

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	-55	13	46	6	-136	14
Boston Poindexters	4	6	-35	9	17	7
CRYOGENIC TEDS	7	5	48	5	-5	10
KGG Baseball 2019	-27	12	-106	13	30	3
Killer Maltese	46	3	72	3	68	1
Killer Rabbits	-5	8	-54	10	24	5
Naperville Jellyfish	66	1	172	1	-2	9
Notorious BE AR D	-8	9	62	4	-34	12
Plano Tiburon	30	4	26	7	29	4
PTBNL	-9	10	-80	12	18	6
RBI's all day	-89	14	-154	14	-46	13
SATX Elephants	2	7	-59	11	32	2
Southern Rockets	53	2	79	2	15	8
Vatican City Popes	-13	11	-15	8	-11	11

Week 8

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	-36	13	-118	14	-147	14
Boston Poindexters	13	7	61	3	-12	10
CRYOGENIC TEDS	19	5	10	7	-14	11
KGG Baseball 2019	-13	12	2	8	48	3
Killer Maltese	70	3	146	2	17	6
Killer Rabbits	7	10	49	4	8	8
Naperville Meerkats	90	1	-88	11	55	2
Notorious BE AR D	9	8	-56	10	-20	12
Plano Tiburon	45	4	45	5	19	5
PTBNL	7	9	-95	12	93	1
RBI's all day	-78	14	-104	13	-7	9
SATX Elephants	15	6	21	6	40	4
Southern Rockets	77	2	167	1	-87	13
Vatican City Popes	-6	11	-39	9	8	7

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	140	41	-31	-55	33	-188	-35	-219	-12	-224	-55
Boston Poindexters	29	-53	-53	93	-63	33	-80	10	83	39	4
CRYOGENIC TEDS	-16	81	51	-101	75	33	-57	-18	65	-45	7
KGG Baseball 2019	-151	-45	-72	2	-155	73	42	29	8	-4	-27
Killer Maltese	29	120	40	-170	98	-68	174	-56	140	152	46
Killer Rabbits	-101	-107	-27	47	20	53	-24	-6	15	83	-5
Naperville Meerkats	155	175	235	-21	123	194	-157	128	-141	-35	66
Notorious BE AR D	65	88	48	-158	48	53	-113	0	-55	-57	-8
Plano Tiburon	-66	34	74	47	62	-108	130	34	5	84	30
PTBNL	-81	-84	-102	139	-53	-7	152	134	-152	-37	-9
RBI's all day	-106	-178	-143	-44	-189	73	-80	-15	-141	-68	-89
SATX Elephants	49	-92	-117	93	-78	-7	9	119	18	24	2
Southern Rockets	130	-37	92	139	129	-148	53	-166	180	154	53
Vatican City Popes	-76	57	6	-10	-49	13	-13	25	-12	-66	-13

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)