

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	-131	14	-110	14	-165	14
Boston Poindexters	-27	10	56	4	-100	13
CRYOGENIC TEDS	-42	12	-55	11	-27	10
KGG Baseball 2018	36	3	-21	7	91	2
Killer Maltese	8	6	-30	8	68	3
Naperville Meerkats	98	2	218	1	56	5
Notorious BE AR D	5	7	58	3	-28	11
Plano Tiburon	-5	9	-74	12	63	4
PTBNL	-37	11	-92	13	-12	9
RBI's all day	-1	8	-34	9	14	7
San Antonio Kindness	111	1	114	2	92	1
Southern Rockets	15	5	9	5	0	8
Thomas's Okay Team	19	4	5	6	23	6
Vatican City Popes	-51	13	-47	10	-75	12

Week 21

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	-125	14	-166	14	-165	13
Boston Poindexters	-7	10	9	8	-172	14
CRYOGENIC TEDS	-31	12	-67	11	0	9
KGG Baseball 2018	50	3	116	3	75	2
Killer Maltese	25	6	38	5	88	1
Naperville Meerkats	128	1	36	6	69	4
Notorious BE AR D	21	7	-127	12	37	7
Plano Tiburon	7	8	98	4	40	6
PTBNL	-25	11	-13	9	-12	10
RBI's all day	6	9	11	7	16	8
San Antonio Kindness	127	2	117	2	74	3
Southern Rockets	36	4	128	1	-85	12
Thomas's Okay Team	30	5	-44	10	67	5
Vatican City Popes	-41	13	-138	13	-33	11

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	-78	-115	-134	-49	-111	-189	-121	-184	-162	-170	-131
Boston Poindexters	95	62	18	8	50	-164	-202	-150	21	-4	-27
CRYOGENIC TEDS	-140	26	11	-67	-116	46	-31	-13	-39	-95	-42
KGG Baseball 2018	-21	-83	-7	-6	26	54	90	82	136	95	36
Killer Maltese	-128	22	5	-143	-16	70	95	101	20	57	8
Naperville Meerkats	123	239	279	-176	232	37	75	94	23	49	98
Notorious BE AR D	16	98	36	-44	84	-51	145	18	-140	-113	5
Plano Tiburon	-58	-65	-67	-67	-107	54	45	22	120	76	-5
PTBNL	-126	-61	-84	64	-96	86	-142	19	-48	22	-37
RBI's all day	-38	-43	3	59	-57	29	45	-27	9	13	-1
San Antonio Kindness	162	109	107	196	79	142	-31	112	92	143	111
Southern Rockets	41	-7	-57	116	60	-76	-11	-169	136	120	15
Thomas's Okay Team	114	-76	-56	59	38	70	65	66	-35	-52	19
Vatican City Popes	38	-105	-52	50	-67	-108	-21	29	-132	-143	-51

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)