

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	-70	10	-73	10	-48	9
CRYOGENIC TEDS	32	6	29	5	48	3
KGG 2015	72	2	85	2	69	1
Killer Maltese	34	5	64	3	27	5
Naperville Weeners	76	1	133	1	60	2
Plainfield Shutouts	-98	11	-136	11	-90	12
Plano Tiburon	-112	12	-180	12	-65	10
Prague Y!	46	3	24	6	27	6
RBI's all day	10	8	7	8	19	7
The Giant Squid	37	4	32	4	45	4
Vatican City Popes	12	7	23	7	-16	8
Winterfell Beardsmen	-39	9	-8	9	-75	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	-59	10	-67	9	9	7
CRYOGENIC TEDS	39	6	47	4	56	4
KGG 2015	76	2	56	3	79	2
Killer Maltese	45	4	-43	8	39	6
Naperville Weeners	93	1	-5	6	117	1
Plainfield Shutouts	-86	11	0	5	-166	11
Plano Tiburon	-102	12	-104	12	-35	10
Prague Y!	75	3	235	1	-196	12
RBI's all day	20	8	94	2	-14	9
The Giant Squid	45	5	-19	7	79	3
Vatican City Popes	27	7	-98	11	45	5
Winterfell Beardsmen	-26	9	-97	10	-12	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	-166	47	-67	-170	-108	22	-125	-4	-86	-47	-70
CRYOGENIC TEDS	50	11	22	-32	33	58	32	54	43	51	32
KGG 2015	47	51	140	38	102	58	73	100	66	46	72
Killer Maltese	19	91	143	-50	4	22	143	56	-62	-24	34
Naperville Weeners	160	153	98	-76	120	140	79	94	-19	8	76
Plainfield Shutouts	-43	-201	-143	19	-156	-154	-119	-179	25	-24	-98
Plano Tiburon	-196	-157	-177	-76	-187	-36	-44	-35	-69	-140	-112
Prague Y!	37	65	12	227	-15	-177	55	-216	232	239	46
RBI's all day	19	-24	-46	-25	78	-83	-67	55	103	85	10
The Giant Squid	16	29	25	19	56	116	108	41	-28	-10	37
Vatican City Popes	91	-42	-15	107	56	69	26	21	-122	-74	12
Winterfell Beardsmen	-35	-24	9	19	17	-36	-160	12	-84	-109	-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)