

## 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	-68	14	-148	14	-11	9
Boston Poindexters	-60	12	78	4	-154	14
CRYOGENIC TEDS	23	5	21	6	38	6
KGG Baseball 2016	10	8	-75	12	70	2
Killer Maltese	0	9	-48	9	55	4
Luis's Legit Team	-66	13	-80	13	-52	11
Naperville Flowers	96	1	182	1	54	5
Notorious BE AR D	36	3	92	3	-2	8
People of Plainfield	-39	10	-24	7	-74	13
Plano Tiburon	22	6	-40	8	79	1
RBI's all day	21	7	-55	10	67	3
The Savannah Bannana	30	4	114	2	-12	10
Thomas's Okay Team	-47	11	-56	11	-63	12
Vatican City Popes	42	2	37	5	5	7

**Week 8**

## 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	-55	13	54	4	-59	10
Boston Poindexters	-40	12	-220	14	-157	14
CRYOGENIC TEDS	33	7	-17	10	143	1
KGG Baseball 2016	21	8	31	7	54	5
Killer Maltese	11	9	6	8	59	4
Luis's Legit Team	-56	14	38	5	-101	11
Naperville Flowers	114	1	88	3	77	3
Notorious BE AR D	45	4	-14	9	-13	9
People of Plainfield	-28	10	-19	11	-125	13
Plano Tiburon	34	5	130	1	53	6
RBI's all day	33	6	107	2	42	7
The Savannah Bannana	54	2	-177	13	124	2
Thomas's Okay Team	-34	11	31	6	-107	12
Vatican City Popes	53	3	-37	12	8	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	-142	-129	-182	-32	-140	-85	-45	-32	39	68	-68
Boston Poindexters	35	133	71	-137	75	-162	-18	-151	-238	-203	-60
CRYOGENIC TEDS	18	17	57	-41	-8	162	-63	123	-38	5	23
KGG Baseball 2016	-78	-92	-93	46	-36	8	183	101	49	13	10
Killer Maltese	-95	2	-16	-85	-82	8	146	111	11	-0	0
Luis's Legit Team	-164	-12	-46	-85	-96	-85	-136	-117	10	66	-66
Naperville Flowers	173	213	164	-32	178	100	-63	55	125	51	96
Notorious BE AR D	9	46	191	2	124	-39	46	12	-22	-6	36
People of Plainfield	13	-12	-46	81	-53	-131	-81	-118	-18	-20	-39
Plano Tiburon	-13	-92	-43	-15	-13	69	28	36	119	141	22
RBI's all day	0	-92	-39	90	-88	69	37	15	84	129	21
The Savannah Bannana	147	125	71	-102	115	147	46	102	-162	-193	30
Thomas's Okay Team	-21	-78	-46	64	-78	-54	-163	-159	62	1	-47
Vatican City Popes	117	-27	-43	247	102	-8	83	23	-20	-53	42

## **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)