Rockies 2017 - Week #3

Jim Reed (jdreed@q.com)

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Introduction

There was an article in the Friday Denver Post (April 21) titled **Rockies confident their strong start is sustainable**. You see, the Rockies have been in this position before, starting strong in April only to fall into a slump and finishing with fewer than 81 wins. The theory this year is that the Rockies are winning partially on the strength of their pitching; an ingredient we have not experienced before. Strangely, the Rockies bats have not been hot, yet. With the eventual warming-up of Story and Gonzalez and with the continued strength of the of the order, there may be reason to look forward to better than .500 season.

This week we will again continue to develop a Rockies Dashboard of performance and progress for the season. Presented here are the following:

- National and American League Standings
- Game-by-Game Results of the past week.
- Colorado Rockies batting statistics in rank order.
- Pythagorean Theorem prediction of the number of wins by end of the season based on the number of runs scored (R) and the number of runs allowed (RA).
- Colorado Rockies Pitching Statistics
- Rockies Fielding Statistics **New this week**

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. Remember to refer to the Glossaries in at the end of the document if are unfamiliar with one or more of the statistic abbreviations in the tables.

National League Standings

Table 1: NL East Standings

Tm	W	L	W-L%	GB
Washington Nationals	13	5	.722	–
Miami Marlins	10	8	.556	3.0
Philadelphia Phillies	9	9	.500	4.0
New York Mets	8	11	.421	5.5
Atlanta Braves	6	12	.333	7.0

Table 2: NL Central Standings

Tm	W	L	W-L%	GB
Chicago Cubs	10	8	.556	–
Cincinnati Reds	10	9	.526	0.5
St. Louis Cardinals	9	10	.474	1.5
Milwaukee Brewers	9	11	.450	2.0
Pittsburgh Pirates	8	10	.444	2.0

Table 3: NL West Standings

Tm	W	L	W-L%	GB
Colorado Rockies	13	6	.684	–
Arizona Diamondbacks	12	8	.600	1.5
Los Angeles Dodgers	9	10	.474	4.0
San Diego Padres	8	12	.400	5.5
San Francisco Giants	6	13	.316	7.0

American League Standings

Table 4: AL East Standings

Tm	W	L	W-L%	GB
Baltimore Orioles	12	5	.706	–
New York Yankees	11	7	.611	1.5
Boston Red Sox	11	8	.579	2.0
Tampa Bay Rays	10	10	.500	3.5
Toronto Blue Jays	5	13	.278	7.5

Table 5: AL Central Standings

Tm	W	L	W-L%	GB
Cleveland Indians	10	8	.556	–
Detroit Tigers	10	8	.556	–
Chicago White Sox	8	9	.471	1.5
Minnesota Twins	8	10	.444	2.0
Kansas City Royals	7	11	.389	3.0

Table 6: AL West Standings

Tm	W	L	W-L%	GB
Houston Astros	13	6	.684	–
Oakland Athletics	10	9	.526	3.0
Texas Rangers	9	10	.474	4.0
Los Angeles Angels of Anaheim	8	12	.400	5.5
Seattle Mariners	8	12	.400	5.5

Rockies Game-by-Game Schedule/Results

Gm#	Day	Date	H/A	Opp	W/L	R	RA	Win	Loss	Save	D/N	Streak
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	+++

The Rockies current record is 13 Wins and 6 Losses. So far, the Rockies have scored 80 runs and have had 70 runs scored against them.

