Rockies 2017 - Week #26

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Figure 1: Colorado Rockies

You see, you spend a good piece of your life gripping a baseball, and in the end it turns out that it was the other way around all the time. ~Jim Bouton, Ball Four, 1970

Table 1: NL West Standings

Tm	W	L	W-L%	GB
Los Angeles Dodgers	104	58	.642	–
Arizona Diamondbacks	93	69	.574	11.0
Colorado Rockies	87	75	.537	17.0
San Diego Padres	71	91	.438	33.0
San Francisco Giants	64	98	.395	40.0

Table 2: Current Rockies Results as of 2017-10-02

Wins	Losses	Win.Pct	Runs	Runs.Ag	Predicted Season Wins
87	75	53.704	824	757	88

Week #26

This is the last "regular season newsletter." The Rockies finished their regular season on Sunday, October 1. They were able to hold on to their bid for the second wild-card place in the National League. The Brewers finished just one game shy of the Rockies with 86 games versus the Rockies 87.

The Rockies will play a one-game playoff against the Arizona Diamondback in Phoenix, Arizona this **Wednesday at 6:00 PM MDT**

Assuming the Rockies prevail against the Diamondbacks, the next step will be to play a best-of-five series against the Los Angeles Dodgers starting on **Friday, October 6, Dodgers Stadium 10:31 PM ET.**

- **Featured Article**
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- **Colorado Rockies Dashboard**
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  - Playoff Odds as Presented by FanGraphs.
  - Top Twelve Rockies Players as Measured by WAR
  - National and American League Standings
  - Game-by-Game Results
  - **Pythagorean Theorem** prediction of the number of wins.
  - Batting Statistics (for non-pitchers)
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- **Glossary**
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Most of the source data for this article can be found at URL http://baseball-reference.com.

Let me know what other special interest statistics you might like to see next year. Remember to refer to the Glossaries at the end of the document if unfamiliar with one or more of the statistic abbreviations in the tables.

Postseason Schedule by Date

TUESDAY, OCT. 3

AL wild-card game: Minnesota Twins at New York Yankees, 8:09 ET p.m. (ESPN)

WEDNESDAY, OCT. 4

NL wild-card game: Colorado Rockies at Arizona Diamondbacks, 8:08 ET p.m. (TBS)

THURSDAY, OCT. 5

ALDS Game 1: Boston Red Sox at Houston Astros, 4:08 p.m. ET (MLB Network or Fox Sports 1)
ALDS Game 1: AL wild-card winner at Cleveland Indians, 7:38 p.m. ET (MLB Network or Fox Sports 1)

FRIDAY, OCT. 6

ALDS Game 2: Boston Red Sox at Houston Astros, 2:05 p.m. ET (MLB Network or Fox Sports 1)
ALDS Game 2: AL wild-card winner at Cleveland Indians, 5:08 p.m. ET (MLB Network or Fox Sports 1)
NLDS Game 1: Chicago Cubs at Washington Nationals, 7:31 p.m. ET (TBS)
NLDS Game 1: NL wild-card winner at Los Angeles Dodgers, 10:31 p.m. ET (TBS)

SATURDAY, OCT. 7

NLDS Game 2: Chicago Cubs at Washington Nationals, 5:38 p.m. ET (TBS)
NLDS Game 2: NL wild-card winner at Los Angeles Dodgers, 9:08 p.m. ET (TBS)

SUNDAY, OCT. 8

ALDS Game 3: Houston Astros at Boston Red Sox, TBA (MLB Network or Fox Sports 1)
ALDS Game 3: Cleveland Indians at AL wild-card winner, TBA (MLB Network or Fox Sports 1)

MONDAY, OCT. 9

NLDS Game 3: Washington Nationals at Chicago Cubs, TBA (TBS)
NLDS Game 3: Los Angeles Dodgers at NL wild-card winner, TBA (TBS)
+ALDS Game 4: Houston Astros at Boston Red Sox, TBA (Fox Sports 1)
+ALDS Game 4: Cleveland Indians at AL wild-card winner, TBA (Fox Sports 1)

TUESDAY, OCT. 10

+NLDS Game 4: Washington Nationals at Chicago Cubs, TBA (TBS)
+NLDS Game 4: Los Angeles Dodgers at NL wild-card winner, TBA (TBS)

WEDNESDAY, OCT. 11

+ALDS Game 5: Boston Red Sox at Houston Astros, TBA (Fox Sports 1)

+ALDS Game 5: AL wild-card winner at Cleveland Indians, TBA (Fox Sports 1)

THURSDAY, OCT. 12

+NLDS Game 5: Chicago Cubs at Washington Nationals, TBA (TBS)

+NLDS Game 5: NL wild-card winner at Los Angeles Dodgers, TBA (TBS)

+if necessary

Source: https://sports.yahoo.com/mlb-postseason-schedule-heres-watch-192246831.html

Colorado Rockies Dashboard

Win Loss Margin

One of the many ways to visualize a teams performance is to show wins and losses as the margin of the win (positive) or loss (negative). In the graphs below, we show the current season performance. For emphasis, wins are displayed in green (above the zero) and losses in red (below).

Following the current season's graph, I have included the Win/Loss margin chart for our benchmark season of 2007 when the Rockies won the National League pennant.

