

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	-64	14	-70	13	-61	11
Boston Poindexters	-25	9	73	2	-103	14
CRYOGENIC TEDS	-42	10	-63	12	-39	8
KGG Baseball 2018	15	6	-17	6	45	5
Killer Maltese	38	4	-27	8	121	1
Naperville Meerkats	110	1	216	1	79	3
Notorious BE AR D	36	5	54	4	43	6
Plano Tiburon	43	2	-2	5	109	2
PTBNL	-44	12	-28	9	-80	13
RBI's all day	8	7	64	3	-49	10
San Antonio Kindness	40	3	-19	7	49	4
Southern Rockets	-43	11	-71	14	-42	9
Thomas's Okay Team	-18	8	-61	11	2	7
Vatican City Popes	-55	13	-49	10	-73	12

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	-56	14	7	7	-107	12
Boston Poindexters	-8	9	-25	8	-154	14
CRYOGENIC TEDS	-25	10	-79	12	-13	9
KGG Baseball 2018	27	6	73	4	26	7
Killer Maltese	55	3	113	3	125	1
Naperville Meerkats	140	1	147	1	34	5
Notorious BE AR D	48	5	-28	9	90	3
Plano Tiburon	60	2	132	2	94	2
PTBNL	-31	12	-127	13	-48	11
RBI's all day	21	7	-73	11	-34	10
San Antonio Kindness	51	4	8	6	76	4
Southern Rockets	-27	11	56	5	-108	13
Thomas's Okay Team	-2	8	-38	10	29	6
Vatican City Popes	-39	13	-167	14	-11	8

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	-63	-34	-133	-53	-50	-86	-103	-131	57	-43	-64
Boston Poindexters	215	36	7	-27	35	-139	-172	-153	-39	-11	-25
CRYOGENIC TEDS	-194	1	19	33	-80	3	-34	-7	-58	-100	-42
KGG Baseball 2018	30	-86	-57	-1	44	-15	105	-12	64	83	15
Killer Maltese	-117	54	3	-113	-50	214	63	99	108	118	38
Naperville Meerkats	84	211	283	-164	289	3	8	91	129	165	110
Notorious BE AR D	-24	97	55	-70	90	38	202	30	9	-65	36
Plano Tiburon	37	10	-41	-104	-16	144	22	116	148	116	43
PTBNL	7	10	-93	67	-34	20	-158	-6	-161	-93	-44
RBI's all day	30	106	71	76	49	3	-47	-57	-38	-107	8
San Antonio Kindness	53	-60	-5	231	-64	55	63	109	8	7	40
Southern Rockets	-47	-139	-49	59	-48	-156	22	-189	6	106	-43
Thomas's Okay Team	76	-165	-85	50	-70	3	22	64	-39	-38	-18
Vatican City Popes	-86	-42	27	16	-96	-86	8	46	-196	-139	-55

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)