

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	-70	13	20	6	-145	14
Boston Poindexters	20	5	-6	8	28	5
CRYOGENIC TEDS	6	6	50	4	-8	11
KGG Baseball 2019	-32	12	-101	13	18	6
Killer Maltese	44	2	68	2	66	1
Killer Rabbits	-15	10	-51	9	-6	10
Naperville Jellyfish	78	1	202	1	2	8
Notorious BE AR D	-19	11	36	5	-37	12
Plano Tiburon	39	3	15	7	57	2
PTBNL	-7	9	-73	12	13	7
RBI's all day	-71	14	-106	14	-49	13
SATX Elephants	-1	7	-65	11	33	3
Southern Rockets	36	4	64	3	-5	9
Vatican City Popes	-7	8	-52	10	33	4

Week 9

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	-50	13	-137	14	-150	14
Boston Poindexters	31	5	82	3	-8	10
CRYOGENIC TEDS	18	6	-6	7	-9	11
KGG Baseball 2019	-19	12	-6	8	33	6
Killer Maltese	67	2	146	1	12	7
Killer Rabbits	-4	10	-11	9	-2	8
Naperville Meerkats	104	1	-77	11	54	2
Notorious BE AR D	-5	11	-47	10	-30	12
Plano Tiburon	54	4	81	4	40	3
PTBNL	6	9	-82	12	76	1
RBI's all day	-61	14	-113	13	-6	9
SATX Elephants	13	7	28	5	37	5
Southern Rockets	58	3	120	2	-88	13
Vatican City Popes	8	8	21	6	40	4

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	144	-9	-50	-54	-7	-201	-27	-223	-20	-254	-70
Boston Poindexters	77	-33	-28	85	-42	38	-83	21	102	62	20
CRYOGENIC TEDS	-30	103	51	-103	77	56	-55	-30	45	-57	6
KGG Baseball 2019	-127	-49	-78	-4	-150	38	47	15	-0	-12	-32
Killer Maltese	21	143	22	-163	85	-72	177	-69	159	134	44
Killer Rabbits	-76	-113	-53	85	38	20	1	-27	-87	65	-15
Naperville Meerkats	159	207	267	-34	175	185	-157	134	-133	-21	78
Notorious BE AR D	26	71	33	-153	13	38	-120	-7	-42	-53	-19
Plano Tiburon	-96	23	80	45	56	-54	122	53	56	107	39
PTBNL	-35	-97	-96	154	-64	-35	149	115	-129	-35	-7
RBI's all day	-91	-105	-89	-44	-138	75	-83	-9	-163	-62	-71
SATX Elephants	47	-97	-121	85	-87	1	-9	119	33	23	-1
Southern Rockets	118	-65	65	125	136	-164	47	-148	117	124	36
Vatican City Popes	-137	23	-3	-24	-91	75	-9	54	62	-20	-7

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)