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	-33	8		57	4		-91	11
CRYOGENIC TEDS	50	3		107	3		30	5
KGG 2015	105	1		123	1		81	2
Killer Maltese	35	4		-51	9		104	1
Naperville Weeners	76	2		113	2		67	3
Plainfield Shutouts	-88	12		-51	8		-137	12
Plano Tiburon	-87	11		-89	10		-70	10
Prague Y!	-43	10		-149	12		-2	8
RBI's all day	-37	9		-22	7		-58	9
The Giant Squid	35	5		28	6		39	4
Vatican City Popes	-21	7		-95	11		27	6
Winterfell Beardsmen	8	6		30	5		10	7

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	-18	8		-119	11		-35	8
CRYOGENIC TEDS	64	3		74	3		26	7
KGG 2015	118	1		-10	8		161	1
Killer Maltese	51	4		143	2		46	5
Naperville Weeners	88	2		33	4		89	2
Plainfield Shutouts	-76	11		-149	12		-144	11
Plano Tiburon	-79	12		-111	10		-44	9
Prague Y!	-24	9		153	1		-180	12
RBI's all day	-25	10		-15	9		-57	10
The Giant Squid	44	5		-8	7		54	3
Vatican City Popes	-6	7		10	5		48	4
Winterfell Beardsmen	19	6		2	6		38	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	2	117	61	-102	48	-63	-146	-8	-167	-72	-33
CRYOGENIC TEDS	104	160	70	-79	96	-26	-51	78	73	75	50
KGG 2015	125	84	133	152	148	176	105	146	-7	-12	105
Killer Maltese	-80	-2	-14	37	-109	47	140	44	176	109	35
Naperville Weeners	212	84	74	-33	82	84	93	93	34	31	76
Plainfield Shutouts	-54	-99	19	13	-71	-136	-99	-153	-102	-197	-88
Plano Tiburon	-141	-120	-44	-160	-52	-63	-39	-26	-75	-148	-87
Prague Y!	-75	-110	-212	175	-198	-154	45	-206	156	149	-43
RBI's all day	-18	-88	-10	13	27	-63	-146	-51	-8	-23	-37
The Giant Squid	2	41	7	37	61	84	105	25	-51	35	35
Vatican City Popes	-54	-99	-158	37	-71	84	21	11	6	13	-21
Winterfell Beardsmen	-23	31	74	-91	39	29	-27	46	-35	39	8

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)