

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	-118	14	-94	14	-151	14
Boston Poindexters	-29	10	67	3	-108	13
CRYOGENIC TEDS	-33	11	-24	8	-39	11
KGG Baseball 2018	23	5	-42	9	85	3
Killer Maltese	-11	9	-65	11	54	4
Naperville Meerkats	90	2	222	1	36	6
Notorious BE AR D	4	8	39	4	-12	9
Plano Tiburon	6	6	-75	12	92	1
PTBNL	-42	12	-84	13	-30	10
RBI's all day	5	7	-19	7	9	7
San Antonio Kindness	97	1	87	2	87	2
Southern Rockets	26	3	36	5	1	8
Thomas's Okay Team	24	4	-4	6	39	5
Vatican City Popes	-42	13	-44	10	-64	12

Week 18

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	-112	14	-156	14	-148	13
Boston Poindexters	-9	10	6	8	-184	14
CRYOGENIC TEDS	-22	11	-103	12	4	9
KGG Baseball 2018	39	4	123	3	59	5
Killer Maltese	7	9	13	6	81	1
Naperville Meerkats	119	1	8	7	55	6
Notorious BE AR D	16	7	-97	11	45	7
Plano Tiburon	18	6	137	1	62	4
PTBNL	-31	12	-48	10	-18	10
RBI's all day	11	8	15	5	6	8
San Antonio Kindness	115	2	110	4	71	2
Southern Rockets	48	3	125	2	-81	12
Thomas's Okay Team	38	5	-8	9	71	3
Vatican City Popes	-32	13	-125	13	-23	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	-38	-107	-120	-53	-108	-172	-100	-172	-134	-178	-118
Boston Poindexters	125	70	16	-19	56	-182	-213	-158	18	-6	-29
CRYOGENIC TEDS	-115	53	46	-38	-79	46	-21	-13	-80	-126	-33
KGG Baseball 2018	-25	-119	-36	-24	12	18	103	57	140	107	23
Killer Maltese	-174	8	-44	-121	-50	84	64	96	-9	35	-11
Naperville Meerkats	118	238	279	-165	255	18	64	84	-7	22	90
Notorious BE AR D	-45	99	46	-63	57	-49	154	30	-109	-84	4
Plano Tiburon	-77	-58	-72	-102	-95	84	52	48	162	111	6
PTBNL	-94	-45	-93	69	-103	56	-140	29	-97	0	-42
RBI's all day	-28	-21	16	79	-45	37	30	-50	13	17	5
San Antonio Kindness	111	78	99	191	59	160	-60	114	94	126	97
Southern Rockets	111	-8	-44	108	87	-77	7	-172	126	123	26
Thomas's Okay Team	114	-103	-54	64	25	65	69	78	-3	-14	24
Vatican City Popes	17	-86	-38	74	-70	-87	-10	28	-114	-136	-42

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)