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	97	1		161	1		51	5
Boston Poindexters	32	6		-41	10		74	2
CRYOGENIC TEDS	-4	8		42	5		-29	9
KGG Baseball '17	32	5		-30	9		111	1
Killer Maltese	-16	9		-48	11		-19	8
Luis's Legit Team	-80	13		-150	14		-67	12
Naperville Roses	77	2		149	2		60	4
Notorious BE AR D	37	4		90	3		9	7
Plainfield Shutouts	-104	14		-147	13		-75	13
Plano Tiburon	21	7		-19	8		74	3
RBI's all day	-32	10		-3	7		-50	11
The Planet Bandits	-58	12		5	6		-115	14
Thomas's Okay Team	-56	11		-72	12		-50	10
Vatican City Popes	54	3		63	4		26	6

Week	**17**	

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	111	1		75	4		35	7
Boston Poindexters	44	6		128	2		38	6
CRYOGENIC TEDS	11	8		-131	13		39	5
KGG Baseball '17	49	5		146	1		88	2
Killer Maltese	-7	9		-79	10		20	9
Luis's Legit Team	-68	13		59	5		-152	14
Naperville Roses	99	2		47	6		69	3
Notorious BE AR D	49	4		-30	9		35	8
Plainfield Shutouts	-95	14		40	7		-151	13
Plano Tiburon	33	7		84	3		67	4
RBI's all day	-23	10		-87	12		-26	10
The Planet Bandits	-46	11		-154	14		-88	12
Thomas's Okay Team	-50	12		-19	8		-70	11
Vatican City Popes	70	3		-79	11		96	1

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	158	161	141	69	185	-31	157	-19	47	103	97
Boston Poindexters	-3	-73	-56	117	-34	43	22	48	128	129	32
CRYOGENIC TEDS	46	79	41	-66	3	107	-49	59	-139	-123	-4
KGG Baseball '17	-74	-28	4	-114	-21	86	97	81	168	124	32
Killer Maltese	-32	-24	-81	133	-54	33	-11	38	-64	-93	-16
Luis's Legit Team	-100	-180	-185	133	-135	-127	-135	-193	60	58	-80
Naperville Roses	122	168	164	-122	142	97	38	71	24	69	77
Notorious BE AR D	42	72	131	-35	116	-10	146	-31	-71	12	37
Plainfield Shutouts	-185	-128	-117	-74	-159	-180	-103	-171	16	63	-104
Plano Tiburon	-91	28	12	-86	-25	171	-70	100	106	62	21
RBI's all day	-3	-24	-6	-54	21	-21	-60	3	-113	-61	-32
The Planet Bandits	20	31	2	-31	-34	-74	-141	-50	-139	-170	-58
Thomas's Okay Team	-54	-80	-77	-27	-78	-116	-5	-88	45	-84	-56
Vatican City Popes	155	-2	26	157	75	22	114	152	-70	-89	54

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)