



GAME INFORMATION



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Information provided by the Pittsburgh Pirates Communications Department

THE PIRATES... finished the season with an 82-79 record and a fourth-place finish in the National League Central division; the only division in the Majors that had four teams finish with winning records...Went 15-8 in their last 23 games and 17-11 in their last 28...Produced a 41-31 record since July 8 and went 45-38 in their last 83 games, dating back to 6/25...Were a season-high nine games over .500 following the action on 5/17 (26-17)...Scored a season-high 14 runs on 4/6 vs. Cincinnati...Won a season-high 11 straight games between 7/11-24; their longest winning streak since 1996 (also 11 games).

STRONG FINISH: The Bucs produced the fifth-best record (16-10) in the National League during the month of September and the ninth-best in the Major Leagues, dating back to July 8...In that time, only the Athletics (48-25), Red Sox (47-25), Rays (46-28), Rockies (45-29), Astros (43-28), Dodgers (44-31), Cubs (45-32) and Brewers (43-31) posted a better record than the Pirates (42-31).

WINNING WAYS: The Pirates have posted a winning record in four of the last six seasons and have advanced to the postseason three times in that span...Since the start of the 2013 season, Pittsburgh's 515-455 (.531) record is the eighth-best in Major League Baseball and the fifth-best in the National League behind the Dodgers (565-408, .581), Cardinals (544-428, .560), Nationals (539-433, .555) and Cubs (526-446, .541)...The Indians (545-425, .562), Red Sox (540-432, .556) and Yankees (531-441, .546) rank second, fourth and sixth overall respectively.

WANNA BE STARTING SOMETHING: Following the All-Star break, Pittsburgh's starting pitchers posted the eighth-lowest ERA in the Major Leagues (3.48) and tied for third with 26 wins; only the Indians and Mets' starters won more games (30).

POWER PITCHING: Pittsburgh's pitching staff ranked third in the Majors with 16 shutouts, trailing only the Cubs (18) and Indians (17)...Dating back to July, the Pirates posted the second-lowest ERA (3.38) in the Major Leagues behind the Dodgers (3.19)...In his seven seasons as Pittsburgh's Pitching Coach (2011-2018), **Ray Searage** has guided the Pirates to the sixth-lowest ERA (3.78) in Major League Baseball.

1-2 PUNCH: **Trevor Williams** (3.11) and **Jameson Taillon** (3.20) ranked seventh and ninth respectively among the National League leaders in ERA...This marks the first time since 1991 that the Pirates finished the season with two pitchers among the top 10 ERA leaders; **Randy Tomlin** (2.98) ranked eighth and **Doug Drabek** (3.07) was tenth that season.

THE DYNAMIC DUO: **Jameson Taillon** (14-9) and **Trevor Williams** (14-9) shared the team lead in victories this season...The last time the Pirates had two right-handed pitchers win 14 or more games in the same season was 1978 when **Bert Blyleven** (14-10) and **Don Robinson** (14-6) did so...The last season in which two Pittsburgh pitchers won 14 games or more was 1992; righthander **Doug Drabek** (15-11) and lefthander **Randy Tomlin** (14-9)...It also marks the fifth time in the last 100 seasons in which the Pirates have had two 14-game winners age 26 or younger (last time was **John Candelaria** and **Bruce Kison** in 1976).

BULLISH PEN: Pittsburgh relief pitchers posted a club-record 584 strikeouts (previous mark was 526 in 2016) and surrendered the fifth-lowest amount of home runs (57) among all Major League teams in 2018...For the first time in club history, the Pirates had two relievers (**Felipe Vázquez** - 89 and **Richard Rodríguez** - 88) strike out at least 80 batters in the same season.

THE OUTFIELD: Pittsburgh's outfielders recorded 215 extra base hits this season, the highest total among N.L. teams in 2018 and the most for the club since 2008 (215)...The 215 extra base hits by the Bucco outfielders were the third-most in all of Major League Baseball this season, trailing only the Red Sox (235) and Blue Jays (222)...In addition, the Pittsburgh outfielders ranked third among all Major League teams with 915 total bases, trailing only the Red Sox (973) and Brewers (925).

THE MEN BEHIND THE MASK: Pittsburgh catchers led all National League teams with a .353 on-base percentage; second only to the White Sox (.354) in MLB...Among all Major League teams, the Bucco backstops ranked second in OPS (.779) and slugging percentage (.426) behind the Dodgers, who produced a .786 OPS and a .438 slugging pct.

PROCEED WITH CAUTION: **Francisco Cervelli** threw out 21 runners attempting to steal against him, tied with Philadelphia's Jorge Alfaro for the most among National League catchers in 2018...Cervelli threw out a career-high 23 runners in his first season with the Pirates in 2015...Among all Major League teams this season, Pittsburgh finished tied for fourth with 34 caught stealings by its catchers, trailing only Oakland (42), Baltimore (41) and Milwaukee (35).

CAN I ASSIST YOU?: Pittsburgh's 34 outfield assists led all National League teams and trailed only Detroit (35) for the most among all Major League teams...The Bucco outfielders also led the National League in assists as recently as 2016 with 35.

GOLD IN LEFT FIELD: **Corey Dickerson** won his first Rawlings Gold Glove Award...He ranked first among National League left fielders with a .996 fielding percentage and second among all N.L. outfielders in fielding percentage behind Colorado's Charlie Blackmon (.997), who made one error in 297 chances...Dickerson made one error in 263 total chances and set career highs in assists (seven) and starts (122)...He made his lone error (a throwing miscue) on 8/26 at Milwaukee.

SEIZING THE CENTRAL: The Bucs posted a 43-33 record against teams from the N.L. Central, the only division with four teams to finish with a winning record in 2018...It was the best intra-divisional record among the five teams and Pittsburgh's second winning season against the division since it was formed in 1994...The Pirates went 45-31 against their divisional rivals in 2013.

HURDLE AT THE HELM: On the final day of the 2018 season, **Clint Hurdle** picked up his 1200th career win as a Major League manager; one of just three active managers (as of 10/18/18) with as many victories...In the eight seasons with Hurdle at the helm (2011-2018), the Pirates have produced the 10th-best winning percentage in MLB (.515) and the 10th-most wins (666).

GIVING THEM THE WILLIES: **Trevor Williams** finished seventh among the National League leaders with a 3.11 ERA...His 1.38 ERA after the All-Star break was the second-lowest among all Major League starting pitchers behind Tampa Bay's Blake Snell (1.17) and the second-lowest in Pirates history (since 1933) behind **Zane Smith**'s 1.30 mark in 1990...Williams was the only pitcher in Major League Baseball this season to make 10 starts of at least 6.0 innings without allowing a run (Justin Verlander with nine) and also became the first pitcher in team history (since 1908) to make 10 starts of at least 6.0 innings without allowing a run.

JAMO: **Jameson Taillon** posted the fifth-lowest ERA in the Majors Leagues (2.63) from June 1 thru the end of the season and ranked ninth overall among the National League leaders in ERA (3.20)...He was one of only four pitchers in the league to throw two complete games (also Max Scherzer, Mike Foltynewicz and Noah Syndergaard) and led the Pirates in starts (32), innings pitched (191.0) and strikeouts (179)...Taillon allowed three earned runs or less in each of his last 22 starts - one of just two true starting pitchers in MLB in 2018 to make at least 22 straight starts while allowing three earned runs or less; the other being New York's Jacob deGrom, who did so in a Major League record 29 straight.

A STARLING SHINING BRIGHTLY: **Starling Marte** had a career-high 20 home runs and ranked third in the National League with his 33 stolen bases...Marte is just the third player in team history to produce at least 20 homers and 30 steals in the same season, joining **Barry Bonds** (1987, 1990-92) and **Andy Van Slyke** (1987-88)...Marte is also one of only four Pirates all-time with at least five seasons of 40 extra-base hits and 30 stolen bases (also **Honus Wagner**, **Max Carey** and **Barry Bonds**)...In 2018, Starling produced the longest hitting streak in the league (17 games-tied) and ranked sixth among the N.L. leaders with a .330 batting average with runners in scoring position.

COREY'S CONTRIBUTIONS: In addition to his Gold Glove play in left field, **Corey Dickerson** finished the season with a .300 batting average; good for eighth among the N.L. leaders...His 55 extra base hits were the most by a Pirates left fielder since **Jason Bay** recorded 67 in 2006.

GET WELL GREGORY: Despite missing the last three weeks and 20 games of the season, **Gregory Polanco** led all National League right fielders with 60 extra-base hits and tied Bryce Harper for the most home runs hit from that position (23)...Only Atlanta's Nick Markakis (264) had more total bases among N.L. right fielders than Polanco (228)...Gregory led the Pirates in home runs (23), RBI (81) and OPS (.839) this season.

THE NEW "K ROD": **Richard Rodríguez** led all National League rookie relief pitchers with 88 strikeouts and was third among all Major League rookie relievers in that department behind Tampa Bay's Ryan Yarbrough (106) and Los Angeles' Noe Ramirez (93)... Rodríguez' 88 strikeouts established a club record for a rookie reliever; righthander **Blas Minor** had the previous rookie record with 84 Ks 1993.

CLOSING IT OUT: **Felipe Vázquez** finished the season ranked third among the National League leaders with his career-high 37 saves (42 chances)...His 89 strikeouts were the second-most among left-handed relief pitchers in the league behind Milwaukee's Josh Hader (143) and only Colorado's Wade Davis (63) finished more games than Felipe (60)...With 58 career saves in a Pittsburgh uniform, Vázquez will enter the 2019 season ranked ninth on the club's all-time list - first among lefthanders.

ODDITY: For the first time in team history, the Pirates did not have a complete game thrown against them (the previous low was one in 2013).

BUCS WHEN...	
Last five games	2-3
Last ten games	5-5
Leading after 6	66-6
Tied after 6	10-8
Trailing after 6	6-65
Leading after 7	69-3
Tied after 7	7-8
Trailing after 7	5-68
Leading after 8	69-2
Tied after 8	8-2
Trailing after 8	4-75
Scoring first	58-24
Opp. score first	24-55
Scoring 3 or More Runs	71-36
Scoring less Than 3 Runs	11-43
Scoring 4 or More Runs	63-26
Scoring less than 4 Runs	19-53
Outhitting Opp.	53-12
Being out-hit	17-59
Hits are equal	12-8
Comeback wins	29
Wins in final AB	15
Walkoff Wins	7
Losses in final AB	13
Walkoff Losses	6
Extra Inning Games	7-5
Playing errorless	52-38
Homered	55-39
Hitting 2+ homers	26-17
Going Homerless	27-40
Series (W-L-T)	23-22-7
Series Sweeps	9
Swept in a Series	6
Interleague	15-5
Before the break	48-49
After the break	34-30
Starter goes 6.0ip+	57-30
Starter goes less than 6.0ip	25-49
Stealing at least 1 Base	29-22
Stealing No Bases	53-57
I-Run Games	29-22
Extra-Inning Games	7-5



WORLD CHAMPIONS 1909 • 1925 • 1960 • 1971 • 1979
NATIONAL LEAGUE CHAMPIONS 1901 • 1902 • 1903 • 1927
N.L. DIVISION CHAMPIONS 1970 • 1972 • 1974 • 1975 • 1990 • 1991 • 1992
N.L. WILD CARD 2013 • 2014 • 2015



2018 PIRATES DAY BY DAY

Game												Total Home		Game												Total Home	
Date	No.	OPP.	W/L	Score	Record	Pos.	GB/A	Winning Pitcher	Losing Pitcher	Save	Attendance	Attendance	Date	No.	OPP.	W/L	Score	Record	Pos.	GB/A	Winning Pitcher	Losing Pitcher	Save	Attendance	Attendance		
MARCH (1-0)														JULY (17-9)													
29	1	at Det	W	13-10	(13)	1-0	-0.5	PPD - RAIN (rescheduled for March 30)			42,516		1	83	at SD	W	7-5	40-43	4	-8.0	Crick (1-1)	Ross (5-6)	Vázquez (17)	32,099			
30	1	at Det	W	7-5			-0.5	Brault (1-0)	Wilson (0-1)				2	84	at LA	L	1-17	40-44	4	-9.0	Wood (5-5)	Kingham (2-4)	Ferguson (11)	45,207			
31	1	at Det	W	7-5			-1.0	PPD - RAIN (rescheduled for April 1)					3	85	at LA	L	3-8	40-45	4	-10.0	Kershaw (2-4)	Nova (4-6)		48,819			
APRIL (16-12)														AUGUST (10-17)													
1	2	at Det	W	1-0	2-0	2	-0.5	Williams (1-0)	Fulmer (0-1)	Vázquez (1)	14,858		1	109	CHI	L	2-9	56-53	3	-7.0	Hamel (6-9)	Kingham (5-6)		18,600	1,071,482		
1	3	at Det	W	8-6	3-0	11	-	Kuhl (1-0)	Farmer (0-1)	Vázquez (2)	18,438		2	110	STL	W	7-6	57-53	3	-6.5	Crick (2-1)	Hicks (3-3)	Vázquez (25)	26,773	1,098,255		
2	4	MIL	W	5-4	4-0	1	+0.0	Taillon (1-0)	Lynn (0-1)	Kontos (1)	30,186	30,186	3	111	STL	L	4-8	57-54	3	-7.5	Hudson (2-0)	McRae (0-1)		32,473	1,130,728		
4	5	MIL	L	3-7	4-1	1	+0.5	Rogers (1-0)	Nova (0-1)		20,690	50,876	4	112	STL	L	1-2	57-55	4	-7.5	Flaherty (5-6)	Williams (9-8)	Norris (21)	19,376	1,150,104		
5	6	CIN	W	5-2	5-1	1	+1.5	Brault (2-0)	Bailey (0-2)	Vázquez (3)	9,227	60,103	5	113	at Col	L	0-2	57-56	4	-8.5	Freeland (10-7)	Freeland (5-6)	Davis (32)	34,471			
6	7	CIN	W	14-3	6-1	1	+1.5	Williams (2-0)	Castillo (0-2)		11,115	71,218	6	114	at Col	W	10-2	58-56	4	-8.5	Taillon (9-8)	Bettis (5-2)		31,649			
7	8	CIN	L	4-7	6-2	1	+1.5	Peralta (1-0)	Kontos (0-1)	Iglesias (2)	14,336	85,554	7	115	at Col	W	4-3	59-56	4	-7.5	Archer (1-0)	Marquez (9-9)	Vázquez (26)	35,702			
8	9	CIN	W	5-0	7-2	1	+2.0	Taillon (2-0)	Mahle (1-1)		11,251	96,805	8	116	at SF	W	10-5	60-56	4	-7.0	Nova (7-6)	Suárez (4-8)		40,035			
9		at Chi					+2.0	PPD - SNOW (rescheduled for April 10)					9	117	at SF	L	10-13	60-57	4	-8.0	Holland (6-8)	Holmes (1-2)		41,762			
10	10	at Chi	W	8-5	8-2	1	+3.0	Nova (1-1)	Chatwood (0-2)	Vázquez (4)	40,144		10	118	at SF	W	4-0	61-57	4	-7.0	Williams (10-8)	Blach (6-7)		41,209			
11	11	at Chi	L	5-13	8-3	1	+2.0	Duensing (1-0)	Glasnow (0-1)		35,596		11	119	at SF	L	3-4	61-58	4	-8.0	D. Rodriguez (6-1)	Musgrove (4-7)	Smith (8)	41,980			
12	12	at Chi	W	6-1	9-3	1	+2.5	Williams (3-0)	Hendricks (0-1)		29,949		12	120	at Min	L	2-5	61-59	4	-8.0	Odorizzi (5-7)	Taillon (9-9)	Hildenberger (2)	28,515			
13	13	at Mia	L	2-7	9-4	1	+2.5	Peters (2-1)	Kuhl (1-1)		6,852		13	121	at Min	L	4-6	61-60	4	-9.0	Moya (3-0)	Santana (2-2)	Hildenberger (3)	26,191			
14	14	at Mia	W	1-0	10-4	1	+2.5	Kontos (1-1)	Zeigler (0-3)	Vázquez (5)	26,816		14	122	CHI	L	0-1	61-61	4	-10.0	Lester (13-5)	Nova (7-7)	Strop (10)	21,783	1,171,887		
15	15	at Mia	W	7-3	11-4	1	+2.5	Nova (2-1)	Ureña (0-3)		10,621		15	123	CHI	L	0-1	61-62	4	-11.0	Hamel (1-0)	Williams (10-9)	Chevez (2)	24,298	1,196,185		
16	16	COL	L	2-6	11-5	1	+2.0	Marquez (1-1)	Brault (2-1)		8,958	105,763	16	124	at Chi	W	3-1	62-62	4	-10.0	Musgrove (5-7)	Chatwood (4-6)	Vázquez (27)	35,100	1,231,285		
17	17	COL	L	0-2	11-6	1	+1.0	Bettis (3-0)	Williams (3-1)	Davis (8)	8,869	114,632	17	125	CHI	W	2-1	(11)	63-62	4	-9.0	R. Rodriguez (3-2)	Kintzler (1-3)		24,283	1,255,568	
18	18	COL	W	10-2	12-4	1	+1.5	Kuhl (2-1)	Freeland (0-3)		8,970	123,602	18	126	ATL	L	0-1	63-63	4	-9.5	Wilson (1-0)	Archer (1-1)	Winkler (2)	16,445	1,272,013		
19	19	at Phi	L	0-7	12-7	1	+1.5	Arrieta (2-0)	Taillon (2-1)		19,071		19	127	ATL	L	1-6	63-64	4	-9.5	Gausman (3-1)	Novo (7-8)		13,280	1,285,293		
20	20	at Phi	L	1-2	12-8	1	+0.5	Garcia (2-1)	Kontos (1-2)	Neris (3)	20,183		20	128	ATL	L	1-2	63-65	4	-10.5	Teheran (9-7)	Crick (2-2)	Venters (1)	12,249	1,299,542		
21	21	at Phi	L	2-6	12-9	3	-0.5	Nola (2-1)	Feliz (0-1)	Neris (4)	28,161		21	129	at Mil	L	6-7	(15)	63-66	4	-12.0	Lyles (3-4)	Holmes (1-3)		34,607		
22	22	at Phi	L	2-3	(11)	12-10	3	-1.5	Rios (3-0)	R. Rodriguez (0-1)		29,199		22	130	at Mil	W	9-1	64-66	4	-12.0	Taillon (10-9)	Chacin (13-5)		40,422		
24	DET						-2.0	PPD - RAIN (rescheduled for April 25)					23	131	at Mil	L	4-7	64-67	4	-13.0	Archer (1-2)	Jeffress (7)	39,607				
25	23	DET	L	10-13	12-11	4	-2.5	Stumpf (1-0)	Taillon (2-2)	Greene (4)	---		24	132	at Sil	L	2-5	64-68	4	-14.0	Flaherty (8-6)	Nova (7-9)	Norris (28)	35,258			
25	24	DET	W	8-3	13-11	3	-2.5	Kuhl (3-1)	Boyd (0-2)		9,396	132,998	25	133	at Sil	W	2-0	65-68	4	-13.5	Williams (11-9)	Mikolas (13-4)	Vázquez (28)	33,448			
26	25	DET	W	1-0	14-11	3	-1.5	Vázquez (1-0)	Wilson (0-3)		12,049	145,047	26	134	at Sil	L	0-5	65-69	4	-14.5	Gant (6-5)	Musgrove (5-8)		38,561			
27	26	STL	W	6-5	(11)	13-11	3	-0.5	Kontos (2-2)	Hicks (1-1)		15,748	160,795	27	135	at Atl	W	3-2	66-69	4	-13.5	Taillon (11-9)	Brach (1-2)	Vázquez (29)	36,650		
28	27	STL	W	6-2	16-11	1	+0.5	Williams (4-1)	Flaherty (0-1)		18,568	179,363	SEPTEMBER (16-10)														
29	28	STL	W	5-0	17-11	1	+0.5	Kingham (1-0)	Weaver (2-2)		14,378	193,741	1	136	at Atl	L	3-5	66-70	4	-14.5	Venters (2-0)	Kela (0-1)	Minter (12)	33,705			
30	29	at Was	L	2-3	17-12	2	-0.5	Roark (2-2)	Taillon (2-3)	Kintzler (1)	20,879		2	137	at Atl	L	1-5	66-71	4	-15.5	Venters (3-0)	Brault (5-3)		37,475			
MAY (12-15)														OCTOBER (8-10)													
1	30	at Was	L	4-12	17-13	4	-0.5	Scherzer (6-1)	Kuhl (3-2)		23,534		1	138	CIN	W	5-1	67-71	4	-14.5	Williams (12-9)	Harvey (6-8)		13,843	1,313,385		
2	31	at Was	L	3-9	17-14	4	-1.5	Strasburg (3-3)	Nova (2-2)		27,086		2	139	CIN	W	7-3	68-71	4	-13.5	Musgrove (6-8)	Reed (0-2)		8,855	1,322,240		
3	32	at Was	L	1-3	17-15	4	-2.0	Salis (1-1)	Williams (4-2)	Doolittle (6)	30,434		3	140	CIN	W	3-2	69-71	4	-13.5	Taillon (12-9)	Bailey (1-14)	Vázquez (30)	9,560	1,331,800		
4	33	at Mil	W	6-4	18-15	4	-1.5	Kingham (2-0)	Guerra (2-2)	Vázquez (6)	32,869		4	141	MIA	W	5-3	70-71	4	-13.5	R. Rodriguez (4-2)	Guerrero (1-3)	Vázquez (31)	19,515	1,351,315		
5	34	at Mil	L	3-5	18-16	4	-2.5	Hofer (1-0)	Kontos (2-3)		32,720		5	142	MIA	W	5-1	71-71	4	-12.0	Nova (8-9)	Chen (6-10)		16,110	1,367,425		
6	35	at Mil	W	9-0	19-16	3	-2.5	Kuhl (4-2)	Anderson (3-3)		38,285		6	143	at Sil	L	7-8	71-72	4	-12.0	PPD - RAIN (not made up)						
8	36	at CWS	W	10-6	20-16	3	-1.0	Glasnow (1-1)	Volstad (0-2)		12,871		7	144	at Sil	L	5-11	71-73	4	-13.0	Mikolas (15-4)	Musgrove (6-9)		37,187			
9	37	at CWS	W	6-5	21-16	72	-0.5	R. Rodriguez (1-1)	Jones (2-1)	Vázquez (7)	12,476		8	145	at Sil	W	4-3	72-73	4	-12.0	Taillon (13-9)	Poncedeleon (0-2)	Vázquez (32)	39,606			
11	38	SF	W	11-2	22-16	3	-1.0	Brault (3-0)	Suarez (1-2)		34,720	228,461	9	146	at Mil	L	4-7	72-74	4	-13.5	Burnes (5-0)	Archer (1-3)	Jeffress (12)	39,482			
12	39	SF	W	6-5	23-16	2	-0.05	Vázquez (2-0)	Watson (1-2)		27,502	255,963	10	147	at Mil	W	3-1	73-74	4	-13.5	Nova (9-9)	Davies (2-6)	Vázquez (33)	37,358			
13	40	SF	L	0-5	23-17	2	-0.5	Holland (2-4)	Nova (2-3)		22,649	278,612	11	148	at Mil	W	3-2	74-74	4	-12.5	Williams (13-9)	Chacin (14-8)	Vázquez (34)	32,180			
15	41	CWS	W	7-0	24-17	1	+0.04	Williams (5-2)	Lopez (0-3)		11,847	290,459	12	149	at Mil	W	7-6	75-74	4	-12.5	Santana (3-3)	Lively (0-1)		10,316	1,377,741		
16	42	CWS	W	3-2	25-17	1	+0.04	Santana (1-0)	Soria (0-2)	Vázquez (8)	20,286	310,745	13	150	at Sil	W	2-1	(11)	76-74	4	-12.5	Crick (3-2)	Smith (1-6)		11,566	1,389,307	
17	43	SD	W	5-4	26-17	1	+0.0	Santana (2-0)	Strahm (0-1)	Vázquez (9)	11,404	322,149	14	151	at Sil	W	2-1	77-74	4	-11.5	Archer (2-3)	Fillymer (3-2)	Vázquez (35)	13,073	1,402,380		
18	44	SD	L	2-3	26-18	2	-1.5	Ross (3-3)	Nova (2-4)	Hand (13)	18,920	341,069	15	152	MIL	L	3-8	77-75	4	-11.5	Burnes (6-0)	Santana (3-4)		19,243	1,421,623		
19	45	SD	L	2-6	26-19	2	-1.5	Richard (3-5)	Kingham (2-1)	Hand (14)	20,578	361,647	16	153	MIL	W	3-0	78-75	4	-11.5	Williams (14-9)	Davies (2-7)	Vázquez (36)	23,070	1,444,693		
20	46	SD	L	5-8	26-20	4	-1.5	Yates (3-0)	Vázquez (2-1)	Hand (14)	17,783	379,430	17	154	MIL	L	6-13	78-76	4	-12.5	Knebel (3-3)	Kingham (5-7)		20,623	1,465,316		
22	47	at Cin	L	2-7	26-21	4	-3.0	Harvey (1-2)	Taillon (2-4)		16,144		18	155	at Chi	W	5-1	79-76	4	-11.5	Taillon (14-9)	Hamel (4-2)		34,470			
23	48	at Cin	W	5-4	(12)	27-21	2	-3.0	Brault (1-1)	Flora (1-1)	Crick (1)	18,659		19	156	at Chi	L	6-7	(10)	80-77	4	-11.5	Archer (3-3)	Montgomery (5-6)		33,443	
24	49	at Cin	L	4-5	27-22	3	-3.0	Castillo (4-4)	Nova (2-5)	Hughes (2)	14,853		20	157	at Chi	L	6-7	(10)	80-77	4	-11.5	Kintzler (3-3)	R. Rodriguez (4-3)		32,874		
25	50	STL	W	8-1	28-22	2	-3.0	Musgrove (1-0)	Gant (1-2)		22,629	402,059	21	158	at Chi	L	0-3	80-78	4	-12.5	Lester (18-6)	Williams (14-10)	Chevez (4)	38,415			
26	51	STL	L	1-4	28-23	3	-4.0	Flaherty (2-1)	Williams (