Rockies 2017 Win/Loss Margin
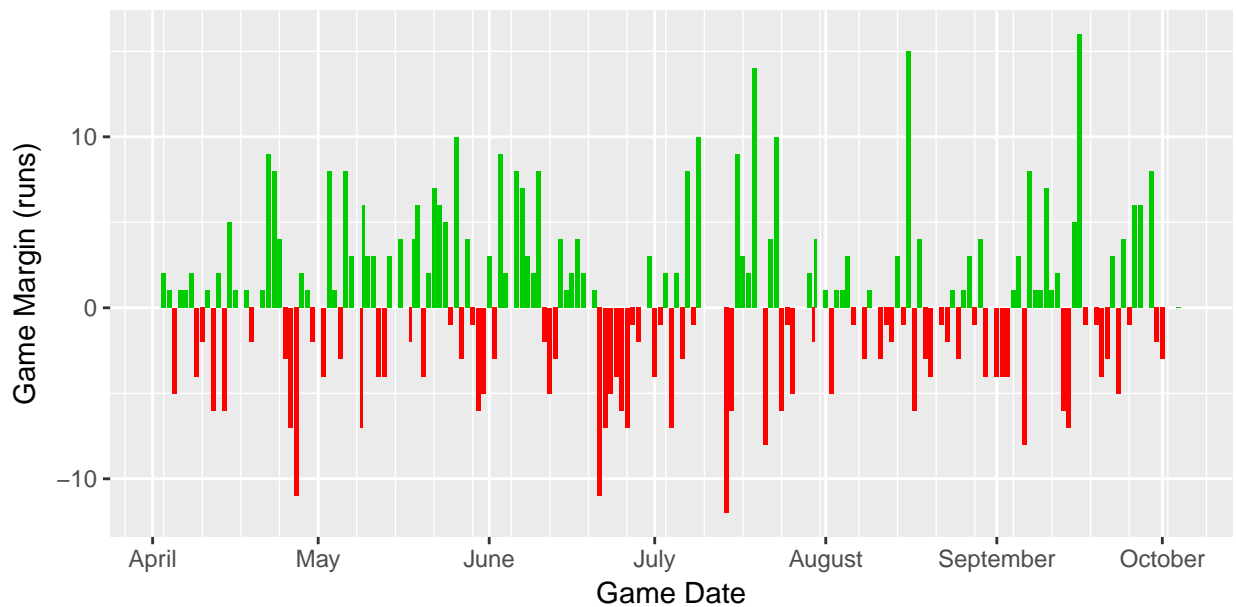
Rockies 2007 Win/Loss Margin
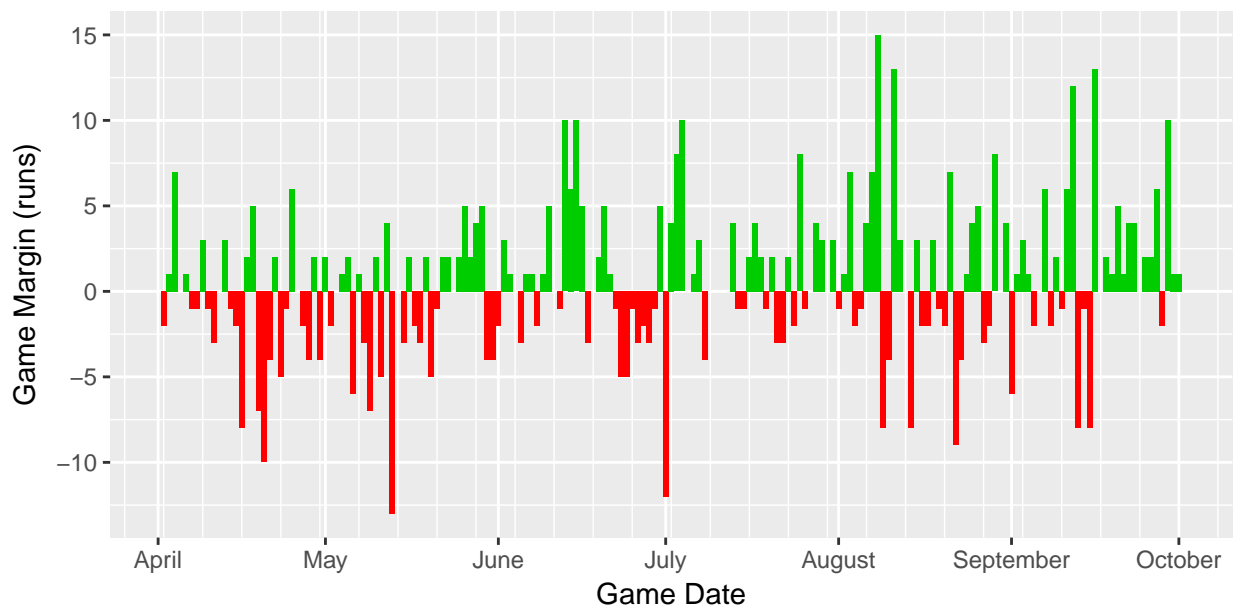
Playoff Odds as Presented by FanGraphs

American League Projected Standings / Odds

Abbreviations used in the following tables:

- W - Wins
- L - Losses
- W% - Win Percentage
- GB - Games Back
- EXPW - Expected Wins
- EXPL - Expected Losses
- rosW% - Rest of season wining percentage
- DIV - Percent chance of winning division
- WC - Percent chance of winning a wildcard spot
- POFF - Percent chance winning the division or wildcard spot
- DOFF - Percent chance of making the division series
- NL/AL DS - Percent chance of winning the divisional and making it to the championship series
- NL/AL CS - Percent chance of winning the championship series and making it to the world series
- WS - Percent chance of winning the World Series

Table 3: AL East

Team	W	L	W%	GB	EXPW	EXPL	rosW%	DIV	WC	POFF	DOFF	ALDS	ALCS	WS
Red Sox	93	69	0.574	0	93	69	0	100	0	100	100.0	47.8	22.5	11.8
Yankees	91	71	0.562	2	91	71	0	0	100	100	59.6	25.6	12.3	6.5
Rays	80	82	0.494	13	80	82	0	0	0	0	0.0	0.0	0.0	0.0
Blue Jays	76	86	0.469	17	76	86	0	0	0	0	0.0	0.0	0.0	0.0
Orioles	75	87	0.463	18	75	87	0	0	0	0	0.0	0.0	0.0	0.0

Table 4: AL Central

Team	W	L	W%	GB	EXPW	EXPL	rosW%	DIV	WC	POFF	DOFF	ALDS	ALCS	WS
Indians	102	60	0.630	0	102	60	0	100	0	100	100.0	64.0	36.4	22.1
Twins	85	77	0.525	17	85	77	0	0	100	100	40.4	10.3	2.6	0.7
Royals	80	82	0.494	22	80	82	0	0	0	0	0.0	0.0	0.0	0.0
White Sox	67	95	0.414	35	67	95	0	0	0	0	0.0	0.0	0.0	0.0
Tigers	64	98	0.395	38	64	98	0	0	0	0	0.0	0.0	0.0	0.0

Table 5: AL West

Team	W	L	W%	GB	EXPW	EXPL	rosW%	DIV	WC	POFF	DOFF	ALDS	ALCS	WS
Astros	101	61	0.623	0	101	61	0	100	0	100	100	52.2	26.3	15.1
Angels	80	82	0.494	21	80	82	0	0	0	0	0	0.0	0.0	0.0
Rangers	78	84	0.481	23	78	84	0	0	0	0	0	0.0	0.0	0.0
Mariners	78	84	0.481	23	78	84	0	0	0	0	0	0.0	0.0	0.0
Athletics	75	87	0.463	26	75	87	0	0	0	0	0	0.0	0.0	0.0

National League Projected Standings / Odds

Table 6: NL East

Team	W	L	W%	GB	EXPW	EXPL	rosW%	DIV	WC	POFF	DOFF	NLDS	NLCS	WS
Nationals	97	65	0.599	0	97	65	0	100	0	100	100	50.4	26.3	11.8
Marlins	77	85	0.475	20	77	85	0	0	0	0	0	0.0	0.0	0.0
Braves	72	90	0.444	25	72	90	0	0	0	0	0	0.0	0.0	0.0
Mets	70	92	0.432	27	70	92	0	0	0	0	0	0.0	0.0	0.0
Phillies	66	96	0.407	31	66	96	0	0	0	0	0	0.0	0.0	0.0

