

## New and Improved Power Ranking (NIPR)

*Nipr={all cats}; Bop={run,hr,rbi,tb}; Pitch={w,sv,k,era,whip}*

Team	NIPR	NIPR Rank	BOP	BOP Rank	PITCH	PITCH Rank
Bay City Brawlers	-28	11	-121	13	42	3
Boston Poindexters	18	5	-13	9	37	4
CRYOGENIC TEDS	35	4	140	1	-50	11
Kelly Green Guys	59	2	55	4	61	2
Killer Maltese	4	7	30	5	4	7
Killer Rabbits	-5	8	-22	10	9	6
LA Raindrops	-76	14	-113	12	-74	14
Naperville Sixty	109	1	130	2	118	1
Notorious BE AR D	-20	9	5	7	-17	8
Plano Tiburon	-23	10	24	6	-56	13
PTBNL	39	3	84	3	-20	9
RBI's all day	-76	13	-129	14	-37	10
Southern Rockets	-41	12	-59	11	-52	12
Vatican City Popes	4	6	-10	8	35	5

**Week 14**

## NIPR for Special Category Areas

*NIPR-1={all cats except your worst}; PQUAL={era,whip}; PQUAN={win,svh,k}*

Team	NIPR-1	NIPR-1 Rank	PQUAL	PQUAL Rank	PQUAN	PQUAN Rank
Bay City Brawlers	-9	10	-38	9	52	4
Boston Poindexters	29	5	140	2	-69	11
CRYOGENIC TEDS	54	3	-124	13	29	7
Kelly Green Guys	66	2	11	5	76	2
Killer Maltese	16	6	5	7	-34	9
Killer Rabbits	8	8	-26	8	71	3
LA Raindrops	-60	13	-57	10	-80	13
Naperville Sixty	138	1	221	1	94	1
Notorious BE AR D	-6	9	-126	14	38	6
Plano Tiburon	-14	11	-64	11	-68	10
PTBNL	51	4	-64	12	24	8
RBI's all day	-65	14	29	4	-71	12
Southern Rockets	-24	12	88	3	-109	14
Vatican City Popes	12	7	5	6	46	5

## 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	K	Era	Whip	SvH	NIPR
Bay City Brawlers	24	-166	-200	126	-143	138	105	-25	-52	-86	-28
Boston Poindexters	32	-35	-53	158	5	-85	-47	137	142	-75	18
CRYOGENIC TEDS	160	166	87	-47	146	-11	60	-112	-136	37	35
Kelly Green Guys	54	84	77	126	6	108	115	6	16	3	59
Killer Maltese	58	-46	91	11	17	-99	105	-32	41	-108	4
Killer Rabbits	-74	-41	-9	-117	34	78	10	-2	-50	126	-5
LA Raindrops	-215	24	-73	49	-188	-55	-127	-40	-74	-58	-76
Naperville Sixty	75	155	125	-156	166	108	-79	243	200	253	109
Notorious BE AR D	-74	62	60	-85	-28	78	104	-150	-101	-69	-20
Plano Tiburon	11	35	43	4	8	-70	-25	-60	-67	-108	-23
PTBNL	139	24	84	106	89	34	14	-73	-55	25	39
RBI's all day	-91	-166	-169	-85	-90	-99	-106	62	-3	-8	-76
Southern Rockets	-74	-35	-60	-21	-67	-188	-197	30	146	59	-41
Vatican City Popes	-23	-62	-2	-66	46	63	66	17	-7	9	4

## **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)

BOP = average(run,hr,rbi,tb)

PITCH = average(win,k,era,whip,svh)

PQUAN=average(win,k, svh)

PQUAL=average(era,whip)