24 - RHP CHRIS ARCHER

YEAR	W-L	ERA	G	GS	CG	SHO	IP	H	R	ER	BB	SO
2018 (Tampa Bay)	3-5	4.31	17	17	0	0	96.0	102	50	46	31	102
2018 (Pittsburgh)	3-3	4.30	10	10	0	0	52.1	53	27	25	18	60
M.L. CAREER	57-71	3.72	189	187	3	3	1115.1	1013	514	461	365	1206

DATE/OPP	W/L	IP	H	R	ER	BB	SO	PITCHES	ERA	SCORE	DATE/OPP	W/L	IP	H	R	ER	BB	SO	PITCHES	ERA	SCORE
3/29 vs. Boston	ND	6.0	6	4	4	1	6	81	6.00	6-4 W	7/22 vs. Miami	ND	6.0	8	4	3	0	13	101	4.30	6-4 W
4/3 at New York-AL	ND	5.0	6	4	4	3	8	96	6.55	4-11 L	7/27 at Baltimore	L	6.0	7	4	3	2	3	93	4.31	5-15 L
4/9 at Chicago-AL	W	5.2	6	4	3	3	8	102	5.94	5-4 W	JULY (0-1, 4.58 ERA)	19.2	26	13	10	5	26	365			
4/14 vs. Philadelphia	L	4.0	8	7	7	2	2	80	7.84	4-9 L	8/3 vs. St. Louis	ND	4.1	7	5	3	4	6	95	4.40	7-6 W
4/20 vs. Minnesota	ND	6.2	4	2	2	1	5	92	6.59	8-7 W	8/8 at Colorado	W	5.0	5	2	2	2	3	98	4.36	4-3 W
4/26 at Baltimore	W	5.1	11	4	4	1	7	115	6.61	9-5 W	8/15 at Minnesota	ND	5.0 ⁺	6	4	4	0	7	96	4.49	6-4 L
MARCH/APRIL (2-1, 6.61 ERA)	32.2	41	25	24	11	36	566				8/20 vs. Atlanta	L	4.0	5	1	1	1	3	76	4.41	0-1 L
5/1 at Detroit	L	6.0	6	2	2	1	6	90	6.05	1-2 L	8/26 at Milwaukee	L	4.0	7	6	6	2	5	78	4.72	4-7 L
5/6 vs. Toronto	ND	7.0	5	1	1	0	6	97	5.32	1-2 L	AUGUST (1-2, 6.45 ERA)	22.1	30	18	16	9	24	443			
5/12 at Baltimore (game 1)	L	7.0	7	6	6	3	4	101	5.64	3-6 L	9/1 at Atlanta (BS)	ND	6.0	2	1	1	1	5	86	4.56	3-5 L
5/17 at Los Angeles-AL	W	6.2	2	0	0	4	5	104	5.01	7-1 W	9/7 vs. Miami	ND	6.0	5	3	3	3	6	91	4.56	5-3 W
5/23 vs. Boston	ND	6.0	4	1	1	3	6	95	4.68	1-4 L	9/14 at Milwaukee	L	5.0	6	4	4	2	8	103	4.66	4-7 L
5/28 at Oakland	ND	6.0	4	0	0	2	7	88	4.29	1-0 W	9/19 vs. Kansas City	W	7.0	6	1	1	1	8	93	4.49	2-1 W
MAY (1-2, 2.33 ERA)	38.2	28	10	10	13	34	575				9/25 at Chicago-NL	W	6.0	4	0	0	2	9	91	4.31	6-0 W
6/2 at Seattle	L	5.0	7	2	2	2	6	92	4.24	1-3 L	SEPTEMBER (2-1, 2.70 ERA)	30.0	23	9	9	9	36	464			
JUNE (0-1, 3.60 ERA)	5.0	7	2	2	2	6	92				2nd HALF (3-4, 4.34 ERA)	64.1	68	35	31	20	76	1101			
Was on the D.L. from 6/5 thru 7/8 with a left abdominal strain																					
7/9 vs. Detroit	ND	3.1	6	3	3	2	3	78	4.41	10-9 W											
7/14 at Minnesota	ND	4.1	5	2	1	1	7	93	4.29	19-6 W											
1st HALF (3-4, 4.29 ERA)	84.0	87	42	40	29	86	1404														

Chris Archer...went 6-8 with a 4.31 ERA (148.1ip/71er) and 162 strikeouts in 27 combined starts between Tampa Bay and Pittsburgh...Was Tampa Bay's Opening Day starter for a franchise-record fourth consecutive season and received a no-decision on 3/29 vs. Boston (6.0ip/4er)...Is one of five pitchers to start on Opening Day in each of the last four seasons, along with Félix Hernández, Clayton Kershaw, Corey Kluber and Julio Teheran...Struck out eight batters on 4/9 at Chicago (AL), giving him 1,066 strikeouts in his career with the Rays to pass David Price (1,065) for second in franchise history behind James Shields (1,250)...Wore short sleeves with a first-pitch temperature of 35°F and recorded his first win of the season on 4/9...Gave up a season-high seven runs on 4/14 vs. Philadelphia in his first career start against the Phillies, the most runs he allowed since giving up nine on 9/26/15 at Toronto...Surpassed 1,000 career innings pitched in his start on 5/1 at Detroit, becoming the third pitcher to reach that plateau in Tampa Bay history; also James Shields (1,454.2) and David Price (1,143.2)...Was placed on the 10-day disabled list on 6/5 with a left abdominal strain - his first career stint on the D.L...Threw bullpen sessions on 6/22 and 6/25 and a 3-inning simulated game on 6/28...Made a rehab start with Class-A Charlotte on 7/3 vs. Fort Myers (Twins), and did not allow a run or hit over 4.0ip...Was reinstated from the D.L. on 7/9...Whiffed 13 batters on 7/22 vs. Miami; the second-highest total of his career behind his 15 strikeouts on 6/2015 at Los Angeles (AL)...Posted a 6.61 ERA (32.2ip/24er) in his first six starts and a 3.13 ERA (63.1ip/22er) in his final 11 starts with Tampa Bay, beginning on 5/1...Recorded a 2.70 ERA (43.1ip/13er) in his last eight starts with the Rays, dating back to 5/17...Was acquired by Pittsburgh on 7/31...Made his debut with the Pirates on 8/3 vs. St. Louis and gave up five runs (three earned) in 4.1ip (no-decision)...Won his first game with the Pirates on 8/8 at Colorado (5.0ip/2er)...Struck out seven batters and took a 4-2 lead into the sixth inning on 8/15 at Minnesota, but had a no-decision in Pittsburgh's 6-4 loss...Suffered a 1-0 loss on 8/20 vs. Atlanta; left the game after 4.0 innings due to left leg discomfort...Began pitching exclusively from the stretch on 9/1 at Atlanta and gave up one run and two hits in 6.0ip; left game with a 3-1 lead but had a no-decision as the pen gave up four runs in the eighth inning...Collected his first career extra-base hit on 9/7 vs. Miami; a double off Dan Straily...Won his last two starts, giving up just one run in 13.0ip...Went 2-1 with a 2.70 ERA in five starts in September...Went 2-for-17 (.118) at the plate with the Pirates.

49 - RHP NICK KINGHAM

YEAR	W-L	ERA	G	GS	CG	SHO	IP	H	R	ER	BB	SO
2018 (Minors)	4-3	3.88	13	13	1	0	67.1	64	30	29	17	62
2018 (MLB)	5-7	5.21	18	15	0	0	76.0	79	50	44	26	69
M.L. CAREER	5-7	5.21	18	15	0	0	76.0	79	50	44	26	69

DATE/OPP	W/L	IP	H	R	ER	BB	SO	PITCHES	ERA	SCORE	DATE/OPP	W/L	IP	H	R	ER	BB	SO	PITCHES	ERA	SCORE
MINOR LEAGUE GAMES (all starts)											MAJOR LEAGUE GAMES (*designates relief appearance)										
4/6 vs. Columbus	ND	5.0	1	0	0	3	10	90	0.00	4-11 L	4/29 vs. St. Louis	W	7.0	1	0	0	0	9	98	0.00	5-0 W
4/11 vs. Toledo	W	6.0	3	1	1	0	6	80	0.82	4-1 W	5/4 at Milwaukee	W	5.1	6	4	4	1	7	92	2.92	6-4 W
4/17 at Syracuse	W	6.0	5	2	2	1	5	82	1.59	4-2 W	5/19 vs. San Diego	L	6.0	5	3	3	1	5	98	3.44	2-6 L
4/22 vs. Charlotte	L	5.2	6	2	1	3	6	96	1.59	2-7 L	5/29 vs. Chicago-NL	ND (BS)	5.2	8	3	3	2	4	84	3.75	6-8 L
5/9 at Louisville	ND	6.0	7	3	3	3	3	94	2.20	3-4 L	6/3 at St. Louis	L	5.0	4	4	3	1	5	81	4.03	0-5 L
5/14 vs. Richmond	L	5.0	7	4	4	1	4	78	2.94	3-7 L	6/9 vs. Chicago-NL	L	6.1	4	2	2	2	5	99	3.82	0-2 L
5/25 at Charlotte	ND	1.0	1	0	0	0	0	11	2.86	1-2 L	7/2 at Los Angeles	L	3.0 ⁺	8	7	5	3	2	79	4.70	1-17 L
6/14 vs. Toledo	W	8.0	2	0	0	0	6	101	2.32	7-3 W	7/8 vs. Philadelphia	W	6.0	4	1	1	1	5	84	4.26	4-1 W
6/20 vs. Norfolk	W	6.0	6	3	3	1	6	90	2.59	5-3 W	7/13 vs. Milwaukee	W	6.1	5	3	3	1	9	95	4.26	7-3 W
6/25 at Toledo	ND	5.2	3	2	2	2	9	104	2.65	5-4 W	7/21 at Cincinnati	W	6.1	4	2	2	2	3	79	4.11	6-2 W
8/8 vs. Lehigh Valley	ND	5.0	6	2	2	2	2	79	2.32	4-3 W	7/26 vs. New York-NL	L	3.0 ⁺	7	6	6	4	1	74	4.80	6-12 L
8/14 at Scranton-WB	L	4.0	10	7	7	1	1	78	3.24	3-7 L	8/1 vs. Chicago-NL	L	1.0	3	4	2	1	1	51	5.02	2-9 L
8/19 at Lehigh Valley	ND	4.0	7	4	4	0	4	86	3.88	15-6 W	8/26 at Milwaukee *	ND	2.0	1	1	1	0	2	28	5.00	4-7 L
MINORS (4-3, 3.88 ERA)	67.1	64	30	29	17	62	1069				8/30 at St. Louis *	ND	1.0	0	0	0	0	0	10	4.92	0-5 L
											9/2 at Atlanta	ND	5.0	4	1	1	0	4	73	4.70	1-5 L
											9/8 vs. Miami *	ND	2.0	2	1	1	2	2	52	4.69	5-1 W
											9/23 vs. Milwaukee	L	1.1	7	6	5	2	2	51	5.23	6-13 L
											9/28 at Cincinnati	ND	3.2	6	2	2	3	3	76	5.21	8-4 W
											MAJORS (5-7, 5.21 ERA)	76.0	79	50	44	26	69	1304			

Nick Kingham...Began season with Triple-A Indianapolis...Was the Opening Day starter on 4/6 vs. Columbus; gave up one hit and struck out 10 batters in 5.0ip of a no-decision...Surrendered one run and three hits while winning his second start on 4/11 vs. Toledo...Was named International League Pitcher-of-the-Week for the week of April 5-15...Won his second decision on 4/17 at Syracuse (6.0ip/2er) before dropping his first game on 4/22 vs. Charlotte (5.2ip/2r/1er)...Was recalled by Pittsburgh on 4/29 and made his Major League debut that afternoon vs. St. Louis...Retired each of the first 20 Cardinals batters he faced in his big league debut and allowed just one hit in his 7.0 scoreless innings of work...According to the Elias Sports Bureau, that's the most consecutive batters retired to start a game by a pitcher in his Major League debut in the expansion era (since 1961)...Also became the first Pirates pitcher to record nine strikeouts in his Major League debut since Zach Duke on July 2, 2005, at Milwaukee...Made his second big league start on 5/4 at Milwaukee and won a 6-4 decision (5.1ip/4er)...Was optioned back to Triple-A on 5/7...Received a no-decision on 5/9 at Louisville (6.0ip/3er)...Was transferred to Double-A Altoona on 5/10...Suffered a 7-3 loss vs. Richmond on 5/14 (5.0ip/7h/4r/4er/1bb/4so)...Was recalled by the Pirates on 5/19 and suffered his first big league loss that night vs. San Diego (6.0ip/3er)...Was optioned back to Indianapolis on 5/20...Threw just 1.0 inning (11 pitches) on 5/25 at Charlotte...Was recalled by Pittsburgh on 5/28 and made his fourth start with the Pirates on 5/29 vs. Chicago-NL (5.1ip/3er - ND)...Suffered second loss on 6/3 at St. Louis...Gave up just four hits and two runs while losing his third big league game on 6/9 at Wrigley Field (the Pirates were held to just one hit in a 2-0 loss)...Was optioned to Indianapolis on 6/10 when Ivan Nova came off D.L...Took a perfect game into the seventh inning and pitched 8.0 scoreless innings while beating Toledo on 6/14...Was named the I.L. Pitcher-of-the-Week for the week of 6/11-17...Won his fourth decision with Indy on 6/20 vs. Norfolk (6.0ip/6h/3r/3er/1bb/6so)...Was recalled by the Pirates again on 7/2 to replace the injured Chad Kuhl in the starting rotation...Made his seventh big league start on 7/2 at Dodger Stadium and gave up seven runs (five earned) in 3.0⁺ innings while losing his fourth straight decision...Snapped an 0-for-12 start to his hitting career with a two-run double off Philadelphia's Drew Anderson on 7/8 while also snapping his four-game losing streak on the mound...Tied career high with nine strikeouts while winning a 7-3 decision on 7/13 vs. Milwaukee...Won his third straight start on 7/21 at Cincinnati (6.1ip/2er) and also tallied a two-run single as a batter...Lasted just 3.0⁺ innings and gave up six runs while suffering loss to the Mets on 7/26 at PNC Park...Threw 51 pitches while giving up four runs (two earned) in 1.0 inning in his start on 8/1 vs. Chicago (NL)...Was optioned to Indianapolis on 8/3 and made three Triple-A starts before being recalled a fifth and final time on 8/25...Made his first Major League relief appearance on 8/26 at Milwaukee and surrendered one run in 2.0ip...Gave up one run in 5.0ip while starting on 9/2 at Atlanta...Made his third and final relief outing on 9/8 at Miami; posted a 3.60 ERA (5.0ip/2er) as a reliever...Gave up six runs (five earned) in 1.1 innings in his start on 9/23 vs. Milwaukee...Made his final start on 9/28 at Cincinnati and allowed two runs in 3.2ip...Went 2-for-23 (.087) at the plate and led the pitchers with four RBI.

39 - RHP CHAD KUHL

YEAR	W-L	ERA	G	GS	CG	SHO	IP	H	R	ER	BB	SO
2017	8-11	4.35	31	31	0	0	157.1	159	81	76	72	142
2018	5-5	4.55	16	16	0	0	85.0	89	47	43	33	81
M.L. CAREER	18-20	4.37	61	61	0	0	313.0	321	162	152	125	276

DATE/OPP	W/L	IP	H	R	ER	BB	SO	PITCHES	ERA	SCORE	DATE/OPP	W/L	IP	H	R	ER	BB	SO	PITCHES	ERA	SCORE	
4/1 at Detroit	W	5.2	8	4	4	0	4	85	6.35	8-6 W												
4/7 vs. Cincinnati	ND (BS)	5.0	5	2	2	3	7	98	5.06	4-7 L												
4/13 at Miami	L	5.0+	11	5	4	1	2	94	5.74	2-7 L												
4/18 vs. Colorado	W	6.0	4	1	1	3	4	98	4.57	10-2 W												
4/25 vs. Detroit	W	6.0	6	3	3	1	8	102	4.55	8-3 W												
APRIL (3-1, 4.55 ERA)		27.2	34	15	14	8	25	477														
5/1 at Washington	L	4.2	4	6	4	2	3	83	5.01	4-12 L												
5/6 at Milwaukee	W	7.0	1	0	0	2	8	108	4.12	9-0 W												
5/12 vs. San Francisco	ND (BS)	6.0	6	3	3	4	6	90	4.17	6-5 W												
5/17 vs. San Diego	ND	4.1	6	4	4	2	5	85	4.53	5-4 W												
5/23 at Cincinnati	ND (BS)	6.0	5	1	1	1	6	78	4.20	5-4 W												
5/28 vs. Chicago-NL	L	6.0	4	1	1	4	5	93	3.94	0-7 L												
MAY (1-2, 3.44 ERA)		34.0	26	15	13	15	33	537														
6/2 at St. Louis	ND	6.0	4	2	2	2	5	92	3.86	2-3 L												
6/8 at Chicago-NL	L	5.1	8	3	3	2	6	111	3.95	1-3 L												
6/15 vs. Cincinnati	W	6.0	6	2	1	3	6	93	3.76	3-2 W												
6/21 vs. Arizona	L	2.0+	8	8	8	1	2	53	4.56	3-9 L												
6/26 at New York-NL	ND	4.0	3	2	2	2	4	73	4.55	3-4 L												
JUNE (1-2, 6.17 ERA)		23.1	29	17	16	10	23	422														
<i>1st HALF (5-5, 4.55 ERA)</i>	<i>85.0</i>	<i>89</i>	<i>47</i>	<i>43</i>	<i>33</i>	<i>81</i>	<i>1436</i>															

Chad Kuhl...began season in Pittsburgh's starting rotation and was victorious in his first start on 4/1 at Detroit (game 2)...Left his second start on 4/7 vs. Cincinnati with a lead in the sixth inning, but was the victim of a blown save...Gave up a career-high 11 hits on 4/13 at Miami and suffered his first loss...Won back-to-back starts on 4/18 (6.0ip/1er) and 4/25 (6.0ip/3er)...Served as a pinch runner and scored a run on 4/27 vs. St. Louis...Surrendered four home runs and six runs (four earned) in a 12-4 loss on 5/1 at Washington...Served as a pinch runner again on 5/5 at Milwaukee...Gave up just one hit and tied career high with eight strikeouts in a 9-0 win on 5/6 at Milwaukee...Left games on 5/12 vs. San Francisco and 5/23 at Cincinnati with leads, but received no-decisions as the bullpen failed to hold the lead in each game...Posted a 3.44 ERA (34.0ip/13er) in six starts during the month of May; finished the month by allowing a total of two runs in 12.0ip over his last two starts, but went 0-1...Threw a career-high 111 pitches on 6/8 at Chicago (NL); a 3-1 loss...Gave up two runs (one earned) in 6.0ip while winning a 4-2 decision vs. Cincinnati on 6/15- his first win since 5/6...Gave up a season-high eight runs in 2.0+ innings on 6/21 vs. Arizona...Threw three wild pitches on 6/26 at New York - the most by a Pittsburgh pitcher since Mike Zagurski had three on 5/31/13 vs. Cincinnati...Left the game on 6/26 at New York after 4.0 inning due to right forearm discomfort...Was placed on the 10-day disabled list on 6/29 (retro to 6/27) with a right forearm strain...Played catch for the first time on 8/17...Threw off the slope of the mound on 8/29...Threw 30 fastballs in a bullpen session at PNC Park on 9/3...Underwent right elbow ulnar collateral ligament reconstruction surgery by Dr. David Altchek in New York on 9/20.

