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	-40	8		80	4		-122	12
CRYOGENIC TEDS	45	3		117	2		12	7
KGG 2015	94	1		124	1		62	2
Killer Maltese	39	5		-40	8		101	1
Naperville Weeners	61	2		85	3		60	3
Plainfield Shutouts	-70	12		-30	7		-119	11
Plano Tiburon	-50	10		-72	10		-17	8
Prague Y!	-45	9		-143	12		-18	9
RBI's all day	-57	11		-49	9		-80	10
The Giant Squid	43	4		31	5		57	4
Vatican City Popes	-24	7		-106	11		39	5
Winterfell Beardsmen	5	6		3	6		25	6

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	-21	8		-167	12		-61	10
CRYOGENIC TEDS	58	3		52	4		3	7
KGG 2015	111	1		-48	9		144	1
Killer Maltese	53	4		142	1		45	5
Naperville Weeners	71	2		3	7		101	2
Plainfield Shutouts	-57	12		-131	11		-135	11
Plano Tiburon	-41	10		-11	8		-18	8
Prague Y!	-25	9		123	2		-187	12
RBI's all day	-46	11		-76	10		-46	9
The Giant Squid	53	5		24	6		66	4
Vatican City Popes	-11	7		33	5		71	3
Winterfell Beardsmen	15	6		55	3		19	6

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	13	139	76	-110	93	-87	-156	-35	-212	-122	-40
CRYOGENIC TEDS	100	187	85	-77	95	-43	-51	48	50	54	45
KGG 2015	146	54	132	134	163	158	119	130	-35	-61	94
Killer Maltese	-74	-6	11	45	-91	24	132	66	184	99	39
Naperville Weeners	204	42	34	-32	61	91	93	110	-3	10	61
Plainfield Shutouts	-39	-79	53	12	-54	-132	-64	-139	-73	-189	-70
Plano Tiburon	-108	-91	-41	-132	-49	-43	-25	7	28	-50	-50
Prague Y!	-51	-103	-228	211	-191	-154	40	-220	118	128	-45
RBI's all day	-56	-115	-18	23	-7	-43	-156	-50	-64	-88	-57
The Giant Squid	1	66	-8	23	66	91	106	41	-40	88	43
Vatican City Popes	-108	-91	-139	-10	-86	113	-12	29	3	63	-24
Winterfell Beardsmen	-27	-6	43	-88	1	24	-25	14	43	68	5

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)