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	-49	12		-114	14		2	9
Boston Poindexters	-77	14		52	4		-172	14
CRYOGENIC TEDS	26	5		28	5		40	6
KGG Baseball 2016	11	7		-70	11		67	1
Killer Maltese	-1	9		-41	9		46	5
Luis's Legit Team	-70	13		-94	13		-49	11
Naperville Flowers	105	1		207	1		54	3
Notorious BE AR D	37	4		85	3		6	8
People of Plainfield	-42	10		-41	8		-64	13
Plano Tiburon	23	6		-26	7		63	2
RBI's all day	3	8		-71	12		46	4
The Savannah Bannana	42	2		136	2		-4	10
Thomas's Okay Team	-47	11		-64	10		-51	12
Vatican City Popes	40	3		10	6		18	7

Week	**9**

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	-37	12		79	3		-53	10
Boston Poindexters	-55	13		-255	14		-168	14
CRYOGENIC TEDS	37	5		-11	11		147	1
KGG Baseball 2016	23	7		21	7		47	5
Killer Maltese	8	9		1	8		44	6
Luis's Legit Team	-59	14		48	6		-99	11
Naperville Flowers	122	1		83	2		76	3
Notorious BE AR D	44	4		-4	10		-5	9
People of Plainfield	-35	11		-12	12		-109	13
Plano Tiburon	34	6		102	1		47	4
RBI's all day	14	8		63	4		27	7
The Savannah Bannana	66	2		-164	13		136	2
Thomas's Okay Team	-34	10		51	5		-103	12
Vatican City Popes	51	3		-1	9		13	8

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	-128	-87	-152	-44	-89	-71	-40	-36	55	102	-49
Boston Poindexters	41	86	40	-115	41	-177	-15	-158	-272	-238	-77
CRYOGENIC TEDS	24	11	80	-52	-1	180	-72	114	-21	-2	26
KGG Baseball 2016	-68	-87	-98	52	-25	-18	197	112	47	-4	11
Killer Maltese	-64	5	-26	-75	-78	-5	140	92	15	-14	-1
Luis's Legit Team	-177	-35	-53	-83	-109	-84	-146	-113	8	88	-70
Naperville Flowers	196	242	187	-44	204	101	-48	51	102	64	105
Notorious BE AR D	17	46	163	-4	115	-31	50	20	-12	3	37
People of Plainfield	-1	-47	-53	60	-62	-111	-80	-107	-3	-20	-42
Plano Tiburon	6	-70	-29	20	-10	48	17	46	86	118	23
RBI's all day	-36	-93	-58	83	-98	48	50	6	58	67	3
The Savannah Bannana	150	150	107	-107	138	154	34	118	-150	-178	42
Thomas's Okay Team	-43	-64	-53	44	-96	-44	-154	-161	79	23	-47
Vatican City Popes	83	-58	-56	266	72	9	66	17	8	-10	40

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)