

Sheet1

player	team	ERA	FIP	ERA	aERA	W	aW	HR9	aHR9	WHIP	aWHIP	BABIP	aBABIP	LOB%	aLOB%
Tim Lincecum	Giants	2.62	2.62	2.98	18	16	0.44	0.70	1.17	1.20	0.310	0.308	77.9	77.2	
Rich Harden	- - -	2.07	2.95	3.02	10	12	0.67	1.03	1.06	1.14	0.270	0.289	84.4	79.8	
Ervin Santana	Angels	3.49	3.30	3.01	16	15	0.95	1.00	1.12	1.10	0.300	0.290	74.3	76.5	
CC Sabathia	- - -	2.70	2.91	3.16	17	16	0.68	0.73	1.11	1.13	0.310	0.314	77.7	74.4	
Roy Halladay	Blue Jays	2.78	3.03	3.16	20	15	0.66	0.71	1.05	1.11	0.290	0.308	74.5	73.0	
Dan Haren	Diamondbacks	3.33	3.01	3.21	16	15	0.79	0.83	1.13	1.11	0.320	0.311	73.4	74.1	
A.J. Burnett	Blue Jays	4.07	3.45	3.15	18	16	0.77	0.70	1.34	1.25	0.330	0.299	70.5	76.5	
Ricky Nolasco	Marlins	3.52	3.77	3.27	15	14	1.19	1.09	1.10	1.11	0.280	0.287	75.7	75.5	
Randy Johnson	Diamondbacks	3.91	3.76	3.21	11	14	1.17	1.03	1.24	1.14	0.320	0.290	70.9	76.1	
Josh Beckett	Red Sox	4.03	3.24	3.41	12	12	0.93	0.79	1.19	1.16	0.330	0.326	71.3	73.0	
Cliff Lee	Indians	2.54	2.83	3.43	22	14	0.48	0.97	1.11	1.12	0.310	0.296	78.3	73.2	
Javier Vazquez	White Sox	4.67	3.74	3.38	12	15	1.08	1.01	1.32	1.21	0.330	0.294	68.3	75.9	
Jake Peavy	Padres	2.85	3.60	3.48	10	12	0.88	0.91	1.18	1.21	0.290	0.298	82.2	75.4	
Brandon Webb	Diamondbacks	3.30	3.28	3.28	22	15	0.52	0.56	1.20	1.21	0.300	0.302	71.0	73.1	
Zack Greinke	Royals	3.47	3.56	3.44	13	14	0.93	0.96	1.28	1.21	0.320	0.296	75.2	75.0	
Cole Hamels	Phillies	3.09	3.72	3.62	14	14	1.11	1.00	1.08	1.16	0.270	0.304	76.0	73.7	
Scott Kazmir	Rays	3.49	4.37	3.52	12	12	1.36	1.11	1.27	1.26	0.280	0.286	82.5	78.3	
Johan Santana	Mets	2.53	3.51	3.68	16	14	0.88	0.93	1.15	1.20	0.290	0.308	82.6	73.5	
James Shields	Rays	3.56	3.82	3.49	14	14	1.00	1.05	1.15	1.15	0.290	0.287	73.3	73.8	
Chad Billingsley	Dodgers	3.14	3.35	3.49	16	14	0.63	0.71	1.34	1.32	0.320	0.309	78.0	74.9	
Edinson Volquez	Reds	3.21	3.60	3.54	17	14	0.64	0.75	1.33	1.32	0.310	0.304	75.5	76.1	
Ben Sheets	Brewers	3.09	3.38	3.62	13	13	0.77	1.11	1.15	1.18	0.290	0.289	75.5	74.3	
Kevin Slowey	Twins	3.99	3.91	3.62	12	11	1.23	1.23	1.15	1.12	0.300	0.289	72.7	73.9	
Derek Lowe	Dodgers	3.24	3.26	3.60	14	14	0.60	0.70	1.13	1.19	0.290	0.306	70.8	71.3	
