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	-39	10		-84	12		7	9
Boston Poindexters	-108	14		-6	7		-194	14
CRYOGENIC TEDS	34	6		67	4		29	8
KGG Baseball 2016	26	7		-56	10		75	1
Killer Maltese	-7	8		-36	8		31	7
Luis's Legit Team	-61	12		-46	9		-74	13
Naperville Flowers	101	1		221	1		34	6
Notorious BE AR D	60	2		90	2		50	4
People of Plainfield	-70	13		-103	14		-68	12
Plano Tiburon	37	5		-1	6		66	2
RBI's all day	-32	9		-96	13		4	10
The Savannah Bannana	55	4		86	3		57	3
Thomas's Okay Team	-57	11		-76	11		-51	11
Vatican City Popes	59	3		39	5		34	5

Week	**16**

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	10		93	1		-51	10
Boston Poindexters	-85	14		-313	14		-115	12
CRYOGENIC TEDS	46	5		-6	10		53	4
KGG Baseball 2016	38	7		45	4		94	2
Killer Maltese	1	8		9	9		46	5
Luis's Legit Team	-52	12		-11	11		-116	13
Naperville Flowers	117	1		19	8		43	6
Notorious BE AR D	68	4		73	2		36	8
People of Plainfield	-59	13		36	5		-137	14
Plano Tiburon	44	6		72	3		62	3
RBI's all day	-21	9		-19	12		20	9
The Savannah Bannana	70	3		-57	13		134	1
Thomas's Okay Team	-48	11		29	6		-105	11
Vatican City Popes	74	2		29	7		37	7

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	-107	-70	-88	-81	-72	-29	-91	-34	55	131	-39
Boston Poindexters	-54	48	-2	-89	-15	-188	6	-162	-312	-313	-108
CRYOGENIC TEDS	83	45	104	-73	38	131	-73	100	-1	-11	34
KGG Baseball 2016	-61	-77	-56	112	-30	-2	180	104	68	23	26
Killer Maltese	-33	19	-47	-81	-81	-11	116	32	5	14	-7
Luis's Legit Team	-133	4	-5	-58	-51	-73	-146	-129	-42	21	-61
Naperville Flowers	176	248	241	-39	217	69	-22	83	43	-5	101
Notorious BE AR D	51	71	130	-12	109	25	38	44	79	66	60
People of Plainfield	-107	-85	-95	54	-123	-162	-119	-132	36	36	-70
Plano Tiburon	27	-22	-12	42	5	69	88	29	88	57	37
RBI's all day	-26	-118	-130	42	-110	16	19	24	-19	-19	-32
The Savannah Bannana	111	107	39	-81	87	167	102	132	-61	-53	55
Thomas's Okay Team	-75	-100	-46	-8	-84	-64	-119	-131	28	31	-57
Vatican City Popes	148	-70	-33	270	110	51	19	41	32	25	59

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)