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	17	6		48	4		-9	7
Bayside Tigers	-54	12		-5	9		-97	14
CRYOGENIC TEDS	43	3		90	2		33	5
jax suns	1	9		-2	8		-23	9
KGG 2013	25	5		-79	11		119	1
Killer Maltese	-57	13		-119	13		-22	8
Naperville Lunchbox	69	1		81	3		111	2
Plainfield Shutouts	-43	11		-106	12		-4	6
Plano Tiburon	57	2		12	7		92	3
RBI's all day	-102	14		-138	14		-80	13
The Flying Penguins	11	8		21	6		-39	10
The Hills Have RBIs	-23	10		34	5		-56	11
The Lazy Robot	42	4		171	1		-63	12
Vatican City Popes	16	7		-7	10		36	4

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	26	6		30	5		-64	12
Bayside Tigers	-40	12		-133	14		-126	14
CRYOGENIC TEDS	58	4		-24	9		0	7
jax suns	7	9		8	6		-40	9
KGG 2013	45	5		55	3		184	2
Killer Maltese	-43	13		-42	11		12	4
Naperville Lunchbox	98	1		66	2		205	1
Plainfield Shutouts	-32	11		-17	8		-1	8
Plano Tiburon	67	2		234	1		9	6
RBI's all day	-89	14		-38	10		-59	11
The Flying Penguins	24	7		1	7		-84	13
The Hills Have RBIs	-15	10		-100	13		11	5
The Lazy Robot	64	3		-79	12		-59	10
Vatican City Popes	24	8		38	4		12	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	87	-57	46	15	117	-70	25	-57	-2	61	17
Bayside Tigers	-22	74	-35	-37	-35	-135	35	-118	-178	-88	-54
CRYOGENIC TEDS	162	67	35	-97	94	-22	215	22	-6	-42	43
jax suns	81	-18	-50	128	-22	-54	-49	-25	51	-36	1
KGG 2013	-148	-24	-20	-28	-122	253	120	115	91	18	25
Killer Maltese	-68	-116	-183	15	-111	27	-49	-3	-4	-79	-57
Naperville Lunchbox	-5	152	124	-193	52	140	14	270	93	40	69
Plainfield Shutouts	-34	-142	-135	15	-116	59	14	-62	-11	-23	-43
Plano Tiburon	35	-37	13	59	39	10	-28	7	197	271	57
RBI's all day	-212	-109	-98	-63	-135	-54	-207	-63	8	-83	-102
The Flying Penguins	18	-11	20	215	57	-54	-28	-113	58	-55	11
The Hills Have RBIs	-45	93	50	-89	37	27	-102	-4	-99	-101	-23
The Lazy Robot	104	185	205	50	190	-87	-38	-31	-159	1	42
Vatican City Popes	47	-57	28	7	-45	-38	78	62	-39	115	16

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)