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	93	1		156	1		48	5
Boston Poindexters	71	2		-20	9		126	1
CRYOGENIC TEDS	2	7		73	5		-45	11
KGG Baseball '17	25	6		-20	8		84	2
Killer Maltese	-43	11		-91	12		-39	10
Luis's Legit Team	-78	13		-157	14		-50	12
Naperville Roses	67	3		100	2		76	3
Notorious BE AR D	25	5		73	4		4	6
Plainfield Shutouts	-82	14		-83	11		-82	13
Plano Tiburon	-4	8		-55	10		56	4
RBI's all day	-21	9		-8	7		-18	7
The Planet Bandits	-26	10		63	6		-96	14
Thomas's Okay Team	-64	12		-113	13		-39	9
Vatican City Popes	35	4		81	3		-25	8

Week 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	107	1		21	7		65	3
Boston Poindexters	85	3		171	1		96	1
CRYOGENIC TEDS	20	7		-164	14		34	7
KGG Baseball '17	38	5		123	2		58	4
Killer Maltese	-34	11		-102	12		3	9
Luis's Legit Team	-64	13		71	3		-130	13
Naperville Roses	87	2		64	4		84	2
Notorious BE AR D	35	6		-24	9		22	8
Plainfield Shutouts	-71	14		25	6		-154	14
Plano Tiburon	8	8		60	5		54	5
RBI's all day	-13	9		-25	10		-13	10
The Planet Bandits	-16	10		-96	11		-96	12
Thomas's Okay Team	-54	12		13	8		-73	11
Vatican City Popes	55	4		-136	13		49	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	134	138	170	72	183	-26	181	41	-0	43	93
Boston Poindexters	43	-41	-58	155	-24	167	31	91	159	183	71
CRYOGENIC TEDS	80	109	54	-48	48	-9	63	48	-163	-165	2
KGG Baseball '17	-58	-29	1	-90	6	26	85	64	146	100	25
Killer Maltese	-72	-58	-121	134	-114	26	-1	-17	-110	-95	-43
Luis's Legit Team	-109	-196	-199	98	-124	-79	-118	-192	91	50	-78
Naperville Roses	94	92	126	-111	88	149	10	92	45	83	67
Notorious BE AR D	-0	97	84	-59	111	9	106	-47	-52	3	25
Plainfield Shutouts	-141	-64	-45	-80	-82	-184	-129	-148	4	47	-82
Plano Tiburon	-112	-23	-15	-106	-70	132	-97	128	72	48	-4
RBI's all day	-23	-18	-10	-85	20	26	-86	20	-38	-12	-21
The Planet Bandits	54	120	73	-33	5	-79	-118	-91	-89	-104	-26
Thomas's Okay Team	-72	-133	-95	9	-150	-97	-33	-91	55	-30	-64
Vatican City Popes	183	5	34	145	103	-61	106	103	-120	-151	35

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)