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	-18	9		-47	11		2	9
Bayside Tigers	-43	12		18	8		-85	12
CRYOGENIC TEDS	65	1		99	1		63	3
jax suns	32	5		50	5		10	8
KGG 2013	28	6		-70	12		125	1
Killer Maltese	-32	11		-152	13		46	5
Naperville Lunchbox	37	4		48	6		72	2
Plainfield Shutouts	-53	13		-173	14		28	6
Plano Tiburon	53	2		65	3		48	4
RBI's all day	-87	14		-36	10		-136	14
The Flying Penguins	48	3		39	7		14	7
The Hills Have RBIs	-5	7		64	4		-46	11
The Lazy Robot	-19	10		84	2		-114	13
Vatican City Popes	-6	8		10	9		-25	10

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	-11	10		77	2		-46	11
Bayside Tigers	-34	12		-131	13		-113	13
CRYOGENIC TEDS	79	1		-3	9		54	4
jax suns	39	6		12	8		32	5
KGG 2013	45	5		71	4		180	1
Killer Maltese	-17	11		34	5		80	3
Naperville Lunchbox	61	3		26	7		136	2
Plainfield Shutouts	-35	13		33	6		11	6
Plano Tiburon	65	2		154	1		-44	9
RBI's all day	-70	14		-204	14		-44	9
The Flying Penguins	61	4		73	3		-34	8
The Hills Have RBIs	11	7		-25	11		-20	7
The Lazy Robot	-4	9		-105	12		-146	14
Vatican City Popes	4	8		-11	10		-48	12

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	-78	-81	-20	-1	-8	-27	-53	-65	27	128	-18
Bayside Tigers	57	67	-39	-83	-11	-117	64	-109	-130	-132	-43
CRYOGENIC TEDS	158	67	23	-55	149	40	210	69	-9	4	65
jax suns	133	42	-27	67	52	-27	-39	91	28	-3	32
KGG 2013	-78	-69	-8	-69	-124	243	122	118	122	20	28
Killer Maltese	-171	-130	-163	53	-143	108	5	51	73	-6	-32
Naperville Lunchbox	-95	153	122	-178	14	40	34	232	48	4	37
Plainfield Shutouts	-95	-192	-213	26	-193	63	49	-40	44	22	-53
Plano Tiburon	65	18	66	26	113	-27	20	-60	143	165	53
RBI's all day	-36	-56	-14	-42	-39	-27	-185	-60	-169	-240	-87
The Flying Penguins	133	-32	-20	257	77	-5	-9	-62	99	46	48
The Hills Have RBIs	31	141	48	-69	36	-5	-141	-35	-71	20	-5
The Lazy Robot	-2	79	160	40	99	-162	-68	-129	-137	-74	-19
Vatican City Popes	-19	-7	85	26	-19	-95	-9	-1	-68	46	-6

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)