

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	-52	10	-91	10	2	7
CRYOGENIC TEDS	21	7	11	7	41	3
KGG 2015	75	1	117	2	55	2
Killer Maltese	24	5	35	5	31	4
Naperville Weeners	73	2	125	1	68	1
Plainfield Shutouts	-83	11	-140	12	-63	11
Plano Tiburon	-93	12	-134	11	-60	10
Prague Y!	27	4	-6	8	19	5
RBI's all day	-16	8	-45	9	9	6
The Giant Squid	28	3	55	4	-0	8
Vatican City Popes	23	6	61	3	-28	9
Winterfell Beardsmen	-27	9	12	6	-73	12

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	-36	10	32	4	27	7
CRYOGENIC TEDS	28	7	31	5	57	4
KGG 2015	83	2	26	6	72	2
Killer Maltese	33	6	-36	8	46	6
Naperville Weeners	93	1	2	7	120	1
Plainfield Shutouts	-69	11	70	2	-171	11
Plano Tiburon	-85	12	-96	11	-34	10
Prague Y!	54	3	217	1	-193	12
RBI's all day	-9	9	46	3	-3	8
The Giant Squid	45	4	-92	10	47	5
Vatican City Popes	45	5	-143	12	60	3
Winterfell Beardsmen	-8	8	-56	9	-29	9

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	-187	19	-75	-157	-122	47	-111	8	8	56	-52
CRYOGENIC TEDS	11	-4	15	-43	22	74	31	40	25	38	21
KGG 2015	81	83	188	9	116	47	79	98	42	9	75
Killer Maltese	-11	80	94	-53	-23	56	133	37	-13	-60	24
Naperville Weeners	167	137	96	-105	101	128	94	112	-16	20	73
Plainfield Shutouts	-33	-210	-140	45	-179	-170	-111	-173	116	23	-83
Plano Tiburon	-123	-141	-144	-90	-129	-44	-38	-25	-34	-159	-93
Prague Y!	-2	53	-30	196	-43	-170	45	-216	205	229	27
RBI's all day	-42	-80	-79	-27	23	-80	-43	74	25	66	-16
The Giant Squid	24	64	54	56	79	56	89	38	-131	-53	28
Vatican City Popes	145	-12	7	123	105	101	26	20	-172	-114	23
Winterfell Beardsmen	-29	11	15	45	50	-44	-194	-14	-55	-56	-27

NIPR Explanation

May 2013

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)