

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	-55	10	-74	10	-19	8
CRYOGENIC TEDS	38	3	35	5	56	3
KGG 2015	80	1	114	2	61	1
Killer Maltese	28	5	57	3	23	5
Naperville Weeners	65	2	115	1	56	2
Plainfield Shutouts	-93	11	-143	11	-80	12
Plano Tiburon	-98	12	-160	12	-51	10
Prague Y!	28	4	-2	8	17	7
RBI's all day	-2	8	-25	9	23	4
The Giant Squid	23	6	27	6	19	6
Vatican City Popes	18	7	50	4	-27	9
Winterfell Beardsmen	-32	9	5	7	-77	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	-43	10	-6	6	20	7
CRYOGENIC TEDS	47	4	71	3	54	4
KGG 2015	85	1	55	4	63	3
Killer Maltese	38	5	-61	8	49	6
Naperville Weeners	82	2	-19	7	112	1
Plainfield Shutouts	-80	11	30	5	-173	11
Plano Tiburon	-89	12	-91	10	-21	10
Prague Y!	56	3	217	1	-202	12
RBI's all day	7	8	85	2	-7	8
The Giant Squid	36	6	-65	9	66	2
Vatican City Popes	36	7	-125	12	52	5
Winterfell Beardsmen	-16	9	-91	11	-11	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	-168	49	-72	-161	-103	46	-126	-5	-35	24	-55
CRYOGENIC TEDS	33	15	41	-43	50	67	31	41	67	74	38
KGG 2015	90	70	172	35	126	35	68	90	64	47	80
Killer Maltese	9	100	123	-60	-5	46	138	51	-62	-60	28
Naperville Weeners	154	138	81	-94	86	120	95	104	-37	-2	65
Plainfield Shutouts	-37	-209	-150	41	-174	-165	-115	-180	62	-2	-93
Plano Tiburon	-180	-146	-152	-82	-161	-28	-34	-13	-42	-139	-98
Prague Y!	11	53	-26	208	-46	-187	52	-218	214	221	28
RBI's all day	-10	-61	-68	-32	40	-81	-40	66	87	83	-2
The Giant Squid	4	32	19	29	53	88	95	43	-93	-38	23
Vatican City Popes	119	-27	12	113	96	88	14	15	-143	-108	18
Winterfell Beardsmen	-25	-14	19	46	39	-28	-180	6	-82	-101	-32

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)