

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	34	5	-130	14
Boston Poindexters	0	8	-43	11	23	5
CRYOGENIC TEDS	-18	11	18	7	-25	11
KGG Baseball 2019	-19	12	-111	13	53	2
Killer Maltese	28	3	47	4	50	3
Killer Rabbits	10	6	-23	9	28	4
Naperville Jellyfish	55	1	164	1	-8	9
Notorious BE AR D	5	7	78	3	-24	10
Plano Tiburon	18	5	12	8	15	6
PTBNL	-11	10	-81	12	9	7
RBI's all day	-87	14	-174	14	-32	13
SATX Elephants	24	4	-36	10	66	1
Southern Rockets	51	2	84	2	5	8
Vatican City Popes	-1	9	32	6	-30	12

Week 7

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	-37	13	-98	13	-152	14
Boston Poindexters	10	9	45	6	8	7
CRYOGENIC TEDS	-6	12	-15	8	-32	12
KGG Baseball 2019	1	11	62	4	48	3
Killer Maltese	48	3	133	1	-6	10
Killer Rabbits	20	7	60	5	8	8
Naperville Meerkats	80	1	-85	10	43	4
Notorious BE AR D	21	6	-39	9	-14	11
Plano Tiburon	33	5	16	7	14	5
PTBNL	7	10	-118	14	93	1
RBI's all day	-73	14	-86	12	5	9
SATX Elephants	36	4	86	3	53	2
Southern Rockets	74	2	126	2	-75	13
Vatican City Popes	11	8	-86	11	8	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	108	46	-35	-35	19	-181	-66	-208	20	-216	-55
Boston Poindexters	41	-76	-50	61	-85	53	-66	35	81	9	0
CRYOGENIC TEDS	-60	70	6	-132	57	11	-66	-42	46	-75	-18
KGG Baseball 2019	-194	-35	-58	-11	-156	53	49	40	71	53	-19
Killer Maltese	-26	110	21	-156	81	-96	151	-73	118	148	28
Killer Rabbits	-82	-60	18	49	31	53	-27	-3	44	75	10
Naperville Meerkats	147	159	218	-59	133	181	-168	115	-137	-33	55
Notorious BE AR D	80	94	67	-144	71	53	-104	10	-42	-36	5
Plano Tiburon	-54	-3	78	61	27	-117	139	22	-47	78	18
PTBNL	-49	-92	-130	170	-55	-11	151	138	-178	-58	-11
RBI's all day	-105	-213	-171	-11	-208	96	-66	-17	-129	-44	-87
SATX Elephants	63	-68	-92	49	-49	32	-2	130	98	74	24
Southern Rockets	141	-19	89	146	123	-139	75	-162	122	130	51
Vatican City Popes	-10	86	40	13	11	11	-2	15	-67	-106	-1

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)