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	-67	10		-60	10		-53	10
CRYOGENIC TEDS	51	3		66	3		56	2
KGG 2015	66	1		73	2		66	1
Killer Maltese	26	6		42	4		26	6
Naperville Weeners	56	2		107	1		42	4
Plainfield Shutouts	-108	11		-144	11		-106	12
Plano Tiburon	-109	12		-194	12		-48	9
Prague Y!	47	4		19	8		34	5
RBI's all day	13	8		33	5		7	7
The Giant Squid	38	5		30	7		45	3
Vatican City Popes	20	7		31	6		-8	8
Winterfell Beardsmen	-31	9		-3	9		-62	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		-68	10		1	7
CRYOGENIC TEDS	60	4		66	3		56	4
KGG 2015	70	3		42	4		89	2
Killer Maltese	38	6		-56	8		53	6
Naperville Weeners	71	2		-38	6		104	1
Plainfield Shutouts	-98	11		-39	7		-168	11
Plano Tiburon	-99	12		-64	9		-27	10
Prague Y!	76	1		257	1		-205	12
RBI's all day	23	8		71	2		-17	9
The Giant Squid	43	5		-7	5		63	3
Vatican City Popes	34	7		-88	12		54	5
Winterfell Beardsmen	-18	9		-77	11		-2	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	-155	71	-66	-171	-90	6	-128	-4	-88	-49	-67
CRYOGENIC TEDS	69	42	75	-33	78	69	35	43	66	66	51
KGG 2015	33	52	114	36	95	69	65	110	56	28	66
Killer Maltese	3	61	114	-40	-10	44	138	62	-81	-30	26
Naperville Weeners	146	125	75	-74	81	118	78	90	-48	-29	56
Plainfield Shutouts	-56	-204	-162	23	-153	-156	-116	-181	-9	-68	-108
Plano Tiburon	-202	-179	-198	-74	-199	-31	-55	-23	-28	-100	-109
Prague Y!	47	71	-21	223	-20	-193	65	-216	245	269	47
RBI's all day	30	2	-5	-40	104	-81	-74	46	84	59	13
The Giant Squid	16	17	40	29	48	93	114	32	-12	-2	38
Vatican City Popes	102	-37	1	113	59	81	29	27	-109	-67	20
Winterfell Beardsmen	-33	-22	33	9	9	-19	-152	15	-77	-76	-31

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)