Table 7: NL Central

Team	W	L	W%	GB	EXPW	EXPL	rosW%	DIV	WC	POFF	DOFF	NLDS	NLCS	WS
Cubs	92	70	0.568	0	92	70	0	100	0	100	100	49.6	26.5	11.8
Brewers	86	76	0.531	6	86	76	0	0	0	0	0	0.0	0.0	0.0
Cardinals	83	79	0.512	9	83	79	0	0	0	0	0	0.0	0.0	0.0
Pirates	75	87	0.463	17	75	87	0	0	0	0	0	0.0	0.0	0.0
Reds	68	94	0.420	24	68	94	0	0	0	0	0	0.0	0.0	0.0

Table 8: NL West

Team	W	L	W%	GB	EXPW	EXPL	rosW%	DIV	WC	POFF	DOFF	NLDS	NLCS	W
Dodgers	104	58	0.642	0	104	58	0	100	0	100	100.0	65.8	35.1	16.
Diamondbacks	93	69	0.574	11	93	69	0	0	100	100	52.5	19.0	7.0	2.
Rockies	87	75	0.537	17	87	75	0	0	100	100	47.5	15.2	5.0	1.
Padres	71	91	0.438	33	71	91	0	0	0	0	0.0	0.0	0.0	0.
Giants	64	98	0.395	40	64	98	0	0	0	0	0.0	0.0	0.0	0.

Top Twelve Rockies Players as Measured by WAR

Following is a table of the top twelve Colorado Rockies players as measured by the most recent WAR assessment for pitchers and position players. Week after week Nolan Arenado is at the top of this list. You may be surprised by some of the others on the list.

Table 9: Rockies Top 12 Players (WAR)

Rank	Name	Age	WAR	Salary.M
1	Nolan Arenado	26	7.2	11.750
2	Charlie Blackmon	30	6.0	7.300
3	Kyle Freeland	24	3.4	0.535
4	German Marquez	22	3.2	0.535
5	Jon Gray	25	2.9	0.535
6	DJ LeMahieu	28	2.9	4.800
7	Trevor Story	24	2.6	0.535
8	Chris Rusin	30	2.4	0.535
9	Tyler Chatwood	27	2.2	4.400
10	Antonio Senzatela	22	2.1	0.535
11	Greg Holland	31	1.5	6.000
12	Jake McGee	30	1.4	5.900

National League Standings

Table 10: NL East Standings

Tm	W	L	W-L%	GB
Washington Nationals	97	65	.599	–
Miami Marlins	77	85	.475	20.0
Atlanta Braves	72	90	.444	25.0
New York Mets	70	92	.432	27.0
Philadelphia Phillies	66	96	.407	31.0

Table 11: NL Central Standings

Tm	W	L	W-L%	GB
Chicago Cubs	92	70	.568	–
Milwaukee Brewers	86	76	.531	6.0
St. Louis Cardinals	83	79	.512	9.0
Pittsburgh Pirates	75	87	.463	17.0
Cincinnati Reds	68	94	.420	24.0

Table 12: NL West Standings

Tm	W	L	W-L%	GB
Los Angeles Dodgers	104	58	.642	–
Arizona Diamondbacks	93	69	.574	11.0
Colorado Rockies	87	75	.537	17.0
San Diego Padres	71	91	.438	33.0
San Francisco Giants	64	98	.395	40.0

American League Standings

Table 13: AL East Standings

Tm	W	L	W-L%	GB
Boston Red Sox	93	69	.574	–
New York Yankees	91	71	.562	2.0
Tampa Bay Rays	80	82	.494	13.0
Toronto Blue Jays	76	86	.469	17.0
Baltimore Orioles	75	87	.463	18.0

Table 14: AL Central Standings

Tm	W	L	W-L%	GB
Cleveland Indians	102	60	.630	–
Minnesota Twins	85	77	.525	17.0
Kansas City Royals	80	82	.494	22.0
Chicago White Sox	67	95	.414	35.0
Detroit Tigers	64	98	.395	38.0

Table 15: AL West Standings

Tm	W	L	W-L%	GB
Houston Astros	101	61	.623	–
Los Angeles Angels	80	82	.494	21.0
Seattle Mariners	78	84	.481	23.0
Texas Rangers	78	84	.481	23.0
Oakland Athletics	75	87	.463	26.0