Roy Oswalt	Astros	3.54	3.80	3.73	17	13	0.99	0.80	1.18	1.23	0.290	0.315	74.6	71.7	
Ted Lilly	Cubs	4.09	4.41	3.78	17	14	1.41	1.13	1.23	1.24	0.280	0.296	76.0	74.9	
Ryan Dempster	Cubs	2.96	3.41	3.75	17	14	0.61	0.79	1.21	1.29	0.290	0.310	76.7	73.6	
Shaun Marcum	Blue Jays	3.39	4.46	3.74	9	10	1.25	1.06	1.16	1.22	0.260	0.287	80.2	74.7	
John Lackey	Angels	3.75	4.53	3.87	12	10	1.43	0.94	1.23	1.24	0.290	0.311	80.2	72.1	
Scott Baker	Twins	3.45	3.79	3.86	11	11	1.04	1.22	1.18	1.21	0.290	0.295	78.7	74.0	
Felix Hernandez	Mariners	3.45	3.80	3.75	9	13	0.76	0.75	1.39	1.34	0.320	0.304	76.7	73.8	
Brett Myers	Phillies	4.55	4.52	3.78	10	12	1.37	0.84	1.38	1.31	0.310	0.306	72.6	73.4	
Wandy Rodriguez	Astros	3.54	3.62	3.75	9	10	0.92	0.87	1.31	1.30	0.320	0.317	72.6	73.6	
Mike Mussina	Yankees	3.37	3.32	3.73	20	14	0.76	0.84	1.22	1.22	0.320	0.317	73.3	70.9	

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Jorge de la Rosa	Rockies	4.92	4.06	3.71	10	10	0.90	0.80	1.46	1.37	0.330	0.301	67.1	75.5
Jered Weaver	Angels	4.33	3.90	3.86	11	12	1.02	1.19	1.28	1.26	0.310	0.293	70.7	74.7
Adam Wainwright	Cardinals	3.20	3.78	3.86	11	8	0.82	1.02	1.18	1.24	0.280	0.291	76.0	72.7
Andy Pettitte	Yankees	4.54	3.71	3.78	14	14	0.84	0.79	1.41	1.31	0.340	0.310	68.2	72.0
Aaron Harang	Reds	4.78	4.79	4.03	6	11	1.71	1.16	1.38	1.28	0.320	0.304	73.6	73.2
Johnny Cueto	Reds	4.81	4.90	3.90	9	12	1.50	1.02	1.41	1.33	0.310	0.299	72.5	74.7
Andy Sonnanstine	Rays	4.38	3.91	3.83	13	13	0.98	1.21	1.29	1.22	0.310	0.281	66.3	73.1
John Danks	White Sox	3.32	3.44	3.96	12	13	0.69	0.95	1.23	1.28	0.300	0.310	76.1	72.5
Jonathan Sanchez	Giants	5.01	3.85	3.90	9	12	0.80	0.88	1.45	1.40	0.330	0.307	67.5	75.1
Armando Galarraga	Tigers	3.73	4.88	4.00	13	11	1.41	1.13	1.19	1.25	0.250	0.281	75.6	73.9
Gil Meche	Royals	3.98	3.61	4.06	14	13	0.81	1.00	1.32	1.34	0.310	0.311	71.5	73.1
Matt Garza	Rays	3.70	4.14	3.99	11	12	0.93	1.15	1.24	1.27	0.280	0.281	72.9	73.8
Bronson Arroyo	Reds	4.77	4.50	3.99	15	13	1.31	0.95	1.44	1.35	0.320	0.305	70.1	73.0
Daisuke Matsuzaka	Red Sox	2.90	4.03	4.04	18	11	0.64	1.08	1.32	1.40	0.270	0.280	80.6	76.7
Jon Lester	Red Sox	3.21	3.64	4.05	16	13	0.60	0.91	1.27	1.32	0.300	0.303	77.4	71.9
