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	-51	13		78	3		-147	14
Boston Poindexters	31	5		-1	8		43	2
CRYOGENIC TEDS	22	6		78	4		5	9
KGG Baseball 2019	-26	10		-69	11		6	7
Killer Maltese	56	1		94	2		67	1
Killer Rabbits	-28	12		-33	10		-49	13
Naperville Jellyfish	50	2		133	1		-1	11
Notorious BE AR D	3	7		17	7		15	5
Plano Tiburon	-9	8		-25	9		0	10
PTBNL	-27	11		-111	13		6	8
RBI's all day	-70	14		-159	14		-1	12
SATX Elephants	-23	9		-102	12		25	3
Southern Rockets	39	3		46	6		10	6
Vatican City Popes	33	4		54	5		20	4

Week	**12**	

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	-31	13		-153	14		-143	14
Boston Poindexters	44	4		130	3		-15	11
CRYOGENIC TEDS	38	6		-0	6		9	9
KGG Baseball 2019	-16	11		-13	8		19	6
Killer Maltese	79	1		150	1		11	8
Killer Rabbits	-13	10		-81	12		-27	12
Naperville Meerkats	74	2		-72	11		47	2
Notorious BE AR D	16	7		57	4		-13	10
Plano Tiburon	3	8		-32	9		22	5
PTBNL	-16	12		-108	13		82	1
RBI's all day	-56	14		-36	10		22	4
SATX Elephants	-11	9		39	5		15	7
Southern Rockets	60	3		132	2		-72	13
Vatican City Popes	41	5		-12	7		42	3

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	204	63	18	-90	28	-212	5	-221	-73	-232	-51
Boston Poindexters	94	-17	-59	101	-24	16	-81	20	143	117	31
CRYOGENIC TEDS	55	89	74	-115	94	105	-52	-26	38	-39	22
KGG Baseball 2019	-116	-12	-59	-15	-89	54	-3	6	11	-36	-26
Killer Maltese	50	147	42	-148	138	-60	168	-75	130	170	56
Killer Rabbits	-37	-102	-12	101	19	-9	-3	-70	-156	-6	-28
Naperville Meerkats	72	137	216	-32	105	168	-173	145	-106	-37	50
Notorious BE AR D	-7	47	18	-115	8	29	-102	34	73	41	3
Plano Tiburon	-121	-17	15	9	22	-72	104	34	-69	5	-9
PTBNL	-90	-107	-122	142	-126	-47	182	111	-129	-88	-27
RBI's all day	-147	-134	-160	-57	-193	92	-67	40	-55	-18	-70
SATX Elephants	-20	-134	-125	51	-129	-22	-10	78	45	34	-23
Southern Rockets	90	-70	86	159	79	-123	54	-146	135	129	39
Vatican City Popes	-29	110	68	9	68	80	-24	69	14	-39	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)