

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	-63	13	-68	13	-86	14
Boston Poindexters	-55	12	-57	11	-36	10
CRYOGENIC TEDS	6	6	18	6	11	6
KGG Baseball 2016	-43	11	-54	9	-46	11
Killer Maltese	53	2	49	3	74	2
Luis's Legit Team	-91	14	-135	14	-62	13
Naperville Flowers	141	1	237	1	99	1
Notorious BE AR D	31	4	48	4	30	5
Plainfield Shutouts	-3	9	-3	7	-6	7
Plano Tiburon	6	7	-61	12	57	3
RBI's all day	13	5	-50	8	53	4
The Savannah Bannana	0	8	36	5	-11	8
Thomas's Okay Team	-39	10	-56	10	-32	9
Vatican City Popes	43	3	95	2	-46	12

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	-54	13	-123	12	-60	11
Boston Poindexters	-45	12	-23	8	-96	13
CRYOGENIC TEDS	19	8	-24	9	103	1
KGG Baseball 2016	-31	11	-127	14	4	7
Killer Maltese	63	2	88	3	89	2
Luis's Legit Team	-77	14	-48	10	-74	12
Naperville Flowers	160	1	171	1	88	3
Notorious BE AR D	50	4	9	7	-44	10
Plainfield Shutouts	4	9	35	6	-40	9
Plano Tiburon	19	7	63	4	30	6
RBI's all day	25	5	46	5	37	5
The Savannah Bannana	20	6	-123	13	88	3
Thomas's Okay Team	-23	10	133	2	-119	14
Vatican City Popes	58	3	-79	11	-5	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	-34	-110	-77	70	-51	-140	-64	20	-123	-123	-63
Boston Poindexters	-94	-36	-45	-142	-55	-100	58	-92	-56	11	-55
CRYOGENIC TEDS	14	1	58	-62	-1	140	-104	66	-27	-21	6
KGG Baseball 2016	-70	-36	-69	17	-43	-100	17	107	-100	-154	-43
Killer Maltese	50	94	51	-36	3	20	17	158	71	105	53
Luis's Legit Team	-214	-54	-124	-62	-145	20	-64	-168	-68	-29	-91
Naperville Flowers	194	260	249	-36	245	100	-23	77	229	113	141
Notorious BE AR D	14	1	138	-36	40	-140	220	51	0	18	31
Plainfield Shutouts	-34	20	35	17	-30	-60	-23	-20	29	42	-3
Plano Tiburon	-34	-110	-85	17	-14	60	98	0	41	85	6
RBI's all day	26	-91	-69	70	-67	140	98	-66	7	85	13
The Savannah Bannana	62	38	-21	-89	64	100	17	77	-65	-181	0
Thomas's Okay Team	-22	-73	-37	-9	-92	-60	-185	-179	153	113	-39
Vatican City Popes	146	94	-5	282	147	20	-64	-31	-93	-64	43

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)