3 0	0 0 1	6 13 1
PIT	0 0 0	2 0 0	0 1 0	3 8 0

PIT: Smith (L), Landrum (6), Smiley (7), Belinda (9) CIN: Jackson (W), Dibble (6), Charlton (8), Myers (9)

HR: PIT - None; CIN - Duncan (1), Hatcher (1)

ATTENDANCE: 45,611

ОСТ	OBER 9 -	VS. CIN	ICINNATI	L 3-	5
CIN	000	2 0 0	2 0 1	5 10	1
PIT	1 0 0	1 0 0	0 1 0	3 8	0
DIT: \	Valle (L.). D.	ower (8)			

PIT: Walk (L), Power (8)

CIN: Rijo (W), Myers (8), Dibble (9)

HR: PIT - Bell (1); CIN - O'Neill (1), Sabo (1)

ATTENDANCE: 50,461 OCTORED 10 - VS. CINCINNATI

	77.10	13.5	NO III III III III III III III III III I				
CIN	1 0 0	000	0 1 0	2	7	0	
DIT	200	1 0 0	$0.0 \times$	3	6	1	

PIT: Drabek (W), Patterson (SV-9)

CIN: Browning (L), Mahler (6), Charlton (7), Scudder (8)

HR: PIT - None; CIN - None ATTENDANCE: 48,221

ОСТО	DBER 12	- AT CIN	ICINNATI	L 1-2
PIT	000	0 1 0	000	1 1 3
CIN	100	000	1 0 x	2 9 0

PIT: Power, Smith (L-3), Belinda (7), Landrum (8)

CIN: Jackson, Charlton (W-7), Myers (SV-8)

HR: PIT - None; CIN - None ATTENDANCE: 56,079

DID 4270 D 4							
PIRATES BA	TTING	STA		CS			
NAME	AVG	G	AB	R	н	HR	RBI
Backman, 3b	.143	3	7	1	1	0	0
Belinda, p	.000	3	0	0	0	0	0
Bell, ss	.250	6	20	3	5	1	1
Bonds, of	.167	6	18	4	3	0	1
Bonilla, of/3b	.190	6	21	0	4	0	1
Bream, 1b	.500	4	8	1	4	1	3
Drabek, p	.167	2	6	0	1	0	0
King, 3b	.100	5	10	0	1	0	0
Landrum, p	.000	2	0	0	0	0	0
LaValliere, c	.000	3	6	1	0	0	0
Lind, 2b	.238	6	21	1	5	1	2
Martinez, 1b	.250	2	8	0	2	0	2
Patterson, p	.000	2	0	0	0	0	0
Power, p	.000	3	1	0	0	0	0
Redus, 1b	.250	5	8	1	2	0	0
Reynolds, of	.200	6	10	0	2	0	0
Slaught, c	.091	4	11	0	1	0	1
Smiley, p	.000	1	0	0	0	0	0
Smith	.000	2	3	0	0	0	0
Van Slyke	.208	6	24	3	5	0	3
Walk, p	.000	2	4	0	0	0	0
Totals	.194	6	186	15	36	3	1 4

PIRATES I	PIRATES PITCHING STATISTICS							
NAME	W-L	ERA	G	GS	SV	IP	н	ER
Belinda	0-0	2.45	3	0	0	3.2	3	1
Drabek	1-1	1.65	2	2	0	16.1	12	3
Landrum	0-0	0.00	2	0	0	2.0	0	0
Patterson	0-0	0.00	2	0	1	1.0	1	0
Power	0-0	3.60	3	1	1	5.0	6	2
Smiley	0-0	0.00	1	0	0	2.0	2	0
Smith	0-2	6.00	2	1	0	9.0	14	6
Walk	1-1	4.85	2	2	0	13.0	11	7
Totals	2-4	3.29	6	6	2	52.0	49	19