Justin Verlander	Tigers	4.84	4.18	4.10	11	13	0.81	1.13	1.40	1.37	0.310	0.285	65.4	74.9
Randy Wolf	---	4.30	4.17	4.11	12	13	0.99	1.01	1.38	1.37	0.310	0.306	71.1	73.3
Paul Maholm	Pirates	3.71	4.15	4.11	9	12	0.92	0.84	1.28	1.32	0.290	0.306	75.5	71.0
Mark Buehrle	White Sox	3.79	3.94	4.04	15	13	0.91	0.96	1.34	1.31	0.310	0.301	71.8	71.2
Clayton Kershaw	Dodgers	4.26	4.08	3.97	5	8	0.92	0.76	1.50	1.43	0.330	0.309	75.7	74.0
Justin Duchscherer	Athletics	2.54	3.69	4.31	10	8	0.70	1.13	1.00	1.23	0.240	0.306	77.8	71.0
Ubaldo Jimenez	Rockies	3.99	3.83	4.03	12	13	0.50	0.72	1.43	1.44	0.310	0.303	70.8	73.8
John Maine	Mets	4.18	4.40	4.12	10	10	1.03	1.01	1.35	1.39	0.280	0.295	72.1	74.7
Tim Wakefield	Red Sox	4.13	4.84	4.21	10	11	1.24	1.41	1.18	1.25	0.250	0.268	71.9	74.5
David Bush	Brewers	4.18	4.93	4.27	9	11	1.41	1.25	1.14	1.22	0.250	0.284	71.5	72.1
Manny Parra	Brewers	4.39	4.16	4.10	10	11	0.98	0.67	1.54	1.45	0.340	0.321	71.7	72.3
Hiroki Kuroda	Dodgers	3.73	3.59	4.19	9	12	0.64	0.89	1.22	1.29	0.300	0.313	68.5	69.9
Gavin Floyd	White Sox	3.84	4.77	4.29	17	12	1.31	1.14	1.26	1.31	0.270	0.295	71.4	72.5
Carlos Zambrano	Cubs	3.91	4.23	4.23	14	11	0.86	1.02	1.29	1.35	0.280	0.292	73.4	72.6
Dustin McGowan	Blue Jays	4.37	3.81	4.23	6	7	0.73	1.04	1.37	1.37	0.320	0.305	67.4	72.3
Jeremy Guthrie	Orioles	3.63	4.53	4.29	10	11	1.13	1.14	1.23	1.29	0.270	0.291	76.7	72.0
Vicente Padilla	Rangers	4.74	5.03	4.20	14	11	1.37	1.07	1.46	1.38	0.310	0.294	72.2	73.1
Tim Hudson	Braves	3.17	3.83	4.27	11	8	0.70	0.74	1.16	1.30	0.270	0.316	75.2	69.2
Matt Cain	Giants	3.76	3.91	4.42	8	12	0.79	1.15	1.36	1.43	0.300	0.307	75.3	73.3
Chris Young	Padres	3.96	4.40	4.46	7	6	1.14	1.36	1.29	1.38	0.270	0.295	75.8	75.2

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Micah Owings	Diamondbacks	5.93	4.73	4.35	6	7	1.20	1.14	1.39	1.40	0.300	0.305	61.1	73.2
Odalis Perez	Nationals	4.34	4.62	4.19	7	11	1.24	0.95	1.48	1.38	0.330	0.306	73.8	71.9
Joe Saunders	Angels	3.41	4.36	4.30	17	12	0.95	1.21	1.21	1.27	0.270	0.279	75.7	71.7
Jair Jurrjens	Braves	3.68	3.59	4.27	13	12	0.53	0.76	1.37	1.42	0.310	0.318	71.0	70.7
Todd Wellemeyer	Cardinals	3.71	4.51	4.38	13	12	1.17	1.14	1.25	1.34	0.270	0.301	76.9	71.9
