

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	-59	10	-89	10	-14	8
CRYOGENIC TEDS	29	4	23	6	47	3
KGG 2015	81	1	120	1	63	1
Killer Maltese	27	6	51	4	24	4
Naperville Weeners	66	2	114	2	62	2
Plainfield Shutouts	-86	11	-135	11	-75	12
Plano Tiburon	-102	12	-151	12	-66	10
Prague Y!	28	5	2	7	17	7
RBI's all day	-9	8	-38	9	18	6
The Giant Squid	31	3	38	5	23	5
Vatican City Popes	23	7	64	3	-30	9
Winterfell Beardsmen	-30	9	1	8	-69	11

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	-46	10	10	6	13	7
CRYOGENIC TEDS	37	7	52	4	50	6
KGG 2015	88	1	57	3	61	3
Killer Maltese	38	6	-60	9	52	5
Naperville Weeners	85	2	-15	7	122	1
Plainfield Shutouts	-73	11	45	5	-174	11
Plano Tiburon	-95	12	-115	11	-34	10
Prague Y!	55	3	213	1	-193	12
RBI's all day	-1	8	71	2	-2	8
The Giant Squid	44	4	-57	8	66	2
Vatican City Popes	43	5	-140	12	56	4
Winterfell Beardsmen	-12	9	-62	10	-17	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	-173	24	-87	-167	-121	35	-115	-8	-17	37	-59
CRYOGENIC TEDS	18	3	33	-35	39	55	33	44	42	62	29
KGG 2015	89	77	195	14	119	35	79	87	79	35	81
Killer Maltese	5	102	100	-52	-5	55	135	48	-49	-70	27
Naperville Weeners	163	134	76	-101	82	128	94	116	-38	8	66
Plainfield Shutouts	-26	-206	-142	52	-164	-173	-115	-175	90	-0	-86
Plano Tiburon	-158	-149	-140	-90	-156	-38	-33	-29	-65	-166	-102
Prague Y!	12	61	-21	194	-43	-173	43	-213	213	212	28
RBI's all day	-37	-71	-74	-25	32	-80	-48	75	54	88	-9
The Giant Squid	7	40	39	46	64	86	94	46	-83	-30	31
Vatican City Popes	130	-5	16	123	114	97	18	15	-160	-120	23
Winterfell Beardsmen	-30	-9	6	41	38	-28	-186	-6	-67	-56	-30

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)