59 - RHP JOE MUSGROVE

YEAR	W-L	ERA	G	GS	CG	SHO	IP	H	R	ER	BB	SO
2017	7-8	4.77	38	15	0	0	109.1	117	59	58	28	98
2018	6-9	4.06	19	19	0	0	115.1	113	56	52	23	100
M.L. CAREER	17-21	4.33	68	44	0	0	286.2	289	143	138	67	253

DATE/OPP	W/L	IP	H	R	ER	BB	SO	PITCHES	ERA	SCORE	DATE/OPP	W/L	IP	H	R	ER	BB	SO	PITCHES	ERA	SCORE											
Musgrove began the season on the 10-day disabled list due to a right shoulder muscle strain. He threw a 25-pitch bullpen session on 4/19 and a 35-pitch session on 4/22. After throwing 37 pitches in a simulated game on 4/25, he made the following rehab appearances:																																
5/1 vs. Dunedin (FSL)	ND	3.0	5	2	2	0	2	36	6.00	5-2 W																						
5/7 vs. Bowie (EL)	L	4.0	2	1	1	0	4	34	3.86	0-2 L																						
5/12 vs. Columbus (IL)	W	5.2	0	0	0	0	6	79	2.13	2-1 W																						
5/18 at Durham (IL)	L	5.0	10	6	6	2	5	96	4.58	3-12 L																						
REHAB (1-2, 4.58 ERA)		17.2	17	9	9	2	17																									
5/25 vs. St. Louis	W	7.0	5	0	0	0	7	67	0.00	8-1 W																						
5/30 vs. Chicago	W	7.0	7	1	1	4	5	100	0.64	2-1 W																						
MAY (2-0, 0.64 ERA)		14.0	12	1	1	4	12	167																								
6/5 vs. Los Angeles	L	5.0	6	4	3	1	5	84	1.89	0-5 L																						
6/11 at Arizona	ND (BS)	6.0+	5	3	2	0	6	88	2.16	5-9 L																						
6/17 vs. Cincinnati	L	4.1	8	6	6	1	6	71	3.68	6-8 L																						
6/23 vs. Arizona	L	4.0	7	5	5	3	2	70	4.59	2-7 L																						
6/29 at San Diego	W	7.0	7	0	0	2	5	88	3.79	6-3 W																						
JUNE (1-3, 5.47 ERA)		26.1	33	18	16	7	24	399																								
7/10 vs. Washington	L	5.0	5	2	2	1	9	96	3.77	1-5 L																						
7/15 vs. Milwaukee	ND	7.2	7	5	5	4	5	106	4.08	7-6 W																						
<i>1st HALF (3-4, 4.08 ERA)</i>	<i>53.0</i>	<i>57</i>	<i>26</i>	<i>24</i>	<i>16</i>	<i>50</i>	<i>768</i>																									
7/24 at Cleveland	W	7.0	5	2	2	1	2	88	3.90	9-4 W																						
7/29 vs. New York-NL	L	7.0	5	1	1	2	2	89	3.63	0-1 L																						
JULY (1-2, 3.38 ERA)		26.2	22	10	10	8	18	379																								
8/6 at Colorado	L	7.0	4	2	1	0	2	87	3.41	0-2 L																						
8/12 at San Francisco	L	6.0	7	4	3	1	6	92	3.49	3-4 L																						
8/18 vs. Chicago-NL	W	7.0	5	1	1	0	7	87	3.31	3-1 W																						
8/24 at Milwaukee	ND	4.0	6	4	4	0	4	61	3.56	6-7 L																						
8/30 at St. Louis	L	6.0	7	5	5	1	7	92	3.80	0-5 L																						
AUGUST (1-3, 4.20 ERA)		30.0	29	16	14	2	26	419																								
9/4 vs. Cincinnati	W	6.1	5	2	2	0	8	92	3.75	7-3 W																						
9/11 at St. Louis	L	6.0	4	4	4	2	8	88	3.87	5-11 L																						
9/17 vs. Kansas City	ND	6.0	8	5	5	0	4	82	4.06	7-6 W																						
SEPTEMBER (1-1, 5.40 ERA)		18.1	17	11	11	2	21	262																								
<i>2nd HALF (3-5, 4.04 ERA)</i>	<i>62.1</i>	<i>56</i>	<i>30</i>	<i>28</i>	<i>7</i>	<i>50</i>	<i>858</i>																									

Joe Musgrove...saw limited action in spring training due to shoulder discomfort...Threw 92 pitches in 6.0 innings of action against the GCL Pirates in Bradenton on 3/31...Was placed on the 10-day disabled list on 4/2 (retro to 3/30) due to a right shoulder muscle strain...Threw a 25-pitch bullpen session on 4/19 and a 35-pitch session on 4/22...Took part in a simulated game at PNC Park on 4/25; threw 37 pitches...Made a rehab appearance with Bradenton on 5/1 and gave up five hits and two runs in 3.0 innings (36 pitches)...Had rehab transferred to Double-A Altoona on 5/6 and made start there on 5/7 vs. Bowie (4.0ip/2h/1r/1er/0bb/4os); threw 28 of his 34 pitches for strikes...Pitched 5.2 innings of no-hit ball and struck out six batters while winning his first rehab start with Triple-A Indianapolis on 5/12, throwing 60 of his 79 pitches for strikes...Suffered a loss in his second start with Indy on 5/18 at Durham (5.0ip/10h/6r/6er/2bb/5so - 96 pitches)...Went 1-2 with a 4.58 ERA (17.2ip/9er) in his four rehab starts...Was recalled from rehab and reinstated from the D.L. on 5/25; made his first start with the Pirates that night vs. St. Louis and pitched 7.0 scoreless innings for the win (67 pitches)...Also singled off John Gant for his first Major League hit on 5/25...Gave up one run in 7.0ip and threw 100 pitches while winning his second start on 5/20 vs. Chicago (NL); also collected his second hit with a single off Kyle Hendricks...Went 0-3 with a 7.45 ERA (19.1ip/16er) in his next four starts thru 6/23...Started in front of close to 100 family members and friends in his hometown of San Diego on 6/29 and pitched 7.0 scoreless innings for the victory; also went 1-for-2 with a sac bunt at the plate...Went on the 10-day D.L. on 7/3 (retro to 6/30) with a right index finger infection...Was reinstated on 7/10 and started that night vs. Washington; struck out a career-high nine batters but lost a 5-1 decision (6.0ip/2er)...Collected first career extra-base hit (double) on 8/6 at Colorado off lefty Kyle Freeland...Gave up one run in 7.0ip and won a 3-1 decision vs. Chicago (NL) on 8/18 at PNC Park; also had a bunt base hit...Served as a pinch-runner on 8/20 vs. Atlanta...Threw 21 straight strikes to begin the game on 8/30 at St. Louis; the most by any Major League pitcher since 1988 when pitches were first tracked...Struck out eight batters while winning his final game on 9/4 vs. Cincinnati (6.1ip/2er)...Was shut down for the season after making his final start on 9/17...Was diagnosed with a stress reaction on the front of his pelvic bone and an abdominal wall muscle strain...Pitched at least 6.0 innings in 14 of his 19 starts and at least 7.0 innings eight times; went 5-2 with a 1.75 ERA in those eight games...Went 6-5 with a 3.34 ERA (86.1ip/32er) in 14 starts at night and 0-4 with a 6.21 ERA (29.0ip/20er) in five starts during the afternoon...Went 5-for-31 (.161) with a double and four sacrifice bunts at the plate...Had surgery on 10/19 to repair the abdominal wall and to help the stress reaction heal (surgery performed by Dr. Craig Smith in Los Angeles, CA).

46 - RHP IVAN NOVA

YEAR	W-L	ERA	G	GS	CG	SHO	IP	H	R	ER	BB	SO
2017	11-14	4.14	31	31	2	1	187.0	203	96	86	36	131
2018	9-9	4.19	29	29	0	0	161.0	171	82	75	35	114
M.L. CAREER	78-64	4.26	202	189	8	3	1141.2	1216	577	540	312	840

DATE/OPP	W/L	IP	H	R	ER	BB	SO	PITCHES	ERA	SCORE	DATE/OPP	W/L	IP	H	R	ER	BB	SO	PITCHES	ERA	SCORE
3/29 at Detroit	ND	5.0	6	2	2	3	4	84	3.60	13-10 W	7/22 at Cincinnati	W	6.2	5	2	2	2	98	4.28	9-2 W	
4/4 vs. Minnesota	L	5.1	5	5	5	1	3	81	6.10	3-7 L	7/27 vs. New York	ND	5.0+	6	4	3	3	1	86	4.33	5-4 W
4/10 at Chicago-NL	W	7.0	7	3	3	0	6	102	5.19	8-5 W	JULY (2-1, 5.33 ERA)		27.0	35	17	16	7	14	448		
4/15 at Miami	W	6.2	6	3	3	0	9	106	4.88	7-3 W	8/4 vs. St. Louis	ND	4.0	8	4	4	3	3	92	4.49	4-8 L
4/20 at Philadelphia	ND	6.0	5	1	1	0	3	92	4.20	1-2 L	8/9 at San Francisco	W	6.0	3	2	2	2	3	89	4.29	10-5 W
4/26 vs. Detroit	ND	8.0	6	0	0	0	5	93	3.32	1-0 W	8/16 vs. Chicago-NL	L	6.2	7	1	1	0	3	97	4.26	0-1 L
MARCH/APRIL (2-1, 3.32 ERA)		38.0	35	14	14	4	30	558			8/21 vs. Atlanta	L	6.0	4	2	2	0	4	78	4.20	1-6 L
5/2 at Washington	L	4.2	11	8	5	2	5	94	4.01	3-9 L	8/28 at St. Louis	L	3.2	6	4	4	2	1	70	4.35	2-5 L
5/8 at Chicago-AL	ND	2.0	6	5	5	2	2	77	4.84	10-6 W	AUGUST (1-3, 4.44 ERA)		26.1	28	13	13	7	14	426		
5/13 vs. San Francisco	L	5.2	8	4	4	0	2	81	5.01	0-5 L	9/8 vs. Miami	W	6.0	3	0	0	1	9	90	4.17	5-1 W
5/18 vs. San Diego	L	6.0	6	3	2	0	4	88	4.79	2-3 L	9/15 at Milwaukee	W	6.0	4	1	1	1	4	76	4.07	3-1 W
5/24 at Cincinnati	L	5.1	7	5	4	2	4	101	4.94	4-5 L	9/21 vs. Milwaukee	ND	4.1	3	1	1	2	2	46	4.01	3-8 L
MAY (0-4, 7.61 ERA)		23.2	38	25	20	6	17	441			9/26 at Chicago-NL	ND	4.0	8	6	5	2	3	82	4.19	6-7 L
6/10 at Chicago-NL	W	5.2	4	1	1	2	8	94	4.68	7-1 W	SEPTEMBER (2-0, 3.10 ERA)		20.1	18	8	7	6	18	294		
6/16 vs. Cincinnati	W	6.0	5	1	1	3	3	92	4.42	6-2 W											
6/22 vs. Arizona	ND	8.0	3	0	0	0	8	90	3.98	1-2 L											
6/27 at New York-NL	ND	6.0	5	3	3	0	2	86	4.02	5-3 W											
JUNE (2-0, 1.75 ERA)		25.2	17	5	5	5	21	362													
7/3 at Los Angeles	L	5.0+	9	7	7	2	3	90	4.48	3-8 L											
7/9 vs. Washington	W	5.2	8	3	3	0	5	91	4.50	6-3 W											
7/14 vs. Milwaukee (1)	ND	4.2	7	1	1	0	3	83	4.38	2-1 W											
<i>1st HALF (5-6, 4.38 ERA)</i>		<i>102.2</i>	<i>114</i>	<i>55</i>	<i>50</i>	<i>17</i>	<i>79</i>	<i>1625</i>			<i>2nd HALF (4-3, 3.86 ERA)</i>		<i>58.1</i>	<i>57</i>	<i>27</i>	<i>25</i>	<i>18</i>	<i>35</i>	<i>904</i>		

Ivan Nova...received his first career Opening Day start and had a no-decision in Pittsburgh's 13-10 win on 3/30 at Detroit (5.0ip/2er - 84 pitches)...Suffered a loss in his second start on 4/4 vs. Minnesota...Won back-to-back starts on 4/10 and 4/15...Did not walk a batter in four straight starts between 4/10-26 (27.2ip)...Pitched 8.0 scoreless innings, but had a no-decision in Pittsburgh's 1-0 walkoff win on 4/26 vs. Detroit; also sprained the ring finger on his throwing hand in the game...Went 2-1 with a 3.32 ERA (38.0ip/12er) in his first six starts thru 4/26...Gave up a season-high 11 hits and eight runs (five earned) in 4.2ip on 5/2 at Washington...Threw 51 pitches in the first inning while giving up four runs on 5/8 at Chicago (AL); received a no-decision in Pittsburgh's 10-6 win (2.0ip/6h/5r/2bb - 77 pitches)...Lost three straight starts between 5/13-24 and four consecutive decisions between 5/2-24...Went 0-4 with a 7.61 ERA (23.2ip/20er) in five starts in May...Was placed on the 10-day D.L. on 5/28 (retro to 5/25) due to a sprain of his right ring finger...Threw 32 pitches in a bullpen session on 6/3...Threw 2.0 innings in a simulated game on 6/5 at PNC Park...Was reinstated from the D.L. on 6/10 and started that afternoon at Wrigley Field; struck out eight batters and gave up one run in 5.2 innings for the win...Gave up one run in 6.0ip and won his next start on 6/16 vs. Cincinnati...Tossed 8.0 scoreless innings (90 pitches) and struck out eight batters in a no-decision on 6/22 vs. Arizona...Gave up a team-record five home runs and a season-high seven earned runs in an 8-3 loss on 7/3 at Los Angeles (5.0ip)...Snapped an 0-for-63 streak at the plate with a single off Jackson Stephens at Cincinnati on 7/22 (his only hit of the season and his first since 5/30/17)...The only Pirates player since 1900 with a longer hitless streak was former pitcher Bob Friend, who went 76 consecutive at bats without a hit in 1964-65...Gave up one run in 6.0ip and lost a 1-0 decision to Jon Lester and the Cubs on 8/16 at PNC Park...Lost three straight starts to close out the month of August...Pitched 6.0 scoreless innings and tied season high with nine strikeouts in a 5-1 win on 9/8 vs. Miami...Appeared in his 200th career game on 9/15 and gave up one run in 6.0ip for the win at Milwaukee...Was beating the Brewers 3-1 in the fifth inning on 9/21 at PNC Park, but did not return following a two-hour rain delay...Had a no-decision in his final start on 9/26 at Wrigley Field (4.0ip/6r/5er)...Posted a 3.71 ERA (63.0ip/26er) over his last 12 starts, beginning on 7/14...Went 1-for-53 (.019) with three sacrifice bunts at the plate...Scored his second career run on 7/22 at Cincinnati.

50 - RHP JAMESON TAILLON

YEAR	W-L	ERA	G	GS	CG	SHO	IP	H	R	ER	BB	SO
2017	8-7	4.44	25	25	0	0	133.2	152	69	66	46	125
2018	14-10	3.20	32	32	2	1	191.0	179	69	68	46	179
M.L. CAREER	27-21	3.63	75	75	2	1	428.2	430	178	173	109	388

DATE/OPP	W/L	IP	H	R	ER	BB	SO	PITCHES	ERA	SCORE	DATE/OPP	W/L	IP	H	R	ER	BB	SO	PITCHES	ERA	SCORE
4/2 vs. Minnesota	W	5.1	4	2	2	0	9	92	3.38	5-4 W	7/20 at Cincinnati	W	5.1	6	1	1	1	6	100	3.80	12-1 W
4/8 vs. Cincinnati	W	9.0	1	0	0	2	7	110	1.26	5-0 W	7/25 at Cleveland	L	7.0	7	2	2	1	5	89	3.73	0-4 L
4/14 at Miami	ND	6.0	4	0	0	3	2	93	0.89	1-0 W	7/31 vs. Chicago-NL	W	6.2	7	3	3	2	2	89	3.74	5-4 W
4/19 at Philadelphia	L	1.2	4	5	5	2	3	52	2.86	0-7 L	JULY (3-2, 3.22 ERA)		36.1	36	14	13	9	33	539		
4/25 vs. Detroit	L	3.2	10	7	7	0	3	75	4.91	10-13 L	8/7 at Colorado	W	9.0	10	2	2	1	3	107	3.63	10-2 W
4/30 at Washington	L	6.0	7	3	3	2	5	101	4.83	2-3 L	8/14 at Minnesota	L	6.0	7	3	3	1	4	91	3.66	2-5 L
APRIL (2-3, 4.83 ERA)		31.2	30	17	17	9	29	523			8/19 vs. Chicago-NL	ND	6.0	5	1	1	3	8	95	3.58	2-1 W
5/5 at Milwaukee	ND	5.0	6	1	1	2	1	85	4.42	3-5 L	8/25 at Milwaukee	W	6.0	5	1	1	0	8	108	3.49	9-1 W
5/11 vs. San Francisco	ND	3.0	1	0	0	1	5	51	4.08	11-2 W	8/31 at Atlanta	W	7.0	5	2	2	1	7	103	3.45	3-2 W
5/16 vs. Chicago-AL	ND	5.2	5	2	2	3	5	96	3.97	3-2 W	AUGUST (3-1, 2.38 ERA)		34.0	32	9	9	6	30	510		
5/22 at Cincinnati	L	6.0	8	6	6	1	8	91	4.56	2-7 L	9/5 vs. Cincinnati	W	5.0	8	1	1	0	6	100	3.40	3-2 W
5/27 vs. St. Louis	ND (BS)	6.1	5	3	3	1	6	85	4.53	4-6 L	9/12 at St. Louis	W	7.0+	4	2	2	2	4	97	3.37	4-3 W
MAY (0-1, 4.15 ERA)		26.0	25	12	12	8	25	408			9/18 vs. Kansas City	ND (BS)	7.0	4	0	0	1	11	104	3.24	2-1 W
6/1 at St. Louis	W	8.0	3	0	0	1	6	104	3.97	4-0 W	9/24 at Chicago-NL	W	7.0	5	1	1	3	5	96	3.16	5-1 W
6/7 vs. Los Angeles	L	5.0	8	3	3	1	7	92	4.08	7-8 L	9/29 at Cincinnati	L	6.0	7	3	3	0	7	89	3.20	0-3 L
6/13 at Arizona	W	7.0	6	2	2	2	4	108	3.97	5-4 W	SEPTEMBER (3-1, 1.97 ERA)		32.0	28	7	7	6	33	486		
6/19 vs. Milwaukee	L	5.0	7	3	3	1	7	100	4.03	2-3 L											
6/25 at New York-NL	W	6.0+	3	2	2	3	5	96	3.96	6-4 W											
JUNE (3-2, 2.90 ERA)		31.0	27	10	10	8	29	500													
7/1 at San Diego	ND	4.2	7	4	3	3	4	88	4.05	7-5 W											
7/7 vs. Philadelphia	L	6.2	5	3	3	0	6	77	4.05	2-3 L											
7/12 vs. Milwaukee	W	6.0	4	1	1	2	10	96	3.91	6-3 W											
<i>1st HALF (6-7, 3.91 ERA)</i>		<i>106.0</i>	<i>99</i>	<i>47</i>	<i>46</i>	<i>30</i>	<i>103</i>	<i>1692</i>			<i>2nd HALF (8-3, 2.33 ERA)</i>		<i>85.0</i>	<i>80</i>	<i>22</i>	<i>22</i>	<i>16</i>	<i>76</i>	<i>1268</i>		

Jameson Taillon...ranked ninth among the National League leaders in ERA, tied for ninth in wins and was 11th in innings pitched...Was one of only four pitchers in the league to throw two complete games (also Max Scherzer, Mike Foltynewicz and Noah Syndergaard)...Led the Pirates in starts, innings pitched and strikeouts (all career highs)...Allowed three earned runs or less in each of his last 22 starts - one of just two true starting pitchers in MLB in 2018 to make at least 22 straight starts while allowing three earned runs or less; the other being New York's Jacob deGrom, who did so in a Major League record 29 straight...Became just the second Pittsburgh pitcher to be charged with three earned runs or fewer in 22 or more consecutive starts in the same season since Bob Friend did so in a single-season record 23 straight starts in 1963...Posted the fifth-lowest ERA in the Majors Leagues (2.63) from June 1 thru the end of the season...Went 14-1 when he received at least three runs of support when he was in the game...Started and won the Home Opener on 4/2 vs. Minnesota while striking out nine batters...Threw 110 pitches while tossing his first career complete game on 4/8 vs. Cincinnati; a one-hit shutout (only hit was a single by the pitcher Tyler Mahle in the fourth inning)...Also had an RBI-single in the game on 4/8...Was the first one-hit complete game by a Pittsburgh pitcher since A.J. Burnett twirled a shutout against the Cubs on July 31, 2012...Was named N.L. Player-of-the-Week for the week of 4/2-8 after going 2-0 with a 1.26 ERA (14.1ip/2er) in two starts...Pitched 6.0 scoreless frames in a no-decision on 4/14 and had a 0.89 ERA after his first three starts...Gave up five runs in 1.2 innings and suffered first loss on 4/19 at Philadelphia...Lost three straight starts between 4/19-30 and four consecutive decisions between 4/19 and 5/22...Collected his first career extra-base hit on 4/30 at Washington; an RBI-double off Tanner Roark...Sustained a laceration on the inside of the middle finger on his right hand and left his start on 5/11 vs. San Francisco after 3.0 scoreless innings...Did not miss a start...Had a no-decision on 5/16 vs. Chicago-AL (5.2ip/2er)...Surrendered six runs, including a grand slam to Scooter Gennett, while losing a 7-2 decision on 5/22 at Cincinnati...Was in line for the win on 5/27 vs. St. Louis (6.1ip/3er), but was the victim of a blown save...Posted a 2.90 ERA (31.0ip/10er) in five starts during the month of June...Had 10 strikeouts on 7/12 vs. Milwaukee...Won back-to-back starts on 7/12 (6.0ip/1er) and 7/20 at Cincinnati (5.1ip/1er)...Became the first National League pitcher to throw two complete games in 2018 when he won a 10-2 decision over Chad Bettis at Coors Field on 8/7...Struck out career-high 11 batters while pitching 7.0 scoreless innings on 9/18 vs. Kansas City...Won five of his last six decisions and went 9-3 with a 2.27 ERA (91.0ip/23er) in his last 14 starts, dating back to 7/12...Went 4-for-57 (.070) with a double, three RBI and five sacrifice bunts as a batter.