Oliver Perez	Mets	4.22	4.68	4.45	10	12	1.11	1.15	1.40	1.46	0.280	0.299	73.4	75.0
Jesse Litsch	Blue Jays	3.58	4.29	4.39	13	10	1.02	1.03	1.23	1.29	0.290	0.307	74.1	69.5
Sean Gallagher	---	5.15	4.48	4.48	5	8	1.01	1.08	1.53	1.50	0.320	0.307	66.5	73.8
Jose Contreras	White Sox	4.54	4.21	4.38	7	7	0.89	0.96	1.36	1.38	0.300	0.304	68.8	70.1
Jeff Francis	Rockies	5.01	4.81	4.48	4	9	1.32	1.07	1.48	1.40	0.320	0.302	70.7	71.2
John Lannan	Nationals	3.91	4.79	4.43	9	11	1.14	0.83	1.34	1.42	0.270	0.307	74.0	70.6
Kevin Millwood	Rangers	5.07	4.02	4.48	9	10	0.96	0.96	1.59	1.46	0.370	0.327	68.5	69.9
Braden Looper	Cardinals	4.16	4.52	4.51	12	12	1.13	1.04	1.31	1.33	0.300	0.309	72.2	69.1
Kyle Lohse	Cardinals	3.78	3.89	4.51	15	12	0.81	1.01	1.30	1.37	0.300	0.315	73.6	69.2
Jamie Moyer	Phillies	3.71	4.32	4.51	16	12	0.92	1.06	1.33	1.39	0.290	0.305	76.6	70.6
Doug Davis	Diamondbacks	4.32	4.15	4.45	6	9	0.80	0.87	1.53	1.49	0.330	0.314	72.5	71.5
Greg Maddux	---	4.22	4.09	4.56	8	12	0.97	1.00	1.21	1.31	0.290	0.320	64.1	67.5
Pedro Martinez	Mets	5.61	5.18	4.56	5	7	1.57	0.95	1.57	1.48	0.330	0.322	71.1	71.1
Nate Robertson	Tigers	6.35	4.99	4.44	7	10	1.39	1.10	1.66	1.48	0.340	0.294	64.3	71.9
Tim Redding	Nationals	4.95	4.93	4.59	10	11	1.34	1.18	1.43	1.41	0.300	0.299	68.5	71.5
Brian Moehler	Astros	4.56	4.57	4.64	11	9	1.20	1.13	1.35	1.37	0.300	0.309	71.4	69.2
Luke Hochevar	Royals	5.51	4.43	4.52	6	8	0.84	1.02	1.47	1.44	0.310	0.293	62.3	70.8
Brandon Backe	Astros	6.05	5.87	4.60	9	11	1.94	1.13	1.67	1.50	0.330	0.300	72.7	72.8
Aaron Cook	Rockies	3.96	3.76	4.57	16	11	0.55	0.88	1.34	1.39	0.310	0.312	68.9	67.6
Nick Blackburn	Twins	4.05	4.40	4.64	11	11	1.07	1.13	1.36	1.36	0.310	0.307	70.7	68.7
Brian Bannister	Royals	5.76	5.03	4.71	9	11	1.43	1.21	1.49	1.42	0.320	0.304	63.9	70.6
Joel Pineiro	Cardinals	5.15	4.71	4.67	7	9	1.33	0.98	1.45	1.41	0.320	0.320	68.7	68.0
Mike Pelfrey	Mets	3.72	3.96	4.71	13	11	0.54	0.97	1.36	1.45	0.300	0.311	74.3	69.0
Dana Eveland	Athletics	4.34	4.09	4.74	9	10	0.54	0.85	1.48	1.54	0.310	0.318	72.5	70.2
Jo-Jo Reyes	Braves	5.81	5.28	4.66	3	8	1.43	0.94	1.65	1.52	0.330	0.308	68.4	71.1
Darrell Rasner	Yankees	5.40	4.72	4.72	5	7	1.11	1.18	1.54	1.48	0.320	0.300	65.9	70.6