<u>YEAR</u>	DATE & OPPONENT	GAME NUMBER	GAMES LEFT IN SEASON
1903	September 18 vs. Boston (NL)	132	8
1909	September 28 vs. New York (NL)	144	8
1925	September 23 vs. Philadelphia (NL)	147	6
1927	October 1 at Cincinnati (NL)	153	1
	September 27 vs. Cincinnati (NL)		
	September 27 vs. New York (division)		
1971	September 22 at St. Louis (division)	156	6
1972	September 21 at New York (division)	144	11
1974	October 2 vs. Chicago (division)	162	0
1975	September 22 vs. Philadelphia (division)	156	5
1979	September 30 vs. Chicago (division)	163	0
1990	September 30 at St. Louis (division)	159	3
1991	September 22 vs. Philadelphia (division)	150	13
1992	September 27 vs. New York (division)	156	6
2013	September 23 at Chicago (wild card)	157	5
2014	September 23 at Atlanta (wild card)	157	5
2015	September 23 at Colorado (wild card)	152	10

REVIEW

N.L.C.S. - ATLANTA DEFEATS PITTSBURGH, FOUR GAMES TO THREE

NATIONAL LEAGUE CHAMPIONSHIP SERIES SUMMARIES

ОСТ	OBER 9 -	VS. ATI	LANTA	\	N 5	-1	ОСТО
ATL	000	000	0 0 1	1	5	1	PIT
PIT	1 0 2	0 0 1	0 1 x	5	8	1	CIN

PIT: Drabek (W), Walk (SV-7)

ATL: Glavine (L), Wohlers (7), Stanton (8)

HR: PIT - Van Slyke (1); ATL - Justice (1)

ATTENDANCE: 57,347

ОСТО	DBER 10		L O	-1		
ATL	000	0 0 1	000	1	8	0
PIT	000	000	000	0	6	0

PIT: Smith (L), Mason (8), Belinda (9)

ATL: Avery (W), Pena (SV-9)

HR: PIT - None; ATL - None

ATTENDANCE: 57,533

ОСТО	DBER 12	- AT ATL	ANTA	L 3-10
PIT	100	1 0 0	100	3 10 2
ATL	4 1 1	000	1 3 x	10 11 0

PIT: Smiley (L), Landrum (3), Patterson (4), Kipper (6), Rodriguez (8)

ATL: Smoltz (W), Stanton (7), Wohlers (8), Pena (SV-8)

HR: PIT - Merced (1), Bell (1);

ATL - Gant (1), Olson (1) Bream (1)

ATTENDANCE: 50,905

ОСТО	OBER 13	- AT ATI	LANTA		W 3-	2 (1	0)
PIT	0 1 0	0 1 0	000	1	3	11	1
ATL	200	000	000	0	2	7	1

PIT: Tomlin, Walk (7), Belinda (W-9)

ATL: Leibrandt, Clancy (7), Stanton (8), Mercker (L-10), Wohlers (10)

HR: PIT - None; ATL - None

ATTENDANCE: 51,109

ОСТО	DBER 14	- AT AT	LANTA	١	N 1	-0
PIT ATL	0 0 0	0 1 0 0 0 0	0 0 0	1 0	6 9	2
ATL: (mith (W), Glavine (L) T - None; NDANCE:), Pena (9 ATL - No))			
ОСТО	DBER 16	- VS. AT	LANTA	L	. 0-	1

ATL	0 0 0	0 0 0	0 0 1	1	7	0
PIT	000	0 0 0	0 0 0	0	4	0

PIT: Drabek (L)

ATL: Avery (W), Pena (SV-9) HR: PIT - None: ATL - None

ATTENDANCE: 54,508

New York Yankees 18	:
Atlanta Braves 17	
Los Angeles Dodgers 16	
Oakland Athletics 16	
St. Louis Cardinals	
Philadelphia Phillies 11	
Cincinnati Reds 10	
Minnesota Twins 10	
Pittsburgh Pirates 9	
Baltimore Orioles	

Boston Red Sox	9
Los Angeles Angels of Anaheim	9
Cleveland Indians	8
San Francisco Giants	8
Chicago Cubs	7
Detroit Tigers	7
Houston Astros	7
Kansas City Royals	7
Texas Rangers	7