2017 Colorado Rockies Batting Statistics (non-pitchers)

Table 8: 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	11	33	8	10	2	0	0	0	0	0	2
2	1B	Reynolds	33	19	66	11	21	5	0	5	16	0	1	7
3	2B	LeMahieu	28	19	69	8	19	3	1	1	3	1	0	9
4	SS	Story	24	19	65	11	11	4	0	4	10	1	0	9
5	3B	Arenado	26	19	70	13	23	6	0	6	13	1	0	6
6	LF	Parra*	30	15	48	7	16	1	0	2	10	0	1	2
7	CF	Blackmon*	30	19	74	11	20	3	3	5	15	1	2	6
8	RF	Gonzalez*	31	18	66	6	13	4	0	1	3	0	0	6
9	C	Garneau	29	11	33	2	5	3	0	1	3	0	0	2
10	OF	Cardullo	29	15	28	2	4	0	0	0	3	0	0	3
11	SS	Adames#	25	8	10	0	0	0	0	0	0	0	0	0
12	UT	Amarista*	28	6	10	1	2	1	0	0	2	0	0	0
13	LF	Tapia*	23	2	7	0	0	0	0	0	0	0	0	0
14		Valaika	24	1	1	0	0	0	0	0	0	0	0	0

Table 9: 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	6	.303	.361	.364	.725	87	12	2	1	0	0	1
2	1B	Reynolds	33	16	.318	.378	.621	1.000	150	41	2	0	0	1	0
3	2B	LeMahieu	28	9	.275	.359	.391	.750	93	27	2	0	0	0	0
4	SS	Story	24	29	.169	.270	.415	.686	72	27	1	0	0	0	0
5	3B	Arenado	26	11	.329	.392	.671	1.064	165	47	2	2	0	1	0
6	LF	Parra*	30	9	.333	.373	.479	.852	117	23	1	1	0	0	0
7	CF	Blackmon*	30	16	.270	.321	.595	.916	127	44	0	0	2	1	0
8	RF	Gonzalez*	31	13	.197	.260	.303	.563	44	20	1	0	0	1	0
9	C	Garneau	29	16	.152	.222	.333	.556	40	11	0	1	0	0	0
10	OF	Cardullo	29	7	.143	.250	.143	.393	5	4	0	1	0	0	0
11	SS	Adames#	25	5	.000	.000	.000	.000	-100	0	0	0	0	0	0
12	UT	Amarista*	28	4	.200	.200	.300	.500	26	3	0	0	0	0	0
13	LF	Tapia*	23	1	.000	.000	.000	.000	-100	0	0	0	0	0	0
14		Valaika	24	0	.000	.000	.000	.000	-100	0	0	0	0	0	0

Pythagorean Win-Loss Theorem

> The Pythagorean Win-Loss Theorem of Baseball is a creation of Bill James which relates the number of runs a team has scored (R) and surrendered (RA) to its actual winning percentage, based on the idea that runs scored compared to runs allowed is a better indicator of a team's (future) performance than a team's actual winning percentage. Feb 20, 2015

James put this formula forward with exponent of 2, thus the similarity to the actual Pythagorean Theorem. Statisticians have postulated that an exponent of 1.81 or 1.83 better fits historical data. Here is the generalized formula:

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

Rockies Predicted Season Wins using Bill James' "Pythagorean" Formula

So, using the commonly used values of k, the Rockies predicted wins for the 2017 season look good but not as good as it could be. As the season progresses and more R/RA history is generated, we will keep an eye on these numbers.

