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		-74	10		-37	9
CRYOGENIC TEDS	37	5		41	4		49	3
KGG 2015	76	1		104	2		57	2
Killer Maltese	38	3		66	3		34	5
Naperville Weeners	68	2		118	1		61	1
Plainfield Shutouts	-101	11		-147	11		-92	12
Plano Tiburon	-103	12		-161	12		-59	10
Prague Y!	35	6		4	7		26	6
RBI's all day	5	8		-10	9		24	7
The Giant Squid	38	4		31	5		46	4
Vatican City Popes	6	7		29	6		-32	8
Winterfell Beardsmen	-36	9		-1	8		-77	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	-53	10		-51	9		23	7
CRYOGENIC TEDS	45	6		54	3		49	5
KGG 2015	81	2		43	4		67	3
Killer Maltese	48	4		-33	8		49	4
Naperville Weeners	86	1		-11	6		120	1
Plainfield Shutouts	-89	11		3	5		-173	11
Plano Tiburon	-94	12		-103	11		-31	10
Prague Y!	63	3		230	1		-191	12
RBI's all day	15	8		100	2		-12	8
The Giant Squid	45	5		-17	7		81	2
Vatican City Popes	23	7		-121	12		33	6
Winterfell Beardsmen	-21	9		-95	10		-14	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	-173	45	-66	-168	-102	45	-130	1	-75	-26	-65
CRYOGENIC TEDS	39	28	41	-33	56	56	37	41	53	55	37
KGG 2015	74	63	157	59	123	35	65	99	50	37	76
Killer Maltese	21	98	142	-51	1	45	138	53	-47	-18	38
Naperville Weeners	163	134	84	-94	91	133	87	106	-33	11	68
Plainfield Shutouts	-42	-216	-148	34	-183	-162	-119	-185	24	-19	-101
Plano Tiburon	-179	-145	-158	-88	-162	-42	-24	-21	-63	-144	-103
Prague Y!	18	59	-20	205	-39	-173	54	-210	229	231	35
RBI's all day	0	-39	-61	-33	62	-85	-58	61	110	90	5
The Giant Squid	3	32	33	28	54	122	104	40	-26	-8	38
Vatican City Popes	105	-43	-8	108	62	56	15	10	-139	-102	6
Winterfell Beardsmen	-29	-17	4	34	35	-31	-169	4	-82	-107	-36

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)