

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	-42	12	64	5	-125	14
Boston Poindexters	72	1	38	7	98	1
CRYOGENIC TEDS	35	4	103	2	17	4
KGG Baseball 2019	-8	8	-28	9	-3	9
Killer Maltese	19	6	73	4	7	8
Killer Rabbits	-4	7	-30	10	-11	10
Naperville Jellyfish	38	3	123	1	-12	11
Notorious BE AR D	-27	10	-23	8	-22	12
Plano Tiburon	-37	11	-91	11	8	7
PTBNL	-46	13	-137	14	9	6
RBI's all day	-65	14	-116	13	-24	13
SATX Elephants	-25	9	-111	12	21	3
Southern Rockets	57	2	62	6	26	2
Vatican City Popes	33	5	75	3	11	5

Week 21

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	-20	10	-90	14	-148	14
Boston Poindexters	90	1	249	1	-2	10
CRYOGENIC TEDS	55	4	10	5	21	5
KGG Baseball 2019	0	8	-24	8	11	7
Killer Maltese	36	6	-11	7	18	6
Killer Rabbits	7	7	54	3	-54	13
Naperville Meerkats	66	3	-76	12	31	4
Notorious BE AR D	-21	11	-35	9	-13	11
Plano Tiburon	-22	12	17	4	2	9
PTBNL	-34	13	-81	13	69	1
RBI's all day	-56	14	-66	11	4	8
SATX Elephants	-10	9	-3	6	36	3
Southern Rockets	72	2	118	2	-36	12
Vatican City Popes	44	5	-62	10	60	2

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	142	31	34	-47	47	-197	-5	-242	-39	-141	-42
Boston Poindexters	159	3	-49	81	39	57	-82	17	258	241	72
CRYOGENIC TEDS	39	129	140	-145	103	121	-29	-28	54	-34	35
KGG Baseball 2019	-76	38	4	50	-79	26	29	-21	21	-70	-8
Killer Maltese	17	139	38	-135	96	-46	154	-52	-52	31	19
Killer Rabbits	6	-71	-10	133	-44	-94	34	-102	10	98	-4
Naperville Meerkats	88	125	174	-53	103	185	-216	123	-132	-21	38
Notorious BE AR D	-24	-15	-10	-73	-41	-54	-29	45	13	-84	-27
Plano Tiburon	-166	-68	-70	-47	-59	-70	43	34	-25	59	-37
PTBNL	-131	-113	-153	45	-153	-54	192	69	-66	-97	-46
RBI's all day	-109	-89	-143	-63	-122	89	-96	19	-85	-47	-65
SATX Elephants	-41	-162	-116	92	-125	18	-10	101	-35	30	-25
Southern Rockets	101	-68	78	190	135	-54	34	-87	143	94	57
Vatican City Popes	-5	122	82	-27	100	73	-19	125	-66	-58	33

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)