New York Mets......6

Toronto Blue Jays	6
Arizona Diamondbacks	5
Chicago White Sox	5
San Diego Padres	5
Wash. Nationals/Montreal Expos	5
Seattle Mariners	3
Milwaukee Brewers	2
Tampa Bay Rays	2
Colorado Rockies	0
Miami Marlins	0

ОСТ	OBER	12	- AT CIN	ICINNATI		L 1-	2
PIT	0 0	0	0 1 0	000	1	1	3
CIN	1.0	Ω	0.00	1 O x	2	9	Ω

PIT: Power, Smith (L-3), Belinda (7), Landrum (8)

CIN: Jackson, Charlton (W-7), Myers (SV-8)

HR: PIT - None; CIN - None ATTENDANCE: 56,079

PIRATES BA	TTING	STA	TISTIC	cs			
NAME	AVG	G	AB	R	н	HR	RBI
Belinda, p	.000	3	0	0	0	0	0
Bell, ss	.414	7	29	2	12	1	1
Bonds, of	.148	7	27	1	4	0	0
Bonilla, of	.304	7	23	2	7	0	1
Buechele, 3b	.304	7	23	2	7	0	0
Drabek, p	.200	2	5	0	1	0	1
Espy, ph	.000	2	2	0	0	0	0
Kipper, p	.000	1	0	0	0	0	0
Landrum, p	.000	1	0	0	0	0	0
LaValliere, c	.333	3	6	0	2	0	1
Lind, 2b	.160	7	25	0	4	0	3
Mason, p	.000	3	1	0	0	0	0
McClendon, 1b	.000	3	2	0	0	0	0
Merced, 1b	.222	3	9	1	2	1	1
Patterson, p	.000	1	0	0	0	0	0
Redus, 1b	.158	5	19	1	3	0	0
Rodriguez, p	.000	1	0	0	0	0	0
Slaught, c	.235	6	17	0	4	0	1
Smiley, p	.000	2	0	0	0	0	0
Smith, p	.000	2	5	0	0	0	0
Tomiln, p	.000	1	2	0	0	0	0
Van Slyke, of	.160	7	25	3	4	1	2
Varsho, ph	.500	2	2	0	1	0	0
Walk, p	.000	3	2	0	0	0	0
Wilkerson, ph	.000	4	4	0	0	0	0
Totals	.224	7	228	12	51	3	11

PIKAI ES I	211CH	ING 21	ΑH	3 I IC	3			
NAME	W-L	ERA	G	GS	SV	IP	н	ER
Belinda	1-0	0.00	3	0	0	5.0	0	0
Drabek	1-1	0.60	2	2	0	15.0	10	1
Kipper	0-0	4.50	1	0	0	2.0	2	1
Landrum	0-0	9.00	1	0	0	1.0	2	1
Mason	0-0	0.00	2	0	1	4.1	3	0
Patterson	0-0	0.00	1	0	0	2.0	1	0
Rodriguez	0-0	27.00	1	0	0	1.0	1	3
Smiley	0-2	23.63	2	2	0	2.2	8	7
Smith	1-1	0.61	2	2	0	14.2	15	1
Tomlin	0-0	3.00	1	1	0	6.0	6	2
Walk	0-0	1.93	3	0	1	9.1	5	2
Totals	3-4	2.57	7	7	2	63.0	53	18

ES

RATI

.....20 Jay Bell ...

