

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	-69	10	-22	10	-91	11
CRYOGENIC TEDS	61	3	75	3	66	2
KGG 2015	73	1	93	2	61	3
Killer Maltese	24	6	12	6	40	5
Naperville Weeners	62	2	131	1	35	6
Plainfield Shutouts	-109	12	-144	11	-105	12
Plano Tiburon	-108	11	-188	12	-44	9
Prague Y!	53	5	22	5	40	4
RBI's all day	-9	8	-14	9	-2	7
The Giant Squid	56	4	38	4	73	1
Vatican City Popes	4	7	5	7	-6	8
Winterfell Beardsmen	-39	9	-8	8	-68	10

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	-60	10	-125	12	-29	10
CRYOGENIC TEDS	70	4	77	2	75	4
KGG 2015	79	2	32	4	89	3
Killer Maltese	31	6	-13	6	42	5
Naperville Weeners	78	3	-47	8	99	1
Plainfield Shutouts	-100	12	-35	7	-165	11
Plano Tiburon	-97	11	-77	10	-10	7
Prague Y!	83	1	245	1	-187	12
RBI's all day	-0	8	57	3	-19	8
The Giant Squid	60	5	28	5	98	2
Vatican City Popes	14	7	-54	9	28	6
Winterfell Beardsmen	-29	9	-87	11	-21	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	-98	96	-45	-153	-40	-48	-144	-11	-155	-96	-69
CRYOGENIC TEDS	78	56	89	-18	77	92	27	59	69	85	61
KGG 2015	69	67	118	58	117	78	63	99	43	22	73
Killer Maltese	-27	10	107	-10	-43	36	141	48	2	-28	24
Naperville Weeners	185	130	92	-78	115	105	70	93	-53	-40	62
Plainfield Shutouts	-92	-174	-128	13	-180	-145	-122	-185	-9	-62	-109
Plano Tiburon	-191	-180	-201	-108	-179	-20	-44	-1	-55	-98	-108
Prague Y!	42	84	-24	245	-16	-159	84	-215	235	254	53
RBI's all day	6	-54	-60	-25	52	-89	-87	52	62	51	-9
The Giant Squid	30	33	20	43	71	147	113	49	26	29	56
Vatican City Popes	57	-42	-31	50	35	50	20	6	-85	-23	4
Winterfell Beardsmen	-59	-25	63	-18	-9	-48	-122	5	-81	-94	-39

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)