

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	-37	11	-19	6	-50	10
Boston Poindexters	-22	9	93	2	-110	14
CRYOGENIC TEDS	-54	14	-98	14	-34	9
KGG Baseball 2018	5	6	-46	11	46	5
Killer Maltese	39	3	-27	7	120	1
Naperville Meerkats	97	1	214	1	55	3
Notorious BE AR D	47	2	68	3	53	4
Plano Tiburon	33	5	-6	5	93	2
PTBNL	-42	12	-28	8	-78	13
RBI's all day	-8	7	42	4	-61	11
San Antonio Kindness	34	4	-33	9	46	6
Southern Rockets	-16	8	-49	12	-9	8
Thomas's Okay Team	-24	10	-68	13	3	7
Vatican City Popes	-53	13	-44	10	-73	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	-26	11	26	6	-101	13
Boston Poindexters	-8	9	-62	10	-142	14
CRYOGENIC TEDS	-35	13	-83	11	-1	8
KGG Baseball 2018	16	6	71	5	30	5
Killer Maltese	58	3	108	4	128	1
Naperville Meerkats	126	1	112	2	16	7
Notorious BE AR D	59	2	-9	8	94	2
Plano Tiburon	49	4	108	3	82	3
PTBNL	-29	12	-114	13	-54	11
RBI's all day	4	8	-88	12	-43	10
San Antonio Kindness	47	5	16	7	66	4
Southern Rockets	4	7	125	1	-98	12
Thomas's Okay Team	-9	10	-34	9	27	6
Vatican City Popes	-36	14	-175	14	-4	9

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	33	-11	-112	-44	12	-42	-137	-123	72	-20	-37
Boston Poindexters	209	56	32	-44	76	-124	-154	-149	-65	-60	-22
CRYOGENIC TEDS	-227	-21	-40	20	-106	19	-18	-3	-64	-103	-54
KGG Baseball 2018	-26	-98	-68	2	8	-1	101	-8	49	92	5
Killer Maltese	-135	47	16	-100	-35	223	50	111	96	119	39
Naperville Meerkats	92	210	284	-155	271	-42	33	59	115	108	97
Notorious BE AR D	-26	124	60	-63	112	60	186	36	26	-44	47
Plano Tiburon	41	27	-40	-109	-51	162	-1	86	117	100	33
PTBNL	16	-1	-88	85	-38	-1	-154	-8	-158	-70	-42
RBI's all day	-9	76	76	58	26	-1	-69	-60	-62	-114	-8
San Antonio Kindness	16	-78	-4	243	-65	-1	84	117	13	18	34
Southern Rockets	16	-126	-40	76	-44	-144	50	-201	88	162	-16
Thomas's Okay Team	41	-155	-92	20	-67	-1	-1	85	-29	-38	-24
Vatican City Popes	-42	-49	16	11	-99	-103	33	57	-200	-151	-53

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)