Andy Van Slyke.....20

Barry Bonds20 Willie Stargell20

Doubles

- ATLANTA DEFEATS PITTSBURGH, FOUR GAMES TO THREE **OCTOBER 6 - AT ATLANTA OCTOBER 14 - AT ATLANTA** PIT 000 000 010 5 PIT 100 001 0 0 0 2 1 0 5 8 0 ATL 000 000 003 ATL 0 1 0 1 0 x PIT: Drabek (L), Patterson (5), Neagle (7), Cox (8) PIT: Drabek (L), Belinda (9) ATL: Smoltz (W), Stanton (9) ATL: Smoltz, Stanton (7), Smith (7), Avery (7), Reardon (W-9) HR: PIT - Lind (1); ATL - Blauser (1) HR: PIT - None; ATL - None ATTENDANCE: 51,971 ATTENDANCE: 51,975 **OCTOBER 7 - AT ATLANTA** PIRATES BATTING STATISTICS 000 000 410 7 0 NAME AVG 040 040 50x 13 14 0 ATL 0 .000 Belinda, p O Bell, ss .172 29 3 5 4 1 PIT: Jackson (L), Mason (2), Walk (3), Tomlin (5), Neagle (7), Bonds, of .261 7 23 5 6 1 2 Patterson (7), Belinda (8) .200 10 0 Cole, of 4 2 2 1 ATL: Avery (W), Freeman (7), Stanton (7), Wohlers (8), Cox. p .000 2 0 0 0 0 0 Reardon (9) Drabek, p .000 3 6 0 0 0 0 HR: PIT - None; ATL - Gant (1) Espy, of .667 4 3 0 2 0 0 ATTENDANCE: 51,975 Garcia, 2b .000 0 0 0 0 1 1 Jackson, p .000 0 0 0 **OCTOBER 9 - VS. ATLANTA** King, 3b .241 7 29 4 7 0 2 ATL 000 1 0 0 100 2 5 Ω LaValliere, c 0 0 .200 3 10 1 2 PIT 000 011 1 0 x 3 8 Lind, 2b .222 7 27 5 6 1 5 Mason, p .000 2 0 0 0 0 0 PIT: Wakefield (W) McClendon, of .727 5 11 4 8 1 4 ATL: Glavine (L), Stanton (7), Wohlers (8) 0 0 2 Merced, 1b .100 4 10 1 HR: PIT - Slaught (1); ATL - Bream (1), Gant (2) .000 0 Neagle, p 0 0 0 0 ATTENDANCE: 56.610 Patterson, p .000 2 0 0 0 0 0 5 7 0 438 16 4 3 Redus, 1b **OCTOBER 10 - VS. ATLANTA** 5 Slaught, c .333 5 12 4 1 5 0 2 0 0 2 2 11 1 ATL Tomlin, p .000 2 0 0 0 0 0 PIT 021 000 100 4 6 1 Van Slyke, of 276 7 29 0 1 8 4 Varsho, of .500 2 2 0 0 0 1 PIT: Drabek (L), Tomlin (5), Cox (6), Mason (7) 0 Wakefield, p .000 0 0 ATL: Smoltz (W), Stanton (7), Reardon (SV-9) Walk, p 0 000 2 5 0 \cap 0 HR: PIT - None: ATL - None 2 2 0 0 0 0 Wehner, ph .000 ATTENDANCE: 57.164 231 35 59 5 32 **Totals** .255 **OCTOBER 11 - VS. ATLANTA** 000 0 1 0 7 0 CIN 1 0 0 2 200 100 00x 3 6 1 **PIRATES PITCHING STATISTICS** NAME W-L ERA G GS ER PIT: Drabek (W), Patterson (SV-9) 0-0 0.00 Belinda CIN: Browning (L), Mahler (6), Charlton (7), Scudder (8) Cox 0-0 0.00 2 0 0 11 1 0 HR: PIT - None; CIN - None Drabek 0-33.71 3 3 0 17.0 18 7 ATTENDANCE: 48.221 Jackson 0-1 21.60 1 0 1.2 4 4 Mason 0-0 0.00 2 0 0 3.1 0 0 **OCTOBER 13 - AT ATLANTA** 0-0 27.00.2 0 0 12 5 Neagle 4 0 4 1 13 13 Patterson 0-0 5.40 2 0 1.2 3 ATL 000 100 1 0 2 4 9 1 Tomlin 0-0 6.75 2 0 0 22 5 2 2 Wakefield 2-0 3.00 2 0 18 O 14 6 PIT: Wakefield (W) Walk 1-0 3.86 2 1 0 11.2 6 5 ATL: Glavine (L), Leibrandt (2), Freeman (5), Mercker (7), 4.45 Wohlers (9) Totals 7 7 60.2 57 30 HR: PIT - Bell (1), Bonds (1), McClendon (1); ATL - Justice (1,2) ATTENDANCE: 51,975 Batting Average (10 AB) Lloyd McClendon 615 Barry Bonds 10 Jose Lind .2 Barry Bonds .6 Doug Drabek .5 Dave Giusti Andy Van Slyke .2 Gary Redus .3 Zane Smith .3 Six players tied at8 Willie Stargell ERA (9.0ip)

