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	91	1		162	1		38	5
Boston Poindexters	52	4		-32	8		105	1
CRYOGENIC TEDS	-4	8		50	5		-38	9
KGG Baseball '17	21	5		-38	9		88	2
Killer Maltese	-9	9		-52	10		-4	7
Luis's Legit Team	-76	13		-144	14		-59	11
Naperville Roses	87	2		143	2		83	3
Notorious BE AR D	19	6		77	4		-10	8
Plainfield Shutouts	-84	14		-118	13		-59	12
Plano Tiburon	-4	7		-67	11		62	4
RBI's all day	-39	10		0	7		-62	13
The Planet Bandits	-41	11		38	6		-106	14
Thomas's Okay Team	-67	12		-96	12		-52	10
Vatican City Popes	55	3		77	3		15	6

Week	**14**

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	2		31	7		43	6
Boston Poindexters	66	4		166	1		63	3
CRYOGENIC TEDS	11	7		-136	14		27	8
KGG Baseball '17	33	6		134	2		58	5
Killer Maltese	0	9		-61	10		34	7
Luis's Legit Team	-65	13		50	6		-132	13
Naperville Roses	110	1		70	4		92	1
Notorious BE AR D	33	5		-58	9		22	9
Plainfield Shutouts	-75	14		72	3		-147	14
Plano Tiburon	10	8		60	5		63	4
RBI's all day	-30	10		-99	12		-38	10
The Planet Bandits	-32	11		-116	13		-98	12
Thomas's Okay Team	-62	12		-24	8		-71	11
Vatican City Popes	74	3		-89	11		84	2

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	138	166	167	75	176	-51	176	3	-2	63	91
Boston Poindexters	13	-76	-35	121	-28	95	30	66	151	182	52
CRYOGENIC TEDS	56	80	46	-52	19	55	-19	46	-136	-136	-4
KGG Baseball '17	-91	-44	6	-85	-22	55	51	68	159	109	21
Killer Maltese	-34	-19	-92	142	-65	81	9	11	-54	-69	-9
Luis's Legit Team	-95	-171	-182	108	-128	-104	-109	-181	66	35	-76
Naperville Roses	120	146	167	-119	139	148	44	86	46	93	87
Notorious BE AR D	25	68	97	-69	117	-11	120	-42	-108	-8	19
Plainfield Shutouts	-163	-97	-84	-77	-128	-170	-109	-160	66	78	-84
Plano Tiburon	-122	-39	-33	-77	-73	148	-95	136	78	42	-4
RBI's all day	3	-15	-16	-77	29	-11	-102	-1	-122	-75	-39
The Planet Bandits	46	96	17	-35	-9	-104	-123	-67	-107	-126	-41
Thomas's Okay Team	-60	-109	-99	-26	-115	-104	-12	-98	30	-77	-67
Vatican City Popes	165	14	41	171	89	-25	141	136	-67	-112	55

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)