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	-81	14		-71	13		-96	13
Boston Poindexters	-30	12		85	2		-115	14
CRYOGENIC TEDS	-28	10		-2	5		-46	11
KGG Baseball 2018	25	4		-29	8		79	3
Killer Maltese	-5	8		-119	14		107	2
Naperville Meerkats	75	1		212	1		11	8
Notorious BE AR D	30	3		72	3		16	5
Plano Tiburon	18	5		-66	12		110	1
PTBNL	-36	13		-22	7		-77	12
RBI's all day	12	6		-11	6		13	6
San Antonio Kindness	71	2		52	4		61	4
Southern Rockets	-28	11		-41	11		-37	9
Thomas's Okay Team	2	7		-29	9		12	7
Vatican City Popes	-26	9		-31	10		-38	10

Week	**14**

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	-73	14		-66	9		-117	13
Boston Poindexters	-10	10		-24	8		-175	14
CRYOGENIC TEDS	-14	11		-123	14		5	8
KGG Baseball 2018	41	4		134	2		42	6
Killer Maltese	24	6		97	3		113	1
Naperville Meerkats	101	1		-3	7		21	7
Notorious BE AR D	43	3		-76	11		77	3
Plano Tiburon	32	5		156	1		80	2
PTBNL	-18	12		-122	13		-48	11
RBI's all day	20	7		54	6		-14	10
San Antonio Kindness	86	2		63	4		61	5
Southern Rockets	-9	9		60	5		-101	12
Thomas's Okay Team	12	8		-66	10		65	4
Vatican City Popes	-19	13		-83	12		-9	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	31	-100	-125	-38	-91	-114	-88	-148	11	-143	-81
Boston Poindexters	140	85	24	-62	91	-165	-207	-154	-8	-41	-30
CRYOGENIC TEDS	-90	60	73	-38	-52	38	-29	6	-97	-149	-28
KGG Baseball 2018	-27	-112	-29	-26	53	0	90	36	155	114	25
Killer Maltese	-266	-1	-93	-111	-116	152	83	105	78	117	-5
Naperville Meerkats	90	239	269	-153	250	-63	68	58	-16	10	75
Notorious BE AR D	10	110	54	-62	113	0	180	51	-80	-72	30
Plano Tiburon	-78	-51	-56	-105	-80	127	31	81	170	142	18
PTBNL	10	-7	-54	118	-37	0	-133	-10	-199	-45	-36
RBI's all day	-27	5	24	94	-44	0	16	-59	36	72	12
San Antonio Kindness	69	29	76	191	34	139	-66	109	42	83	71
Southern Rockets	23	-112	-83	70	8	-127	16	-193	44	76	-28
Thomas's Okay Team	94	-94	-59	70	-59	76	53	65	-43	-89	2
Vatican City Popes	19	-51	-22	52	-70	-63	-14	51	-92	-74	-26

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)