Willie Stargell 4 Stan Belinda 0.87 Stan Belinda 8 Zane Smith

Starts

7 Roh Walk

Three players tied at 3 Bert Blyleven 1.00 Two players tied at 7

Wins.

2017

REVIEW

2013 N.L.D.S. - ST. LOUIS DEFEATS PITTSBURGH, THREE GAMES TO TWO

ОСТ	OBER 3 -	AT ST.	LOUIS	L 1-9
PIT	0 0 0			1 4 3
STL	0 0 7	0 1 1	0 0 x	9 10 0

PIT: Burnett (L), Gomez (3), Mazzaro (7), Morris (8)

STL: Wainwright (W), Martinez (8), Rosenthal (9)

HR: PIT - Alvarez (1); STL - Beltran (1)

ATTENDANCE: 45,693

OCT	OBER 4 -	AT ST.	LOUIS	W 7-1
PIT	0 1 2	0 2 0	1 1 0	7 10 0
STL	000	0 1 0	000	1 4 1

PIT: Cole (W), Watson (7), Melancon (8), Grilli (9) STL: Lynn (L), Maness (5), Axford (6), Choate (6), Siegrist (7), Miller (8), Mujica (9)

HR: PIT - Alvarez (2), Marte (1); STL - Molina (1)

ATTENDANCE: 45,999

ОСТ	OBER 6 -	LOUIS	1	N E	5-3	
STL PIT	0 0 0 2 0 0			_	7 8	1 0

STL: Kelly, Maness (6), Axford (7), Martinez (L-8), Siegrist (8)

PIT: Liriano, Watson (7), Melancon (W-8), Grilli (SV-9)

HR: PIT - None; STL - Beltran (2)

ATTENDANCE: 40.489

ОСТ	OBER 7 -	VS. ST.	LOUIS	L 1-2	
STL PIT	0 0 0			2 3	-

PIT: Morton (L), Mazzaro (6), Wilson (7), Melancon (9) STL: Wacha (W), Martinez (8), Rosenthal (SV-9)

HR: PIT - Alvarez (3); STL - Holliday (1)

ATTENDANCE: 40,493

ОСТ	OBER 9 -	AT ST.	LOUIS		. 1-	6
PIT	000	000	1 0 0	1	8	1
STL	020	0 0 1	0 3 x	6	9	0

PIT: Cole (L), Wilson (6), Mazzaro (6), Watson (7), Melancon (8), Grilli (8)

STL: Wainwright (W)

HR: PIT - None; STL - Freese (1), Adams (1)

ATTENDANCE: 47.231

ОСТО	ВЕ	R	14	- AT AT	LANTA		L 2-	3
PIT	1	0	0	0 0 1	000	2	7	1
ATL	0	0	0	000	003	3	7	0

PIT: Drabek (L), Belinda (9)

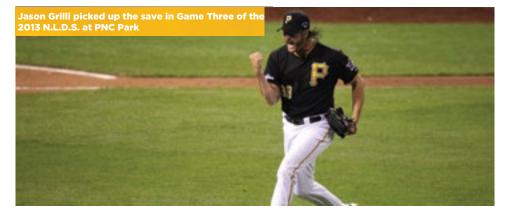
ATL: Smoltz, Stanton (7), Smith (7), Avery (7), Reardon (W-9)