34 - RHP TREVOR WILLIAMS

YEAR	W-L	ERA	G	GS	CG	SHO	IP	H	R	ER	BB	SO
2017	7-9	4.07	31	25	0	0	150.1	145	73	68	52	117
2018	14-10	3.11	31	31	1	1	170.2	146	64	59	55	126
M.L. CAREER	22-10	3.71	69	57	1	1	333.2	310	150	138	112	254

DATE/OPP	W/L	IP	H	R	ER	BB	SO	PITCHES	ERA	SCORE	DATE/OPP	W/L	IP	H	R	ER	BB	SO	PITCHES	ERA	SCORE	
4/1 at Detroit (game 1)	W	6.0	0	0	0	5	1	85	0.00	1-0 W	7/23 at Cleveland	W	6.0	4	0	0	2	1	84	4.11	7-0 W	
4/6 vs. Cincinnati	W	5.1	10	2	2	1	4	90	1.59	14-3 W	7/28 vs. New York	W	6.0	5	0	0	3	5	97	3.89	5-0 W	
4/12 at Chicago	W	6.0	4	1	1	1	5	94	1.56	6-1 W	JULY (3-1, 2.33 ERA)			19.1	18	5	5	10	9	313		
4/17 vs. Colorado	L	6.0	4	2	2	3	4	97	1.93	0-2 L	8/5 vs. St. Louis	L	5.0	9	2	2	0	3	90	3.88	1-2 L	
4/22 at Philadelphia	ND	6.0	1	2	2	5	7	92	2.15	2-3 L	8/11 at San Francisco	W	7.0	5	0	0	1	2	104	3.66	4-0 W	
4/28 vs. St. Louis	W	6.0	4	2	2	2	2	104	2.29	6-2 W	8/17 vs. Chicago-NL	L	7.0	4	1	1	2	4	99	3.53	0-1 L	
APRIL (4-1, 2.29 ERA)		35.1	23	9	9	17	23	562			8/22 vs. Atlanta	ND	6.0	2	1	1	2	4	84	3.44	1-2 L	
5/3 at Washington	L	5.2	4	3	3	1	3	90	2.63	1-3 L	8/29 at St. Louis	W	6.0	3	0	0	3	8	92	3.30	2-0 W	
5/9 at Chicago-AL	ND	5.0	7	4	4	2	3	92	3.13	6-5 W	AUGUST (2-2, 1.16 ERA)			31.0	23	4	4	8	21	469		
5/15 vs. Chicago-AL	W	7.0	6	0	0	0	6	94	2.72	7-0 W	9/3 vs. Cincinnati	W	6.2	5	0	0	1	4	101	3.15	5-1 W	
5/20 vs. San Diego	ND (BS)	6.0	4	4	4	0	5	82	3.05	5-8 L	9/10 at St. Louis	ND (BS)	5.0	6	4	4	0	6	76	3.28	7-8 L	
5/26 vs. St. Louis	L	4.0	7	4	4	0	1	65	3.43	1-4 L	9/16 at Milwaukee	W	6.0	2	0	0	2	7	97	3.16	3-2 W	
5/31 at St. Louis	ND	5.0	9	5	5	1	4	97	3.84	8-10 L	9/22 vs. Milwaukee	W	6.0	4	0	0	1	7	95	3.04	3-0 W	
MAY (1-2, 5.51 ERA)		32.2	37	20	20	4	22	520			9/27 at Chicago	L	5.0	8	3	3	3	4	98	3.11	0-3 L	
6/6 vs. Los Angeles	ND	3.0	4	4	4	2	2	65	4.18	11-9 W	SEPTEMBER (3-1, 2.20 ERA)			28.2	25	7	7	7	28	467		
6/12 at Arizona	L	3.0	6	8	3	2	2	80	4.38	8-13 L	2nd HALF (7-3, 1.38 ERA)											
6/18 vs. Milwaukee	W	7.0	1	0	0	2	7	96	4.00	1-0 W												
6/24 vs. Arizona	L	6.0	5	3	3	0	6	76	4.03	0-3 L												
6/30 at San Diego	L	4.2	4	4	4	2	4	75	4.22	3-4 L												
JUNE (1-3, 5.32 ERA)		23.2	20	19	14	8	21	392														
7/6 vs. Philadelphia	L	2.1	5	5	5	2	0	51	4.60	5-17 L												
7/11 vs. Washington	W	5.0	4	0	0	3	3	81	4.26	2-0 W												
1st HALF (7-7, 4.36 ERA)		99.0	89	53	48	34	71	1606														
											2nd HALF (7-3, 1.38 ERA)		71.2	57	11	11	20	55	1117			

Trevor Williams...was the only Major League pitcher in 2018 to make 10 starts of at least 6.0 innings without allowing a run (Justin Verlander was second with nine such games); is also the first pitcher in team history to do so (since 1908)...Finished seventh among the National League leaders in ERA...His 1.38 ERA after the All-Star break was the second-lowest among all Major League starting pitchers behind Tampa Bay's Blake Snell (1.17) and the second-lowest in Pirates history (since 1933) behind Zane Smith's 1.30 mark in 1990...Went 8-3 with a 1.29 ERA (76.2ip/11er) in his last 13 starts after going 6-7 with a 4.60 ERA (94.0ip/48er) in his first 18 starts thru 7/6...Had a career-high 21.0 scoreless innings streak between 7-11 and 8/5 and a 20.2 scoreless innings streak between 8/22 and 9/10; was one of only two pitchers in the Majors with two separate streaks of at least 20 scoreless innings in 2018 (also Masahiro Tanaka)...Was the starting pitcher in nine of the team's 16 shutouts...Started the second game of the season on 3/31 at Detroit and pitched 6.0 hitless innings in a 1-0 victory...Won each of his first three decisions and four of his first five thru 4/28...Surrendered just one home run in his first six starts (35.1ip) before giving up two each in his starts on 5/3 at Washington and 5/9 at Chicago (AL)...Tossed 7.0 scoreless innings while winning his fifth game on 5/15 vs. Chicago (AL)...Was charged with four runs or more in each of his next five starts (21.0ip/25r/20er), inflating season ERA from 2.72 to 4.38...Gave up one run in 7.0 innings while winning a 1-0 decision on 6/18 vs. Milwaukee...Gave up two home runs and suffered a 3-0 loss on 6/24 vs. Arizona (6.0ip)...Was charged with a total of nine runs in consecutive starts on 6/30 at San Diego (4.2ip/4er) and 7/6 vs. Philadelphia (2.1ip/5er)...Pitched 5.0 scoreless innings for the win on 7/11 vs. Washington...Was credited with his first Major League shutout in a rain-shortened 7-0 win over Corey Kluber at Cleveland on 7/23 (6.0ip); the first Pirates pitcher to throw a shutout of less than 9.0 innings since Paul Wagner on September 14, 1993, at Florida (6.0 innings)...Pitched 7.0 scoreless innings in a 5-0 win over Jacob deGrom and the Mets on 7/28 at PNC Park...Struck out a career-high eight batters while tossing 6.0 scoreless innings and picked up his 11th win on 8/29 at St. Louis...Allowed just four runs in 54.2ip (0.66 ERA) over a nine-start stretch from 7/11 thru 9/3; his 0.66 ERA in that time was the lowest in Pirates history (since 1913) for any pitcher over a nine-start stretch, eclipsing the 0.70 ERA by Steve Blass in 1968...Gave up four runs in the fourth inning on 9/10 at St. Louis (5.0ip/4er) in a no-decision...Posted a 0.86 ERA (41.2ip/4er) at PNC Park from 7/11 thru the end of the season (seven starts)...Recorded a 1.00 ERA (71.2ip/8er) over a 12-start span between 7/11 and 9/22; the lowest ERA ever for a Pirates pitcher over a 12-start span within one season (since ERA has been compiled in the N.L. since 1912)...Went 5-for-43 (.116) with six sacrifice bunts at the plate.

2018 HIGHS & LOWS

TEAM BATTING

Most runs, game, Pirates	14	4/6 vs. CIN
Most runs, game, Opponents	17	7/6 vs. PHI & 6/2 @LA
Most runs, inning, Pirates	6	6/12 @ARI (4th) & 4/6 vs. CIN (6th)
Most runs, inning, Opponents	7	7/6 vs. PHI (7th)
Most hits, game, Pirates	17	8/24 @MIL, 8/10 @SF & 3/30 @DET (13 innings)
Most hits, game, Opponents	21	7/2 @LA
Most hits, inning, Pirates	6	7/20 @CIN (8th) & 5/6 @MIL (6th)
Most consec. hits, inning	5	5/6 @MIL (6th) & 4/8 vs. CIN (5th)
Most consec. hits, game	5	5/6 @MIL & 4/8 vs. CIN
Most hits, inning, Opponents	7	7/2 @LA (4th)
Fewest hits, game, Pirates	1	6/9 @CHI
Fewest hits, game, Opponents	1	4/8 vs. CIN
Most doubles, game	6	4/6 vs. CIN
Most triples, game	3	5/25 vs. STL
Most home runs, game, Pirates	5	7/14 vs. MIL (game 2)
Most home runs, game, Opponents	6	7/3 @LA
Most consecutive games, home run	9	7/13-24
Most consec. games, HR, Opponents	7	5/19-26
Most extra-base hits	8	5/11 vs. SF
Most consecutive games, extra-base hit	24	4/30-5/27
Most stolen bases, game, Pirates	4	7/8 vs. PHI & 7/6 vs. PHI
Most stolen bases, game, Opponents	3	9/12 @STL & 5/19 vs. SD
Most left on base	13	7/6 vs. PHI, 5/18 vs. SD & 4/25 vs. DET (game 2)
Most left on base (extra innings)	19	8/24 @MIL (15 innings)

TEAM PITCHING

Most strikeouts, game, Pirates (9 innings)	16	4/19 @PHI
Most strikeouts, game, Pirates (extra innings)	17	9/18 vs. KC
Most strikeouts, game, Opponents (9 innings)	13	7/25 @CLE, 6/19 vs. MIL & 4/19 @PHI
Most strikeouts, game, Opponents (extra innings)	17	8/24 @MIL & 6/22 vs. ARI
Most walks, game, Pirates	11	8/10 @SF
Most walks, game, Opponents	11	4/2 vs. MIN

TEAM MISCELLANEOUS

Longest winning streak	11	games, 7/11-24
Longest losing streak	5	games, 8/12-17, 6/19-24 & 4/19-25
Longest game, innings	15	innings, 8/24 @MIL
Longest game, time	5:36	8/24 @MIL
Longest game, time, 9 innings	4:30	7/6 vs. PHI (ties NL record)
Shortest game, time, 9 innings	2:18	8/11 @SF
Shortest game time	1:47	7/23 @CLE (6 innings)
Largest margin of victory	11	runs, 7/20 @CIN (12-1) & 4/6 vs. CIN (14-3)
Largest margin of defeat	16	runs, 7/2 @LA (1-17)
Largest come from behind victory	5	runs, 4/27 vs. STL
Largest come from behind loss	5	runs, 6/11 @ARI

Largest crowd, home	35,900	7/28 vs. NY
Smallest crowd, home	8,855	9/4 vs. CIN
Largest crowd, road	53,139	7/4 @LA
Smallest crowd, road	6,852	4/13 @MIA
Most errors, game, Pirates	3	7 times, last on 8/17 vs. CHI
Most errors, game, Opponents	3	4 times, last on 8/1 vs. CHI
Consecutive innings w/out an error	61	7/6-12
Most double plays turned	3	8/24 @MIL, 4/6 vs. CIN & 4/1 @DET (game 1)
Rain delays, home (total time)	11	(13 hours, 27 minutes)
Rain delays, road (total time)	8	(8 hours, 17 minutes)
Players used	48	

INDIVIDUAL BATTING

Most hits, game	5	Marte (4/15 @MIA)
Most consecutive hits	6	Polanco (7/28-29) & Marte (4/14-15)
Most runs, game	4	Dickerson (6/6 vs. LA) & Marte (4/15 @MIA)
Most 2bs, game	2	20 times, last by Osuna (9/30 @CIN)
Most 3bs, game	1	38 times, last by Luplow (9/26 @CHI)
Most HR, game	2	Dickerson (7/21 @CIN), Luplow (7/14 vs. MIL - game 1) & Polanco (4/12 @CHI)
Most extra-base hits	2	48 times, last by Osuna & Marte (9/30 @CIN)
Most total bases	8	Dickerson (7/22 @CIN & 7/21 @CIN), Luplow (7/14 vs. MIL), Frazier (9/3 vs. CIN), Marte (4/15 @MIA) & Polanco (4/12 @CHI)
Most RBI, game	6	Cervelli (4/25 vs. DET - game 1)
Most SB, game	3	Marte (7/6 vs. PHI)
Most walks, game	4	Polanco (4/2 vs. MIN)
Consec. games, home run	4	Dickerson (7/15-22)
Longest hitting streak	17	games, Marte (7/4-24)
Grand slams	4	last by Cervelli (8/10 @SF)
Inside-the-park home runs	1	Marte (5/4 @MIL)
Leadoff home runs	5	last by Harrison (6/10 @CHI)
Walkoff home runs	2	Frazier (8/19 vs. CHI) & Dickerson (4/26 vs. DET)

INDIVIDUAL PITCHING

Most strikeouts, game	11	Taillon (9/18 vs. KC)
Longest winning streak	5	games, Taillon (8/25-9/24)
Longest losing streak	4	games, Kingham (5/19-7/2), Nova (5-2-24) & Taillon (4/19-5/22)
Fewest hits, complete game	1	Taillon (4/8 vs. CIN)
Most walks allowed	5	Brault (8/1 vs. CHI) & Williams (4/22 @PHI & 4/1 @DET)
Most home runs allowed	5	Nova (7/3 @LA) - CLUB RECORD
Most IP, game, starter	9.0	Taillon (8/7 @COL & 4/8 vs. CIN)
Most IP, game, reliever	4.0	Brault (8/24 @MIL)
Most consec. scoreless IP	21.0	Williams (7/11-8/5)
Most consecutive saves	24	Vázquez (6/6-9/16)

Tanner Anderson • RHP • 6-2 • 210 • 25 yrs old • #52**Saves/Opp:** 0/0 **1st Batter/retired:** 6/2 **Inherited Runners/Scored:** 6/2

- Spent majority of season with Triple-A Indianapolis, where he went 3-2 with a 2.64 ERA (61.1ip/18er) and six saves in 39 appearances.
- Ranked second among all International League relievers in fewest walks per 9.0 innings pitched (2.20).
- Allowed two unearned runs over 14 appearances (23.2ip) from 4/8 to 5/21.
- Recorded his first save with Indianapolis on 6/25 at Toledo.
- Made his Major League debut on 7/2 at Los Angeles (NL) and gave up six runs (five earned) in 2.0ip.
- Was optioned back to Triple-A on 7/3.
- Was recalled a second time on 7/15; gave up one run in the 10th inning that afternoon vs. Milwaukee, but won his first Major League game after the Pirates scored twice in the bottom of the inning.
- Was optioned to Indianapolis on 7/20.
- Was recalled a third time on 9/4; had a 2.16 ERA (8.1ip/2er) in four games with the Bucs in September.

	W-L	ERA	G	GS	CG	SHO	SV	IP	H	R	ER	HR	HB	BB	SO	WP	BK
2018 PIT	1-0	6.35	6	0	0	0	0	11.1	15	10	8	1	1	8	6	2	0
CAREER	1-0	6.35	6	0	0	0	0	11.1	15	10	8	1	1	8	6	2	0

Steven Brault • LHP • 6-0 • 195 • 26 yrs old • #43**Saves/Opp:** 0/0 **1st Batter/retired:** 40/28 **Inherited Runners/Scored:** 17/1

- Spent majority of the season pitching in relief for the Pirates.
- Pitched 2.0 innings of relief or more 20 times with Pittsburgh and posted a 2.19 ERA (49.1ip/12er).
- Allowed just one of his 18 inherited runners to scored**; stranded the bases loaded twice.
- Led the team in walks (57) and tied for second in wild pitches (nine).
- Tossed 3.0 scoreless innings on Opening Day (3/30) at Detroit and recorded the win in Pittsburgh's 13-10, 13-inning victory.
- Went 5-2 with a 4.25 ERA (65.2ip/31er) and 67 strikeouts in 40 relief appearances.
- Went 1-1 with a 5.54 ERA (26.0ip/16er) in five starts; made last big league start on 4/27 vs. St. Louis.
- Went 2-0 with a 3.09 ERA (11.2ip/4er) and 18 strikeouts in eight outings in May.
- Struck out for the first time in his career on 6/12 at Arizona (Silvino Bracho), snapping a streak of 34 straight plate appearances without a strikeout to begin his big league career.
- Sang the National Anthem prior to the game at PNC Park on 6/19 vs. Milwaukee.
- Walked a career-high five batters while giving up two runs in 3.0ip on 8/1 vs. Chicago (NL).
- Was optioned to Triple-A Indianapolis on 8/3.
- Posted a 3.38 ERA (5.1ip/2er) in his five Triple-A outings; was scored upon in just one appearance.
- Was recalled by the Pirates on 8/20 and pitched 2.0 scoreless innings that night vs. Atlanta.
- Pitched 4.0 hitless innings on 8/24 at Milwaukee.
- Tossed 3.1 scoreless frames and struck out six batters on 8/28 at St. Louis; became the first Pirates left-handed reliever to strike out six batters in a game since Ron Villone on May 13, 2002, vs. Arizona.
- Produced a 3.63 ERA (22.1ip/9er) in 14 appearances after being recalled on 8/20.
- Did not allow a run in his last four games (5.1ip) after being scored upon in four straight (3.1ip/8r).
- Went 3-for-20 (.150) with a double and a walk as a batter with the Pirates; grounded out as a pinch hitter vs. Cincinnati on 4/7 (his second career pinch-hitting appearance).

	W-L	ERA	G	GS	CG	SHO	SV	IP	H	R	ER	HR	HB	BB	SO	WP	BK
2018 PIT	6-3	4.61	45	5	0	0	0	91.2	84	51	47	10	8	57	82	9	0
CAREER	7-6	4.68	64	16	0	0	1	159.2	170	98	83	18	12	88	134	10	0

Nick Burdi • RHP • 6-5 • 225 • 25 yrs old • #57**Saves/Opp:** 0/0 **1st Batter/retired:** 2/1 **Inherited Runners/Scored:** 0/0

- Ranked as Pittsburgh's No. 25 prospect by *Baseball America* prior to the season.
- Spent most of the season recovering from Tommy John surgery (performed on 5/31/17).
- Was placed on the 60-day disabled list on 2/20.
- Made his organizational debut with High-A Bradenton on 7/16 vs. Jupiter; had three strikeouts in 1.0ip.
- Had rehab transferred to Double-A Altoona on 7/23 and made three appearances with the Curve; went 0-0 with a 6.75 ERA (4.0ip/3er), two walks and three strikeouts.
- Was transferred to Triple-A Indianapolis on 8/14.
- Suffered losses on 8/15 at Scranton/WB and 8/22 vs. Columbus.
- Went 0-2 with a 5.40 ERA (5.0ip/4r/3er) in five appearances with Indianapolis.
- Was returned from his rehab assignment and was reinstated from D.L. on 9/1.
- Spent final month of the season with the Pirates.
- Made Major League debut on 9/11 at St. Louis and allowed four runs (three earned) in 0.1ip.

	W-L	ERA	G	GS	CG	SHO	SV	IP	H	R	ER	HR	HB	BB	SO	WP	BK
2018 PIT	0-0	20.25	2	0	0	0	0	1.1	3	4	3	1	0	2	2	0	0
CAREER	0-0	20.25	2	0	0	0	0	1.1	3	4	3	1	0	2	2	0	0

Kyle Crick • RHP • 6-4 • 220 • 25 yrs old • #30**Saves/Opp:** 2/3 **1st Batter/retired:** 64/39 **Inherited Runners/Scored:** 17/4

- Began season with Triple-A Indianapolis and picked up a win in his second game on 4/8 vs. Columbus.
- Earned his seventh career minor league save on 4/11 vs. Toledo.
- Posted a 2.25 ERA in three games with Indianapolis (4.0ip/6h/1r/1er/0bb/5so).
- Was recalled by Pittsburgh on 4/13 and made his first appearance on 4/13 at Miami (1.0ip/0r).
- Was unscored upon in first five outings with Pirates (4.2ip) before allowing first run on 4/25 vs. Detroit.
- Pitched a season-high 2.0 scoreless innings on 5/18 vs. San Diego.
- Picked up his first Major League save in Pittsburgh's 5-4 win in 12 innings on 5/23 vs. Cincinnati.
- Suffered his first big league loss on 6/11 at Arizona.
- Made 15 straight scoreless outings and struck out 18 batters between 6/15 and 7/21 (15.1ip).
- Tossed 1.1 scoreless innings on 7/1 at San Diego and was credited with his first Major League win.
- Pitched 1.1 scoreless frames to earn his second save on 7/13 vs. Milwaukee.
- Produced a 0.73 ERA (12.1ip/1er) and 14 strikeouts in 12 games during the month of July.
- Tied for second on the staff with nine wild pitches.
- Was scored upon in just seven of his 34 games at PNC Park, where he had a 2.18 ERA (33.0ip/8er).
- Made seven straight hitless appearances (7.0ip) to finish the season; gave up his last run on 9/4.
- Posted a 1.88 ERA (38.1ip/8er) and 44 strikeouts in his final 40 games, dating back to 6/15.**
- Held right-handed batters to a .154 (18-for-117) average; just one hit in the last 19 at bats against.

	W-L	ERA	G	GS	CG	SHO	SV	IP	H	R	ER	HR	HB	BB	SO	WP	BK
2018 PIT	3-2	2.39	64	0	0	0	2	60.1	45	18	16	3	7	23	65	9	2
CAREER	3-2	2.62	94	0	0	0	2	92.2	67	32	27	5	8	40	93	15	2

Michael Feliz • RHP • 6-4 • 240 • 25 yrs old • #45**Saves/Opp:** 0/2 **1st Batter/retired:** 47/33 **Inherited Runners/Scored:** 11/5

- Tied career high in appearances** (also made 47 with Houston in 2016).
- Was a member of an Opening Day roster for the third straight year - his first with the Pirates.
- Surrendered three hits and four runs without retiring a batter in his debut with the Pirates on Opening Day in Detroit on 3/30.
- Appeared in his 100th career Major League game on 4/1 at Detroit (game 1).
- Made eight straight scoreless appearances (7.1ip) between 4/1-20.
- Was scored upon just twice in 21 games between 4/1 and 5/20 (20.0ip/2er - 0.90 ERA), dropping his ERA to a season-low 2.70.
- Was scored upon in his next four games (3.0ip/6h/9r/9er/4bb/3so), inflating ERA from 2.70 to 5.87.
- Was placed on the 10-day D.L. on 6/24 due to right shoulder inflammation...Was reinstated on 7/7.
- Threw a season-high 44 pitches in 1.1 innings on 7/14 vs. Milwaukee (game 2); also grounded out as a batter in his second career plate appearance.
- Was optioned to Triple-A Indianapolis on 7/27 and picked up the win in first game on 7/30 at Columbus.

