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	-48	10		-103	10		20	5
CRYOGENIC TEDS	-6	7		-16	8		8	7
KGG 2015	75	1		130	1		41	2
Killer Maltese	18	5		36	5		20	4
Naperville Weeners	66	2		113	2		65	1
Plainfield Shutouts	-90	12		-151	12		-67	11
Plano Tiburon	-62	11		-114	11		-17	9
Prague Y!	27	4		8	7		12	6
RBI's all day	-8	8		-39	9		21	3
The Giant Squid	35	3		70	3		4	8
Vatican City Popes	14	6		54	4		-39	10
Winterfell Beardsmen	-22	9		13	6		-68	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	-30	10		72	2		27	7
CRYOGENIC TEDS	0	8		-39	8		42	5
KGG 2015	85	2		-14	7		80	2
Killer Maltese	29	6		-64	10		47	4
Naperville Weeners	86	1		-12	6		125	1
Plainfield Shutouts	-76	12		65	4		-174	11
Plano Tiburon	-55	11		-2	5		-28	10
Prague Y!	54	3		210	1		-197	12
RBI's all day	1	7		69	3		-2	8
The Giant Squid	50	4		-72	11		36	6
Vatican City Popes	36	5		-161	12		59	3
Winterfell Beardsmen	-2	9		-51	9		-16	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	-207	4	-73	-168	-134	58	-99	-4	50	93	-48
CRYOGENIC TEDS	1	-23	-23	-42	-18	58	34	26	-65	-12	-6
KGG 2015	101	89	205	19	126	58	75	102	-11	-17	75
Killer Maltese	-3	89	78	-60	-21	50	134	44	-49	-78	18
Naperville Weeners	147	122	92	-112	89	126	98	124	-32	7	66
Plainfield Shutouts	-61	-216	-145	38	-183	-180	-117	-168	120	10	-90
Plano Tiburon	-101	-124	-122	-79	-108	-27	-26	-29	70	-75	-62
Prague Y!	-1	63	-11	182	-20	-180	34	-213	182	238	27
RBI's all day	-29	-75	-80	-23	29	-78	-30	74	59	79	-8
The Giant Squid	35	82	68	56	94	50	89	23	-100	-43	35
Vatican City Popes	137	-16	-6	122	99	84	11	35	-178	-145	14
Winterfell Beardsmen	-19	7	17	66	47	-18	-204	-13	-46	-56	-22

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)