Rockies Game-by-Game Schedule/Results

Gm#	Day	Date	H/A	Opp	W/L	R	RA	Win	Loss	Save	D/N	Strea
1	Mon	Apr 3	A	MIL	W	7	5	Estevez	Marinez	Holland	D	+
2	Tue	Apr 4	A	MIL	W	6	5	Anderson	Davies	Holland	N	++
3	Wed	Apr 5	A	MIL	L	1	6	Peralta	Chatwood	Feliz	N	-
4	Thu	Apr 6	A	MIL	W	2	1	Dunn	Feliz	Holland	D	+
5	Fri	Apr 7	H	LAD	W	2	1	Freeland	Ryu	McGee	D	++
6	Sat	Apr 8	H	LAD	W	4	2	Dunn	Kershaw	Holland	N	+++
7	Sun	Apr 9	H	LAD	L	6	10	Maeda	Anderson		D	-
8	Mon	Apr 10	H	SDP	L	3	5	Diaz	Chatwood		N	–
9	Tue	Apr 11	H	SDP	W	3	2	Senzatela	Diaz	Holland	N	+
10	Wed	Apr 12	H	SDP	L	0	6	Lee	Freeland		D	-
11	Thu	Apr 13	A	SFG	W	3	1	Rusin	Bumgarner	Holland	N	+
12	Fri	Apr 14	A	SFG	L	2	8	Cueto	Anderson		N	-
13	Sat	Apr 15	A	SFG	W	5	0	Chatwood	Moore		D	+
14	Sun	Apr 16	A	SFG	W	4	3	Senzatela	Samardzija	Holland	D	++
15	Tue	Apr 18	A	LAD	W	4	3	Rusin	Ryu	Holland	N	+++
16	Wed	Apr 19	A	LAD	L	2	4	Kershaw	Anderson	Jansen	N	-
17	Fri	Apr 21	H	SFG	W	6	5	Chatwood	Cueto	Holland	N	+
18	Sat	Apr 22	H	SFG	W	12	3	Senzatela	Moore		N	++
19	Sun	Apr 23	H	SFG	W	8	0	Freeland	Samardzija		D	+++
20	Mon	Apr 24	H	WSN	W	8	4	Estevez	Romero		N	+++
21	Tue	Apr 25	H	WSN	L	12	15	Romero	Marquez		N	-
22	Wed	Apr 26	H	WSN	L	4	11	Roark	Chatwood		N	–
23	Thu	Apr 27	H	WSN	L	5	16	Gonzalez	Senzatela		D	—
24	Fri	Apr 28	A	ARI	W	3	1	Freeland	Ray	Holland	N	+
25	Sat	Apr 29	A	ARI	W	7	6	Estevez	Rodney	Holland	N	++
26	Sun	Apr 30	A	ARI	L-wo	0	2	Delgado	Lyles		D	-
27	Tue	May 2	A	SDP	L	2	6	Cahill	Chatwood		N	–
28	Wed	May 3	A	SDP	W	11	3	Senzatela	Weaver		N	+
29	Thu	May 4	A	SDP	W	3	2	Qualls	Hand	Holland	D	++
30	Fri	May 5	H	ARI	L	3	6	Greinke	Marquez	Rodney	N	-
31	Sat	May 6	H	ARI	W	9	1	Anderson	Corbin	Rusin	N	+
32	Sun	May 7	H	ARI	W	5	2	Chatwood	Walker	Holland	D	++
33	Tue	May 9 (1)	H	CHC	W	10	4	Senzatela	Arrieta		D	+++
34	Tue	May 9 (2)	H	CHC	L	1	8	Lackey	Freeland		N	-
35	Wed	May 10	H	CHC	W	3	0	Marquez	Hendricks	Holland	D	+
36	Thu	May 11	H	LAD	W	10	7	Hoffman	Ryu	Holland	N	++
37	Fri	May 12	H	LAD	L	2	6	Kershaw	Chatwood		N	-
38	Sat	May 13	H	LAD	L	0	4	Wood	Anderson		N	–
39	Sun	May 14	H	LAD	W	9	6	Senzatela	Urias	Holland	D	+
40	Tue	May 16	A	MIN	W	7	3	Freeland	Hughes	Holland	N	++
41	Thu	May 18 (1)	A	MIN	W	5	1	Marquez	Santana	Holland	D	+++
42	Thu	May 18 (2)	A	MIN	L	0	2	Berrios	Chatwood	Kintzler	N	-
43	Fri	May 19	A	CIN	W	12	6	Anderson	Bonilla		N	+
44	Sat	May 20	A	CIN	L	8	12	Wojciechowski	Dunn		D	-
45	Sun	May 21	A	CIN	W	6	4	Freeland	Arroyo	Holland	D	+
46	Mon	May 22	A	PHI	W	8	1	Hoffman	Eickhoff		N	++
47	Tue	May 23	A	PHI	W	8	2	Marquez	Eflin		N	+++
48	Wed	May 24	A	PHI	W	7	2	Chatwood	Hellickson		N	+++
49	Thu	May 25	A	PHI	L-wo	1	2	Gomez	Oberg		D	-
50	Fri	May 26	H	STL	W	10	0	Senzatela	Martinez		N	+

Gm#	Day	Date	H/A	Opp	W/L	R	RA	Win	Loss	Save	D/N	Strea
51	Sat	May 27	H	STL	L	0	3	Wainwright	Freeland	Oh	N	-
52	Sun	May 28	H	STL	W	8	4	Marquez	Lynn		D	+
53	Mon	May 29	H	SEA	L	5	6	Gaviglio	Chatwood	Diaz	D	-
54	Tue	May 30	H	SEA	L	4	10	Miranda	Anderson		N	–
55	Wed	May 31	A	SEA	L	0	5	Paxton	Senzatela		N	—
56	Thu	Jun 1	A	SEA	W	6	3	Freeland	Gallardo	Holland	D	+
57	Fri	Jun 2	A	SDP	L	5	8	Richard	Marquez	Maurer	N	-
58	Sat	Jun 3	A	SDP	W	10	1	Chatwood	Chacin		D	+
59	Sun	Jun 4	A	SDP	W	3	1	Hoffman	Cosart	Holland	D	++
60	Tue	Jun 6	H	CLE	W	11	3	Senzatela	Clevinger		N	+++
61	Wed	Jun 7	H	CLE	W	8	1	Freeland	Bauer		D	+++
62	Thu	Jun 8	A	CHC	W	4	1	Chatwood	Lester	Holland	N	+++
63	Fri	Jun 9	A	CHC	W	5	3	Rusin	Frankoff	Holland	D	+++
64	Sat	Jun 10	A	CHC	W	9	1	Hoffman	Butler		D	+++
65	Sun	Jun 11	A	CHC	L	5	7	Edwards	Lyles	Davis	D	-
66	Mon	Jun 12	A	PIT	L	2	7	Taillon	Freeland		N	–
67	Tue	Jun 13	A	PIT	L	2	5	Cole	Ottavino		N	—
68	Wed	Jun 14	A	PIT	W	5	1	Marquez	Kuhl		N	+
69	Thu	Jun 15	H	SFG	W-wo	10	9	Holland	Strickland		N	++
70	Fri	Jun 16	H	SFG	W	10	8	Senzatela	Samardzija	Holland	N	+++
71	Sat	Jun 17	H	SFG	W	5	1	Freeland	Cain		D	+++
72	Sun	Jun 18	H	SFG	W-wo	7	5	Estevez	Melancon		D	+++
73	Tue	Jun 20	H	ARI	W	4	3	Ottavino	Greinke	Holland	N	+++
74	Wed	Jun 21	H	ARI	L	5	16	Walker	Hoffman		N	-
75	Thu	Jun 22	H	ARI	L	3	10	Godley	Senzatela		D	–
76	Fri	Jun 23	A	LAD	L	1	6	Wood	Freeland		N	—
77	Sat	Jun 24	A	LAD	L	0	4	Kershaw	Chatwood		N	—-
78	Sun	Jun 25	A	LAD	L	6	12	Baez	Ottavino	Jansen	D	——
79	Mon	Jun 26	A	SFG	L	2	9	Samardzija	Marquez		N	——
80	Tue	Jun 27	A	SFG	L-wo	3	4	Gearrin	Qualls		N	——-
81	Wed	Jun 28	A	SFG	L	3	5	Blach	Freeland	Strickland	D	——
82	Fri	Jun 30	A	ARI	W	6	3	Gray	Ray	Holland	N	+
83	Sat	Jul 1	A	ARI	L	2	6	Greinke	Chatwood	Rodney	N	-
84	Sun	Jul 2	A	ARI	L-wo	3	4	Rodney	Ottavino		D	–
85	Mon	Jul 3	H	CIN	W	5	3	Hoffman	Castillo	Holland	N	+
86	Tue	Jul 4	H	CIN	L	1	8	Bailey	Freeland		N	-
87	Wed	Jul 5	H	CIN	W	5	3	Gray	Feldman	Holland	N	+
88	Thu	Jul 6	H	CIN	L	3	6	Romano	Chatwood		D	-
89	Fri	Jul 7	H	CHW	W	12	4	Marquez	Holland		N	+
90	Sat	Jul 8	H	CHW	L	4	5	Kahnle	Holland	Robertson	N	-
91	Sun	Jul 9	H	CHW	W	10	0	Freeland	Rodon		D	+
92	Fri	Jul 14	A	NYM	L	2	14	deGrom	Gray		N	-
93	Sat	Jul 15	A	NYM	L	3	9	Lugo	Chatwood		N	–
94	Sun	Jul 16	A	NYM	W	13	4	Hoffman	Matz		D	+
95	Mon	Jul 17	H	SDP	W	9	6	Marquez	Perdomo	Holland	N	++
96	Tue	Jul 18	H	SDP	W	9	7	Senzatela	Lamet	Holland	N	+++
97	Wed	Jul 19	H	SDP	W	18	4	Gray	Richard		D	+++
98	Fri	Jul 21	H	PIT	L	5	13	Williams	Hoffman		N	-
99	Sat	Jul 22	H	PIT	W	7	3	Marquez	Kuhl	Holland	N	+
100	Sun	Jul 23	H	PIT	W	13	3	Freeland	Nova		D	++
101	Mon	Jul 24	A	STL	L	2	8	Leake	Senzatela		N	-
102	Tue	Jul 25	A	STL	L-wo	2	3	Rosenthal	McGee		N	–

