

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	-64	13	-137	14	-17	9
Boston Poindexters	-50	12	75	4	-130	14
CRYOGENIC TEDS	8	7	13	6	13	7
KGG Baseball 2016	-2	8	-86	13	61	3
Killer Maltese	-6	9	-51	9	45	5
Luis's Legit Team	-71	14	-82	12	-58	12
Naperville Flowers	87	1	168	1	49	4
Notorious BE AR D	40	3	88	3	5	8
People of Plainfield	-37	10	-28	7	-71	13
Plano Tiburon	28	4	-29	8	80	2
RBI's all day	27	5	-59	10	82	1
The Savannah Bannana	26	6	138	2	-39	10
Thomas's Okay Team	-42	11	-68	11	-39	11
Vatican City Popes	57	2	58	5	19	6

Week 7

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	-49	13	41	5	-56	10
Boston Poindexters	-35	12	-159	13	-160	14
CRYOGENIC TEDS	19	7	-43	12	121	1
KGG Baseball 2016	9	8	23	7	45	7
Killer Maltese	5	9	-13	8	56	6
Luis's Legit Team	-61	14	36	6	-117	12
Naperville Flowers	102	1	64	4	84	3
Notorious BE AR D	47	4	-19	11	5	9
People of Plainfield	-26	10	-18	10	-124	13
Plano Tiburon	41	5	104	2	84	4
RBI's all day	39	6	135	1	62	5
The Savannah Bannana	55	3	-222	14	95	2
Thomas's Okay Team	-28	11	86	3	-105	11
Vatican City Popes	68	2	-16	9	9	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	-111	-127	-190	-3	-121	-77	-53	-36	11	72	-64
Boston Poindexters	26	118	78	-145	77	-182	-14	-137	-160	-159	-50
CRYOGENIC TEDS	30	7	32	-41	-16	134	-92	108	-74	-12	8
KGG Baseball 2016	-102	-96	-97	16	-50	8	169	82	37	9	-2
Killer Maltese	-102	-1	-19	-79	-85	8	140	104	-12	-14	-6
Luis's Legit Team	-163	-24	-38	-98	-101	-98	-130	-136	12	61	-71
Naperville Flowers	148	205	156	-50	162	92	-53	77	102	26	87
Notorious BE AR D	16	47	172	26	116	-14	53	23	-16	-22	40
People of Plainfield	7	-8	-50	92	-58	-140	-72	-108	-27	-9	-37
Plano Tiburon	21	-88	-42	-3	-8	113	24	55	101	108	28
RBI's all day	-26	-88	-34	92	-88	113	14	12	105	166	27
The Savannah Bannana	157	150	110	-98	137	92	63	97	-216	-229	26
Thomas's Okay Team	-40	-88	-62	45	-80	-35	-159	-174	134	38	-42
Vatican City Popes	139	-8	-15	244	116	-14	111	32	3	-35	57

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)