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	34	5		38	6		41	5
Bayside Tigers	-45	12		-16	8		-60	12
CRYOGENIC TEDS	53	4		62	3		70	4
jax suns	-34	11		-20	10		-83	14
KGG 2013	-8	8		-103	13		71	3
Killer Maltese	-64	13		-102	12		-46	10
Naperville Lunchbox	57	3		80	2		83	2
Plainfield Shutouts	-33	10		-70	11		-12	7
Plano Tiburon	81	1		57	4		106	1
RBI's all day	-110	14		-153	14		-82	13
The Flying Penguins	24	6		28	7		-15	8
The Hills Have RBIs	-14	9		45	5		-55	11
The Lazy Robot	61	2		171	1		-37	9
Vatican City Popes	-0	7		-18	9		21	6

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	46	5		112	2		-32	9
Bayside Tigers	-31	12		-11	6		-147	14
CRYOGENIC TEDS	66	4		40	4		39	5
jax suns	-23	11		-81	13		-100	12
KGG 2013	7	8		-29	9		136	2
Killer Maltese	-56	13		-53	12		-14	7
Naperville Lunchbox	82	3		-10	5		199	1
Plainfield Shutouts	-22	10		-13	7		-15	8
Plano Tiburon	93	1		220	1		56	4
RBI's all day	-97	14		-21	8		-69	11
The Flying Penguins	39	6		54	3		-106	13
The Hills Have RBIs	-1	9		-129	14		18	6
The Lazy Robot	86	2		-48	11		-39	10
Vatican City Popes	10	7		-30	10		74	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	128	-76	2	-26	100	-6	47	-58	76	148	34
Bayside Tigers	-25	60	-58	-85	-42	-171	13	-122	-50	28	-45
CRYOGENIC TEDS	153	13	45	-72	38	35	190	42	48	32	53
jax suns	41	-11	-55	158	-58	-102	-54	-98	-26	-136	-34
KGG 2013	-127	-46	-94	-26	-143	159	140	113	13	-71	-8
Killer Maltese	-86	-93	-141	-6	-87	-20	-96	-8	-50	-57	-64
Naperville Lunchbox	16	166	85	-164	54	145	39	253	32	-53	57
Plainfield Shutouts	-30	-129	-58	14	-65	35	-4	-66	-30	4	-33
Plano Tiburon	77	24	38	53	88	63	-20	49	226	215	81
RBI's all day	-228	-117	-121	-79	-145	-75	-231	-62	40	-83	-110
The Flying Penguins	36	-17	12	198	82	-116	30	-97	102	6	24
The Hills Have RBIs	-30	95	78	-46	35	49	-54	-13	-125	-134	-14
The Lazy Robot	47	195	244	112	197	-88	-12	10	-165	69	61
Vatican City Popes	26	-64	22	-32	-55	90	13	58	-92	32	-0

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)