

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	64	2	107	2	18	6
Boston Poindexters	69	1	33	6	86	3
CRYOGENIC TEDS	-11	8	22	7	-35	10
KGG Baseball '17	28	6	-50	9	105	1
Killer Maltese	-27	11	-88	12	-12	7
Luis's Legit Team	-44	12	-128	13	-13	8
Naperville Roses	37	5	10	8	96	2
Notorious BE AR D	17	7	81	3	-24	9
Plainfield Shutouts	-99	14	-83	11	-104	14
Plano Tiburon	-20	9	-60	10	22	5
RBI's all day	40	4	55	5	47	4
The Planet Bandits	-26	10	75	4	-96	13
Thomas's Okay Team	-75	13	-135	14	-46	12
Vatican City Popes	46	3	161	1	-45	11

Week 3

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	88	1	10	8	24	5
Boston Poindexters	81	2	162	1	36	4
CRYOGENIC TEDS	5	8	-67	10	-13	9
KGG Baseball '17	43	6	113	2	99	2
Killer Maltese	-14	11	-128	13	66	3
Luis's Legit Team	-26	12	60	4	-62	11
Naperville Roses	58	4	56	5	123	1
Notorious BE AR D	31	7	48	6	-73	12
Plainfield Shutouts	-90	14	-84	11	-117	14
Plano Tiburon	-11	10	23	7	21	6
RBI's all day	50	5	97	3	13	7
The Planet Bandits	-10	9	-121	12	-79	13
Thomas's Okay Team	-64	13	-40	9	-50	10
Vatican City Popes	66	3	-130	14	12	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	83	127	93	118	127	-155	195	30	4	17	64
Boston Poindexters	68	9	-3	132	57	72	70	-34	146	177	69
CRYOGENIC TEDS	39	9	57	-29	-16	-155	95	21	9	-143	-11
KGG Baseball '17	-107	-30	-69	-42	5	136	95	67	141	86	28
Killer Maltese	-136	-56	-45	145	-115	104	20	73	-132	-123	-27
Luis's Legit Team	-27	-187	-212	132	-84	39	-81	-144	62	59	-44
Naperville Roses	-12	9	87	-149	-45	136	-5	238	51	61	37
Notorious BE AR D	61	101	81	-29	80	-58	-56	-104	13	84	17
Plainfield Shutouts	-150	-56	-57	-135	-68	-58	-181	-114	-91	-77	-99
Plano Tiburon	-77	-56	-27	-69	-81	72	-106	97	46	-1	-20
RBI's all day	39	49	27	-55	103	7	20	12	86	108	40
The Planet Bandits	90	127	51	-82	33	-122	-56	-59	-165	-77	-26
Thomas's Okay Team	-70	-161	-141	25	-169	-25	-81	-43	-32	-48	-75
Vatican City Popes	199	114	159	38	174	7	70	-40	-137	-123	46

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)