

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	24	5	139	1	-43	9
CRYOGENIC TEDS	54	3	137	2	5	6
KGG 2015	66	2	77	3	48	3
Killer Maltese	69	1	1	6	136	1
Naperville Weeners	3	6	6	5	11	5
Plainfield Shutouts	-81	12	-60	9	-123	12
Plano Tiburon	-19	8	-63	10	40	4
Prague Y!	-52	10	-127	12	-48	10
RBI's all day	-56	11	-71	11	-67	11
The Giant Squid	37	4	-12	7	82	2
Vatican City Popes	-37	9	-54	8	-24	8
Winterfell Beardsmen	-7	7	28	4	-17	7

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	42	5	-82	10	44	5
CRYOGENIC TEDS	67	3	19	5	23	6
KGG 2015	83	2	-41	8	75	3
Killer Maltese	85	1	162	1	118	1
Naperville Weeners	14	6	-88	11	82	2
Plainfield Shutouts	-71	12	-121	12	-156	11
Plano Tiburon	-6	8	41	4	49	4
Prague Y!	-34	10	91	3	-219	12
RBI's all day	-47	11	-66	9	-33	10
The Giant Squid	52	4	138	2	18	7
Vatican City Popes	-26	9	-28	7	-15	9
Winterfell Beardsmen	3	7	-25	6	14	8

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	89	173	123	-101	169	26	-139	61	-120	-43	24
CRYOGENIC TEDS	102	211	142	-30	91	-9	-61	55	2	36	54
KGG 2015	129	-17	95	113	100	62	173	88	-82	-1	66
Killer Maltese	22	21	30	6	-69	132	121	104	190	134	69
Naperville Weeners	142	-37	-81	-48	-0	97	69	66	-84	-92	3
Plainfield Shutouts	-84	-37	-26	42	-92	-150	-61	-162	-68	-175	-81
Plano Tiburon	-111	-94	-26	-137	-23	26	17	72	129	-46	-19
Prague Y!	-18	-94	-220	220	-175	-221	17	-217	73	110	-52
RBI's all day	-71	-113	-7	60	-92	-44	-139	-21	-73	-59	-56
The Giant Squid	-98	21	39	6	-10	62	95	-26	103	174	37
Vatican City Popes	-138	2	-81	-30	-0	-9	-35	-21	-13	-43	-37
Winterfell Beardsmen	36	-37	12	-101	100	26	-61	1	-56	6	-7

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)