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	-98	14		-79	12		-125	14
Boston Poindexters	-24	11		84	2		-105	13
CRYOGENIC TEDS	-17	9		16	5		-37	10
KGG Baseball 2018	36	3		-9	6		86	2
Killer Maltese	-11	8		-100	14		82	3
Naperville Meerkats	86	1		224	1		25	6
Notorious BE AR D	21	4		60	3		6	7
Plano Tiburon	15	5		-79	13		110	1
PTBNL	-34	13		-44	11		-55	12
RBI's all day	-7	7		-17	7		-21	9
San Antonio Kindness	73	2		46	4		74	4
Southern Rockets	-18	10		-39	10		-18	8
Thomas's Okay Team	10	6		-36	9		31	5
Vatican City Popes	-33	12		-26	8		-55	11

Week	**15**	

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	-89	14		-113	13		-132	13
Boston Poindexters	-3	10		6	7		-178	14
CRYOGENIC TEDS	-5	11		-96	12		3	8
KGG Baseball 2018	53	3		134	2		54	6
Killer Maltese	15	7		63	5		95	1
Naperville Meerkats	114	1		13	6		34	7
Notorious BE AR D	34	4		-79	10		63	5
Plano Tiburon	29	5		167	1		72	2
PTBNL	-20	12		-85	11		-35	11
RBI's all day	-1	9		-31	8		-14	9
San Antonio Kindness	88	2		84	4		68	4
Southern Rockets	0	8		86	3		-87	12
Thomas's Okay Team	23	6		-32	9		72	3
Vatican City Popes	-23	13		-116	14		-14	10

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	11	-100	-126	-46	-101	-137	-102	-158	-38	-188	-98
Boston Poindexters	134	85	32	-51	86	-172	-213	-151	11	1	-24
CRYOGENIC TEDS	-82	80	93	-46	-27	50	-40	-2	-69	-123	-17
KGG Baseball 2018	20	-110	-8	-28	61	3	98	59	158	111	36
Killer Maltese	-246	6	-80	-116	-80	120	71	93	36	90	-11
Naperville Meerkats	134	238	260	-164	265	-43	77	68	-0	25	86
Notorious BE AR D	-3	101	47	-63	94	-8	160	38	-96	-62	21
Plano Tiburon	-113	-58	-52	-87	-94	108	29	79	190	144	15
PTBNL	-16	-26	-67	114	-67	27	-130	-1	-155	-16	-34
RBI's all day	-42	-5	27	102	-50	3	22	-67	-44	-19	-7
San Antonio Kindness	55	37	71	179	20	155	-61	110	75	92	73
Southern Rockets	28	-95	-93	67	2	-113	36	-184	69	103	-18
Thomas's Okay Team	77	-105	-67	90	-50	85	57	74	-12	-51	10
Vatican City Popes	42	-47	-38	49	-59	-78	-5	41	-124	-107	-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)