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	-16	9		-79	11		28	6
Bayside Tigers	-40	12		47	5		-103	12
CRYOGENIC TEDS	62	2		73	3		81	2
jax suns	69	1		112	1		31	5
KGG 2013	26	6		-88	12		129	1
Killer Maltese	-26	11		-126	13		34	4
Naperville Lunchbox	30	5		21	7		77	3
Plainfield Shutouts	-64	13		-176	14		4	9
Plano Tiburon	34	4		66	4		15	8
RBI's all day	-74	14		-16	10		-129	14
The Flying Penguins	43	3		21	8		23	7
The Hills Have RBIs	-19	10		41	6		-47	11
The Lazy Robot	-11	7		89	2		-104	13
Vatican City Popes	-15	8		15	9		-38	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	-5	8		114	1		-22	9
Bayside Tigers	-24	12		-170	13		-136	14
CRYOGENIC TEDS	77	2		50	7		57	4
jax suns	82	1		51	6		49	5
KGG 2013	46	5		51	5		191	1
Killer Maltese	-13	11		18	8		65	3
Naperville Lunchbox	52	4		54	4		137	2
Plainfield Shutouts	-47	13		1	9		-7	7
Plano Tiburon	46	6		102	2		-67	12
RBI's all day	-60	14		-174	14		-65	11
The Flying Penguins	55	3		86	3		-14	8
The Hills Have RBIs	-6	9		-46	11		-4	6
The Lazy Robot	4	7		-97	12		-126	13
Vatican City Popes	-7	10		-39	10		-58	10

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	-96	-113	-78	15	-29	4	-44	-48	70	158	-16
Bayside Tigers	86	77	-4	-76	30	-170	97	-101	-159	-182	-40
CRYOGENIC TEDS	67	92	11	-76	122	33	191	80	31	68	62
jax suns	192	92	48	92	116	4	-44	94	64	37	69
KGG 2013	-58	-98	-41	-31	-157	237	160	146	120	-17	26
Killer Maltese	-134	-98	-145	76	-127	91	3	38	53	-17	-26
Naperville Lunchbox	-125	121	114	-168	-26	62	3	212	49	59	30
Plainfield Shutouts	-96	-200	-212	46	-195	33	35	-48	28	-26	-64
Plano Tiburon	29	19	114	0	102	-54	3	-80	107	96	34
RBI's all day	-48	4	-12	-31	-8	-25	-169	-106	-143	-204	-74
The Flying Penguins	134	-69	-26	229	45	4	-28	-32	92	79	43
The Hills Have RBIs	19	106	18	-122	21	4	-137	-11	-95	3	-19
The Lazy Robot	58	63	151	61	84	-141	-75	-111	-132	-63	-11
Vatican City Popes	-29	4	62	-15	21	-83	3	-32	-87	8	-15

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)