LAST FIVE APPEARANCES WITH PIRATES**TANNER ANDERSON**

DATE	OPP	DEC	IP	H	R	ER	BB	SO	HR
7/15	MIL	W, 1	1.0	1	1	1	2	0	0
9/11	at Sil	ND	0.2	0	0	0	1	1	0
9/23	MIL	ND	3.2	2	1	1	1	0	0
9/26	at Chi	ND	2.0	2	0	0	1	0	0
9/30	at Cin	ND	2.0	2	2	1	1	4	1

STEVEN BRAULT

DATE	OPP	DEC	IP	H	R	ER	BB	SO	HR
9/23	MIL	ND	0.2	1	3	3	2	2	0
9/25	at Chi	ND	1.0	0	0	0	0	0	0
9/26	at Chi	ND	1.0	0	0	0	0	1	0
9/28	at Cin	W, 6	2.1	3	0	0	1	3	0
9/30	at Cin	ND	1.0	0	0	0	0	2	0

KYLE CRICK

DATE	OPP	DEC	IP	H	R	ER	BB	SO	HR
9/16	at Mil	ND	1.0	0	0	0	0	0	0
9/18	KC	W, 3	1.0	0	0	0	0	1	0
9/22	MIL	ND	1.0	0	0	0	0	2	0
9/26	at Chi	ND	1.0	0	0	0	0	1	0
9/29	at Cin	ND	1.0	0	0	0	0	3	0

MICHAEL FELIZ

DATE	OPP	DEC	IP	H	R	ER	BB	SO	HR
9/17	KC	ND	1.0	1	0	0	0	1	0
9/23	MIL	ND	1.1	0	2	1	3	0	0
9/26	at Chi	ND	1.0	1	0	0	0	1	0
9/28	at Cin	ND	1.0	0	0	0	1	2	0
9/30	at Cin	W, 1	1.0	0	0	0	0	3	0

TYLER GLASNOW

DATE	OPP	DEC	IP	H	R	ER	BB	SO	HR
7/10	WAS	ND	1.2	2	0	0	0	2	0
7/12	MIL	ND	1.0	1	0	0	1	2	0
7/14	MIL	ND	1.1	2	0	0	3	3	0
7/22	at Cin	ND	1.0	0	0	0	0	1	0
7/26	NY	ND	3.0	0	1	0	4	1	0

TEAM BULLPEN TOTALS

Pirates rank among National League bullpens:

Statistic	Bullpen	Rank
Earned Run Average	4.02	7th
Wins	24	14th
Saves	40	T 8th
Opponents Batting Average	.244	9th
Strikeouts	584	4th
Innings Pitched	546.2	11th
Fewest Hits Allowed	511	7th
Fewest HR's Allowed	57	4th
Winning Percentage	.511 (24-23)	6th
Save Percentage	66.7 (40-for-60)	T 7th

PIRATES BULLPEN BY MONTH

Month	W-L	ERA	SV-OP	IP	H	R	ER	BB	SO	HR
March	1-0	9.00	0-2	8.0	8	8	8	6	5	0
April	3-5	3.86	6-8	88.2	91	42	38	34	95	9
May	7-5	4.32	6-12	91.2	96	49	44	32	101	9
June	2-4	3.90	6-8	90.0	64	41	39	42	97	12
July	4-0	4.41	9-10	85.2	90	45	42	46	106	5
Aug.	2-4	3.21	3-6	84.0	75	33	30	42	72	6
Sept.	5-5	4.33	8-12	87.1	79	50	42	34	93	16

- Gave up five runs in 1.0ip in his second game with Indy on 8/2 at Toledo.
- Tossed a scoreless inning and earned first save with Indianapolis on 8/4 at Toledo.
- Was recalled by the Pirates on 8/11.
- Did not pitch until 8/21 vs. Atlanta and gave up three runs in 1.0 inning of work.
- Was optioned back to Indianapolis on 8/22.
- Went 2-1 with two saves and a 7.20 ERA (10.0ip/13h/8r/8er/1bb/12so) in nine Triple-A games.
- Was recalled on 9/4; went 1-0 with a 3.00 ERA (6.0ip/2er) in seven games during September.
- Had a 2.70 ERA (20.0ip/6er) in his first 22 games with the Pirates thru 5/20 and a 7.81 ERA (27.2ip/24er) in his last 25 games.
- Picked up his lone win in the final game of the season on 9/30 at Cincinnati.
- Had a 10.38 strikeouts/per 9.0ip ratio in 2018; 12.11 in his career (227 Ks in 168.2ip).

	W-L	ERA	G	GS	CG	SHO	SV	IP	H	R	ER	HR	HB	BB	SO	WP	BK
2018 PIT	1-2	5.66	47	0	0	0	0	47.2	49	33	30	6	3	23	55	3	1
CAREER	13-5	5.28	145	0	0	0	0	168.2	166	104	99	26	4	71	227	16	2

Tyler Glasnow • RHP • 6-8 • 220 • 25 yrs old

Saves/Opp: 0/0 1st Batter/retired: 34/24 Inherited Runners/Scored: 7/1

- Began season in Pittsburgh's bullpen and pitched exclusively in relief for the Pirates in 2018.
- Posted a 2.80 ERA in 19 games at PNC Park and a 6.97 ERA in 15 games on the road with Pittsburgh.
- Had a 2.72 ERA (43.0ip/13er) in the 19 games in which he pitched 2.0+ innings with the Pirates.
- Allowed just one hit in 2.1 scoreless frames on 5/8 at Chicago (AL) and picked up lone win with Bucs.
- Struck out at least one batter in 31 of his 34 appearances with Pittsburgh.
- Surrendered one unearned run in his last five games with the Pirates (8.0ip).
- Was one of three players traded to Tampa Bay on 7/31 in exchange for RHP Chris Archer.
- Went 2-7 with a 4.27 ERA (111.2ip/53er) and 136 strikeouts in 45 games (11 starts) with the two clubs.

	W-L	ERA	G	GS	CG	SHO	SV	IP	H	R	ER	HR	HB	BB	SO	WP	BK
2018 PIT	1-2	4.34	34	0	0	0	0	56.0	47	28	27	5	1	34	72	7	1
2018 TB	1-5	4.20	11	11	0	0	0	55.2	42	27	26	10	3	19	64	5	2
CAREER	4-16	5.35	67	28	0	0	0	197.0	192	129	117	30	9	110	216	17	3

Clay Holmes • RHP • 6-5 • 225 • 25 yrs old • #68

Saves/Opp: 0/1 1st Batter/retired: 7/2 Inherited Runners/Scored: 0/0

- Spent majority of season with Triple-A Indianapolis.
- Also had seven separate stints with the Pirates.
- Went 8-3 with a 3.29 ERA (101.1ip/37er) in 23 Triple-A games (17 starts).
- Was recalled a first time by Pittsburgh on 4/1 to be the 26th man for a doubleheader in Detroit; did not pitch and was optioned back to Indianapolis following the game.
- Was recalled again on 4/2 to replace Joe Musgrove (D.L.) on the active roster.
- Made his Major League debut on 4/6 vs. Cincinnati; gave up one run in 2.0 innings of relief and struck out in his first big league at bat...Was optioned to Indy on 4/13.
- Was credited with his lone complete game in a rain-shortened outing (5.0ip) on 5/6 vs. Gwinnett.
- Went 4-0 with a 0.71 ERA (25.1ip/2er) in four Triple-A starts during the month of June; his ERA in June was the lowest among all Triple-A pitchers.
- Was recalled by Pittsburgh on 6/24 and pitched 2.0 scoreless innings that day vs. Arizona.
- Made his first Major League start on 7/4 at Los Angeles - just the third Pittsburgh pitcher since 1913 to make his first big league start on Independence Day (also Harry Fisher at Cincinnati in 1952 and Bruce Kison at Chicago in 1971).
- Surrendered five hits, three walks and four runs in 2.1ip and suffered first big league loss on 7/4.
- Was optioned to High-A Bradenton on 7/6 since Indianapolis was on the All-Star break.
- Allowed one run on four hits, with no walks and eight strikeouts in 6.0ip on 7/9 vs. Lakeland.
- Was transferred back to Indianapolis on 7/10.
- Was recalled as the 26th man for the doubleheader on 7/14 vs. Milwaukee; started Game Two and recorded his first Major League win (6.0ip/1er)...Was optioned back to Triple-A on 7/15.
- Was recalled on 8/10 and started that night at San Francisco; gave up eight hits and seven runs in 2.2ip while suffering the loss...Was optioned to Indy on 8/11.
- Was recalled a sixth time on 8/21.
- Entered game on 8/24 at Milwaukee with a 6-4 lead in the 15th inning; walked three batters, gave up two hits and surrendered three runs while suffering the loss...Was optioned to Indianapolis on 8/25.
- Went 6-0 with a 2.15 ERA (54.1ip/13er) in his final 13 Triple-A games, dating back to 6/2.
- Posted a 7-3 record and a 3.19 ERA (87.1ip/31er) in his 16 starts with Indianapolis and went 1-0 with a 5.63 ERA (8.0ip/5er) in six relief appearances...Made his last five outings in relief.
- Was recalled a final time by Pittsburgh on 9/4; had a 4.15 ERA (8.2ip/4er) in four games in September.
- Started the final game of the season on 9/30 at Cincinnati (4.0ip/3r/2er).
- Went 1-2 with a 7.80 ERA (15.0ip/13er) in his four starts and 0-1 with a 5.56 ERA (11.1ip/7er) in relief.
- Produced a 1.29 ERA (14.0ip/2er) at PNC Park and a 13.14 ERA (12.1ip/18er) on the road.
- Went 0-for-6 with a run scored while batting with the Pirates.

	W-L	ERA	G	GS	CG	SHO	SV	IP	H	R	ER	HR	HB	BB	SO	WP	BK
2018 PIT	1-3	6.84	11	4	0	0	0	26.1	30	21	20	2	2	23	21	4	0
CAREER	1-3	6.84	11	4	0	0	0	26.1	30	21	20	2	2	23	21	4	0

Keone Kela • RHP • 6-1 • 210 • 25 yrs old • #35

Saves/Opp: 0/1 1st Batter/retired: 16/12 Inherited Runners/Scored: 0/0

- Went 3-4 with 24 saves and a 3.29 ERA (52.0ip/19er) in 54 games between Texas and Pittsburgh.
- Held right-handed hitters to a .147 average (16-for-109); .125 (10-for-80) in 38 games with Texas and .207 (6-for-29) in his 16 games with Pittsburgh.
- Posted all 24 saves (25 opportunities) while pitching with the Rangers.
- Ranked second in the Majors with a 95.8 save percentage behind New York's Aroldis Chapman (96.4; 27-for-28) heading into the action on 7/30.
- Was charged with a blown save on 7/24 vs. Oakland; ended a span of 23 straight saves converted to open 2018, the longest season-opening streak in Texas history.
- His blown save on 7/24 also ended his streak of 25 consecutive saves over two seasons; tied for the second-longest streak in Texas history behind Joe Nathan (31 from 4/15 to 9/12/12) and John Wetteland (25 from 7/25/97 to 5/20/98).
- Recorded a 2.10 ERA (25.2ip/6er) in his last 26 games with the Rangers.
- Ranked fifth in the American League in saves prior to being acquired by the Pirates.
- Was acquired by Pittsburgh on 7/31 in exchange for minor league pitcher Taylor Hearn and a player to be named (infielder Sherten Apostel on 8/17).
- Did not allow a run in his first five outings (5.0ip) with the Pirates and was scored upon just once in his first 13 National League appearances thru 8/31 (13.0ip/1er - 0.64 ERA).
- Was charged with four runs in 0.1ip on 9/1 at Atlanta and suffered a blown save and loss; entered game with a 3-1 lead in the eighth inning.
- Made his final appearance on 9/3; was shut down by the team on account of heavy workload.

	W-L	ERA	G	GS	CG	SHO	SV	IP	H	R	ER	HR	HB	BB	SO	WP	BK
2018 TEX	3-3	3.44	38	0	0	0	24	36.2	28	14	14	3	0	14	44	4	2
2018 PIT	0-1	2.93	16	0	0	0	0	15.1	10	5	5	2	0	5	22	2	0
CAREER	19-11	3.41	196	0	0	0	27	185.0	138	72	70	19	4	71	230	15	5

LAST FIVE APPEARANCES WITH PIRATES

CLAY HOLMES

DATE	OPP	DEC	IP	H	R	ER	BB	SO	HR
8/24	at Mil	L, 3	0.2	2	3	3	3	1	0
9/11	at Stl	ND	0.2	4	2	2	0	1	0
9/21	MIL	ND	2.0	0	0	0	2	1	0
9/27	at Chi	ND	2.0	1	0	0	0	2	0
9/30	at Cin	ND	4.0	3	3	2	4	3	1

KEONE KELA

DATE	OPP	DEC	IP	H	R	ER	BB	SO	HR
8/25	at Mil	ND	1.0	0	0	0	0	2	0
8/29	at Stl	ND	1.0	1	0	0	0	1	0
8/31	at Atl	ND	1.0	0	0	0	0	2	0
9/1	at Atl	L, 1	0.1	3	4	4	0	1	1
9/3	CIN	ND	1.0	0	0	0	0	0	0

GEORGE KONTOS

DATE	OPP	DEC	IP	H	R	ER	BB	SO	HR
5/8	at CWS	ND	1.0	1	1	1	0	1	1
5/11	SF	ND	1.0	1	0	0	0	2	0
5/12	SF	BS	0.1	2	1	1	0	0	0
5/19	SD	ND	1.0	2	2	1	0	0	1
5/22	at Cin	ND	1.0	1	1	1	0	2	0

DOVYDAS NEVERAUSKAS

DATE	OPP	DEC	IP	H	R	ER	BB	SO	HR
9/23	MIL	ND	1.0	1	1	1	0	0	1
9/25	at Chi	ND	2.0	1	0	0	0	1	0
9/27	at Chi	ND	1.0	1	0	0	0	1	0
9/28	at Cin	ND	1.0	2	2	1	0	1	1
9/30	at Cin	ND	1.0	0	0	0	0	2	0

Final National League Central Standings

Team	W	L	PCT.	GB
Brewers	96	67	.589	---
Cubs	95	68	.583	1.0
Cardinals	88	74	.543	7.5
Pirates	82	79	.509	13.0
Reds	67	95	.391	26.5

N.L. Central Standings at All-Star Break

Team	W	L	PCT.	GB
Cubs	55	38	.591	---
Brewers	55	43	.561	2.5
Cardinals	48	46	.511	7.5
Pirates	48	49	.495	9.0
Reds	43	53	.448	13.5

N.L. Central Standings after All-Star Break

Team	W	L	PCT.	GB
Brewers	41	24	.631	---
Cardinals	40	28	.588	2.5
Cubs	40	30	.571	3.5
Pirates	34	30	.531	6.5
Reds	24	42	.364	17.5

George Kontos • RHP • 6-3 • 225 • 33 yrs old**Saves/Opp:** 2/2 **1st Batter/retired:** 21/13 **Inherited Runners/Scored:** 0/0

- Went 2-3 with one save and a 4.39 ERA (26.2ip/13er) in 28 big league games between three teams.
- Began season in Pittsburgh's bullpen and made three scoreless outings to begin the year (3.0ip).
- Picked up his second Major League save in Pittsburgh's Home Opener on 4/2 vs. Minnesota.
- Gave up three runs in 1.0ip and suffered first of three losses on 4/7 vs. Cincinnati.
- Recorded his two victories on 4/14 at Miami and 4/7 vs. St. Louis.
- Was designated for assignment on 5/25 and given his unconditional release on 5/28.
- Signed a minor league contract with Cleveland on 6/3.
- Was traded to the Yankees on 8/4 in exchange for cash considerations.
- Made lone appearance with New York on 8/13...Was designated for assignment on 8/15.

	W-L	ERA	G	GS	CG	SHO	SV	IP	H	R	ER	HR	HB	BB	SO	WP	BK
2018 PIT	2-3	5.03	21	0	0	0	1	19.2	23	12	11	4	3	5	9	0	0
2018 CLE	0-0	3.39	6	0	0	0	0	5.1	3	2	2	1	0	2	4	1	0
2018 NYY	0-0	0.00	1	0	0	0	0	1.2	1	0	0	0	0	0	2	0	0
CAREER	18-18	3.10	350	0	0	0	2	357.0	309	137	123	38	7	103	288	10	0

Alex McRae • RHP • 6-2 • 220 • 25 yrs old • #51**Saves/Opp:** 0/0 **1st Batter/retired:** 2/1 **Inherited Runners/Scored:** 0/0

- Spent majority of season with Triple-A Indianapolis.
- Went 3-10 with a 4.77 ERA (117.0ip/62er) and one save in 26 games (19 starts) with Indianapolis.
- Tied for third in the International League in losses and ranked ninth in runs allowed (67).
- Lost his first four decisions before winning his first game on 5/20 at Durham.
- Was selected from Indianapolis on 7/7, but did not appear in a game with the Pirates before being optioned back to Triple-A on 7/10.
- Was recalled on 7/27 and made his Major League debut on 8/1 vs. Chicago (NL); gave up three hits and one run in 3.0 innings of relief.
- Suffered lone loss on 8/4 vs. St. Louis; entered game in the fifth inning with the score tied 3-3 and went on to give up three runs in 3.1 innings of work.
- Was optioned back to Indianapolis on 8/5.
- Picked up his first professional save on 8/9 vs. Lehigh Valley.

	W-L	ERA	G	GS	CG	SHO	SV	IP	H	R	ER	HR	HB	BB	SO	WP	BK
2018 PIT	0-1	5.68	2	0	0	0	0	6.1	8	4	4	0	1	5	5	2	0
CAREER	0-1	5.68	2	0	0	0	0	6.1	8	4	4	0	1	5	5	2	0

Dovydas Neverauskas • RHP • 6-3 • 225 • 25 yrs old • #66**Saves/Opp:** 0/1 **1st Batter/retired:** 25/17 **Inherited Runners/Scored:** 12/5

- Split season between the Pirates and Triple-A Indianapolis.
- Made the Major League Opening Day roster for the first time in his career.
- Pitched a scoreless inning in the Season Opener on 3/30 at Detroit, but was then scored upon in five of his next six games (5.2ip/8er) and was optioned to Indianapolis on 4/16.
- Struck out four batters in 2.0 scoreless innings to earn his first save with Indy on 4/20 vs. Charlotte.
- Was scored upon just once in 13 Triple-games between 4/20 and 5/26 (18.0ip/2er - 1.00 ERA).
- Posted a 1.17 ERA (23.0ip/3er) and two saves in 17 appearances with Indy thru 6/6.
- Was recalled by Pittsburgh on 6/8 and pitched 2.0 scoreless innings that afternoon at Chicago (NL).
- Was scored upon in two of his next three games (2.1ip/5er)...Was optioned to Indianapolis on 6/18.
- Was recalled on 7/3 and struck out a career-high five batters in 2.0ip that night in Los Angeles.
- Was charged with a season-high four runs in 0.2ip on 7/6 vs. Philadelphia.
- Was optioned back to Indianapolis on 7/7.
- Did not allow an earned run in his eight Triple-A appearances during the month of July (11.1ip/1r).
- Was selected to the International League mid-season All-Star team.
- Had a 1.14 ERA (39.1ip/5er) and four saves in 29 games with Indy when he was recalled a third time on 8/3.
- Made two appearances (2.2ip/1er) before being optioned back to Indianapolis on 8/10.
- Was recalled a final time by Pittsburgh on 9/1.
- Posted a 4.22 ERA (10.2ip/5er) in 10 games with the Pirates during the month of September.
- Was scored upon in 15 of his 25 games with Pittsburgh; 13 of his 25 runs allowed came via a home run.
- Gave up two hits and posted a 1.13 ERA (8.0ip) in seven outings during the afternoon with the Bucs.
- Went 2-3 with four saves and a 2.53 ERA (46.1ip/15r/13er) in 34 games with Indianapolis.

	W-L	ERA	G	GS	CG	SHO	SV	IP	H	R	ER	HR	HB	BB	SO	WP	BK
2018 PIT	0-0	8.00	25	0	0	0	0	27.0	30	25	24	9	1	10	27	2	0
CAREER	1-1	6.02	49	0	0	0	0	52.1	54	36	35	13	2	18	44	4	0

Richard Rodríguez • RHP • 6-4 • 230 • 28 yrs old • #48**Saves/Opp:** 0/0 **1st Batter/retired:** 62/45 **Inherited Runners/Scored:** 28/4

- Led all National League rookie relief pitchers in strikeouts and ranked third among all Major League rookie relievers behind Tampa Bay's Ryan Yarbrough (106) and LAA's Noe Ramirez (93).
- Set the club record for most strikeouts by a rookie relief pitcher (was 84 by Blas Minor in 1993).
- Tied for fourth among all N.L. relief pitchers in strikeouts.
- Held left-handed hitters to a .155 batting average (18-for-116) and just three extra-base hits.
- Was scored upon just once in his final 19 appearances, dating back to 8/16 (19.2ip/1er - 0.46 ERA).
- Posted a 1.83 ERA (19.2ip/4er) in his 22 games pitching in the seventh inning.
- Produced a 1.88 ERA (28.2ip/6er) in 30 games against teams from the N.L. Central division.
- Led the Pittsburgh staff with 11 wild pitches and tied for second in the league in that department.
- Began season with Triple-A Indianapolis, where he made two scoreless outings (5.0ip/1h/2bb/9so).
- Was selected by Pittsburgh on 4/13 and made debut with the Pirates on 4/17 vs. Colorado (1.0ip/0r).
- Struck out a career-high six batters in 2.2ip on 4/19 at Philadelphia.
- Suffered loss in the 11th inning on 4/22 at Philadelphia.
- Had his first career plate appearance on 5/1 at Washington and struck out.
- Matched his career and season-high with six strikeouts in 2.0ip on 5/6 at Milwaukee; also struck out in his second plate appearance.
- Had 21 K's in his first 11.1 innings of work after his first eight appearances.
- Picked up his first Major League win on 5/9 at Chicago (AL).
- Was placed on the 10-day D.L. on 6/8 (retro to 6/7) with right shoulder inflammation.
- Threw 20 pitches in a simulated game on 6/16 at PNC Park...Was reinstated from the D.L. on 6/18.
- Pitched a career-high 3.0 innings and struck out five batters on 6/23 vs. Arizona.
- Made 17 consecutive scoreless appearances (18.0ip/30so) between 8/16 and 9/24.

