



2016



qopa Rank	Player		Total	CH	CU	EP	FA	FC	FF	FS	FT	KC	KN	SC	SI	SL		
1	Michael Wacha	qopa	5.32	4.87	4.80			5.13	5.66									
		NP	2302	511	209			381	1201									
2	Matthew Bowman	qopa	5.04	4.45					5.24		5.45						4.49	
		NP	1050	152					278		384							236
3	Jonathan Broxton	qopa	5.02		4.03				5.13		5.19						4.78	
		NP	981		14				369		282							316
4	Trevor Rosenthal	qopa	4.94	4.30	4.36				5.14								4.11	
		NP	854	120	6				664									64
5	Tyler Lyons	qopa	4.89	4.66	4.73				5.04		5.71						4.64	
		NP	678	106	7				248		65							252
6	Adam Wainwright	qopa	4.85	4.03	5.28			4.45	4.78							4.98		
		NP	3168	76	849			958	418							867		
7	Alexander Reyes	qopa	4.77	4.64	4.26				4.89		4.95							
		NP	783	192	95				258		238							
8	Kevin Siegrist	qopa	4.76	4.43	1.70				5.34		5.84							
		NP	1042	225	113				681		23							
9	Jaime Garcia	qopa	4.66	4.34	4.54			3.71	4.69		5.10						4.13	
		NP	2557	467	132			62	726		850							320
10	Zach Duke	qopa	4.63	4.42	4.12				4.59		5.16							3.65
		NP	1002	44	208				77		517							156
11	Mike Leake	qopa	4.59	4.30				4.45	4.19			5.25			4.95	2.78		
		NP	2654	227				463	174			168			1395	227		
12	Jerome Williams	qopa	4.56	4.54	NA			4.32	4.34						4.90	3.54		
		NP	289	53	2			82	39						105	8		
13	Carlos Martinez	qopa	4.53	4.66	4.39				4.41		4.66							
		NP	3001	577	705				816		903							
14	Mike Mayers	qopa	4.52	4.61				NA	4.54		NA						4.34	
		NP	120	16				1	79		2							22
15	Seth Maness	qopa	4.47	4.08	4.25				4.38						4.83	2.63		
		NP	488	123	15				104						234	12		
16	Miguel Socolovich	qopa	4.30	4.44					4.34								4.06	
		NP	235	63					120									52
17	Samuel Tuivailala	qopa	4.20		4.63				4.15		4.19						4.17	
		NP	210		19				133		3							55
18	Dean Kiekhefer	qopa	4.02	3.94							4.39						3.14	
		NP	347	70							199							78
19	Luke Weaver	qopa	4.01	3.71	3.77			3.27	4.28		NA							
		NP	682	165	53			59	404		1							
20	Seung Hwan Oh	qopa	3.94	2.96	4.05				4.35		NA						3.35	
		NP	1294	90	10				799		2							393

*Pitch Data does not include IN (Intentional Walks) or PO (Pitch Outs)