Table 10: Predicted Wins for Entire 2017 Season

Wins (k=1.81)	Wins (k=1.83)	Wins (k=2.00)
91	91	92

Rockies Pitching

Table 11: 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	Chatwood	27	2	2	.500	4.10	4	4	0	1	1	0	26.1	23	12
2	SP	Senzatela	22	3	0	1.000	2.08	4	4	0	0	0	0	26.0	18	6
3	SP	Freeland*	24	2	1	.667	3.32	4	4	0	0	0	0	21.2	22	8
4	SP	Anderson*	27	1	3	.250	7.32	4	4	0	0	0	0	19.2	24	18
5	SP	Gray	25	0	0		4.38	3	3	0	0	0	0	12.1	11	6
6	CL	Holland	31	0	0		2.00	9	0	9	0	0	9	9.0	5	2
7	RP	Oberg	27	0	0		2.00	9	0	2	0	0	0	9.0	4	2
8	RP	Ottavino	31	0	0		2.16	9	0	0	0	0	0	8.1	7	2
9	RP	Dunn*	32	2	0	1.000	1.17	10	0	0	0	0	0	7.2	5	1
10	RP	Estevez	24	1	0	1.000	4.26	8	0	1	0	0	0	6.1	8	3
11		Rusin*	30	2	0	1.000	1.17	4	0	2	0	0	0	7.2	6	2
12		Lyles	26	0	0		6.14	5	0	2	0	0	0	7.1	8	5
13		McGee*	30	0	0		4.76	7	0	1	0	0	1	5.2	4	3
14		Carle	25	0	0		0.00	1	0	1	0	0	0	1.0	0	0

Table 12: Rockies pitching statistics (2 of 2).

Rk	Pos	Name	ER	HR	BB	IBB	SO	HBP	BK	WP	BF	ERA+	FIP	WHIP
1	SP	Chatwood	12	5	8	0	18	0	2	1	104	115	4.91	1.177
2	SP	Senzatela	6	2	4	0	17	2	0	0	99	227	3.28	0.846
3	SP	Freeland*	8	1	10	1	14	2	0	0	96	142	3.87	1.477
4	SP	Anderson*	16	5	7	0	17	0	2	1	89	65	5.54	1.576
5	SP	Gray	6	1	7	0	9	0	0	1	53	109	4.20	1.459
6	CL	Holland	2	0	4	0	11	0	0	1	34	241	1.79	1.000
7	RP	Oberg	2	0	3	0	8	1	0	0	32	241	2.45	0.778
8	RP	Ottavino	2	1	4	0	12	0	0	1	35	224	3.02	1.320
9	RP	Dunn*	1	0	2	0	10	0	0	0	29	414	1.07	0.913
10	RP	Estevez	3	0	1	0	6	0	1	1	26	115	1.48	1.421
11		Rusin*	1	0	1	0	5	0	0	0	30	414	1.99	0.913
12		Lyles	5	1	1	0	9	1	0	1	31	79	3.04	1.227
13		McGee*	3	0	3	0	8	0	0	0	24	103	1.66	1.235
14		Carle	0	0	0	0	1	0	0	1	4		0.90	0.000

Team Fielding – Totals

Table 13: Rockies fielding statistics (1 of 2).

Name	Age	G	GS	CG	Inn	Ch	PO	A	E	DP	FldPct	Rtot	RtotperYr	Rdrs
Adames	25	1	1	0	7.0	2	1	1	0	0	1.000	0	-14	0
Amarista	28	3	2	0	14.2	1	1	0	0	0	1.000	-1	-70	-2
Anderson	27	4	4	0	19.2	2	0	1	1	0	0.500	0	0	-1
Arenado	26	19	19	19	168.0	40	7	33	0	6	1.000	2	17	2
Blackmon	30	19	19	19	168.0	36	34	1	1	1	0.972	1	8	-2
Cardullo	29	8	6	3	55.1	13	13	0	0	0	1.000	2	41	1
Carle	25	1	0	0	1.0	0	0	0	0	0	0.000	0	0	0
Chatwood	27	4	4	1	26.1	8	1	7	0	0	1.000	0	0	3
Dunn	32	10	0	0	7.2	0	0	0	0	0	0.000	0	0	0
Estevez	24	8	0	0	6.1	0	0	0	0	0	0.000	0	0	0
Freeland	24	4	4	0	21.2	7	0	7	0	0	1.000	0	0	0
Garneau	29	11	9	9	84.0	69	66	3	0	0	1.000	1	12	2
Gonzalez	31	18	18	17	154.0	32	31	1	0	1	1.000	-3	-25	1
Gray	25	3	3	0	12.1	3	1	2	0	0	1.000	0	0	0
Holland	31	9	0	0	9.0	1	1	0	0	0	1.000	0	0	-1
LeMahieu	28	19	18	18	162.0	106	28	78	0	16	1.000	5	40	4
Lyles	26	5	0	0	7.1	0	0	0	0	0	0.000	0	0	0
McGee	30	7	0	0	5.2	0	0	0	0	0	0.000	0	0	0
Oberg	27	9	0	0	9.0	1	0	1	0	0	1.000	0	0	0
Ottavino	31	9	0	0	8.1	1	0	1	0	0	1.000	0	0	1
Parra	30	14	12	12	110.0	31	30	1	0	3	1.000	-1	-14	3
Reynolds	33	18	18	18	159.0	177	171	6	0	18	1.000	0	1	0
Rusin	30	4	0	0	7.2	2	0	2	0	1	1.000	0	0	1
Senzatela	22	4	4	0	26.0	3	1	2	0	0	1.000	0	0	-1
Story	24	19	18	18	161.0	89	33	54	2	16	0.978	1	5	0
Tapia	23	2	2	2	17.0	4	4	0	0	0	1.000	0	-26	0
Wolters	25	10	10	8	84.0	86	81	4	1	3	0.988	0	-3	-3