	W-L	ERA	G	GS	CG	SHO	SV	IP	H	R	ER	HR	HB	BB	SO	WP	BK
2018 PIT	4-3	2.47	63	0	0	0	0	69.1	55	19	19	5	5	19	88	11	0
CAREER	4-3	3.36	68	0	0	0	0	75.0	67	28	28	9	6	22	91	11	0

Enny Romero • LHP • 6-3 • 235 • 27 yrs old**Saves/Opp:** 0/0 **1st Batter/retired:** 2/1 **Inherited Runners/Scored:** 0/0

- Began season with Washington.
- Was designated for assignment on 4/7 and was claimed off waivers by the Pirates on 4/14.
- Made his debut with the Pirates on 4/18 vs. Colorado and gave up one run in 2.0ip; also doubled off Mike Dunn for his first Major League hit.
- Was placed on the 10-day disabled list on 4/29 (retro to 4/26) with left shoulder impingement.
- Was recalled from rehab, reinstated from the D.L. and designated for assignment on 7/2.

	W-L	ERA	G	GS	CG	SHO	SV	IP	H	R	ER	HR	HB	BB	SO	WP	BK
2018 WAS	0-0	13.50	2	0	0	0	0	2.0	5	3	3	1	1	1	2	0	0
2018 PIT	0-0	4.50	2	0	0	0	0	4.0	7	5	2	0	0	3	5	2	0
2018 KC	0-0	20.25	4	0	0	0	0	4.0	11	9	9	3	0	2	5	0	0
CAREER	4-6	5.12	137	1	0	0	3	146.0	160	92	83	19	4	74	156	7	2

LAST FIVE APPEARANCES WITH PIRATES**RICHARD RODRÍGUEZ**

DATE	OPP	DEC	IP	H	R	ER	BB	SO	HR
9/21	MIL	ND	0.2	0	0	0	0	1	0
9/22	MIL	ND	1.0	0	0	0	0	0	0
9/24	at Chi	ND	1.0	1	0	0	0	2	0
9/26	at Chi	L, 3	0.2	1	1	1	1	0	0
9/28	at Cin	ND	1.0	2	0	0	0	1	0

CASEY SADLER

DATE	OPP	DEC	IP	H	R	ER	BB	SO	HR
8/9	at SF	ND	1.0	3	3	0	0	1	0
8/10	at SF	ND	3.1	6	4	4	3	2	0

EDGAR SANTANA

DATE	OPP	DEC	IP	H	R	ER	BB	SO	HR
9/10	at Stl	L, 3	0.0	2	3	3	1	0	1
9/14	at Mil	ND	1.0	1	0	0	0	0	0
9/17	KC	W, 3	1.0	0	0	0	0	0	0
9/18	KC	ND	1.0	1	0	0	0	0	0
9/21	MIL	L, 4	0.0	3	4	4	1	0	1

FELIPE VÁZQUEZ

DATE	OPP	DEC	IP	H	R	ER	BB	SO	HR
9/19	KC	SV, 35	1.0	0	0	0	1	0	0
9/22	MIL	SV, 36	1.0	1	0	0	0	2	0
9/24	at Chi	ND	1.0	1	0	0	0	0	0
9/29	at Cin	ND	1.0	0	0	0	0	2	0
9/30	at Cin	SV, 37	1.0	0	0	0	0	2	0

MOST SAVES IN ONE SEASON BY A PIRATE

Pitcher	Saves	Year
Mark Melancon	51	2015
Mike Williams	46	2002
Jose Mesa	43	2004
Joel Hanrahan	40	2011
Felipe Vázquez	37	2018
Joel Hanrahan	36	2012
Jim Gott	34	1988
Jason Grilli	33	2013
Mark Melancon	33	2014

MOST SAVES IN ONE SEASON BY A LHP

Pitcher	Saves	Year
Felipe Vázquez	37	2018
Mike Gonzalez	24	2006
Felipe Vázquez	21	2017
Tony Watson	15	2016
Ramon Hernandez	14	1972
Grant Jackson	14	1979
Ricardo Rincon	14	1998
Rod Scurry	14	1982

Casey Sadler • RHP • 6-3 • 220 • 28 yrs old

Saves/Opp: 0/0 **1st Batter/retired:** 2/0 **Inherited Runners/Scored:** 2/1

- Was a non-roster invitee with the Pirates in spring training.
- Spent majority of the regular season with Triple-A Indianapolis, where he went 6-5 with a 3.39 ERA (77.0ip/29er) in 27 games (eight starts).
- Went 3-3 with a 3.56 ERA (43.0ip/17er) in his eight starts and 3-2 with one save and a 3.18 ERA (34.0ip/12er) in 19 relief appearances with Indy.
- Picked up his lone save on 7/4 vs. Louisville; his first since 5/12/12 while pitching with Bradenton.
- Was selected by Pittsburgh on 7/23...Did not pitch before being optioned back to Indy on 7/25.
- Pitched a 7.0-inning complete game in game two of a doubleheader on 7/27 at Buffalo.
- Was recalled a second time on 8/5.
- Pitched an inning of relief on 8/9 at San Francisco and gave up three unearned runs - his first game in the Majors with the Pirates since 4/12/15.
- Pitched 3.1 innings of relief on 8/10 at San Francisco and gave up four runs; also went 0-for-2 at the plate.
- Was optioned back to Indianapolis on 8/11 and was designated for assignment on 8/16.

	W-L	ERA	G	GS	CG	SHO	SV	IP	H	R	ER	HR	HB	BB	SO	WP	BK
2018 PIT	0-0	8.31	2	0	0	0	0	4.1	9	7	4	0	0	3	3	1	0
CAREER	1-1	6.86	9	1	0	0	0	19.2	25	18	15	1	1	9	15	2	0

Edgar Santana • RHP • 6-2 • 190 • 27 yrs old • #37

Saves/Opp: 0/7 **1st Batter/retired:** 69/48 **Inherited Runners/Scored:** 36/11

- Ranked third among N.L. rookies in appearances (69); the fifth-highest single-season total by a Pirates pitcher and the most since Arquimedes Caminero made 73 in 2015.
- Held left-handed hitters to a .214 (27-for-126) batting average.
- Had a 2.03 ERA (26.2ip/6er) and held opponents to a .179 average while pitching in the seventh inning.
- Posted a 0.53 ERA (17.0ip/1er) in his 10 games when pitching more than 1.0 inning.
- Made 13 consecutive scoreless appearances and held opposing hitters to a .167 average (7-for-42) between 4/28 and 5/27 (12.0ip).
- Won his first Major League game on 5/16 vs. Chicago (AL).
- Retired the one San Diego batter he faced on 5/17 and picked up his second win in as many days.
- Gave up four hits and three runs in 0.2ip while suffering first big league loss on 5/29 vs. Chicago (NL).
- Was scored upon three times in 21 games between 4/28 and 6/17; he gave up a home run in all three games (a three-run shot and a pair of two-run homers).
- Was scored upon just twice in 28 games between 7/1 and 9/7 (29.1ip/2er), dropping his season ERA to 2.42.
- Surrendered a three-run homer to Matt Adams in the eighth inning on 9/10 and suffered a blown save and loss; his first runs allowed since 8/15.
- Made three straight scoreless outings between 9/14-18 (3.0ip).
- Left the game on 9/21 vs. Milwaukee with right forearm/elbow discomfort after giving up four runs.
- Underwent "Tommy John" surgery on 10/4 (surgery performed by Dr. James Andrews).

	W-L	ERA	G	GS	CG	SHO	SV	IP	H	R	ER	HR	HB	BB	SO	WP	BK
2018 PIT	3-4	3.26	69	0	0	0	0	66.1	61	25	24	7	3	12	54	3	0
CAREER	3-4	3.31	88	0	0	0	0	84.1	77	33	31	9	4	24	74	3	0

Felipe Vázquez • LHP • 6-2 • 225 • 27 yrs old • #73

Saves/Opp: 37/42 **1st Batter/retired:** 69/45 **Inherited Runners/Scored:** 22/12

- **Was selected to the National League All-Star team for the first time in his career.**
- His 37 saves were the most by a LHP in club history (previous high was 24 by Mike Gonzalez in 2006) and the fifth-highest single season total overall.
- **Ranked third among National League pitchers in saves** and sixth among all Major League pitchers.
- Ranked second behind Colorado's Wade Davis (63) in games finished (60) in the N.L.
- Held left-handed batters to a .175 (11-for-63) average and just three extra-base hits.
- Posted five multi-inning saves for the second straight season.
- Tied for fourth among National League relief pitchers with his 89 strikeouts; the second-highest total in club history for a left-handed relief pitcher behind Rod Scurry (94 in 1982).
- Surrendered four runs in his season debut on 3/30 at Detroit (0.1ip).
- Earned saves in both games of the day/night doubleheader in Detroit on 4/1; made his 200th career appearance in game two.
- Changed his last name from Rivero to Vazquez on 4/10.
- Converted each of his first nine save chances thru 5/17...Suffered first blown save on 5/20 vs. San Diego; gave up four runs (three earned) without retiring a batter in an 8-5 loss.
- Gave up a season-high five runs (four earned) while suffering a blown save and loss on 5/31 at St. Louis.
- Went 27-for-28 in save opportunities; posted a 1.70 ERA (47.2ip/9er) and had 66 strikeouts in his final 46 games, beginning on 6/5.
- Saved both games of the doubleheader on 7/14 vs. Milwaukee.
- Made 16 straight scoreless outings (15.2ip) and whiffed 29 batters between 6/15 and 7/21.
- Surrendered a home run to Yonder Alonso on 7/25 at Cleveland - just the second home run he has given up to a left-handed batter and first since 6/15/16 at Cincinnati (Jay Bruce).
- **Was named the N.L. Reliever-of-the-Month for July** after going 1-0 with eight saves in eight chances and posting a 1.46 ERA (12.1ip/2er) and 22 strikeouts in 14 games.
- Surrendered back-to-back homers to lead off the ninth inning before going on to record his 34th save on 9/16 at Milwaukee (first time he allowed two homers in a game).
- **Converted a career-high 24 consecutive save opportunities between 6/6 and 9/16;** the longest streak in the National League in 2018 and the third-longest in the Majors.

	W-L	ERA	G	GS	CG	SHO	SV	IP	H	R	ER	HR	HB	BB	SO	WP	BK
2018 PIT	4-2	2.70	70	0	0	0	37	70.0	63	24	21	4	1	24	89	3	0
CAREER	12-12	2.93	267	0	0	0	61	270.2	211	97	85	17	12	88	312	10	2

2018 Disabled List (17 players, 20 appearances)

Player (injury)	On DL	Date Eligible	Off DL	Games Missed
Nick Burdi (R elbow surgery) *	2/20	5/19	9/1	66-69
A.J. Schugel (R shoulder discomfort) *	3/29 (retro to 3/26)	4/5	8/25	63-66
Joe Musgrove (R shoulder strain)	4/2 (retro to 3/30)	4/9	5/25	24-22
Josh Harrison (L hand fracture)	4/16	4/26	5/20	15-15
Enny Romero (L shoulder impingement)	4/29 (retro to 4/26)	5/6	7/2	24-30
Starling Marte (R oblique strain)	5/18 (retro to 5/16)	5/26	5/26	2-5
Ivan Nova (R hand ring finger sprain)	5/28 (retro to 5/25)	6/4	6/10	3-9
Richard Rodríguez (R shoulder inflammation)	6/8 (retro to 6/7)	6/17	6/18	4-5
Francisco Cervelli (concussion D.L./10-day D.L.)	6/22	6/29	7/8	4-10
Michael Feliz (R shoulder inflammation)	6/24	7/4	7/7	4-7
Sean Rodríguez (R quadriceps strain)	6/27 (retro to 6/25)	7/5	7/20	11-7
Nik Turley (L elbow strain) *	6/29	8/28	--	44-37
Chad Kuhl (R forearm strain) *	6/29 (retro to 6/27)	8/26	--	44-37
Joe Musgrove (R index finger infection)	7/3 (retro to 6/30)	7/10	7/10	2-4
Francisco Cervelli (post-concussive symptoms/10-day D.L.)	7/14	7/21	7/26	8-1
Josh Bell (L oblique strain)	7/28	8/7	8/8	4-5
Corey Dickerson (L hamstring strain)	7/28 (retro to 7/25)	8/4	8/4	3-2
Sean Rodríguez (L abdomen strain)	8/7 (retro to 8/6)	8/16	8/24	6-9
Jordy Mercer (L calf strain)	8/16 (retro to 8/15)	8/25	8/29	3-8
Gregory Polanco (L shoulder surgery)	9/18 (retro to 9/15)	9/25	--	7-5

* 60-day DL

^ Team record in games missed

AWARD SEASON

The following Pirates earned awards during the 2018 season:

- Pittsburgh BBWAA Pitcher of the Year
- **Trevor Williams**

- Pittsburgh BBWAA Player of the Year
- **Starling Marte**

- Pittsburgh BBWAA Good Guy Award
- **Jameson Taillon**

- National League All-Star
- **Felipe Vázquez**

- N.L. Reliever of the Month
- **Felipe Vázquez** (July)

- N.L. Rookie of the Month
- **Austin Meadows** (May)

- Heart and Hustle Award (nominee)
- **Corey Dickerson**

- Hank Aaron Award (nominee)
- **Gregory Polanco**

- Roberto Clemente Award (nominee)
- **Jameson Taillon**

- Rawlings Gold Glove Award winner (left field)
- **Corey Dickerson**

CATCHERS THROWING

	CS/ATT	PCT	PB	PICK OFFS	CATCHER'S ERA
Cervelli	21/48	44%	8	0	(793.2ip/349er) 3.96
Díaz	11/32	34%	0	1	(549.1ip/252er) 4.13
Stallings	2/7	29%	0	0	(91.0ip/36er) 3.56

CAUGHT STEALINGS BY PITCHERS.....	2
PITCHER PICKOFFS.....	2
SB OFF PITCHERS.....	1
NO THROWS.....	14
OTHERS (double steals).....	3

Josh Bell • 1B • S/R • 6-4 • 240 • 26 yrs old • #55**2018 Home:** .254, 5 HR, 33 RBI **2018 Road:** .269, 7 HR, 29 RBI
2018 vs. LHP: .254, 2 HR, 17 RBI **2018 vs. RHP:** .264, 10 HR, 45 RBI

- Set career highs in walks and doubles...Led the Pirates in walks.
- Went 5-for-10 as a pinch hitter in 2018; is 14-for-34 (.412) in his career.
- Made his second straight start at first base on Opening Day; the first Bucco to do so since Adam LaRoche made three straight starts there between 2007-09.
- Was Pittsburgh's most-used starter (65 times) in the cleanup position; he hit .233 (57-for-245) with five homers and 34 RBI from the fourth spot.
- Hit safely in each of his first six games (9-for-24, .375) and reached base safely in his first 12 thru 4/12.
- Hit .217 (23-for-106) in April and .280 (26-for-93) in May.
- Batted second in the starting lineup for the first time on 6/25 at New York (NL) and went 1-for-4 with a home run and two RBI.
- Was the leadoff batter on 7/6 vs. Philadelphia and went 1-for-5 (his second career start batting first)...Went 2-for-13 in three starts from the leadoff spot.
- Appeared in each of the first 89 games thru 7/8 before sitting out the action on 7/9.
- Fell a homer shy of hitting for the cycle while going 4-for-4 on 7/13 vs. Milwaukee.
- Had a walkoff double in the 10th inning to beat Milwaukee on 7/15.
- Hit .329 (23-for-70) in 22 games during the month of July.
- Matched his season and career high with four hits on 7/21 at Cincinnati.
- Suffered a left oblique strain on 7/27 vs. New York (NL) and was placed on the 10-day D.L. the following day...Was reinstated on 8/8.
- Hit his two home runs batting right-handed on 8/9 at San Francisco (off Andrew Suarez) and 8/11 at San Francisco (Ty Blach).
- Did not collect another RBI until homering again on 9/7 vs. Miami (went 19 games without an RBI between 8/12 and 9/3).
- Hit safely in 12 of his 13 games between 9/7-22, going 19-for-46 (.413) with five doubles, three home runs, a .509 on-base percentage and a 1.226 OPS.
- Reached base safely in 20 of his last 21 games, producing a .427 OBP.

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 PIT	.261	148	501	74	131	31	4	12	62	77	104	.357
CAREER	.260	352	1178	167	306	65	10	41	171	164	240	.348

Elias Díaz • C • R/R • 6-1 • 220 • 27 yrs old • #32**2018 Home:** .257, 3 HR, 9 RBI **2018 Road:** .306, 7 HR, 25 RBI
2018 vs. LHP: .346, 4 HR, 9 RBI **2018 vs. RHP:** .257, 6 HR, 25 RBI

- Spent his first full season in the Major Leagues with the Pirates.
- Hit .287 (66-for-230) with 12 doubles, 10 home runs and 34 RBI in his 60 starts.
- Made 70 appearances (59 starts) behind the plate and threw out 11 of the 32 runners attempting to steal against him (34%).
- Posted a 4.13 catcher's ERA (549.1ip/252er), had nine errors and picked one runner off base (Addison Russell at third base on 8/19).
- Hit .346 (28-for-81) against left-handed pitchers.
- Hit .403 (27-for-67) with five home runs when leading off an inning.
- Went 12-for-29 (.414) with three homers in 11 interleague games; homered as the designated hitter on 8/15 at Minnesota.
- Hit .484 (15-for-31) in April (12 games) and .139 (5-for-36) in May (14 games).
- Produced a .287 average (51-for-178) from 6/10 thru the end of the season.
- Made 14 straight starts while Francisco Cervelli was on the D.L. between 6/22 and 7/7; the longest such streak by a Pittsburgh catcher since Ryan Doumit made 15 in a row in 2009 between 7/10-28.

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 PIT	.286	82	252	33	72	12	0	10	34	21	40	.339
CAREER	.256	149	446	51	114	26	0	11	54	32	80	.304

Corey Dickerson • OF • L/R • 6-1 • 210 • 29 yrs old**2018 Home:** .298, 4 HR, 20 RBI **2018 Road:** .301, 9 HR, 35 RBI
2018 vs. LHP: .293, 1 HR, 5 RBI **2018 vs. RHP:** .302, 12 HR, 50 RBI

- **Won his first Rawlings Gold Glove Award.**
- **Ranked first among N.L. left fielders with a .996 fielding percentage** and second among all N.L. outfielders in fielding percentage behind Charlie Blackmon (.997), who made one error in 297 chances.
- Made one error in 263 total chances and set career highs in assists (seven) and starts (122); made his lone error (a throwing miscue) on 8/26 at Milwaukee.
- Ranked eighth among the National League leaders in batting average.
- His 55 extra base hits were the most by a Pirates left fielder since Jason Bay recorded 67 in 2006.
- Set career high in triples and matched career high in stolen bases.
- Was Pittsburgh's recipient of the MLBPA Heart and Hustle Award.
- Hit .432 (19-for-44) with nine extra-base hits and a .458 OBP during an 11-game hitting streak between 4/4-16.
- Connected off Detroit's Alex Wilson for first career walkoff home run on 4/26 in Pirates' 1-0 win.
- Hit .323 (30-for-93) with 15 RBI and a .907 OPS in 25 games in April.
- Had a pair of four-hit games in May; 5/8 at Chicago (AL) and 5/23 at Cincinnati.
- Scored a career-high four runs and had three hits on 6/6 vs. Los Angeles (NL).
- Was placed on the Family Medical Emergency List on 6/20 and missed three games...Was reinstated on 6/23.
- His home run on 7/1 at San Diego was his first since 5/4 and first RBI since 6/1.
- Led off for the first time on 7/9 and went 2-for-5 with two runs scored; hit .301 (34-for-113) and had a .325 OBP in 27 games from the leadoff spot.
- Homered in four straight games between 7/15-22 which included a two-homer game on 7/21 at Cincinnati (his eighth career multi-homer game).
- Also hit his 100th career home run on 7/21.
- Hit safely in 17 of his 21 games between 6/26 and 7/24, going 31-for-79 (.392) and raising his season average from .296 to .318.
- Batted .400 (28-for-70) with six home runs and 12 RBI in 18 games during the month of July; **led all N.L. players with a 1.253 OPS in July.**
- Suffered a left hamstring strain on 7/24 in Cleveland and was placed on the 10-day disabled list on 7/28 (retro to 7/25).
- Was reinstated on 8/4 and hit .211 (19-for-90) in 25 games during the month of August which included an 0-for-18 streak between 8/21-29.
- His home run on 9/21 vs. Milwaukee was his first since 7/22 at Cincinnati and his first at PNC Park since 7/15.
- Connected off Jose Quintana at Wrigley Field on 9/26 for his only home run off a left-handed pitcher in 2018 (his first since 6/20/17).
- Hit .325 (25-for-77) in his last 22 games, dating back to 8/29, and .396 (19-for-48) in his final 14 contests, dating back to 9/11.

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 PIT	.300	135	504	65	151	35	7	13	55	21	80	.330
CAREER	.284	698	2456	342	697	162	27	103	311	152	564	.326

Adam Frazier • INF/OF • L/R • 5-10 • 180 • 26 yrs old • #26**2018 Home:** .336, 6 HR, 22 RBI **2018 Road:** .230, 4 HR, 13 RBI
2018 vs. LHP: .224, 1 HR, 5 RBI **2018 vs. RHP:** .291, 9 HR, 30 RBI

- Was the most-used leadoff batter (47 games and a 28-19 record in those starts).
- Made 47 starts at second base, 8 in right field, 7 in left field and 4 in center field.
- Hit .336 (47-for-140) in 59 games at home and .230 (41-for-178) in 54 games on the road.
- Hit .323 with runners on base and .333 (18-for-54) with RISP.
- Was the designated hitter on Opening Day and went 3-for-7 with two runs scored as the leadoff batter on 3/30 at Detroit.
- Connected off Chase Anderson for first career leadoff homer on 5/6 at Milwaukee.
- Hit his second leadoff homer on 5/15 vs. Chicago-AL off Reynaldo Lopez.
- Was hitting .237 overall and mired in an 8-for-43 (.186) slump when he was optioned to Triple-A Indianapolis on 6/10.
- Went 6-for-30 (.200) in eight minor league games before being recalled on 6/20 when Corey Dickerson was placed on the Family Medical Emergency List.
- Went 1-for-3 with a walk in two games before being optioned back to Indy on 6/23.
- Hit .223 (27-for-121) in 32 total games with Indy between 6/11 and 7/24; reached base safely in his last eight games with Indy between 7/16-24.
- Was recalled by the Pirates on 7/25 and hit .306 (55-for-180) with seven home runs and 27 RBI in his final 55 big league games.
- Had a pair of doubles while coming off the bench on 7/26 vs. New York (NL).
- Collected three hits off Jacob deGrom while leading off on 7/28 at PNC Park.
- Connected off St. Louis' Chasen Shreve for a home run on 8/5; his first career homer off a left-handed pitcher.
- Hit his second career walkoff home run on 8/19; a solo shot in the 11th inning off Chicago's Brandon Kintzler.
- Batted .338 (26-for-77) with 12 extra-base hits, 15 RBI and a 1.006 OPS in 24 games during the month of August.
- Went 4-for-4 with a homer and three RBI on 9/3 vs. Cincinnati; tying his career high (second time) in hits (also 8/14/16).

