

New and Improved Power Ranking (NIPR)

Nipr={all cats}; Bopper={run,hr,rbi,tb}; Pitchin={w,sv,k,era,whip}

Team	NIPR	NIPR Rank	BOPPER	BOPPER Rank	PITCHIN	PITCHIN Rank
Bay City Brawlers	-13	7	122	1	-96	12
CRYOGENIC TEDS	57	2	105	3	38	5
KGG 2015	85	1	110	2	60	3
Killer Maltese	51	3	-9	5	104	1
Naperville Weeners	16	5	-10	6	40	4
Plainfield Shutouts	-62	12	-55	9	-90	11
Plano Tiburon	-42	10	-61	10	-5	7
Prague Y!	-42	9	-126	12	-20	9
RBI's all day	-58	11	-49	8	-82	10
The Giant Squid	36	4	-10	7	71	2
Vatican City Popes	-27	8	-61	11	-4	6
Winterfell Beardsmen	-2	6	43	4	-16	8

NIPR for Special Category Areas

NIPR-1={all cats except your worst}; PQUAL={era,whip}; PQUAN={win,sv,k}

Team	NIPR-1	NIPR-1 Rank		PQUAL	PQUAL Rank		PQUAN	PQUAN Rank
Bay City Brawlers	10	7		-164	12		-4	8
CRYOGENIC TEDS	68	2		60	4		57	4
KGG 2015	99	1		-36	8		118	1
Killer Maltese	65	3		120	2		72	3
Naperville Weeners	28	5		-33	7		86	2
Plainfield Shutouts	-52	12		-80	11		-104	11
Plano Tiburon	-30	10		30	5		-42	9
Prague Y!	-22	9		158	1		-217	12
RBI's all day	-48	11		-71	10		-64	10
The Giant Squid	47	4		86	3		45	5
Vatican City Popes	-15	8		-51	9		33	6
Winterfell Beardsmen	10	6		-19	6		21	7

NIPR Category Data

Category Z-score * 100. Average is 0. One stdev better than average is 100. And 1 stdev worse is -100.

Team	Run	Hr	Rbi	Sb	Tb	W	Sv	K	Era	Whip	NIPR
Bay City Brawlers	41	166	111	-139	171	-34	-141	25	-213	-114	-13
CRYOGENIC TEDS	72	194	69	-40	85	28	-43	85	65	55	57
KGG 2015	205	8	123	115	103	90	135	146	-42	-31	85
Killer Maltese	-51	8	75	31	-70	59	135	85	145	95	51
Naperville Weeners	154	-92	-67	2	-34	90	95	81	-22	-45	16
Plainfield Shutouts	-51	-63	-20	45	-84	-95	-82	-113	-7	-153	-62
Plano Tiburon	-62	-120	-38	-153	-23	-64	-3	-20	72	-12	-42
Prague Y!	-31	-78	-221	186	-174	-219	16	-214	143	174	-42
RBI's all day	-31	-92	-2	31	-70	-64	-141	-64	-53	-88	-58
The Giant Squid	-62	23	34	45	-34	121	95	-32	32	140	36
Vatican City Popes	-144	-6	-115	-12	20	90	16	-24	-73	-29	-27
Winterfell Beardsmen	-41	51	51	-110	110	-3	-82	45	-47	9	-2

NIPR Explanation

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The goal of the NIPR is to give a statistical measure of a team's performance, independent of head-to-head weekly competition. The NIPR measures a team's statistical performance in each category (cat) over the whole season.

For each cat, the NIPR is a team's Z-score for that cat times 100. I multiply by 100, so that the NIPR is a whole number. The Z-score is the number of standard deviations either better or worse than average for a cat. An average performance gives a NIPR of 0, no better or worse than average.

Example: Assume the league average is 9 homers per week and the stdev is 1.

If Team Z averages 9 homers per week, their NIPR is 0.

If team X averages 10 homers per week, then their NIPR for homers is 100.

If Team Y averages 11 homers per week, their NIPR is 200.

If Team DOP averages 8 homers per week, their NIPR is -100.

Other NIPR scores are simply the averages over multiple categories:

NIPR = average(all cats)

NIPR-1 = average(all cats except team's worst)

BOPPER = average(run,hr,rbi,tb)

PQUAN=average(win,k)

PQUAL=average(era,whip)