Gm#	Day	Date	H/A	Opp	W/L	R	RA	Win	Loss	Save	D/N	Strea
103	Wed	Jul 26	A	STL	L	5	10	Martinez	Hoffman		N	—
104	Sat	Jul 29	A	WSN	W	4	2	Marquez	Roark	Holland	N	+
105	Sun	Jul 30 (1)	A	WSN	W	10	6	Freeland	Fedde	Holland	D	++
106	Sun	Jul 30 (2)	A	WSN	L	1	3	Jackson	Gray	Doolittle	N	-
107	Tue	Aug 1	H	NYM	W-wo	5	4	Dunn	Robles		N	+
108	Wed	Aug 2	H	NYM	L	5	10	Bradford	Chatwood		N	-
109	Thu	Aug 3	H	NYM	W-wo	5	4	Holland	Robles		D	+
110	Fri	Aug 4	H	PHI	W	4	3	Dunn	Garcia	Holland	N	++
111	Sat	Aug 5	H	PHI	W	8	5	Gray	Pivetta		N	+++
112	Sun	Aug 6	H	PHI	L	2	3	Ramos	Holland	Neris	D	-
113	Tue	Aug 8	A	CLE	L-wo	1	4	Kluber	Holland		N	–
114	Wed	Aug 9	A	CLE	W	3	2	Estevez	McAllister	Chatwood	D	+
115	Fri	Aug 11	A	MIA	L	3	6	Tazawa	McGee	Ziegler	N	-
116	Sat	Aug 12	A	MIA	L	3	4	Nicolino	Hoffman	Ziegler	N	–
117	Sun	Aug 13	A	MIA	L	3	5	Guerra	Marquez	Despaigne	D	—
118	Mon	Aug 14	H	ATL	W	3	0	Dunn	Brothers	Holland	N	+
119	Tue	Aug 15	H	ATL	L	3	4	Freeman	Neshek	Vizcaino	N	-
120	Wed	Aug 16	H	ATL	W	17	2	Gray	Foltynewicz		N	+
121	Thu	Aug 17	H	ATL	L	4	10	Sims	Hoffman		D	-
122	Fri	Aug 18	H	MIL	W	8	4	Marquez	Garza		N	+
123	Sat	Aug 19	H	MIL	L	3	6	Swarzak	Holland	Knebel	N	-
124	Sun	Aug 20	H	MIL	L	4	8	Anderson	Freeland	Knebel	D	–
125	Tue	Aug 22	A	KCR	L	2	3	Duffy	Gray	Alexander	N	—
126	Wed	Aug 23	A	KCR	L-wo	4	6	Maurer	Holland		N	—-
127	Thu	Aug 24	A	KCR	W	3	2	Ottavino	Minor	Holland	D	+
128	Fri	Aug 25	A	ATL	L	2	5	Teheran	Bettis	Vizcaino	N	-
129	Sat	Aug 26	A	ATL	W	7	6	Neshek	Vizcaino	McGee	N	+
130	Sun	Aug 27	A	ATL	W	3	0	Gray	Foltynewicz	McGee	D	++
131	Mon	Aug 28	H	DET	L	3	4	Zimmermann	Senzatela	Greene	N	-
132	Tue	Aug 29	H	DET	W	7	3	Neshek	Fulmer		N	+
133	Wed	Aug 30	H	DET	L	2	6	Verlander	Bettis		D	-
134	Fri	Sep 1	H	ARI	L	5	9	Walker	Freeland		N	–
135	Sat	Sep 2	H	ARI	L	2	6	Corbin	Gray		N	—
136	Sun	Sep 3	H	ARI	L	1	5	Godley	Marquez	Sherfy	D	—-
137	Mon	Sep 4	H	SFG	W-wo	4	3	Holland	Okert		D	+
138	Tue	Sep 5	H	SFG	W	9	6	Rusin	Blach	Holland	N	++
139	Wed	Sep 6	H	SFG	L	3	11	Cueto	Freeland		N	-
140	Thu	Sep 7	A	LAD	W	9	1	Gray	Kershaw		N	+
141	Fri	Sep 8	A	LAD	W	5	4	Rusin	Darvish	Holland	N	++
142	Sat	Sep 9	A	LAD	W	6	5	Bettis	Wood	Holland	N	+++
143	Sun	Sep 10	A	LAD	W	8	1	Chatwood	Hill		D	+++
144	Mon	Sep 11	A	ARI	W	5	4	Anderson	Barrett	Holland	N	+++
145	Tue	Sep 12	A	ARI	W	4	2	Gray	Hernandez	Rusin	N	+++
146	Wed	Sep 13	A	ARI	L	2	8	Corbin	Marquez		N	-
147	Thu	Sep 14	A	ARI	L	0	7	Godley	Bettis		D	–
148	Fri	Sep 15	H	SDP	W	6	1	Chatwood	Richard		N	+
149	Sat	Sep 16	H	SDP	W	16	0	Anderson	Lyles		N	++
150	Sun	Sep 17	H	SDP	L	3	4	Yates	Holland	Hand	D	-
151	Tue	Sep 19	A	SFG	L-wo	3	4	Dyson	Rusin		N	–
152	Wed	Sep 20	A	SFG	L	0	4	Moore	Chatwood		D	—
153	Thu	Sep 21	A	SDP	L	0	3	Richard	Anderson	Hand	N	—-
154	Fri	Sep 22	A	SDP	W	4	1	Gray	Lyles	Holland	N	+