HR: PIT - None; ATL - None

ATTENDANCE: 51,975

NAME	AVG	G	AB	R	н	HR	RI
Alvarez, 3b	.353	5	17	4	6	3	6
Barmes, ss	.286	5	7	0	2	0	0
Buck, c	.000	1	0	0	0	0	0
Burnett, p	.000	1	1	0	0	0	0
Byrd, of	.333	5	18	3	6	0	3
Cole, p	.250	2	4	0	1	0	1
Gomez, p	.000	1	1	0	0	0	0
Grilli, p	.000	3	0	0	0	0	0
Harrison, pr	.000	2	0	1	0	0	0
Jones, ph	.000	2	2	0	0	0	0
Liriano, p	.000	1	1	0	0	0	0
Marte, of	.053	5	19	1	1	1	1
Martin, c	.154	5	13	0	2	0	4
Mazzaro, p	.000	3	0	0	0	0	0
McCutchen, of	.278	5	18	2	5	0	0
Melancon, p	.000	4	0	0	0	0	0
Mercer, ss	.250	5	8	0	2	0	0
Morneau, 1b	.300	5	20	4	6	0	0
Morris, p	.000	1	0	0	0	0	0
Morton, p	.000	1	1	0	0	0	0
Sanchez, G., ph-1b	.000	2	2	0	0	0	0
Tabata, ph-of	.000	4	4	0	0	0	0
Walker, 2b	.000	5	19	0	0	0	0
Watson, p	.000	3	0	0	0	0	0
Wilson, p	.000	2	0	0	0	0	0
Totals	.201	5	154	15	31	4	15

PIRATES	PITCH	ING ST	ΆΤΙ	STIC	S			
NAME	W-L	ERA	G	GS	sv	IP	Н	ER
Burnett	0-1	31.50	1	1	0	2.0	6	7
Cole	1-1	2.45	2	2	0	11.0	5	3
Gomez	0-0	0.00	1	0	0	4.0	3	0
Grilli	0-0	0.00	3	0	1	2.1	3	0
Liriano	0-0	3.00	1	1	0	6.0	3	2
Mazzaro	0-0	0.00	3	0	0	1.2	0	0
Melancon	1-0	9.82	4	0	0	3.2	5	4
Morris	0-0	0.00	1	0	0	1.0	1	0
Morton	0-1	3.18	1	1	0	5.2	3	2
Watson	0-0	0.00	3	0	0	3.0	2	0
Wilson	0-0	3.38	2	0	0	2.2	2	1
Totals	2-3	3.98	5	5	1	43.0	33	19



2013 WILD CARD - PITTSBURGH DEFEATS CINCINNATI

ОСТО	OBER 1 -	VS. CIN	CINNATI	W 6	-2
CIN	0 0 0	1 0 0	0 1 0	2 6	0
PIT	0 2 1	2 0 0	1 O x	6 14	0
		-	(8), Grilli (9) I (4), Hoove	r (4), Simon ((5),

Parra (6), Ondrusek (7), LeCure (8) HR: PIT - Byrd (1), Martin (1)(2); CIN - Choo (1)

ATTENDANCE: 40,487



PIRATES BA	PIRATES BATTING STATISTICS									
NAME	AVG	G	AB	R	н	HR	RBI			
Alvarez, 3b	.000	1	3	0	0	0	1			
Barmes, ss	.250	1	4	0	1	0	0			
Byrd, of	.500	1	4	1	2	1	2			
Grilli, p	.000	1	0	0	0	0	0			
Liriano, p	.500	1	2	0	1	0	0			
Marte, of	.400	1	5	1	2	0	0			
Martin, c	.750	1	4	2	3	2	2			
McCutchen, o	f .667	1	3	1	2	0	0			
Morneau, 1b	.250	1	4	0	1	0	0			
Snider, ph	.000	1	1	0	0	0	0			
Walker, 2b	.400	1	5	1	2	0	1			
Watson, p	.000	1	0	0	0	0	0			
Totals	.400	1	35	6	14	3	6			

PIRATES PITCHING STATISTICS								
NAME	W-L	ERA	G	GS	SV	IP	<u> </u>	ER
Grilli	0-0	0.00	1	0	0	1.0	0	0
Liriano	1-0	1.29	1	1	0	7.0	4	1
Watson	0-0	9.00	1	0	0	1.0	2	1
Totals	1-0	2.00	1	1	0	9.0	6	2

