

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	91	1	149	1	50	5
Boston Poindexters	36	4	-43	10	84	2
CRYOGENIC TEDS	7	8	53	5	-17	9
KGG Baseball '17	25	6	-29	8	94	1
Killer Maltese	-11	9	-45	11	-14	8
Luis's Legit Team	-84	13	-152	14	-72	13
Naperville Roses	81	2	147	2	69	4
Notorious BE AR D	31	5	86	3	2	7
Plainfield Shutouts	-98	14	-146	13	-65	12
Plano Tiburon	13	7	-38	9	74	3
RBI's all day	-32	10	7	7	-57	10
The Planet Bandits	-51	11	13	6	-109	14
Thomas's Okay Team	-65	12	-84	12	-59	11
Vatican City Popes	58	3	81	4	18	6

Week 16

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	107	1	70	4	37	7
Boston Poindexters	49	4	146	1	43	6
CRYOGENIC TEDS	20	8	-110	13	46	5
KGG Baseball '17	40	6	133	2	69	4
Killer Maltese	-3	9	-75	10	28	8
Luis's Legit Team	-73	13	42	7	-148	13
Naperville Roses	104	2	67	5	71	3
Notorious BE AR D	43	5	-35	8	26	9
Plainfield Shutouts	-89	14	61	6	-149	14
Plano Tiburon	25	7	76	3	73	2
RBI's all day	-21	10	-102	12	-26	10
The Planet Bandits	-40	11	-139	14	-89	12
Thomas's Okay Team	-61	12	-38	9	-74	11
Vatican City Popes	77	3	-94	11	93	1

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	143	148	138	66	167	-49	171	-12	38	101	91
Boston Poindexters	-3	-80	-51	112	-35	51	15	63	141	151	36
CRYOGENIC TEDS	55	95	45	-59	15	117	-37	56	-115	-105	7
KGG Baseball '17	-76	-28	11	-109	-21	51	79	78	160	105	25
Killer Maltese	-29	-17	-80	132	-53	51	4	28	-67	-83	-11
Luis's Legit Team	-106	-177	-188	124	-134	-127	-129	-187	49	34	-84
Naperville Roses	120	163	165	-126	139	95	44	75	38	95	81
Notorious BE AR D	38	69	122	-47	114	-16	136	-41	-82	12	31
Plainfield Shutouts	-179	-133	-110	-68	-161	-171	-106	-171	47	75	-98
Plano Tiburon	-97	-2	-11	-93	-43	184	-71	108	103	48	13
RBI's all day	-5	-6	3	-63	35	-5	-71	-3	-129	-75	-32
The Planet Bandits	35	43	2	-18	-26	-82	-135	-50	-133	-145	-51
Thomas's Okay Team	-59	-95	-90	-22	-91	-105	-25	-92	31	-106	-65
Vatican City Popes	163	21	45	170	94	6	125	148	-81	-107	58

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)