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	9	7		5	8		11	7
Bayside Tigers	-66	13		-15	9		-107	13
CRYOGENIC TEDS	61	1		103	2		60	4
jax suns	22	6		10	7		12	6
KGG 2013	24	5		-94	13		133	1
Killer Maltese	-32	11		-83	11		-3	9
Naperville Lunchbox	52	3		50	4		99	2
Plainfield Shutouts	-57	12		-137	14		-3	8
Plano Tiburon	58	2		38	5		66	3
RBI's all day	-97	14		-93	12		-109	14
The Flying Penguins	5	9		16	6		-47	10
The Hills Have RBIs	-14	10		66	3		-68	11
The Lazy Robot	28	4		150	1		-71	12
Vatican City Popes	7	8		-18	10		27	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	18	7	95	2	-49	11
Bayside Tigers	-51	13	-154	14	-121	14
CRYOGENIC TEDS	79	1	29	6	42	3
jax suns	33	6	27	7	9	5
KGG 2013	42	5	59	3	208	1
Killer Maltese	-21	11	-23	9	25	4
Naperville Lunchbox	77	2	35	5	177	2
Plainfield Shutouts	-45	12	-4	8	-12	7
Plano Tiburon	70	3	204	1	-48	10
RBI's all day	-81	14	-112	13	-41	9
The Flying Penguins	17	9	-31	10	-83	13
The Hills Have RBIs	-1	10	-83	12	-25	8
The Lazy Robot	45	4	-80	11	-75	12
Vatican City Popes	18	8	38	4	-6	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	-44	-67	60	11	74	-27	-34	-71	68	121	9
Bayside Tigers	-29	69	-46	-63	-55	-142	17	-101	-195	-113	-66
CRYOGENIC TEDS	203	60	26	-106	124	30	159	54	50	8	61
jax suns	111	1	-75	118	3	-46	-8	64	71	-18	22
KGG 2013	-114	-76	-51	-53	-134	278	133	138	96	22	24
Killer Maltese	-44	-84	-132	22	-70	49	-21	1	14	-59	-32
Naperville Lunchbox	-83	145	122	-170	18	106	69	248	56	14	52
Plainfield Shutouts	-52	-169	-170	-10	-155	30	17	-54	7	-16	-57
Plano Tiburon	18	-8	45	97	97	-46	17	-50	168	241	58
RBI's all day	-184	-67	-27	-53	-95	-27	-240	-56	-66	-159	-97
The Flying Penguins	95	-33	-41	225	45	-65	-8	-101	5	-67	5
The Hills Have RBIs	18	145	31	-63	70	-27	-124	-23	-130	-36	-14
The Lazy Robot	64	153	217	33	163	-65	-47	-84	-132	-28	28
Vatican City Popes	41	-67	40	11	-84	-46	69	34	-13	90	7

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)