

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	-57	10	15	4	-105	11
CRYOGENIC TEDS	54	3	98	3	42	4
KGG 2015	107	1	148	1	77	2
Killer Maltese	46	4	-15	6	101	1
Naperville Weeners	70	2	140	2	40	5
Plainfield Shutouts	-94	12	-88	10	-119	12
Plano Tiburon	-81	11	-107	12	-48	9
Prague Y!	-20	7	-102	11	-3	7
RBI's all day	-25	8	-31	8	-19	8
The Giant Squid	27	5	-21	7	64	3
Vatican City Popes	5	6	-50	9	34	6
Winterfell Beardsmen	-33	9	14	5	-65	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	-44	10	-135	12	-52	10
CRYOGENIC TEDS	67	3	64	3	40	6
KGG 2015	117	1	26	6	135	1
Killer Maltese	61	4	137	2	47	4
Naperville Weeners	84	2	-31	8	90	2
Plainfield Shutouts	-85	12	-113	11	-137	11
Plano Tiburon	-74	11	-89	9	-3	7
Prague Y!	2	7	153	1	-204	12
RBI's all day	-11	8	49	4	-26	9
The Giant Squid	34	5	36	5	80	3
Vatican City Popes	19	6	13	7	47	5
Winterfell Beardsmen	-22	9	-110	10	-16	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	-56	118	8	-100	-11	-89	-152	-16	-174	-95	-57
CRYOGENIC TEDS	106	128	83	-63	75	0	3	80	60	68	54
KGG 2015	146	108	158	94	180	160	62	110	15	38	107
Killer Maltese	-52	-2	83	11	-87	53	139	40	162	112	46
Naperville Weeners	213	138	78	-54	130	71	81	110	-29	-33	70
Plainfield Shutouts	-79	-131	-3	11	-140	-106	-94	-168	-63	-162	-94
Plano Tiburon	-119	-131	-98	-146	-80	0	-55	-6	-55	-122	-81
Prague Y!	-29	-62	-178	223	-138	-195	91	-214	141	165	-20
RBI's all day	-38	-71	-53	-26	40	-53	-143	1	62	36	-25
The Giant Squid	-38	-22	-38	29	12	106	91	53	17	54	27
Vatican City Popes	-11	-71	-118	85	-1	71	52	22	-2	28	5
Winterfell Beardsmen	-43	-2	78	-63	22	-18	-75	-13	-133	-88	-33

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)