

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	13		-58	11		-73	12
Boston Poindexters	-17	10		126	2		-127	14
CRYOGENIC TEDS	-3	8		16	4		-16	9
KGG Baseball 2018	38	3		12	6		69	4
Killer Maltese	24	6		-78	13		128	1
Naperville Meerkats	70	1		186	1		26	6
Notorious BE AR D	28	5		79	3		9	7
Plano Tiburon	38	4		-2	7		101	2
PTBNL	-53	12		-76	12		-63	11
RBI's all day	-12	9		-45	10		-7	8
San Antonio Kindness	59	2		14	5		71	3
Southern Rockets	-83	14		-107	14		-100	13
Thomas's Okay Team	13	7		-45	9		43	5
Vatican City Popes	-36	11		-23	8		-59	10

Week 11

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	13	-22	8	-107	12
Boston Poindexters	3	9	-50	9	-178	14
CRYOGENIC TEDS	5	8	-54	10	9	8
KGG Baseball 2018	51	4	127	3	29	6
Killer Maltese	48	5	144	1	117	1
Naperville Meerkats	97	1	39	5	18	7
Notorious BE AR D	43	6	-93	13	77	2
Plano Tiburon	55	3	141	2	74	3
PTBNL	-44	12	-93	12	-43	11
RBI's all day	-3	10	9	7	-17	10
San Antonio Kindness	67	2	74	4	69	4
Southern Rockets	-71	14	-79	11	-113	13
Thomas's Okay Team	30	7	12	6	63	5
Vatican City Popes	-22	11	-154	14	3	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	-1	-56	-114	-40	-60	-89	-103	-131	60	-104	-64
Boston Poindexters	233	95	54	-40	121	-168	-200	-167	-60	-40	-17
CRYOGENIC TEDS	-53	49	91	-11	-21	30	-16	11	-39	-69	-3
KGG Baseball 2018	56	-76	-30	-11	98	-9	81	17	135	119	38
Killer Maltese	-198	36	-56	-92	-92	176	61	113	110	178	24
Naperville Meerkats	41	219	259	-179	225	-49	42	61	2	75	70
Notorious BE AR D	15	108	74	-77	118	-9	197	42	-80	-107	28
Plano Tiburon	10	9	-24	-121	-1	109	23	91	165	116	38
PTBNL	-63	-63	-99	84	-78	17	-142	-4	-141	-45	-53
RBI's all day	-84	9	-13	92	-92	30	-26	-56	4	14	-12
San Antonio Kindness	36	-10	42	179	-13	123	-16	100	72	75	59
Southern Rockets	-84	-155	-111	92	-78	-168	23	-195	-96	-61	-83
Thomas's Okay Team	98	-142	-68	92	-67	43	81	66	19	4	13
Vatican City Popes	-6	-23	-4	33	-58	-36	-6	52	-151	-156	-36

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)