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	79	1		157	1		18	7
Boston Poindexters	28	5		-39	10		55	3
CRYOGENIC TEDS	-7	8		35	5		-24	9
KGG Baseball '17	26	6		-20	7		88	1
Killer Maltese	-21	9		-58	11		-15	8
Luis's Legit Team	-86	13		-164	14		-66	12
Naperville Roses	72	2		145	2		50	4
Notorious BE AR D	65	3		130	3		34	6
Plainfield Shutouts	-88	14		-111	13		-70	13
Plano Tiburon	19	7		-38	9		85	2
RBI's all day	-33	10		-30	8		-31	10
The Planet Bandits	-61	12		18	6		-128	14
Thomas's Okay Team	-43	11		-60	12		-37	11
Vatican City Popes	49	4		36	4		41	5

Week	**21**	

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	97	1		17	7		18	8
Boston Poindexters	40	5		130	1		5	9
CRYOGENIC TEDS	7	8		-131	13		47	5
KGG Baseball '17	40	6		103	3		78	2
Killer Maltese	-12	9		-71	12		22	7
Luis's Legit Team	-72	13		76	4		-161	14
Naperville Roses	92	2		41	6		57	4
Notorious BE AR D	77	3		16	8		47	6
Plainfield Shutouts	-78	14		49	5		-150	13
Plano Tiburon	33	7		118	2		62	3
RBI's all day	-27	10		-69	11		-5	10
The Planet Bandits	-46	12		-192	14		-85	12
Thomas's Okay Team	-38	11		-21	9		-47	11
Vatican City Popes	62	4		-65	10		112	1

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	169	149	128	74	183	-78	139	-5	-8	43	79
Boston Poindexters	-3	-80	-45	163	-27	1	10	4	133	128	28
CRYOGENIC TEDS	53	75	22	-89	-9	103	-37	75	-136	-126	-7
KGG Baseball '17	-82	-6	21	-99	-13	64	102	68	114	93	26
Killer Maltese	-51	-40	-93	103	-49	32	0	34	-47	-96	-21
Luis's Legit Team	-117	-191	-203	133	-147	-125	-152	-204	110	42	-86
Naperville Roses	134	155	150	-109	139	56	51	63	32	49	72
Notorious BE AR D	86	115	165	-46	155	-15	167	-12	-26	57	65
Plainfield Shutouts	-150	-80	-81	-85	-132	-181	-101	-168	4	94	-88
Plano Tiburon	-100	-3	-0	-75	-51	182	-97	102	133	102	19
RBI's all day	-41	-63	-14	-62	-2	16	-32	1	-91	-48	-33
The Planet Bandits	27	68	5	-39	-28	-62	-138	-55	-186	-199	-61
Thomas's Okay Team	-41	-67	-65	-9	-68	-94	19	-65	27	-70	-43
Vatican City Popes	117	-33	10	140	49	103	70	163	-60	-70	49

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)