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	-65	10		-43	10		-66	10
CRYOGENIC TEDS	69	2		87	2		75	1
KGG 2015	71	1		84	3		63	3
Killer Maltese	24	6		29	4		32	6
Naperville Weeners	64	3		134	1		34	5
Plainfield Shutouts	-120	12		-145	11		-125	12
Plano Tiburon	-105	11		-180	12		-47	9
Prague Y!	55	4		26	5		42	4
RBI's all day	-3	8		-3	8		3	7
The Giant Squid	45	5		21	6		65	2
Vatican City Popes	9	7		6	7		-4	8
Winterfell Beardsmen	-45	9		-18	9		-71	11

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	-56	10		-91	12		-7	7
CRYOGENIC TEDS	80	2		84	2		77	4
KGG 2015	76	4		34	4		92	2
Killer Maltese	31	6		-35	6		48	5
Naperville Weeners	79	3		-46	7		96	1
Plainfield Shutouts	-112	12		-70	9		-179	11
Plano Tiburon	-95	11		-73	10		-23	9
Prague Y!	85	1		248	1		-182	12
RBI's all day	6	8		65	3		-17	8
The Giant Squid	50	5		24	5		82	3
Vatican City Popes	20	7		-59	8		37	6
Winterfell Beardsmen	-34	9		-83	11		-24	10

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	-130	80	-52	-149	-69	-11	-134	-4	-119	-63	-65
CRYOGENIC TEDS	91	64	96	-30	96	93	50	61	84	85	69
KGG 2015	60	54	116	60	107	80	64	105	40	29	71
Killer Maltese	-17	44	113	-30	-24	54	132	42	-37	-33	24
Naperville Weeners	183	138	106	-67	111	106	70	86	-55	-37	64
Plainfield Shutouts	-75	-192	-134	0	-177	-167	-127	-192	-37	-103	-120
Plano Tiburon	-180	-165	-197	-97	-179	-37	-45	-8	-52	-93	-105
Prague Y!	48	80	-19	238	-6	-154	77	-210	242	254	55
RBI's all day	11	-40	-45	-37	64	-89	-79	55	73	57	-3
The Giant Squid	11	17	1	45	56	119	111	44	29	20	45
Vatican City Popes	57	-45	-19	89	32	54	23	20	-86	-32	9
Winterfell Beardsmen	-60	-35	34	-22	-11	-50	-141	1	-82	-85	-45

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)