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 PIT	.277	113	318	52	88	23	2	10	35	29	53	.342
CAREER	.280	300	870	128	244	51	9	18	99	77	136	.345

Christopher Bostick • OF/INF • R/R • 5-10 • 200 • 25 yrs old**2018 Home:** .000, 0 HR, 0 RBI **2018 Road:** .000, 0 HR, 0 RBI
2018 vs. LHP: .000, 0 HR, 0 RBI **2018 vs. RHP:** .000, 0 HR, 0 RBI

- Spent majority of season with Triple-A Indianapolis, where he hit .295 (88-for-298) with 24 doubles, four homers and 32 RBI in 78 games.
- Hit safely in 12 of his 13 games between 5/8-21 (21-for-56, .375), which included a 16-for-35 (.457) clip between 5/13-20.
- Was on the D.L. between 6/27 and 7/20 due to an appendicitis.
- Played three rehab games with the GCL Pirates between 7/11-18 (3-for-8).
- Was recalled by Pittsburgh on 7/31.
- Played an inning in left field and grounded out in one at bat on 8/1 vs. Chicago (NL).
- Struck out as a pinch hitter on 8/3 vs. St. Louis.
- Was optioned back to Indianapolis on 8/4 when Corey Dickerson came off the disabled list.
- Was designated for assignment on 8/7 and then traded to Miami on 8/12.

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 PIT	.000	2	2	0	0	0	0	0	0	0	1	.000
2018 MIA	.214	13	14	0	3	1	0	0	2	2	6	.313
CAREER	.256	35	43	6	11	3	0	0	3	6	16	.360

Francisco Cervelli • C • R/R • 6-1 • 214 • 32 yrs old • #29**2018 Home:** .236, 5 HR, 23RBI **2018 Road:** .281, 7 HR, 34 RBI
2018 vs. LHP: .244, 4 HR, 16 RBI **2018 vs. RHP:** .264, 8 HR, 41 RBI

- Led all Major League catchers with a .376 on-base percentage.
- Set career highs in home runs, RBI, OPS (.809) and extra-base hits (30).
- Hit .302 (29-for-96) with runners in scoring position and .333 (18-for-54) with runners in scoring position and two outs.
- Was a finalist for the Silver Slugger award for N.L. catchers.
- Shared the National League lead with 21 caught stealings (also Jorge Alfaro).
- Threw out 21 of the 48 runners attempting to steal against him (44%), had eight passed balls, three errors and a 3.96 catcher's ERA (793.2ip/349er).
- Also made five appearances (four starts) at first base; his start there on 8/4 vs. St. Louis was his first since 4/20/16.
- His 11 home runs from the catching position were the most by a Bucco backstop since Russell Martin hit 15 in 2013.
- Made his fourth straight Opening Day start for the Pirates and went 2-for-6 with three RBI; has gone 6-for-15 (.400) with two doubles and a triple on Opening Day with the Pirates.
- Had a career-high six RBI on 4/25 vs. Detroit (game 1).
- Had 20 RBI at the end of April; just the seventh Pittsburgh player to produce 20 or more RBI in the first month of the season (March/April).
- Hit his fifth home run on 5/2 at Washington - matching his total from 2017.
- Served as the leadoff batter on 5/13 vs. San Francisco and went 1-for-4 with a walk; the first Pirates catcher to bat first since Jason Kendall on 10/3/04.
- Left the game on 5/15 vs. Chicago (AL) with a right forearm contusion after being hit by a pitch in the third inning...Did not play on 5/16.
- Hit third in the starting lineup on 5/17 vs. San Diego; just his second time batting third in the starting lineup with the Pirates and first time since 4/22/16.
- Was hitting .302 prior to hurting his hand diving back into first base on 5/17.
- Played in his 600th career game on 5/23 at Cincinnati and hit his seventh home run, matching his single season career high.
- Connected off Kenley Jansen for first career pinch-hit home run on 6/7.
- Took a foul tip off his shoulder and left jaw on 6/9 at Chicago (NL); missed the next three games...Returned to action on 6/13 at Arizona and started six of the next seven games thru 6/21.
- Was placed on the 7-day concussion D.L. on 6/22; was transferred to the 10-day D.L. on 6/30...Was recalled from rehab and reinstated from the D.L. on 7/8.
- Went back on the 7-day D.L. on 7/14 due to post concussive symptoms... Was transferred to the 10-day D.L. on 7/25...Was reinstated from the D.L. on 7/26.
- Snapped an 0-for-20 streak with an RBI-single in his final at bat on 7/28.
- Went 3-for-5 with five RBI and connected off Pierce Johnson for his fourth career grand slam on 8/10 at San Francisco.
- Hit .308 (24-for-78) with 10 RBI in 24 games during the month of August.

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 PIT	.259	104	332	39	86	15	3	12	57	51	84	.378
CAREER	.273	666	2062	256	562	92	15	35	256	249	450	.362

David Freese • INF • R/R • 6-2 • 220 • 35 yrs old • #23**2018 Home:** .284, 3 HR, 23 RBI **2018 Road:** .280, 6 HR, 19 RBI
2018 vs. LHP: .284, 3 HR, 13 RBI **2018 vs. RHP:** .280, 6 HR, 29 RBI

- Was a member of an Opening Day roster for the 10th time in his career.
- Made his first start on 4/1 in the second game of a day/night doubleheader at Detroit and went 2-for-4 with a two-run homer.
- Played in his 1000th career game on 4/13 at Miami.
- Made his first start at first base on 4/22 at Philadelphia; his first start at that position since 4/23/17.
- Hit .357 (20-for-56) over a 22-game stretch between 6/11 and 7/15, raising season average from .245 to .286.
- His lone triple with the Pirates was a game-tying, pinch-hit with two outs in the bottom of the ninth on 7/15 vs. Milwaukee; his first triple since 8/19/14.
- Went 3-for-3 with a home run, two walks and five RBI in addition to delivering the game-winning hit in the ninth inning on 7/27 vs. New York.
- Became the first Pirates player to produce five or more RBI, reach base safely at least five times and have a walkoff RBI in the same game (since RBI became an official statistic in 1920).
- Hit .364 (20-for-55) with three homers and 15 RBI in 20 games in July.
- Appeared in his 900th career game at third base on 8/6 at Colorado.
- Connected off Derek Law for 100th career home run on 8/9 at San Francisco.
- Hit .289 (59-for-204) with eight homers and 32 RBI in his 54 starts with the Bucs.
- Made 42 starts at third base, 11 at first base and one as the designated hitter while playing with Pittsburgh.
- Was traded to the Dodgers on 8/31.

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 PIT	.282	94	241	29	68	10	1	9	42	18	56	.336
2018 LA	.385	19	39	9	15	2	1	2	9	6	16	.489
CAREER	.275	1105	3596	446	990	184	7	102	506	347	930	.349

Josh Harrison • INF • R/R • 5-8 • 185 • 31 yrs old • #5**2018 Home:** .254, 3 HR, 21 RBI **2018 Road:** .246, 5 HR, 16 RBI
2018 vs. LHP: .219, 4 HR, 13 RBI **2018 vs. RHP:** .262, 4 HR, 24 RBI

- Was the Opening Day starter at second base for the third straight season; went 2-for-5 with three runs scored while batting second.
- Was leading all Major League players with 11 hits after seven games (thru 4/6).
- Suffered a broken left hand after being hit by a pitch on 4/15 at Miami (by Jose Urena); sustained a fracture to the fifth metacarpal of the left hand.
- Went 2-for-12 with a walk and an RBI in three rehab games with Double-A Altoona between 5/14-18.
- Was recalled from rehab and reinstated from the D.L. on 5/10.
- Returned to action as the leadoff batter for the Pirates on 5/20 vs. San Diego and went 3-for-4 with a double and an RBI.
- Capped off a four-hit game with an RBI-triple on 5/23 at Cincinnati; the triple proved to be the game winning hit in the 12th inning.
- Connected off Chicago's Kyle Hendricks for his sixth career leadoff home run on 5/30 at PNC Park.
- Connected off Hendricks again for seventh career leadoff HR on 6/10 at Wrigley Field.
- Played the final two innings of the 13-inning game on 6/22 vs. Arizona at third base - his first appearance at that position since 8/30/17.
- Batted third in the starting lineup for the first time on 6/25 at New York (NL) and went 1-for-4 with an RBI.
- Left the game before the All-Star break (7/15 vs. Milwaukee) with left hamstring discomfort while running out a ground ball in the fifth inning.
- Missed three games before returning to action on 7/23 at Cleveland; hit a three-run homer off Corey Kluber in his first at bat and went 2-for-3 in the game.
- Aggravated his hamstring again on 8/19; started just eight of the final 36 games.
- Hit .361 (48-for-133) with runners on base and .333 (23-for-69) with RISP.

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 PIT	.250	97	344	41	86	13	1	8	37	18	68	.293
CAREER	.277	842	2787	363	773	154	27	52	269	120	457	.317

Adeiny Hechavarria • INF • R/R • 6-0 • 195 • 29 yrs old**2018 Home:** .263, 0 HR, 1 RBI **2018 Road:** .208, 1 HR, 2 RBI
2018 vs. LHP: .455, 1 HR, 1 RBI **2018 vs. RHP:** .156, 0 HR, 2 RBI

- Hit .247 (73-for-296) with six homers and 31 RBI in 94 combined games between Tampa Bay, Pittsburgh and New York (AL).
- Made 61 appearances (57 starts) at shortstop with Tampa Bay and 15 appearances (12 starts) with the Pirates...Also made 16 appearances (11 starts) at short and four appearances at third base while playing with the Yankees.
- Made his sixth Opening Day roster, all starts at shortstop.
- Produced an RBI-single on Opening Day vs. Boston, capping a six-run eighth inning for the Rays.
- Became the first Rays shortstop with a multi-hit game on Opening Day since Jason Bartlett in 2010.
- Hit a go-ahead, three-run homer in the sixth inning on 4/22 vs. Minnesota, his first home run since September 27, 2017 at New York (AL).
- Was on the 10-day disabled list from 5/18 to 6/16 with a right hamstring strain.
- His error on 6/30 vs. Houston snapped his errorless streak at 94 games and 319 total chances - both Tampa Bay franchise records for a shortstop.
- Was designated for assignment on 8/1.
- Was acquired by Pittsburgh on 8/6 in deal for minor league RHP Matt Seelinger.
- Homered in his second game with the Pirates on 8/10 at San Francisco.
- Was traded to the Yankees on 8/31.

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 TB	.258	61	217	29	56	7	0	3	26	12	37	.289
2018 PIT	.233	15	43	2	10	4	0	1	3	3	11	.277
2018 NYY	.194	18	36	3	7	0	0	2	2	1	10	.216
CAREER	.254	811	2809	270	714	101	35	28	238	145	490	.290

Jung Ho Kang • INF • R/R • 6-0 • 215 • 31 yrs old • #16**2018 Home:** .000, 0 HR, 0 RBI **2018 Road:** .333, 0 HR, 0 RBI
2018 vs. LHP: .000, 0 HR, 0 RBI **2018 vs. RHP:** .333, 0 HR, 0 RBI

- Began season on the MLB Restricted List...Reported to Pirate City on 5/1.
- Participated in Extended Spring Training action thru 5/31.
- Was assigned to High-A Bradenton on 6/1.
- Went 2-for-4 and hit a grand slam in his second game on 6/2.
- Homered again in his next game on 6/4 while collecting four hits and a SB.
- Hit his third home run in his fifth game on 6/6.
- Started at shortstop on 6/8 vs. Tampa and went 1-for-4 with a two-run double.
- Went 10-for-24 (.417) with two doubles, three home runs and 11 RBI in seven games with Bradenton before being transferred to Triple-A Indianapolis.

- Was reinstated from the Restricted List and optioned to Indianapolis on 6/15.
- Went 3-for-4 with three RBI on 6/19 vs. Norfolk.
- Was scratched from the lineup on 6/20 due to left wrist discomfort.
- Was placed on the D.L. on 6/25 with a left wrist sprain on 6/25.
- Had surgery to debride cartilage in his left wrist on 8/3 in Pittsburgh (surgery performed by Dr. Ed Birdsong).
- Was recalled by Pittsburgh on 9/28.
- Singled as a pinch hitter in his first at bat with the Pirates on 9/28 at Cincinnati; his first Major League game since 10/2/16.
- Started at third base on 9/29 and went 1-for-4.
- Flied out as a pinch hitter on 9/30.

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 PIT	.333	3	6	0	2	0	0	0	0	0	1	.333
CAREER	.274	232	745	105	204	43	2	36	120	64	179	.355

Kevin Kramer • INF • L/R • 6-0 • 200 • 25 yrs old • #44**2018 Home:** .125, 0 HR, 1 RBI **2018 Road:** .143, 0 HR, 3 RBI
2018 vs. LHP: .000, 0 HR, 0 RBI **2018 vs. RHP:** .139, 0 HR, 4 RBI

- Spent full season with Triple-A Indianapolis, where he hit .311 (148-for-476) with 35 doubles, 15 home runs, 59 RBI and 13 stolen bases in 129 games.
- Ranked third among the league leaders in batting and third in OPS (.856).
- Also ranked second in slugging percentage (.492), second in total bases (234), second in doubles and fifth in OBP (.365).
- Was named to the International League's post-season All-Star team.
- Made 82 starts at second base, 19 at third base and 15 at shortstop with Indy.
- Went 5-for-5 on 7/19 - the first Indy player with five hits in a game since Josh Harrison went 5-for-5 on 5/28/11 at Pawtucket.
- Was selected by Pittsburgh on 9/4.
- Made his Major League debut on 9/5 and flied out as a pinch hitter.
- Made his first big league start at second base on 9/6 and singled off Dan Straily for first career hit; also had an RBI-single off Tayron Guerrero in the game.
- Went 3-for-9 in his first five games with the Pirates thru 9/11.
- Went hitless in his next 21 at bats before going 2-for-5 on 9/28 at Cincinnati.
- Made four starts at second base and three at third base with the Pirates.

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 PIT	.135	21	37	5	5	0	0	0	4	2	20	.175
CAREER	.135	21	37	5	5	0	0	0	4	2	20	.175

Ryan Lavarney • C • R/R • 6-4 • 250 • 31 yrs old • #63**2018 Home:** .667, 0 HR, 1 RBI **2018 Road:** .667, 0 HR, 0 RBI
2018 vs. LHP: .000, 0 HR, 0 RBI **2018 vs. RHP:** .800, 0 HR, 1 RBI

- Spent full season with Triple-A Indianapolis, where he hit .288 (76-for-264) with 23 doubles, nine home runs and 33 RBI in 77 games.
- Was selected to the International League's mid-season All-Star team.
- Made 60 starts behind the plate and one appearance as a pitcher.
- Hit .327 (18-for-55) in June and .308 (24-for-78) in August.
- Produced a 14-game hitting streak between 6/3-28 (18-for-51, .353).
- Made his fourth career appearance on the mound on 7/15 vs. Toledo; faced two batters and retired them both on a total of three pitches.
- Hit safely in 12 straight games between 7/21 and 8/3 (18-for-45, .400).
- Was selected by Pittsburgh on 9/4 and went 4-for-6 with an RBI as a pinch hitter during the month of September.
- Doubled and scored a run in his first game with the Pirates on 9/11 at St. Louis.
- Singled with the bases loaded in the 11th inning to give the Pirates a 2-1 win over the Royals at PNC Park on 9/18; **was his first career walkoff hit.**

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 PIT	.667	6	6	1	4	1	0	0	1	0	1	.667
CAREER	.208	146	390	31	81	25	0	7	43	30	103	.268

Jordan Luplow • OF • R/R • 6-1 • 190 • 25 yrs old • #47**2018 Home:** .167, 3 HR, 5 RBI **2018 Road:** .219, 0 HR, 2 RBI
2018 vs. LHP: .211, 1 HR, 2 RBI **2018 vs. RHP:** .167, 2 HR, 5 RBI

- Began season with Triple-A Indianapolis, where he hit .287 (90-for-314) with 25 doubles, three triples, eight home runs and 49 RBI in 88 games.
- Had two home runs and five RBI on 5/2 at Toledo.
- Produced a .330 (70-for-212) average, 31 extra-base hits, 41 RBI and 31 runs scored in 59 games between 5/1 and 7/4.
- Was tied for second in the International League in doubles (22), ranked fourth in RBI (47), fifth in extra-base hits (34) and eighth in batting (.297) at the time of his recall to Pittsburgh on 7/6.
- Also had nine outfield assists, including six at home plate, which ranked second in the International League.
- Made his season debut with the Pirates on 7/6 vs. Philadelphia; played the final two innings in left field and singled in his only at bat.
- Homered twice on 7/14 vs. Milwaukee (game two) while playing the entire game in left field; also had an assist.
- Started in left field and went 0-for-4 as the leadoff batter on 7/25 at Cleveland.
- Went 2-for-5 with a triple while leading off on 7/26 vs. New York (NL).
- Tallied his first Major League stolen base on 7/28 vs. New York (NL).
- Was hitting .182 when he was optioned to Indianapolis on 8/12.
- Did not appear in a Triple-A game before being recalled to replace the injured Jordy Mercer on the Pirates roster.
- Went 0-for-2 in two games before being optioned back to Triple-A on 8/21.
- Was recalled on 9/4 and hit .196 (9-for-46) in 15 games in September.
- Had a career-high three hits on 9/12 at St. Louis.
- Collected seven hits in his first 16 at bats to begin the final month before producing just two hits in his last 30 at bats.
- Made his first professional start in center field on 9/24 at Chicago (NL).
- Made 16 appearances (12 starts) in left field, 11 appearances (eight starts) in right field and three appearances (one start) in center field with the Pirates.
- Went 1-for-4 with a triple in his final game on 9/26 at Wrigley Field.
- Had an appendectomy on 9/27 at Northwestern Hospital in Chicago.

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 PIT	.185	37	92	16	17	1	3	3	7	10	18	.272
CAREER	.194	64	170	22	33	4	4	6	18	16	40	.274

Starling Marte • OF • R/R • 6-1 • 190 • 30 yrs old • #6**2018 Home:** .284, 8 HR, 32 RBI **2018 Road:** .271, 12 HR, 40 RBI
2018 vs. LHP: .237, 5 HR, 22 RBI **2018 vs. RHP:** .290, 15 HR, 50 RBI

- Set career highs in home runs, extra-base hits (57) and walks.
- Tied career high with 257 total bases (also 2015).
- Ranked third in the National League in stolen bases; was 33-for-47 in SB attempts.
- **Became the third player in team history to produce at least 20 homers and 30 steals in the same season**, joining Barry Bonds (1987, 1990-92) and Andy Van Slyke (1987-88).
- Is also one of only four Pirates all-time with at least five seasons of 40 extra-base hits and 30 stolen bases (also Honus Wagner, Max Carey and Barry Bonds).
- His 17-game hitting streak between 7/4-24 was the longest of his career and matched Colorado's Charlie Blackmon for the longest in the N.L. in 2018.
- Ranked sixth among the N.L. leaders with a .330 batting average with runners in scoring position; **his .396 average with RISP since 7/11 was the second-best mark in the league behind Mike Moustakas (.429).**
- Ranked fourth in the National League with a .404 average with runners in scoring position and two outs.
- Had the second-most assists (11) from center field; **his 62 assists since 2013 are tied with Gerardo Parra for first among all Major League outfielders.**
- Was the Opening Day starter in center field for the second straight year; was the O.D. starter in left field the previous four seasons (2013-16).
- Delivered his seventh career walkoff hit on 4/27 vs. St. Louis; an RBI-single with two outs in the 11th inning.
- Hit his first career inside-the-park home run on 5/4 at Milwaukee.
- Homered again the following day off Josh Hader.
- Suffered a right oblique strain in his first at bat on 5/15 vs. Chicago (AL) and was placed on the 10-day D.L. on 5/18 (retro to 5/16).
- Was reinstated from the D.L. on 5/26 and hit a 447' home run to center field in his first at bat that night off St. Louis' Jack Flaherty.
- Recorded his 800th career hit and 300th career RBI on 6/21 vs. Arizona.
- Moved from the third spot to the second spot of the lineup on 7/4 and went 2-for-4 with two RBI at Los Angeles (NL).
- Hit .281 (64-for-228) with 10 homers and 32 RBI in 58 games from the second spot and .264 (64-for-242) with nine homers and 34 RBI in 61 games from the third spot.
- Tied career high (second time) with three stolen bases on 7/6 vs. Philadelphia.
- Hit safely in 17 straight games between 7/4-24, going 28-for-71 (.394) with seven homers and 20 RBI while raising his season average from .265 to .292.
- Homered in both games of the doubleheader on 7/14 vs. Milwaukee.
- Connected off Jackson Stephens for second career grand slam on 7/20 at Cincinnati.
- Was hit by a Trevor Bauer pitch in the left hand in his first at bat on 7/25 at Cleveland and was removed from the game; missed the next two games.
- Hit .341 (29-for-85) with seven homers and 20 RBI in 23 games in July.
- Homered once during the month of August (8/7 at Colorado).
- Walked six times in a four-game span (19 plate appearances) between 9/25-28 after walking a total of six times in his previous 249 plate appearances.
- Received two walks in back-to-back games for the first time in his big league career on 9/27 and 9/28.
- Was voted Team MVP by the local chapter of the BBWAA.

