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	20	5		29	6		13	6
Bayside Tigers	-64	13		-19	10		-106	13
CRYOGENIC TEDS	47	3		99	2		37	4
jax suns	16	6		12	7		-5	8
KGG 2013	9	8		-115	13		117	1
Killer Maltese	-38	11		-109	12		5	7
Naperville Lunchbox	62	2		69	3		107	2
Plainfield Shutouts	-54	12		-119	14		-13	9
Plano Tiburon	70	1		43	4		90	3
RBI's all day	-103	14		-99	11		-118	14
The Flying Penguins	-2	9		0	8		-45	10
The Hills Have RBIs	-22	10		30	5		-55	11
The Lazy Robot	46	4		185	1		-63	12
Vatican City Popes	14	7		-7	9		36	5

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	28	6		77	2		-45	10
Bayside Tigers	-50	13		-146	14		-139	14
CRYOGENIC TEDS	65	4		-9	8		10	4
jax suns	24	7		24	6		-22	9
KGG 2013	29	5		30	5		202	1
Killer Maltese	-26	11		21	7		1	6
Naperville Lunchbox	90	1		60	3		188	2
Plainfield Shutouts	-43	12		-33	10		-9	8
Plano Tiburon	78	2		222	1		1	7
RBI's all day	-89	14		-123	13		-56	11
The Flying Penguins	11	9		-12	9		-91	13
The Hills Have RBIs	-10	10		-83	12		10	5
The Lazy Robot	66	3		-70	11		-67	12
Vatican City Popes	23	8		43	4		15	3

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	47	-53	43	11	80	-43	4	-46	51	103	20
Bayside Tigers	-50	52	-27	-37	-51	-162	40	-116	-194	-99	-64
CRYOGENIC TEDS	168	66	51	-115	112	-10	182	30	15	-32	47
jax suns	102	-4	-53	137	5	-60	-31	17	53	-5	16
KGG 2013	-177	-60	-75	-37	-150	261	123	144	67	-8	9
Killer Maltese	-86	-102	-149	31	-100	24	-20	-21	45	-3	-38
Naperville Lunchbox	-32	151	117	-193	41	126	40	250	72	48	62
Plainfield Shutouts	-50	-152	-153	1	-120	41	16	-58	-25	-41	-54
Plano Tiburon	47	-4	51	79	77	7	4	-5	194	249	70
RBI's all day	-147	-88	-64	-47	-97	-60	-233	-51	-85	-162	-103
The Flying Penguins	23	-39	-16	205	33	-60	-20	-121	43	-66	-2
The Hills Have RBIs	-32	101	25	-67	26	24	-126	-5	-103	-63	-22
The Lazy Robot	126	193	221	40	199	-60	-43	-73	-131	-10	46
Vatican City Popes	59	-60	29	-8	-54	-27	64	57	-3	89	14

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)