Gm#	Day	Date	H/A	Opp	W/L	R	RA	Win	Loss	Save	D/N	Strea
155	Sat	Sep 23	A	SDP	L	0	5	Chacin	Bettis		N	-
156	Sun	Sep 24	A	SDP	W	8	4	Marquez	Perdomo		D	+
157	Mon	Sep 25	H	MIA	L	4	5	Despaigne	Chatwood	Barraclough	N	-
158	Tue	Sep 26	H	MIA	W	6	0	Anderson	Urena		N	+
159	Wed	Sep 27	H	MIA	W	15	9	Gray	Conley		D	++
160	Fri	Sep 29	H	LAD	W	9	1	Bettis	Ryu		N	+++
161	Sat	Sep 30	H	LAD	L	3	5	Morrow	Chatwood	Jansen	N	-
162	Sun	Oct 1	H	LAD	L	3	6	Maeda	Freeland	Fields	D	–

The Rockies current record is 87 Wins and 75 Losses. So far, the Rockies have scored 824 runs and have had 757 runs scored against them.

Pythagorean Win-Loss Theorem

$$predictedW\% = \frac{R^k}{R^k + RA^k}$$

Using the commonly used values of k, the Rockies predicted wins for the 2017 are shown in the table below. Remember this statistic will vary widely over the course of the season.

Table 17: Predicted Wins for Entire 2017 Season

Wins (k=1.81)	Wins (k=1.83)	Wins (k=2.00)
87	87	88

Batting Statistics (non-pitchers)

Table 18: Rockies Batting Statistics (1 of 2).

Rk	Pos	Name	Age	G	AB	R	H	2B	3B	HR	RBI	SB	CS	BB
1	C	Wolters*	25	83	229	30	55	8	1	0	16	0	1	33
2	1B	Reynolds	33	148	520	82	139	22	1	30	97	2	1	69
3	2B	LeMahieu	28	155	609	95	189	28	4	8	64	6	5	59
4	SS	Story	24	145	503	68	120	32	3	24	82	7	2	49
5	3B	Arenado	26	159	606	100	187	43	7	37	130	3	2	62
6	LF	Parra*	30	115	392	56	121	24	1	10	71	2	5	20
7	CF	Blackmon*	30	159	644	137	213	35	14	37	104	14	10	65
8	RF	Gonzalez*	31	136	470	72	123	34	0	14	57	3	0	56
9	UT	Desmond	31	95	339	47	93	11	1	7	40	15	4	24
10	IF	Valaika	24	110	182	28	47	11	0	13	40	0	0	7
11	UT	Amarista*	28	96	168	22	40	10	0	3	19	1	0	7
12	C	Lucroy	31	46	142	18	44	6	3	2	13	0	0	27
13	OF	Tapia*	23	70	160	27	46	12	2	2	16	5	2	8
14	C	Hanigan	36	33	101	9	27	2	0	2	12	0	0	8
15	C	Garneau	29	22	68	5	14	7	0	1	6	0	0	4
16	OF	Cardullo	29	15	28	2	4	0	0	0	3	0	0	3
17	OF	Tauchman*	26	31	27	2	6	0	1	0	2	1	2	5
18	C	Murphy	26	12	24	1	1	1	0	0	1	0	0	2
19	IF	McMahon*	22	17	19	2	3	1	0	0	1	0	0	5
20	IF	Adames#	25	12	13	1	0	0	0	0	0	0	0	1

Table 19: Rockies Batting Statistics (2 of 2).

Rk	Pos	Name	Age	SO	BA	OBP	SLG	OPS	OPS+	TB	GDP	HBP	SH	SF	IBB
1	C	Wolters*	25	55	.240	.341	.284	.625	58	65	9	2	2	0	9
2	1B	Reynolds	33	175	.267	.352	.487	.839	105	253	12	1	0	3	0
3	2B	LeMahieu	28	90	.310	.374	.409	.783	94	249	24	6	3	5	1
4	SS	Story	24	191	.239	.308	.457	.765	86	230	12	2	0	1	4
5	3B	Arenado	26	106	.309	.373	.586	.959	132	355	21	4	1	6	9
6	LF	Parra*	30	67	.309	.341	.452	.793	94	177	13	4	0	9	0
7	CF	Blackmon*	30	135	.331	.399	.601	1.000	142	387	4	10	3	3	9
8	RF	Gonzalez*	31	119	.262	.339	.423	.762	87	199	9	2	0	6	3
9	UT	Desmond	31	87	.274	.326	.375	.701	73	127	13	4	2	4	1
10	IF	Valaika	24	53	.258	.284	.533	.817	95	97	1	0	5	1	0
11	UT	Amarista*	28	38	.238	.269	.351	.620	52	59	5	0	1	0	0
12	C	Lucroy	31	19	.310	.429	.437	.865	115	62	6	4	0	2	6
13	OF	Tapia*	23	36	.288	.329	.425	.754	85	68	3	2	1	0	1
14	C	Hanigan	36	26	.267	.324	.347	.671	67	35	5	1	1	1	2
15	C	Garneau	29	24	.206	.260	.353	.613	50	24	1	1	1	0	0
16	OF	Cardullo	29	7	.143	.250	.143	.393	2	4	0	1	0	0	0
17	OF	Tauchman*	26	10	.222	.344	.296	.640	61	8	1	0	0	0	0
18	C	Murphy	26	9	.042	.115	.083	.199	-49	2	0	0	0	0	1
19	IF	McMahon*	22	5	.158	.333	.211	.544	40	4	1	0	0	0	0
20	IF	Adames#	25	6	.000	.071	.000	.071	-80	0	0	0	0	0	0

- * - bats left-handed, # - bats both, else - bats right, ? - unknown; OPS_lg for OPS+ does not include pitchers.

Pitching Statistics

Table 20: Rockies pitching statistics (1 of 2).

