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	5		55	5		27	5
Bayside Tigers	-21	9		-58	10		26	6
CRYOGENIC TEDS	46	3		56	4		64	4
jax suns	-48	13		-60	12		-73	13
KGG 2013	10	7		-93	13		99	1
Killer Maltese	-35	11		-41	8		-44	11
Naperville Lunchbox	46	4		44	6		90	3
Plainfield Shutouts	-47	12		-49	9		-58	12
Plano Tiburon	81	2		83	2		95	2
RBI's all day	-118	14		-121	14		-126	14
The Flying Penguins	-25	10		-59	11		-41	10
The Hills Have RBIs	11	6		75	3		-41	9
The Lazy Robot	87	1		190	1		-8	7
Vatican City Popes	-19	8		-22	7		-10	8

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	44	5		50	3		-31	9
Bayside Tigers	-8	9		164	2		-127	14
CRYOGENIC TEDS	61	4		25	5		59	5
jax suns	-40	12		-35	9		-111	12
KGG 2013	28	6		41	4		137	2
Killer Maltese	-29	11		-45	10		-18	7
Naperville Lunchbox	69	3		20	6		183	1
Plainfield Shutouts	-41	13		-72	11		-43	10
Plano Tiburon	93	2		177	1		70	4
RBI's all day	-106	14		-120	14		-85	11
The Flying Penguins	-14	10		0	7		-114	13
The Hills Have RBIs	26	7		-114	13		19	6
The Lazy Robot	109	1		-17	8		-18	8
Vatican City Popes	-6	8		-75	12		78	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	162	-66	12	-31	112	-36	97	-25	41	59	33
Bayside Tigers	-102	37	-84	-105	-83	-138	54	-116	136	192	-21
CRYOGENIC TEDS	96	12	62	-85	55	67	153	51	26	24	46
jax suns	-5	-61	-98	121	-76	-99	-75	-123	15	-85	-48
KGG 2013	-48	-61	-112	-21	-152	178	141	97	84	-1	10
Killer Maltese	-1	-75	-87	33	-2	-20	-93	-17	-38	-52	-35
Naperville Lunchbox	-48	144	64	-164	15	138	42	228	54	-15	46
Plainfield Shutouts	-44	-71	-51	18	-31	-4	-62	-82	-100	-44	-47
Plano Tiburon	81	27	106	8	117	43	-19	97	201	153	81
RBI's all day	-227	-95	-40	-71	-120	-91	-222	-80	-63	-176	-118
The Flying Penguins	-56	-90	-98	195	7	-123	24	-105	1	-0	-25
The Hills Have RBIs	26	119	100	13	55	36	-13	2	-100	-127	11
The Lazy Robot	116	226	224	146	195	-67	30	30	-114	81	87
Vatican City Popes	49	-46	1	-56	-91	115	-56	42	-142	-9	-19

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)