Scott Olsen	Marlins	4.20	5.02	4.93	8	11	1.34	1.31	1.31	1.39	0.270	0.299	71.6	70.3
Joe Blanton	---	4.69	4.52	4.86	9	11	1.00	1.12	1.40	1.44	0.300	0.309	68.4	69.4
Paul Byrd	---	4.60	5.14	4.97	11	10	1.55	1.35	1.32	1.36	0.290	0.307	73.9	68.2
Kyle Davies	Royals	4.06	4.22	4.88	9	7	0.80	1.18	1.45	1.48	0.310	0.306	71.7	70.4

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Jarrod Washburn	Mariners	4.69	4.72	4.97	5	8	1.11	1.26	1.46	1.47	0.310	0.306	70.5	69.7
Zach Duke	Pirates	4.82	4.40	4.87	5	10	0.92	1.06	1.50	1.45	0.330	0.313	67.2	67.8
Edwin Jackson	Rays	4.42	4.88	4.99	14	10	1.13	1.22	1.51	1.52	0.300	0.299	76.1	70.6
Garrett Olson	Orioles	6.65	5.13	4.79	9	9	1.15	1.17	1.73	1.58	0.340	0.291	64.4	72.0
Gregory Smith	Athletics	4.16	4.82	5.11	7	10	0.99	1.37	1.35	1.48	0.260	0.290	72.7	71.5
Jason Marquis	Cubs	4.53	4.61	4.96	11	9	0.81	1.05	1.45	1.52	0.290	0.304	71.2	69.6
Glen Perkins	Twins	4.41	5.14	5.04	12	8	1.49	1.28	1.47	1.44	0.310	0.309	75.8	68.4
Ian Snell	Pirates	5.42	4.57	4.97	7	10	0.99	0.99	1.76	1.65	0.360	0.323	69.3	71.3
Scott Feldman	Rangers	5.29	5.35	5.06	6	8	1.31	1.21	1.43	1.49	0.280	0.299	63.2	69.4
Carlos Silva	Mariners	6.46	4.63	5.01	4	9	1.17	1.13	1.60	1.49	0.350	0.319	61.1	66.9
Jon Garland	Angels	4.90	4.76	5.10	14	10	1.05	0.99	1.51	1.51	0.320	0.322	69.2	66.8
Jeremy Sowers	Indians	5.58	5.05	5.15	4	7	1.34	1.11	1.49	1.50	0.310	0.322	62.7	67.7
Sidney Ponson	- - -	5.04	4.83	5.07	8	7	0.93	0.97	1.61	1.55	0.330	0.311	66.2	67.5
Fausto Carmona	Indians	5.44	4.89	5.01	8	7	0.52	0.81	1.62	1.64	0.300	0.293	64.0	69.9
Livan Hernandez	- - -	6.05	4.94	5.21	13	9	1.25	1.21	1.67	1.52	0.350	0.311	64.8	66.7
Adam Eaton	Phillies	5.80	5.29	5.25	4	6	1.26	1.12	1.64	1.60	0.320	0.313	68.8	68.5
Daniel Cabrera	Orioles	5.25	5.61	5.29	8	9	1.20	1.06	1.61	1.61	0.300	0.307	72.4	69.1
Kenny Rogers	Tigers	5.70	5.22	5.31	9	9	1.14	1.23	1.63	1.58	0.320	0.302	66.6	68.8
Jeff Suppan	Brewers	4.96	5.51	5.39	10	9	1.52	1.07	1.54	1.58	0.300	0.325	71.2	67.0
Barry Zito	Giants	5.15	4.72	5.49	10	9	0.80	1.18	1.60	1.66	0.310	0.316	65.7	70.0
Tom Gorzelanny	Pirates	6.66	6.35	5.33	6	6	1.71	1.29	1.80	1.71	0.300	0.283	68.7	72.8
Kyle Kendrick	Phillies	5.49	5.55	5.80	11	8	1.33	1.03	1.61	1.66	0.320	0.342	69.6	64.5