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		12	6		30	5
Bayside Tigers	-28	10		-69	12		23	6
CRYOGENIC TEDS	25	4		31	5		44	4
jax suns	-37	13		-53	11		-63	13
KGG 2013	18	5		-76	13		99	2
Killer Maltese	-34	11		-44	10		-37	9
Naperville Lunchbox	61	3		62	4		99	1
Plainfield Shutouts	-36	12		-33	9		-52	12
Plano Tiburon	72	2		65	3		97	3
RBI's all day	-133	14		-124	14		-150	14
The Flying Penguins	-10	8		-17	7		-43	11
The Hills Have RBIs	13	7		79	2		-40	10
The Lazy Robot	91	1		200	1		-4	7
Vatican City Popes	-21	9		-32	8		-5	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	30	6		46	5		-32	9
Bayside Tigers	-16	10		156	2		-120	13
CRYOGENIC TEDS	38	4		-17	8		64	5
jax suns	-26	11		-15	7		-122	14
KGG 2013	35	5		47	3		131	2
Killer Maltese	-27	12		-36	11		-12	8
Naperville Lunchbox	83	2		46	4		183	1
Plainfield Shutouts	-28	13		-25	10		-60	10
Plano Tiburon	83	3		177	1		70	4
RBI's all day	-119	14		-170	14		-94	11
The Flying Penguins	2	8		-15	6		-109	12
The Hills Have RBIs	27	7		-106	13		15	6
The Lazy Robot	114	1		-24	9		-7	7
Vatican City Popes	-10	9		-65	12		92	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	131	-96	-55	-25	69	-45	123	-19	25	67	17
Bayside Tigers	-114	34	-88	-117	-110	-136	43	-103	143	170	-28
CRYOGENIC TEDS	43	26	41	-96	15	59	128	69	-26	-8	25
jax suns	59	-76	-113	160	-81	-115	-42	-129	45	-75	-37
KGG 2013	-33	-64	-80	-8	-128	157	138	105	73	22	18
Killer Maltese	13	-84	-95	22	-10	-3	-89	-20	-29	-42	-34
Naperville Lunchbox	-33	143	111	-138	27	157	38	209	73	20	61
Plainfield Shutouts	-68	-27	-35	34	-3	-17	-89	-102	-36	-14	-36
Plano Tiburon	55	9	93	-20	103	52	-10	88	204	149	72
RBI's all day	-260	-96	-22	-79	-120	-94	-222	-94	-116	-225	-133
The Flying Penguins	28	-56	-75	181	35	-115	33	-102	-16	-13	-10
The Hills Have RBIs	32	107	103	13	73	24	-15	5	-110	-103	13
The Lazy Robot	120	233	224	131	222	-45	43	31	-112	65	91
Vatican City Popes	28	-52	-10	-58	-93	122	-79	62	-118	-12	-21

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)