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 PIT	.277	145	559	81	155	32	5	20	72	35	109	.341
CAREER	.286	821	3108	458	888	161	36	85	338	171	718	.341

Austin Meadows • OF • L/L • 6-3 • 210 • 23 yrs old**2018 Home:** .333, 2 HR, 5 RBI **2018 Road:** .247, 3 HR, 8 RBI
2018 vs. LHP: .302, 3 HR, 7 RBI **2018 vs. RHP:** .287, 2 HR, 6 RBI

- Hit .287 (51-for-178) with six home runs and 17 RBI in 59 total big league games between Pittsburgh and Tampa Bay.
- Began season with Triple-A Indianapolis, where he hit .279 (46-for-165) with 13 doubles, two homers, 21 RBI and 11 stolen bases in 42 total games.
- Hit .294 (37-for-126) with 10 doubles, a homer, 15 RBI and eight stolen bases in 32 minor league games thru 5/17.
- Was recalled by Pittsburgh on 5/18 when Starling Marte went on the disabled list.
- Made his Major League debut on 5/18 vs. San Diego; started in center field and went 2-for-4 with a stolen base while batting seventh.
- Singled off Tyson Ross in his second at bat for first big league hit.
- Went 3-for-4 and connected off San Diego's Jordan Lyles for first Major League home run on 5/20.
- Also homered off Cincinnati lefty Amir Garrett on 5/22 and again on 5/24.
- Fell a triple shy of hitting for the cycle on 5/14 at Cincinnati.
- Became the fourth Pittsburgh player since 1900 to produce 11 or more hits in their first six games; Fred Koppers (13 in 1913), Maurice Van Robays (12 in 1939), Gregory Polanco (12 in 2014) and Jack Merson (12 in 1951).
- Joined Shawon Dunston (11 hits and four homers) as the only other player to have 11 hits and three or more homers in their first six games with the Pirates.
- Collected his first big league triple on 5/25 vs. St. Louis.
- Produced seven multi-hit games and a 1.314 OPS in his first 10 starts thru 5/29.
- Became just the fifth player to debut in the Expansion Era (since 1961) and hit .400 with at least four home runs in his first 40 at bats, joining Albert Pujols, Jeff Francoeur, Brian Giles and Yasiel Puig in this select group.
- Was named the N.L. Rookie-of-the-Month for May after hitting .409 (18-for-44) with three doubles, a triple, four home runs, seven RBI a .426 OBP and a 1.221 OPS in 13 games.
- Hit leadoff for the first time on 6/27 at New York (NL) and went 1-for-4 with an RBI.
- Started just one game in a 10-game stretch between 7/6-14 (7/8 vs. Philadelphia).
- Was optioned back to Indianapolis on 7/15 and reached base safely in eight of his 10 Triple-A games thru 7/27.
- Was recalled by Pittsburgh on 7/28 when Corey Dickerson went on the D.L.
- Played his final game with the Pirates on 7/29 vs. New York (NL).
- Was one of three players traded to Tampa Bay on 7/31 in exchange for Chris Archer.
- Made 15 starts in center field, 11 in right field and nine in left field for the Pirates.

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 PIT	.292	49	154	16	45	8	2	5	13	8	35	.327
2018 TB	.250	10	24	3	6	1	0	1	4	2	5	.308
CAREER	.287	59	178	19	51	9	2	6	17	10	40	.325

Jordy Mercer • INF • R/R • 6-3 • 210 • 32 yrs old • #10**2018 Home:** .280, 1 HR, 19 RBI **2018 Road:** .224, 5 HR, 20 RBI
2018 vs. LHP: .286, 1 HR, 14 RBI **2018 vs. RHP:** .239, 5 HR, 25 RBI

- Set a career high in doubles (previous high was 27 in 2014).
- **Led all National League players with 86 hits from the eighth spot of the lineup** and ranked second behind Dansby Swanson (41) with 33 RBI.
- Hit five of his six home runs on the road; hit lone homer at PNC Park on 5/20.
- Was the Opening Day starter at shortstop for the sixth straight season - the longest streak since Jack Wilson made seven straight from 2003-09.
- Went 3-for-4 and hit his first home run on 5/6 at Milwaukee (110th at bat).
- Homered again two days later in Chicago (AL).
- Hit safely in each of his first 14 home games thru 5/11, the longest streak to start a season at home for a Bucco since Dave Parker in 1976 (17 games).
- Was a late scratch on 6/5 due to flu-like symptoms and also missed the action on 6/6.
- Played in his 715th career game at shortstop on 6/13 at Arizona, tying him with Frank Taveras (1972-1979) for eighth place on the club's all time list for games played at shortstop.
- Passed Bones Ely (735 games between 1896-1901) for seventh on the list on 7/10.
- Went 3-for-4 and tied career high (fourth time) with four RBI on 7/12 vs. Milwaukee.
- Appeared in his 800th career game on 8/1 vs. Chicago (NL).
- Had his first career two-error game on 8/12 at San Francisco.
- Was hitting .262 when he suffered a left calf strain on 8/14 at Minnesota.
- Was placed on the 10-day disabled list on 8/16 (retro to 8/15).
- Was reinstated on 8/29 and hit .154 (6-for-39) in his final 11 games.
- His 646 starts and 2701 total chances at shortstop since 2014 are the second-most in the N.L. behind Brandon Crawford (702 and 3147 respectively).
- Finished 2018 season with 772 career games at shortstop; good for seventh place on the Pirates all-time list (Gene Alley is sixth with 977 games at short).

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 PIT	.251	117	394	43	99	29	2	6	39	32	87	.315
CAREER	.256	821	2710	291	693	150	15	55	277	222	496	.316

Colin Moran • INF • L/R • 6-4 • 205 • 26 yrs old • #19**2018 Home:** .293, 5 HR, 34 RBI **2018 Road:** .264, 6 HR, 24 RBI
2018 vs. LHP: .177, 0 HR, 1 RBI **2018 vs. RHP:** .295, 11 HR, 57 RBI

- Ranked fourth among National League rookies in RBI, fourth in total bases (169), sixth in runs scored and eighth in ob-base percentage.
- **Shared the National League lead with two grand slams;** just the second Pittsburgh rookie with two grand slams in the same season (also Wally Westlake in 1947).
- Went 11-for-26 (.423) with a home run and four RBI as a pinch hitter; connected off Kansas City's Brandon Maurer for first career pinch-hit homer on 9/18 at PNC Park.
- His 11 pinch hits were tied for the fourth-most in the Majors and were the most by a Pittsburgh rookie since Mike Diaz had 11 in 1986; the modern day record (since 1900) for a Pirates rookie is 14 by Dan Costello in 1915.
- His 107 starts at third base were the most by a Bucco rookie since Richie Hebner made 120 in 1969 and the seventh-highest total since 1913.
- Was the Opening Day starter at third base.
- Connected off Lance Lynn for first career grand slam on 4/2 vs. Minnesota; just the third one hit by a Pirates player in the team's Home Opener (also Ralph Kiner off Cincinnati's Howie Fox in the third inning on April 22, 1949 and Roberto Clemente off Philadelphia's Jim Owens on April 10, 1962)
- Had a career-high four hits and three runs on 4/6 vs. Cincinnati.
- Hit .303 (23-for-76) with two homers and 14 RBI in 25 games in April.
- Hit a game-winning, two-run homer to cap off a four-run ninth inning in a 6-5 win on 5/9 at Chicago (AL).
- Had three hits, including two off left-handed pitchers, on 5/30 vs. Chicago (NL); his only Major League game with two hits off southpaws.
- Hit fourth in the starting lineup for the first time on 6/10 at Chicago (NL).
- Homered in back to back games on 6/16-17.
- Connected off Tyson Ross for his second grand slam on 7/1 at San Diego.
- Had his second four-hit game on 7/20 at Cincinnati.
- Had 20 straight singles between 7/12 and 8/9; snapped the streak with his second career triple on 8/10 at San Francisco - first since 7/21/17.
- Also collected his only RBI of the season off a left-handed pitcher on 8/10.
- Homered off Adam Wainwright on 9/10 at St. Louis; his first homer since 7/1, ending a homerless drought that lasted 52 games and 162 plate appearances.
- Hit .303 (47-for-155) in his final 57 games, dating back to 7/15.
- Produced a .264 average, 10 home runs and 52 RBI in his 110 starts at third base.
- Hit .323 (21-for-65) in his last 19 starts, dating back to 8/25.

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 PIT	.277	144	415	49	115	19	1	11	58	39	82	.340
CAREER	.272	160	449	53	122	20	2	12	63	41	91	.335

Max Moroff • INF • S/R • 5-10 • 185 • 25 yrs old • #38**2018 Home:** .175, 2 HR, 6 RBI **2018 Road:** .211, 1 HR, 3 RBI
2018 vs. LHP: .240, 2 HR, 5 RBI **2018 vs. RHP:** .147, 1 HR, 4 RBI

- Spent majority of season with Triple-A Indianapolis, where he hit .223 (55-for-247) with 14 doubles, two triples, eight homers and 38 RBI in 74 games.
- Made 28 starts at shortstop, 19 at third base, nine at second base, six in left field and two in right field while playing with Indianapolis.
- Was recalled a first time by Pittsburgh on 4/16.
- Made the start at second base on 4/18 vs. Colorado and went 1-for-4 with a double and RBI.
- Singled as a pinch hitter on 4/28 vs. St. Louis.
- Hit a two-run homer on 5/1 at Washington.
- Hit a three-run homer batting right-handed off former Bucco LHP Tony Watson on 5/11 at PNC Park.
- Went 8-for-37 (.216) with two homers and six RBI in 16 games with the Pirates before being optioned back to Indianapolis on 5/19.
- Hit a leadoff home run on 5/23 vs. Louisville.
- Connected for a grand slam on 6/8 vs. Pawtucket.
- Was recalled again by the Pirates on 6/29.
- Started at shortstop and homered on 7/14 vs. Milwaukee (game two).
- Hit .136 (3-for-22) in 19 games with the Bucs in July before being optioned back to Triple-A on 7/23.
- Made a total of eight starts at second base and three at shortstop with Pittsburgh.
- Went 8-for-40 (.200) with two home runs and seven RBI in his 11 starts with the Pirates (club went 8-3)

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 PIT	.186	26	59	7	11	1	0	3	9	7	24	.284
CAREER	.193	84	181	26	35	5	1	6	30	23	69	.293

Kevin Newman • INF • R/R • 6-1 • 180 • 25 yrs old • #27**2018 Home:** .161, 0 HR, 1 RBI **2018 Road:** .233, 0 HR, 5 RBI**2018 vs. LHP:** .257, 0 HR, 1 RBI **2018 vs. RHP:** .182, 0 HR, 5 RBI

- Spent majority of season with Triple-A Indianapolis, where he was named MVP.
- Hit .302 (132-for-437) with 30 doubles, four homers, 35 RBI, 28 stolen bases and a .350 on-base percentage in 109 games.
- Was named to the International League's mid- and post-season All-Star teams.
- Served as the leadoff hitter in 105 of his 106 starts with Indianapolis.
- Made 82 starts at shortstop and 21 at second base at the Triple-A level.
- Hit for the cycle and had career-high five hits on 8/7 vs. Lehigh Valley.
- Hit .373 (25-for-67) in his last 17 Triple-A games between 7/28 and 8/15.
- Was leading the International League in stolen bases (28) and runs scored (74) at the time of his promotion to Pittsburgh on 8/16.
- Made his Major League debut on 8/16 vs. Chicago (NL) and played the final inning at shortstop (did not bat).
- Pinch-ran and played final inning at shortstop on 8/17.
- Made his first Major League start at second base on 8/20 vs. Atlanta and went hitless in three at bats.
- Doubled off Wade Miley for first Major League hit and went 2-for-5 in his start at second base on 8/24 at Milwaukee.
- Went hitless 20 at bats between 8/25 and 9/3.
- Collected first big league RBI on 9/8 vs. Miami.
- Hit safely in six straight games between 9/8-17 (9-for-23, .391), capped off with a career-high three hits on 9/17 vs. Kansas City.
- Went hitless in his next five games (14 at bats) before hitting safely in each of his last five big league games (6-for-19, .316).
- Made 24 appearances (19 starts) at shortstop and eight appearances (five starts) at second base while playing with Pittsburgh.
- The Pirates went 15-4 in his 19 starts at shortstop.
- Hit .357 (5-for-14) against LHP and .182 (14-for-77) against RHP with the Bucs.

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 PIT	.209	31	91	7	19	2	0	0	6	4	23	.247
CAREER	.209	31	91	7	19	2	0	0	6	4	23	.247

José Osuna • INF/OF • R/R • 6-3 • 240 • 25 yrs old • #36**2018 Home:** .209, 2 HR, 7 RBI **2018 Road:** .256, 1 HR, 4 RBI**2018 vs. LHP:** .255, 3 HR, 10 RBI **2018 vs. RHP:** .196, 0 HR, 1 RBI

- Led the Pirates in home runs (5) and RBI (16) in spring training for the second straight year.
- Began season with Triple-A Indianapolis and hit safely in each of his first 13 games thru 4/23, going 15-for-45 (.333) with six doubles, a home run and eight RBI while making 12 starts at third base and one in right field.
- Was recalled by Pittsburgh on 4/25 to serve as the 26th man for the doubleheader against Detroit and hit a three-run homer in his first at bat while playing right field.
- Was optioned back to Indy following the game.
- Was named the International League's Player-of-the-Month for April after hitting .361 and leading the league in extra-base hits (12) and slugging percentage (.656); was also tied for second in RBI (16), doubles (nine), and total bases (40).
- Was leading the International League in OPS (1.037), slugging pct. (.628) and doubles (12) when he was recalled a second time by Pittsburgh on 5/8.
- Hit his second career pinch-hit home run on 5/11 off San Francisco's LHP Andrew Suarez.
- Batted second in the starting lineup for the first of two times on 5/13 vs. San Francisco and went 2-for-4...Collected one hit his next 13 at bats thru 5/24.
- Was optioned to Indianapolis when Starling Marte came off the D.L. on 5/26.
- Hit .351 (20-for-57) with six doubles, a homer and 12 RBI in 14 games with Indianapolis during the month of June.
- Was recalled by the Pirates on 6/18.
- Snapped an 0-for-18 streak in the big leagues with an RBI-single on 6/26 at New York.
- Went 2-for-17 in nine games before being optioned back to Indy on 7/2.
- Hit .273 (21-for-77) with a homer and nine RBI in 21 Triple-A games in July.
- Was recalled a fourth time on 7/28 when Josh Bell went on the disabled list.
- Went 3-for-17 with an RBI in seven games with the Pirates between 7/28 and 8/5 before being optioned back to Indy on 8/8.
- Was named International League Player-of-the-Week for the week of August 20-26 after hitting .478 (11-for-23) with three home runs, nine RBI, four runs scored and a 1.370 OPS in six games.
- Was recalled a fifth and final time on 9/1 and hit .279 (12-for-43) with six doubles, a home run and three RBI in 21 games during the month of September.
- Made his first Major League start at third base on 9/8 vs. Miami.
- His home run on 9/26 at Wrigley Field was his first with the Pirates since 5/11.
- Made 11 starts at first base, six at third base and five in right field for Pittsburgh.
- Hit .321 (97-for-302) with 26 doubles, nine home runs, 59 RBI and a .378 on-base percentage in 82 games with Indianapolis.

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 PIT	.226	51	106	14	24	9	0	3	11	3	22	.252
CAREER	.231	155	321	45	74	22	4	10	41	12	62	.263

Gregory Polanco • OF • L/L • 6-5 • 235 • 27 yrs old • #25**2018 Home:** .258, 12 HR, 36 RBI **2018 Road:** .250, 11 HR, 45 RBI**2018 vs. LHP:** .248, 4 HR, 18 RBI **2018 vs. RHP:** .256, 19 HR, 63 RBI

- Led the Pirates in home runs and RBI; set a career high in homers.
- Had a career-high 61 extra-base hits; the most by a Pirates player since Andrew McCutchen had 62 in 2015.
- His 60 extra-base hits as a right fielder were the most among N.L. players at that position and were the fifth-most among all outfielders in the league.
- Was the Opening Day starter in right field and homered in the 13th inning at Detroit to help lift the Pirates to a 13-10 victory; it marked just the second home run hit by a Pittsburgh player on Opening Day in the 13th inning or later (also Willie Stargell off Tony Cloninger in the 13th inning in Atlanta on April 12, 1966).
- Homered twice on 4/12 at Chicago (NL) - his third career two-homer game.
- His home run off lefty Justin Wilson on 4/12 was his first off a LHP since taking Houston's Tony Sipp deep on 8/23/16.
- Was leading MLB with 15 RBI following the action on 4/12.
- Hit .325 (13-for-40) in his first 11 games in May; hit .143 (6-for-42) in his last 12, which included an 0-for-22 streak between 5/22-30.
- Hit .306 (19-for-62) with 16 RBI in 24 games during the month of June.
- Homered in three straight games from 7/13-14, which included homers in both games of the doubleheader vs. Milwaukee on 7/14.
- His 16 home runs prior to the All-Star break were the most hit by a Pirates right fielder since Bobby Bonilla hit 16 from that position in 1990.

- Hit .301 (28-for-93) with eight homers and 18 RBI in 24 games in July.
- Had back-to-back three hit games on 7/28-29.
- Tied career high (second time) with two stolen bases on 7/29 vs. New York - his first game with two stolen bases since 6/5/15.
- Hit .314 (50-for-159) with 11 home runs and 36 RBI in 49 games between 5/31 and 7/31, raising his season average from .201 to .254.
- Threw out a batter/runner at first base on a hit to right field on 8/20 vs. Atlanta (pitcher Bryse Wilson).
- Had a .218 (22-for-101) average and .296 OBP in 27 games in August.
- Hit safely in each of his six games in September, going 9-for-22 (.409) with two homers and six RBI.
- Injured his left knee and left shoulder while sliding into second base on 9/7 vs. Miami and missed the remainder of the season.
- Underwent surgery on 9/12 to repair the labrum and regain stabilization of the left shoulder after the acute dislocation; surgery performed by Dr. David Altchek at the Hospital for Special Surgery in New York.
- Hit .286 (63-for-220) with 13 homers and 45 RBI in 57 games while batting third.

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 PIT	.254	130	461	75	117	32	6	23	81	61	117	.340
CAREER	.253	624	2237	326	565	130	16	72	287	226	476	.321

Pablo Reyes • OF/INF • R/R • 5-8 • 175 • 25 yrs old • #15**2018 Home:** .269, 0 HR, 1 RBI **2018 Road:** .313, 3 HR, 6 RBI**2018 vs. LHP:** .364, 3 HR, 5 RBI **2018 vs. RHP:** .250, 0 HR, 2 RBI

- Hit .284 (114-for-401) with 23 doubles, four triples, eight home runs, 41 RBI and 16 stolen bases in 122 minor league games between Altoona and Indianapolis.
- Began season with Altoona; was promoted to Triple-A on 4/20.
- Hit .341 (29-for-85) with 26 games during the month of May.
- Made 37 starts in left field, 25 at third base, 15 in center field, nine at shortstop and nine at second base while playing with Indianapolis.
- Ranked eighth among International League leaders in batting (.289).
- Was selected by Pittsburgh on 9/1 with three days left in the Triple-A season.
- Made Major League debut on 9/2 at Atlanta and flied out as a pinch hitter.
- Made first big league start at third base on 9/4 vs. Cincinnati and singled off Cody Reed for first career hit; also collected an RBI-double off Michael Lorenzen.
- Connected off Gio Gonzalez for first big league home run on 9/14 at Milwaukee.
- Had four straight multi-hit games between 9/12-18 and hit safely in five straight games overall between 9/12-19 (9-for-17, .529)
- Homered in back-to-back games at Wrigley Field on 9/24 and 9/25.
- Made eight appearances (seven starts) in right field, six appearances (four starts) in left field, three appearances (two starts) at third base and one appearance (9/17) at second base while playing with the Pirates.

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 PIT	.293	18	58	9	17	2	0	3	7	5	11	.349
CAREER	.293	18	58	9	17	2	0	3	7	4	11	.349

Sean Rodríguez • INF/OF • R/R • 6-0 • 200 • 33 yrs old**2018 Home:** .163, 1 HR, 8 RBI **2018 Road:** .172, 4 HR, 11 RBI**2018 vs. LHP:** .227, 2 HR, 8 RBI **2018 vs. RHP:** .142, 3 HR, 11 RBI

- Made a total of 36 starts with the Pirates; 13 at second base, 11 at shortstop, seven in left field and five in center field.
- Also made four appearances in right field, two at first base and one at third base.
- Hit .172 (21-for-122) with five homers and 16 RBI in his 36 starts.
- Batted third in the starting lineup and played center field on 4/30 at Washington; his first start in center field since 5/27/10.
- Recorded his only stolen base on 5/12 vs. San Francisco.
- Hit his only triple on 5/15 vs. Chicago (AL); his first since 5/1/16.
- Played in his 1,000th career Major League game on 6/2 at St. Louis.
- Went 1-for-25 with two RBI in 12 games during the month of June.
- Was on the 10-day D.L. with a right quadriceps strain from 6/25 thru 7/19.
- Went 10-for-44 (.227) with a homer and seven RBI in a total of 12 rehab games with Triple-A Indianapolis and High-A Bradenton between 7/2-15.
- Went 6-for-12 with two home runs and five RBI in three-game series at Cincinnati between 7/20-22.
- Collected two hits in his next 23 at bats after homering on 7/22.
- Was on the 10-day D.L. between 8/6-23 with a left abdomen strain.
- His final hit was an RBI-single as a pinch hitter on 8/25 at Milwaukee.
- Was designated for assignment on 8/29.

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 PIT	.167	66	150	21	25	5	1	5	19	22	60	.277
CAREER	.226	1023	2447	320	553	119	14	77	286	206	728	.300

Jacob Stallings • C • R/R • 6-5 • 220 • 28 yrs old • #58**2018 Home:** .263, 0 HR, 2 RBI **2018 Road:** .167, 0 HR, 3 RBI**2018 vs. LHP:** .100, 0 HR, 1 RBI **2018 vs. RHP:** .259, 9 HR, 4 RBI

- Spent majority of the season with Triple-A Indianapolis, where he batted .285 (73-for-256) with 22 doubles, three home runs and 40 RBI in 68 games.
- Set minor league career highs in runs (37), total bases (106), doubles and RBI.
- Hit .364 (20-for-55) with 13 RBI in 15 games during the month of April, the third-highest mark in the International League.
- Was hitting .294 (45-for-153) with 25 RBI in 40 games when he was recalled by Pittsburgh on 6/10.
- Was optioned back to Indy on 6/18 without appearing in a game with the Pirates.
- Played in one game with Indianapolis before being recalled on 6/22 when Francisco Cervelli went on the 7-day concussion D.L.
- Went 1-for-6 in four games before being optioned on 7/8.
- Was recalled again on 7/14 when Cervelli returned to the D.L.
- Made his first of nine starts on 7/14 vs. Milwaukee (game two).
- Went 1-for-3 in his start behind the plate on 7/25 at Cleveland.
- Was optioned back to Indianapolis on 7/26 when Cervelli came off the D.L.
- Hit for the cycle on 8/7 vs. Lehigh Valley, capping it off with his sixth career triple.
- Was recalled a fourth time on 8/12, but optioned on 8/16.
- Was recalled a fifth and final time on 9/1.
- Tied career high (second time) with three RBI on 9/12 at St. Louis.
- Went 3-for-5 and had his second career walkoff hit on 9/17 vs. Kansas City; a two-out single in the bottom of the ninth inning.
- Hit .233 (7-for-30) with five RBI in his nine starts behind the plate with the Pirates.

	AVG	G	AB	R	H	2B	3B	HR	RBI	BB	SO	OBP
2018 PIT	.216	14	37	2	8	0	0	0	5	3	9	.268
CAREER	.288	24	66	5	19	3	0	0	10	5	15	.333