Team Fielding – Totals (continued)

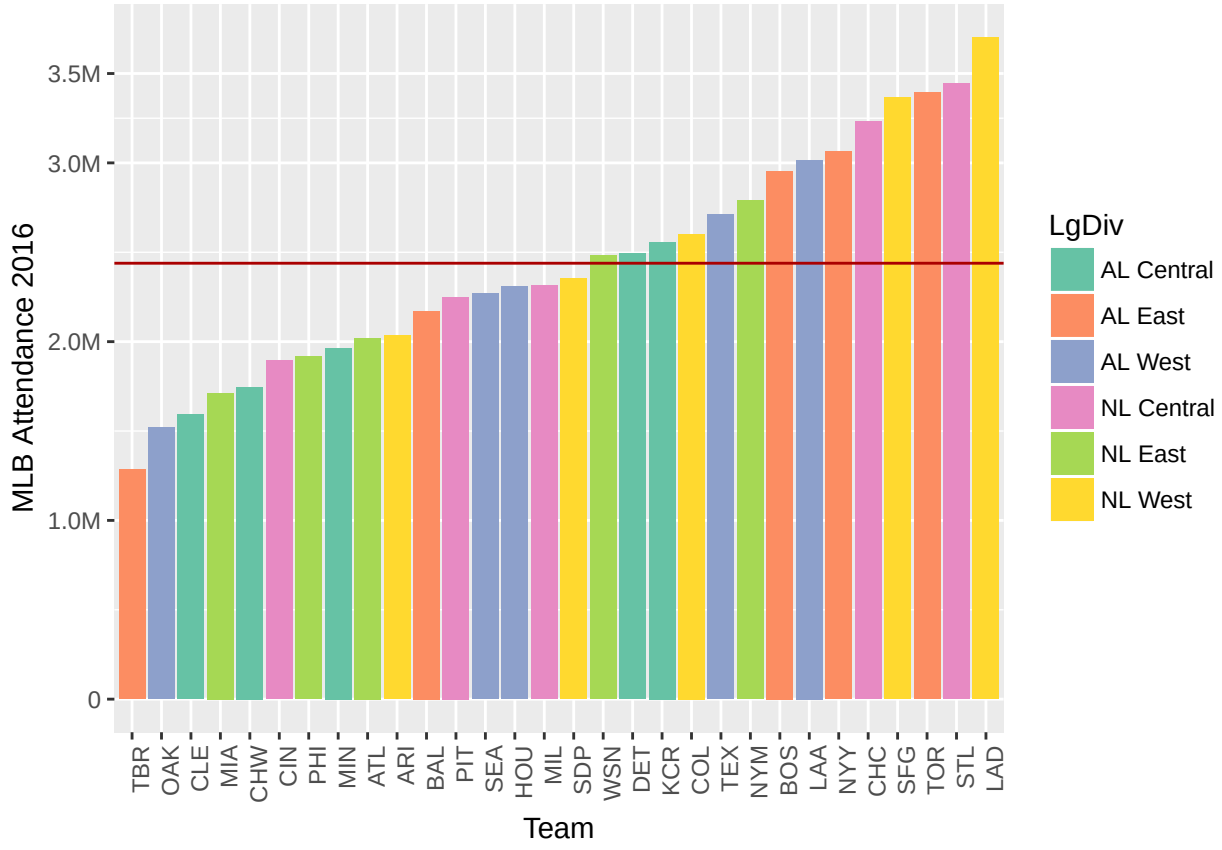
Table 14: Rockies fielding statistics (2 of 2).

