

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	-48	10	54	4	-117	12
CRYOGENIC TEDS	57	3	78	3	61	3
KGG 2015	109	1	129	2	94	1
Killer Maltese	21	5	-57	9	90	2
Naperville Weeners	68	2	148	1	30	5
Plainfield Shutouts	-93	12	-96	11	-109	11
Plano Tiburon	-81	11	-119	12	-43	9
Prague Y!	-1	7	-80	10	12	7
RBI's all day	-26	8	-48	8	-9	8
The Giant Squid	36	4	30	5	42	4
Vatican City Popes	-1	6	-40	7	20	6
Winterfell Beardsmen	-41	9	1	6	-71	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	-33	10	-155	12	-51	10
CRYOGENIC TEDS	69	3	80	3	68	4
KGG 2015	116	1	52	4	144	1
Killer Maltese	38	5	108	2	48	5
Naperville Weeners	83	2	-34	8	76	3
Plainfield Shutouts	-85	12	-78	10	-143	11
Plano Tiburon	-75	11	-75	9	-9	8
Prague Y!	22	6	183	1	-197	12
RBI's all day	-17	8	43	5	-8	7
The Giant Squid	44	4	-17	7	77	2
Vatican City Popes	12	7	-0	6	26	6
Winterfell Beardsmen	-31	9	-107	11	-32	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	-48	149	85	-108	30	-84	-173	-19	-178	-132	-48
CRYOGENIC TEDS	80	98	71	-50	64	52	10	84	78	83	57
KGG 2015	129	90	154	101	142	154	78	133	46	59	109
Killer Maltese	-88	-46	31	-8	-126	69	136	27	133	83	21
Naperville Weeners	225	132	85	-66	149	52	69	99	-32	-36	68
Plainfield Shutouts	-84	-139	-13	1	-149	-118	-106	-168	-45	-111	-93
Plano Tiburon	-117	-131	-136	-117	-92	1	-48	-19	-36	-114	-81
Prague Y!	-40	-12	-156	244	-110	-186	88	-208	170	196	-1
RBI's all day	-36	-97	-77	-24	16	-50	-115	33	40	46	-26
The Giant Squid	20	22	21	34	58	120	88	34	-29	-5	36
Vatican City Popes	4	-63	-117	51	16	35	49	17	-21	20	-1
Winterfell Beardsmen	-44	-4	51	-58	0	-50	-77	-14	-128	-87	-41

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)