2014 WILD CARD - SAN FRANCISCO DEFEATS PITTSBURGH

ОСТО	BER 1 -	VS. SAN	I FRANCISCO	L 0-8
SF PIT		4 0 1 0 0 0		8 11 2 0 4 0

PIT: Volquez (L), Wilson (6), Hughes (6), LaFromboise (7), Holdzkom (8), Melancon (9)

SF: Bumgarner (W)

HR: PIT - None; SF - Crawford (1) **ATTENDANCE: 40,629**



PIRATES BA	TTING	STA	TISTI	CS			
NAME	AVG	G	AB	R	н	HR	RBI
Harrison, 3b	.500	1	4	0	2	0	0
Holdzkom, p	.000	1	0	0	0	0	0
Hughes, p	.000	1	0	0	0	0	0
LaFromboise, p	.000	1	0	0	0	0	0
Marte, of	.250	1	4	0	1	0	0
Martin, c	.250	1	4	0	1	0	0
McCutchen, of	.000	1	3	0	0	0	0
Mercer, ss	.000	1	4	0	0	0	0
Morel, ph	.000	1	1	0	0	0	0
Sanchez, G., 1b	.000	1	3	0	0	0	0
Snider, of	.000	1	2	0	0	0	0
Tabata, of	.000	1	2	0	0	0	0
Walker, 2b	.000	1	4	0	0	0	0
Volquez, p	.000	1	1	0	0	0	0
Watson, p	.000	1	0	0	0	0	0
Wilson, p	.000	1	0	0	0	0	0
Totals	.121	1	33	0	4	0	0

PIRATES I	PITCH	ING ST	AT	STIC	S			
NAME	W-L	ERA	G	GS	sv	IP	н	ER
Holdzkom	0-0	9.00	1	0	0	1.0	2	1
Hughes	0-0	18.00	1	0	0	1.0	3	2
LaFrombois	e 0-0	0.00	1	0	0	0.2	0	0
Melancon	0-0	0.00	1	0	0	1.0	0	0
Volquez	0-1	9.00	1	1	0	5.0	5	5
Wilson	0-0	0.00	1	0	0	0.1	1	0
Totals	0-1	8.00	1	1	0	9.0	11	8

2015 WILD CARD - CHICAGO DEFEATS PITTSBURGH

OCTOBER 7 - VS. CHICAGO L 0-4									
СНІ	1 0 2	0 1 0	000	4 7 0					
PIT	000	0 0 0	0 0 0	0 5 1					

PIT: Cole (L), Bastardo (6), Watson (7), Soria (8), Melancon (9)

CHI: Arrieta (W)

HR: PIT - None; CHI - Schwarber (1), Fowler (1)

ATTENDANCE: 40,889



NAME	AVG	G	AB	R	н	HR	R
Alvarez, ph-1b		1	3	0	0	0	0
Bastardo, p	.000	1	0	0	0	0	0
Cervelli, c	.333	1	3	0	1	0	0
Cole, P	.000	1	1	0	0	0	0
Harrison, 3b-ss	.000	1	3	0	0	0	0
Marte, If	.000	1	4	0	0	0	0
Melancon, p	.000	1	0	0	0	0	0
Mercer, ss	.000	1	2	0	0	0	0
McCutchen, cf	.500	1	4	0	2	0	0
Morse, ph	1.000	1	1	0	1	0	0
Polanco, rf	.000	1	4	0	0	0	0
Ramirez, ph-3b	.000	1	1	0	0	0	0
Rodriguez, 1b	.000	1	0	0	0	0	0
Snider, ph	1.000	1	1	0	1	0	0
Soria, p	.000	1	0	0	0	0	0
Walker, 2b	.000	1	3	0	0	0	0
Watson, p	.000	1	0	0	0	0	0
Totals	.167		30	0	5	0	0

