

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	-75	14	-127	14	-43	10
Boston Poindexters	23	4	138	2	-51	11
CRYOGENIC TEDS	-30	11	-0	7	-71	12
KGG Baseball 2018	-26	10	-104	13	49	4
Killer Maltese	52	3	12	4	108	1
Naperville Meerkats	83	1	148	1	65	2
Notorious BE AR D	57	2	88	3	55	3
Plano Tiburon	-16	9	-55	12	39	5
PTBNL	-35	13	10	6	-119	14
RBI's all day	-1	7	-18	9	16	7
San Antonio Kindness	11	5	-46	10	30	6
Southern Rockets	-13	8	-52	11	-10	9
Thomas's Okay Team	3	6	-5	8	6	8
Vatican City Popes	-34	12	11	5	-74	13

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	-66	14	-26	11	-54	11
Boston Poindexters	39	4	8	9	-90	13
CRYOGENIC TEDS	-18	13	-125	12	-35	10
KGG Baseball 2018	-11	10	116	1	4	7
Killer Maltese	72	2	69	3	134	1
Naperville Meerkats	102	1	102	2	40	3
Notorious BE AR D	70	3	-24	10	107	2
Plano Tiburon	-3	9	36	8	40	4
PTBNL	-16	12	-163	13	-90	14
RBI's all day	7	8	61	5	-15	8
San Antonio Kindness	23	5	37	7	25	5
Southern Rockets	9	7	62	4	-59	12
Thomas's Okay Team	18	6	40	6	-16	9
Vatican City Popes	-15	11	-192	14	5	6

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	-97	-157	-150	-25	-106	49	-102	-107	16	-68	-75
Boston Poindexters	189	98	108	-72	158	-81	-67	-120	-3	18	23
CRYOGENIC TEDS	-81	50	24	52	5	16	-102	-18	-108	-143	-30
KGG Baseball 2018	-153	-109	-84	-87	-70	-16	37	-8	114	119	-26
Killer Maltese	-129	98	90	-72	-10	243	37	121	50	89	52
Naperville Meerkats	70	129	217	-87	177	-16	72	65	91	113	83
Notorious BE AR D	14	129	60	-56	146	114	177	32	16	-64	57
Plano Tiburon	-42	66	-114	-133	-130	16	2	101	42	31	-16
PTBNL	70	2	-42	206	8	-81	-137	-51	-204	-122	-35
RBI's all day	-49	34	6	-10	-64	81	-67	-57	82	40	-1
San Antonio Kindness	-26	-61	0	144	-97	-81	72	85	49	24	11
Southern Rockets	38	-109	-84	129	-52	-146	177	-207	13	111	-13
Thomas's Okay Team	134	-125	-78	21	50	-16	-67	35	42	37	3
Vatican City Popes	62	-45	42	-10	-16	-81	-32	128	-200	-184	-34

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)