

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	-74	13	-138	14	-41	10
Boston Poindexters	-46	11	28	5	-89	14
CRYOGENIC TEDS	-4	8	13	6	-9	8
KGG Baseball 2016	13	7	-33	9	47	4
Killer Maltese	-18	10	-56	10	27	6
Luis's Legit Team	-98	14	-115	13	-84	13
Naperville Flowers	115	1	188	1	88	1
Notorious BE AR D	49	3	118	2	-1	7
People of Plainfield	-14	9	11	7	-47	11
Plano Tiburon	29	4	-27	8	83	2
RBI's all day	14	6	-73	11	68	3
The Savannah Bannana	19	5	92	3	-19	9
Thomas's Okay Team	-61	12	-78	12	-67	12
Vatican City Popes	76	2	70	4	43	5

Week 5

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	-62	13	-26	8	-50	10
Boston Poindexters	-36	11	-129	13	-109	11
CRYOGENIC TEDS	9	8	-81	12	116	2
KGG Baseball 2016	20	7	6	7	48	4
Killer Maltese	-9	10	-35	10	47	5
Luis's Legit Team	-87	14	-34	9	-123	13
Naperville Flowers	134	1	148	1	97	3
Notorious BE AR D	60	3	-37	11	4	9
People of Plainfield	0	9	31	5	-116	12
Plano Tiburon	41	5	132	2	46	6
RBI's all day	27	6	123	3	44	7
The Savannah Bannana	46	4	-180	14	117	1
Thomas's Okay Team	-47	12	59	4	-134	14
Vatican City Popes	85	2	22	6	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	-86	-141	-189	12	-137	-85	-51	-14	-65	12	-74
Boston Poindexters	-6	61	33	-133	26	-137	31	-80	-142	-117	-46
CRYOGENIC TEDS	56	-14	20	-40	-11	148	-119	84	-111	-50	-4
KGG Baseball 2016	-36	-56	-50	25	9	-7	126	104	20	-8	13
Killer Maltese	-98	-14	-18	-93	-94	-33	113	128	-59	-11	-18
Luis's Legit Team	-197	-77	-69	-106	-117	-85	-105	-160	-53	-15	-98
Naperville Flowers	204	220	149	-40	181	122	-51	72	175	121	115
Notorious BE AR D	44	92	205	25	130	-7	58	16	-25	-48	49
People of Plainfield	25	29	1	52	-9	-137	-64	-94	44	19	-14
Plano Tiburon	-30	-77	10	-14	-11	45	58	48	117	148	29
RBI's all day	-30	-109	-64	91	-90	122	4	-34	87	158	14
The Savannah Bannana	80	114	80	-80	95	122	31	112	-139	-221	19
Thomas's Okay Team	-49	-77	-101	39	-86	-85	-187	-182	102	17	-61
Vatican City Popes	124	50	-8	262	115	19	153	0	49	-4	76

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)