Rk	Pos	Name	Age	W	L	W-L%	ERA	G	GS	GF	CG	SHO	SV	IP	H	R
1	SP	Marquez	22	11	7	.611	4.39	29	29	0	0	0	0	162.0	174	82
2	SP	Freeland*	24	11	11	.500	4.10	33	28	0	0	0	0	156.0	169	78
3	SP	Chatwood	27	8	15	.348	4.69	33	25	3	1	1	1	147.2	136	79
4	SP	Senzatela	22	10	5	.667	4.68	36	20	3	0	0	0	134.2	128	72
5	SP	Gray	25	10	4	.714	3.67	20	20	0	0	0	0	110.1	113	47
6	SP	Hoffman	24	6	5	.545	5.89	23	16	3	0	0	0	99.1	106	66
7	CL	Holland	31	3	6	.333	3.61	61	0	58	0	0	41	57.1	40	24
8	RP	Oberg	27	0	1	.000	4.94	66	0	12	0	0	0	58.1	70	35
9	RP	McGee*	30	0	2	.000	3.61	62	0	13	0	0	3	57.1	47	23
10	RP	Ottavino	31	2	3	.400	5.06	63	0	11	0	0	0	53.1	48	30
11	RP	Dunn*	32	5	1	.833	4.47	68	0	10	0	0	0	50.1	43	25
12		Anderson*	27	6	6	.500	4.81	17	15	1	0	0	0	86.0	88	48
13		Rusin*	30	5	1	.833	2.65	60	0	7	0	0	2	85.0	75	31
14		Lyles	26	0	2	.000	6.94	33	0	12	0	0	0	46.2	61	37
15		Bettis	28	2	4	.333	5.05	9	9	0	0	0	0	46.1	52	27
16		Estevez	24	5	0	1.000	5.57	35	0	9	0	0	0	32.1	39	21
17		Neshek	36	2	1	.667	2.45	28	0	2	0	0	0	22.0	20	8
18		Qualls	38	1	1	.500	5.40	19	0	9	0	0	0	16.2	17	11
19		Rosscup*	29	0	0		5.14	9	0	2	0	0	0	7.0	9	4
20		Diaz	26	0	0		9.00	4	0	3	0	0	0	5.0	12	6
21		Carle	25	0	0		6.75	3	0	3	0	0	0	4.0	6	3

Table 21: Rockies pitching statistics (2 of 2).

Rk	Pos	Name	ER	HR	BB	IBB	SO	HBP	BK	WP	BF	ERA+	FIP	WHIP
1	SP	Marquez	79	25	49	3	147	8	0	6	701	114	4.40	1.377
2	SP	Freeland*	71	17	63	4	107	8	2	1	688	122	4.57	1.487
3	SP	Chatwood	77	20	77	2	120	4	2	12	631	107	4.94	1.442
4	SP	Senzatela	70	18	47	1	102	4	2	1	564	107	4.52	1.300
5	SP	Gray	45	10	30	0	112	2	1	3	461	136	3.18	1.296
6	SP	Hoffman	65	15	40	1	82	4	0	2	440	85	4.80	1.470
7	CL	Holland	23	7	26	1	70	1	0	7	235	139	3.72	1.151
8	RP	Oberg	32	4	24	2	55	2	0	3	265	102	3.50	1.611
9	RP	McGee*	23	4	16	0	58	1	0	5	229	139	2.93	1.099
10	RP	Ottavino	30	8	39	2	63	4	0	8	243	99	5.16	1.631
11	RP	Dunn*	25	8	28	0	57	0	0	4	220	112	4.63	1.411
12		Anderson*	46	16	26	0	81	2	2	6	362	104	4.67	1.326
13		Rusin*	25	9	19	1	71	3	0	4	340	189	3.64	1.106
14		Lyles	36	11	12	1	33	4	0	2	211	72	5.84	1.564
15		Bettis	26	8	11	0	30	1	0	3	200	99	4.88	1.360
16		Estevez	20	3	14	2	31	1	1	1	149	91	3.84	1.639
17		Neshek	6	1	1	0	24	0	0	0	87	206	1.70	0.955
18		Qualls	10	3	5	0	11	0	0	0	72	94	5.08	1.320
19		Rosscup*	4	2	0	0	10	0	0	0	30	101	4.02	1.286
20		Diaz	5	0	5	0	2	1	0	0	30	59	5.96	3.400
21		Carle	3	1	0	0	4	0	0	1	19	80	4.41	1.500

* - throws left-handed

National League Team Standard Batting

Table 22: NL Team Batting statistics (1 of 2).

Tm	#Bat	BatAge	R/G	G	PA	AB	R	H	2B	3B	HR	RBI	SB	CS	BB	SO
COL	41	28.3	5.09	162	6201	5534	824	1510	293	38	192	793	59	34	519	1408
CHC	47	27.1	5.07	162	6283	5496	822	1402	274	29	223	785	62	31	622	1401
WSN	49	29.2	5.06	162	6214	5553	819	1477	311	31	215	796	108	30	542	1327
ARI	45	28.3	5.01	162	6224	5525	812	1405	314	39	220	776	103	30	578	1456
MIA	43	28.4	4.80	162	6248	5602	778	1497	271	31	194	743	91	30	486	1282
LAD	52	28.0	4.75	162	6191	5408	770	1347	312	20	221	730	77	28	649	1380
STL	48	28.0	4.70	162	6219	5470	761	1402	284	28	196	728	81	31	593	1348
CIN	47	27.1	4.65	162	6213	5484	753	1390	249	38	219	715	120	39	565	1329
LgAvg	46	28.0	4.58	162	6178	5502	743	1399	280	31	196	710	84	32	536	1354
NYM	52	28.8	4.54	162	6169	5510	735	1379	286	28	224	713	58	23	529	1291
ATL	49	28.7	4.52	162	6216	5584	732	1467	289	26	165	706	77	31	474	1184
MIL	50	27.4	4.52	162	6135	5467	732	1363	267	22	224	695	128	41	547	1571
PHI	51	26.6	4.26	162	6133	5535	690	1382	287	36	174	654	59	25	494	1417
PIT	47	28.2	4.12	162	6136	5458	668	1331	249	36	151	635	67	36	519	1213
SFG	49	29.5	3.94	162	6137	5551	639	1382	290	28	128	612	76	34	467	1204
SDP	52	26.2	3.73	162	5954	5356	604	1251	227	31	189	576	89	33	460	1499

Table 23: NL Team Batting statistics (2 of 2).

Tm	#Bat	BatAge	R/G	BA	OBP	SLG	OPS	OPS+	TB	GDP	HBP	SH	SF	IBB	LOB
COL	41	28.3	5.09	0	0.338	0.444	0.781	91	2455	143	44	62	41	46	1088
CHC	47	27.1	5.07	0	0.338	0.437	0.775	100	2403	134	82	48	32	54	1147
WSN	49	29.2	5.06	0	0.332	0.449	0.782	100	2495	116	31	43	45	56	1101
ARI	45	28.3	5.01	0	0.329	0.445	0.774	93	2457	106	54	39	27	44	1118
MIA	43	28.4	4.80	0	0.331	0.431	0.761	104	2412	119	67	50	41	48	1130
LAD	52	28.0	4.75	0	0.334	0.437	0.771	103	2362	119	64	31	38	41	1146
STL	48	28.0	4.70	0	0.334	0.426	0.760	99	2330	139	65	47	44	36	1118
CIN	47	27.1	4.65	0	0.329	0.433	0.761	98	2372	116	72	50	42	41	1135
LgAvg	46	28.0	4.58	0	0.325	0.423	0.748	94	2328	123	59	44	37	41	1109
NYM	52	28.8	4.54	0	0.320	0.434	0.755	98	2393	118	57	36	37	31	1099
ATL	49	28.7	4.52	0	0.326	0.412	0.738	94	2303	137	66	59	32	57	1127
MIL	50	27.4	4.52	0	0.322	0.429	0.751	95	2346	116	53	42	26	34	1088
PHI	51	26.6	4.26	0	0.315	0.409	0.723	91	2263	128	47	21	36	25	1079
PIT	47	28.2	4.12	0	0.318	0.386	0.704	84	2105	120	88	42	28	39	1129
SFG	49	29.5	3.94	0	0.309	0.380	0.689	83	2112	136	36	31	52	37	1093
SDP	52	26.2	3.73	0	0.299	0.393	0.692	84	2107	99	53	52	33	20	1037