Name	Age	G	RdrsPerYr	RFPer9	RFPerG	PB	WP	SB	CS	CS%	lgCSct	Pos.Summary
Adames	25	1	0	2.57	2.00	0	0	0	0	0	0	SS
Amarista	28	3	-155	0.61	0.33	0	0	0	0	0	0	LF-2B
Anderson	27	4	-10	0.46	0.25	0	0	0	0	0	0	P
Arenado	26	19	14	2.14	2.11	0	0	0	0	0	0	3B
Blackmon	30	19	-14	1.88	1.84	0	0	0	0	0	0	CF
Cardullo	29	8	24	2.11	1.63	0	0	0	0	0	0	LF-RF
Carle	25	1	0	0.00	0.00	0	0	0	0	0	0	P
Chatwood	27	4	23	2.73	2.00	0	0	0	2	100%	29%	P
Dunn	32	10	0	0.00	0.00	0	0	0	1	100%	29%	P
Estevez	24	8	0	0.00	0.00	0	0	0	0	0	0	P
Freeland	24	4	0	2.91	1.75	0	0	0	0	0	0	P
Garneau	29	11	30	7.39	6.27	0	2	0	1	100%	29%	C
Gonzalez	31	18	8	1.87	1.78	0	0	0	0	0	0	RF
Gray	25	3	0	2.19	1.00	0	0	0	0	0	0	P
Holland	31	9	-22	1.00	0.11	0	0	0	0	0	0	P
LeMahieu	28	19	30	5.89	5.58	0	0	0	0	0	0	2B
Lyles	26	5	0	0.00	0.00	0	0	1	0	0%	29%	P
McGee	30	7	0	0.00	0.00	0	0	0	0	0	0	P
Oberg	27	9	0	1.00	0.11	0	0	0	0	0	0	P
Ottavino	31	9	24	1.08	0.11	0	0	3	1	25%	29%	P
Parra	30	14	34	2.54	2.21	0	0	0	0	0	0	LF-1B
Reynolds	33	18	0	10.02	9.83	0	0	0	0	0	0	1B
Rusin	30	4	26	2.35	0.50	0	0	0	0	0	0	P
Senzatela	22	4	-8	1.04	0.75	0	0	0	0	0	0	P
Story	24	19	0	4.86	4.58	0	0	0	0	0	0	SS
Tapia	23	2	0	2.12	2.00	0	0	0	0	0	0	LF
Wolters	25	10	-41	9.11	8.50	1	6	4	3	43%	29%	C

MLB Attendance for 2016 (work in progress)

