

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	-123	14	-108	14	-150	14
Boston Poindexters	-30	10	69	3	-111	13
CRYOGENIC TEDS	-40	11	-40	11	-38	11
KGG Baseball 2018	29	3	-38	10	90	2
Killer Maltese	1	8	-37	8	57	4
Naperville Meerkats	92	2	224	1	36	6
Notorious BE AR D	-3	9	41	4	-26	9
Plano Tiburon	8	6	-60	12	85	3
PTBNL	-43	13	-90	13	-28	10
RBI's all day	5	7	-26	6	15	7
San Antonio Kindness	112	1	112	2	94	1
Southern Rockets	18	4	15	5	4	8
Thomas's Okay Team	15	5	-26	7	38	5
Vatican City Popes	-41	12	-37	9	-66	12

Week 19

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	-117	14	-144	14	-153	13
Boston Poindexters	-9	10	-2	8	-184	14
CRYOGENIC TEDS	-29	11	-93	11	-2	9
KGG Baseball 2018	44	3	119	3	70	3
Killer Maltese	17	7	15	6	86	1
Naperville Meerkats	120	2	3	7	58	5
Notorious BE AR D	11	8	-123	12	39	7
Plano Tiburon	20	6	134	1	52	6
PTBNL	-33	13	-44	10	-17	10
RBI's all day	11	9	25	5	9	8
San Antonio Kindness	129	1	117	4	79	2
Southern Rockets	39	4	131	2	-81	12
Thomas's Okay Team	29	5	-10	9	70	4
Vatican City Popes	-31	12	-128	13	-25	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	-63	-117	-134	-48	-119	-176	-110	-174	-130	-159	-123
Boston Poindexters	113	71	31	-20	61	-176	-219	-156	3	-6	-30
CRYOGENIC TEDS	-133	44	29	-44	-101	27	-17	-16	-74	-113	-40
KGG Baseball 2018	-30	-109	-24	-5	12	44	98	68	142	95	29
Killer Maltese	-146	24	-6	-130	-18	87	71	100	-0	29	1
Naperville Meerkats	143	236	267	-158	253	10	76	87	-5	12	92
Notorious BE AR D	-23	87	40	-68	62	-49	142	23	-135	-110	-3
Plano Tiburon	-43	-54	-59	-101	-85	70	49	36	149	119	8
PTBNL	-110	-46	-96	66	-107	61	-137	26	-78	-11	-43
RBI's all day	-40	-23	5	76	-45	36	38	-46	26	23	5
San Antonio Kindness	159	95	117	200	76	163	-44	118	101	134	112
Southern Rockets	63	-11	-55	100	65	-74	-0	-168	125	136	18
Thomas's Okay Team	83	-109	-81	66	4	70	65	74	-5	-15	15
Vatican City Popes	27	-86	-33	66	-55	-91	-11	27	-120	-136	-41

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)