Current Injuries

	Name	Updated	Type	Details
1	Nolan Arenado	September 24 2017	Hand	Arenado is dealing with a bruised right hand near his thumb and his status for Monday's contest against the Marlins is undetermined.
2	Jairo Diaz	September 12 2017	Elbow	Diaz is on the 60-day disabled list with inflammation in his left elbow and will miss the remainder of the season.
3	Carlos Gonzalez	September 24 2017	Shoulder	Gonzalez sat out the last game due to a shoulder injury and his availability for Monday's tilt against the Marlins is undecided.

Table 24: Current Injuries

Topics for Future Articles

Here are a few suggestions, but I would prefer to hear from you, dear reader, on what interests you.

- Player Value - There is much more to cover here. Perhaps we can rank some of the past greats based on their modern day WAR rating?
- What is the OPS+ statistic and how is it calculated.
- Survey MLB ticket prices.
- Are WAR ratings a good indicator of past season's playoff and World Series teams?
- A suggestion from a work colleague that we investigate what budding talent we have in the Rockies farm system. I will look into this and see what I can find.

Let me know what you would like to see in future articles. Send me an email at jdreed@q.com.

Yours truly,

Jim Reed

Appendix

Glossary

Batting Statistics

Statistic Abbreviation	Definition
G	number of games (participated)
PA	plate appearances
AB	at bats
R	runs scored by player or team
RA	runs allowed
H	hits
2B	doubles
3B	triples
HR	home runs
RBI	runs batted in
BA	batting average
OBP	on-base percentage
SLG	slugging percentage
OPS	on-base percentage plus slugging percentage
OPS+	This statistic normalizes a player's OPS. It adjusts for small variables that might affect OPS scores (e.g., park effects).

Pitching Statistics

Pitching Statistic	Definition
Rk	Rank This is a count of the rows from top to bottom. It is recalculated following the sorting of a column.
Pos	Position
Name	Player Name
Age	Player's age at midnight of June 30th of that year
W	Wins
L	Losses
W-L%	Win-Loss Percentage W / (W + L) For players, leaders need one decision for every ten team games. For managers, minimum to qualify for leading is 320 games.
ERA	9 * ER / IP
G	Games Played or Pitched
GS	Games Started
GF	Games Finished
CG	Complete Game
SHO	Shutouts No runs allowed and a complete game.
SV	Saves
IP	Innings Pitched
H	Hits/Hits Allowed
R	Runs Scored/Allowed
ER	Earned Runs Allowed
HR	Home Runs Hit/Allowed
BB	Bases on Balls/Walks
IBB	Intentional Bases on Balls First tracked in 1955.
SO	Strikeouts
HBP	Times Hit by a Pitch.
BK	Balks
WP	Wild Pitches
BF	Batters Faced
ERA+	ERA+ 100*[lgERA/ERA] Adjusted to the player's ballpark(s).
FIP	Fielding Independent Pitching
WHIP	(BB + H)/IP For recent years, leaders need 1 IP per team game played
H9	9 x H / IP For recent years, leaders need 1 IP per team game played
HR9	9 x HR / IP For recent years, leaders need 1 IP per team game played
BB9	9 x BB / IP For recent years, leaders need 1 IP per team game played
SO9	9 x SO / IP For recent years, leaders need 1 IP per team game played
SO/W	SO/W or SO/BB For recent years, pitching leaders need 1 IP per team game played.

Fielding Statistics

Fielding Statistic	Definition
Name	Player Name Bold can mean player is active for this team or player has appeared in MLB * means LHP or LHB, \# means switch hitter, + can mean HOFer.
Age	Player's age at midnight of June 30th of that year
G	Games Played or Pitched
GS	– Games Started
CG	– Complete Game
Inn	– Innings Played in Field
Ch	– Defensive Chances Putouts + Assists + Errors
PO	– Putouts
A	– Assists
E	– Errors Committed
DP	– Double Plays Turned
Fld%	– Fielding Percentage (Putouts + Assists) / (Putouts + Assists + Errors)
Rtot	– Total Zone Total Fielding Runs Above Avg The number of runs above or below average the player was worth based on the number of plays made. This number combines the Rtz, Rdp,Rof, Rcatch numbers into a total defensive contribution. See the glossary section for a more complete explanation. Provided by BaseballProjection.com
Rtot/yr	– Total Zone Total Fielding Runs Above Avg per 1,200 Inn The number of runs above or below average the fielder was worth per 1,200 Innings (approx 135 games). This number combines the Rtz, Rdp, Rof, Rcatch numbers into a total defensive contribution. See the glossary section for a more complete explanation. Provided by BaseballProjection.com
Rdrs	– BIS Defensive Runs Saved Above Avg The number of runs above or below average the player was worth based on the number of plays made. This number combines the Rpm, Rbdp, Rbof, Rbcatch numbers into a total defensive contribution. Provided by Baseball Info Solutions
Rdrs/yr	– BIS Defensive Runs Saved Above Avg per 1,200 Inn The number of runs above or below average the fielder was worth per 1,200 Innings (approx 135 games). This number combines the Rpm, Rbdp, Rbof, Rbcatch numbers into a total defensive contribution. For pitchers, this is set to 200 Innings. Provided by Baseball Info Solutions
RF/9	– Range Factor per 9 Inn 9 * (Putouts + Assists) / Innings Played
RF/G	– Range Factor per Game (Putouts + Assists) / Games Played
PB	– Passed Balls
WP	– Wild Pitches
SB	– Stolen Bases
CS	– Caught Stealing

Fielding Statistic	Definition
CS%	– Caught Stealing Percentage CS / (SB + CS)
lgCS%	– League Caught Stealing Percentage League Expected CS / Players SB + Players CS
PO	– Pickoffs Runner picked off a base. May include cases they were safe on an error. Also includes Pickoff Caught Stealing plays.
Pos	Summary – Positions Played The positions either followed by the games played at that position or in order of games or innings played. For a single season, * indicates they played at least 2/3rds of the team games there Positions after / indicate less than ten games played at those positions. For career, a + sign means more than 300 games at that position and a - sign means less than 30 games.

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