Rk	League	Division	TeamName	Attendance	Attend.G
1	NL	West	Los Angeles Dodgers	3,703,312	45,720
2	NL	Central	St. Louis Cardinals	3,444,490	42,525
3	AL	East	Toronto Blue Jays	3,392,099	41,878
4	NL	West	San Francisco Giants	3,365,256	41,546
5	NL	Central	Chicago Cubs	3,232,420	39,906
6	AL	East	New York Yankees	3,063,405	37,820
7	AL	West	Los Angeles Angels of Anaheim	3,016,142	37,236
8	AL	East	Boston Red Sox	2,955,434	36,487
9	NL	East	New York Mets	2,789,602	34,440
10	AL	West	Texas Rangers	2,710,402	33,462
11	NL	West	Colorado Rockies	2,602,524	32,130
12	AL	Central	Kansas City Royals	2,557,712	31,577
13	AL	Central	Detroit Tigers	2,493,859	31,173
14	NL	East	Washington Nationals	2,481,938	30,641
15	NL	West	San Diego Padres	2,351,422	29,030
16	NL	Central	Milwaukee Brewers	2,314,614	28,575
17	AL	West	Houston Astros	2,306,623	28,477
18	AL	West	Seattle Mariners	2,267,928	27,999
19	NL	Central	Pittsburgh Pirates	2,249,201	27,768
20	AL	East	Baltimore Orioles	2,172,344	26,819
21	NL	West	Arizona Diamondbacks	2,036,216	25,138
22	NL	East	Atlanta Braves	2,020,914	24,950
23	AL	Central	Minnesota Twins	1,963,912	24,246
24	NL	East	Philadelphia Phillies	1,915,144	23,644
25	NL	Central	Cincinnati Reds	1,894,085	23,384
26	AL	Central	Chicago White Sox	1,746,293	21,559
27	NL	East	Miami Marlins	1,712,417	21,405
28	AL	Central	Cleveland Indians	1,591,667	19,650
29	AL	West	Oakland Athletics	1,521,506	18,784
30	AL	East	Tampa Bay Rays	1,286,163	15,879