PIRATES PITCHING STATISTICS								
NAME	W-L	ERA	G	GS	SV	IP	н	ER
Bastardo	0-0	0.00	1	0	0	1.0	0	0
Cole	0-1	7.20	1	1	0	5.0	6	4
Melancon	0-0	0.00	1	0	0	1.0	1	0
Soria	0-0	0.00	1	0	0	1.0	0	0
Watson	0-0	0.00	1	0	0	1.0	0	0
Totals	0-1	4.00	1	1	0	9.0	7	4

PITTSBURGH PIRATES ALL-TIME WILD CARD ROSTER

Includes all players who were eligible to participate in one or more Wild Card Game with the Pirates. Players who were eligible in a given year but did not make a playing appearance in the game are noted with an asterisk next to the year.

Pedro Alvarez2013, 2015
Clint Barmes2013, * 2014
Antonio Bastardo2015
Joe Blanton* 2015
Keon Broxton* 2015
John Buck* 2013
Marlon Byrd2013
Arquimedes Caminero* 2015
Francisco Cervelli2015
Gerrit Cole* 2013, 2015
Ike Davis* 2014
Elias Diaz* 2015
Pedro Florimon* 2015
Jeanmar Gomez* 2013
Jason Grilli2013
Josh Harrison* 2013, 2014, 2015

John Holdzkom2014
Jared Hughes2014, * 2015
Garrett Jones* 2013
Bobby LaFromboise2014
Andrew Lambo* 2014
Francisco Liriano 2013, * 2015
Jeff Locke* 2014
Starling Marte2013, 2014, 2015
Russell Martin2013, 2014
Vin Mazzaro* 2013
Andrew McCutchen2013, 2014, 2015
Mark Melancon* 2013, 2014, 2015
Jordy Mercer* 2013, 2014, 2015
Brent Morel2014
Justin Morneau2013
Bryan Morris* 2013

Michael Morse	2015
Gregory Polanco* 2014,	2015
Aramis Ramirez	2015
Sean Rodriguez	2015
Gaby Sanchez* 2013,	2014
Tony Sanchez* 2013, *	2014
Travis Snider2013, 2014,	2015
Joakim Soria	2015
Chris Stewart* 2014, *	2015
Jose Tabata* 2013,	2014
Edinson Volquez	2014
Neil Walker2013, 2014,	2015
Tony Watson2013, *2014,	2015
Justin Wilson*2013,	2014
Vance Worley	2014



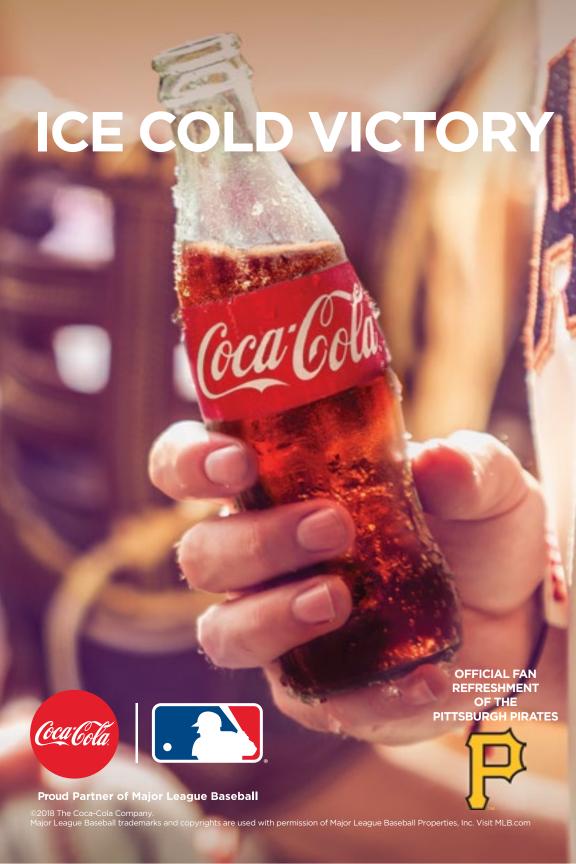
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