MLB Attendance 2016

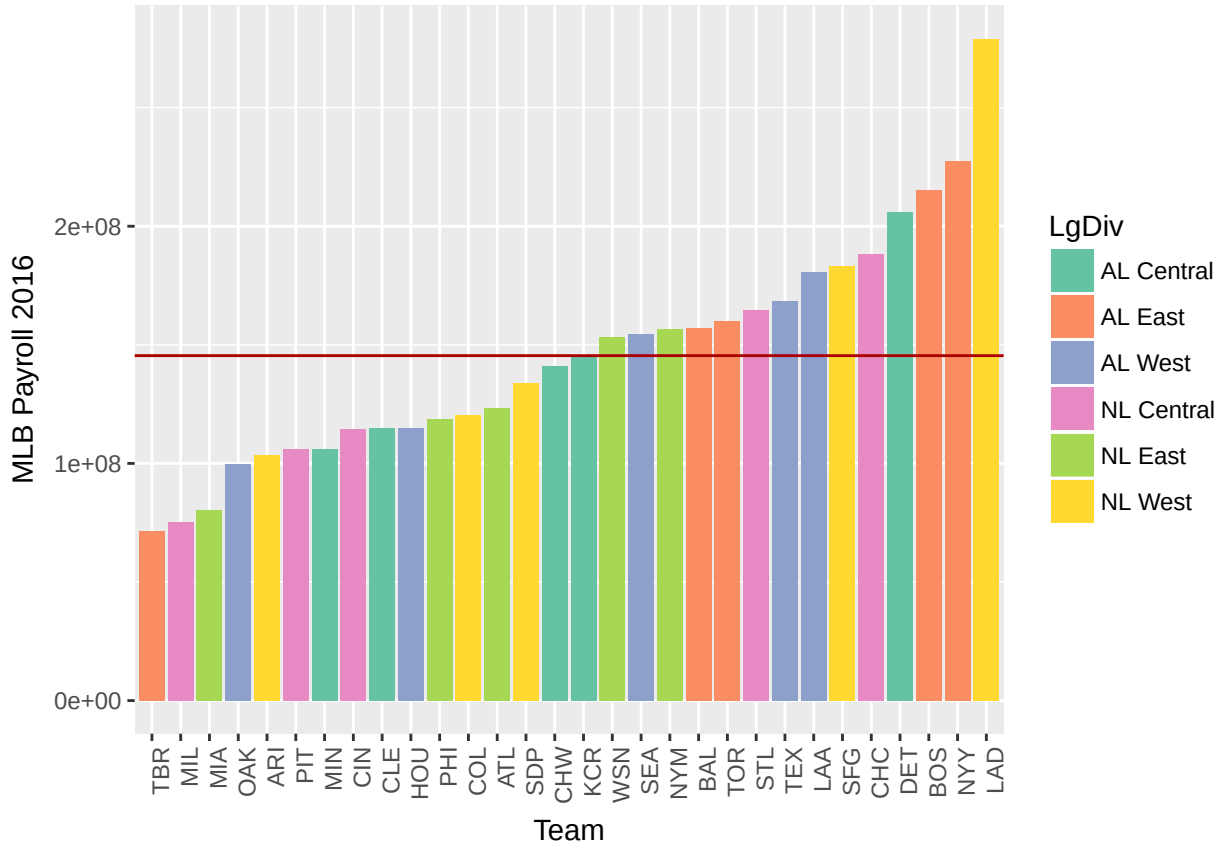


MLB Payrolls 2016

Colorado ranked 19th out of 30 with a total payroll of $121M in 2016. Compare this with the Rockies' ranking in season attendance of 11 (2.602M attendance in 2016). Perhaps there is revenue that can be leveraged to the player roster?

Rank	Team	Roster	Payroll	Average
1	Los Angeles Dodgers	40	279,107,794	6,977,695
2	New York Yankees	36	227,365,376	6,315,705
3	Boston Red Sox	35	215,416,336	6,154,753
4	Detroit Tigers	35	205,894,085	5,882,688
5	Chicago Cubs	36	188,402,394	5,233,400
6	San Francisco Giants	36	183,077,044	5,085,473
7	Los Angeles Angels of Anaheim	33	180,743,007	5,477,061
8	Texas Rangers	37	168,520,990	4,554,621
9	St. Louis Cardinals	36	164,516,170	4,569,894
10	Toronto Blue Jays	36	159,923,579	4,442,322
11	Baltimore Orioles	35	157,201,852	4,491,482
12	New York Mets	38	156,642,515	4,122,171
13	Seattle Mariners	35	154,718,253	4,420,522
14	Washington Nationals	35	153,078,852	4,373,682
15	Kansas City Royals	35	145,220,358	4,149,153
16	Chicago White Sox	35	141,208,186	4,034,520
17	San Diego Padres	35	133,681,702	3,819,477
18	Atlanta Braves	35	123,153,633	3,518,675
19	Colorado Rockies	37	120,586,480	3,259,094
20	Philadelphia Phillies	37	118,509,109	3,202,949
21	Houston Astros	34	114,738,542	3,374,663
22	Cleveland Indians	37	114,707,868	3,100,213
23	Cincinnati Reds	32	114,297,733	3,571,804
24	Minnesota Twins	31	106,235,357	3,426,947
25	Pittsburgh Pirates	34	105,866,836	3,113,731
26	Arizona Diamondbacks	35	103,372,186	2,953,491
27	Oakland Athletics	34	99,914,388	2,938,659
28	Miami Marlins	37	80,461,206	2,174,627
29	Milwaukee Brewers	35	75,244,791	2,149,851
30	Tampa Bay Rays	33	71,329,749	2,161,508

MLB Payrolls for 2016 Bar Chart



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 - I am personally just getting familiar with this concept. Work In Progress (WIP)
- What is the OPS+ statistic and how is it calculated.

Here are a couple of suggestions my children came up with:

- Survey MLB team payroll budgets. This is a work-in-progress. The attendance and the salary data are accounted for. Need to get the average ticket prices and produce some interesting derived values.
- Survey MLB ticket prices. This goes with the previous topic. Ibid.

Let me know what you would like to see in future articles. Send me 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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