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	-71	13		-88	13		-80	14
Boston Poindexters	-36	10		-45	9		-8	8
CRYOGENIC TEDS	-27	9		2	5		-43	11
KGG Baseball 2016	-48	11		-61	11		-40	10
Killer Maltese	-6	8		-33	8		26	4
Luis's Legit Team	-91	14		-126	14		-61	12
Naperville Flowers	151	1		191	1		142	1
Notorious BE AR D	59	3		120	3		25	5
Plainfield Shutouts	-5	7		-23	7		-0	7
Plano Tiburon	14	6		-74	12		87	2
RBI's all day	20	5		-18	6		37	3
The Savannah Bannana	27	4		121	2		-31	9
Thomas's Okay Team	-54	12		-50	10		-69	13
Vatican City Popes	67	2		82	4		15	6

Week	**3**

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	-62	13		-100	12		-66	12
Boston Poindexters	-24	10		-13	10		-38	11
CRYOGENIC TEDS	-14	9		-113	13		77	3
KGG Baseball 2016	-41	12		-97	11		4	7
Killer Maltese	2	7		-4	8		63	4
Luis's Legit Team	-78	14		-8	9		-125	13
Naperville Flowers	170	1		211	1		150	1
Notorious BE AR D	74	3		29	6		-36	10
Plainfield Shutouts	-1	8		43	4		-24	9
Plano Tiburon	28	6		107	2		27	5
RBI's all day	33	5		36	5		25	6
The Savannah Bannana	54	4		-150	14		81	2
Thomas's Okay Team	-39	11		57	3		-131	14
Vatican City Popes	76	2		1	7		-8	8

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	-11	-125	-129	43	-85	-150	-66	19	-120	-81	-71
Boston Poindexters	-91	16	-43	-144	-62	-79	63	3	-28	1	-36
CRYOGENIC TEDS	-11	16	17	-61	-12	64	-144	90	-139	-87	-27
KGG Baseball 2016	-46	-78	-69	-40	-49	-79	-15	86	-79	-115	-48
Killer Maltese	-37	31	-43	-61	-82	-8	11	134	-6	-2	-6
Luis's Legit Team	-197	-63	-89	-102	-155	-43	-41	-207	-29	13	-91
Naperville Flowers	193	203	196	43	170	206	-15	94	254	168	151
Notorious BE AR D	78	78	210	-19	114	-79	140	7	18	41	59
Plainfield Shutouts	-29	-16	-23	43	-26	-43	-41	-5	22	65	-5
Plano Tiburon	-91	-109	-69	1	-26	64	166	-9	80	135	14
RBI's all day	25	-94	17	84	-19	135	63	-84	5	68	20
The Savannah Bannana	122	156	64	-61	144	99	-15	62	-88	-212	27
Thomas's Okay Team	-11	-78	-63	1	-49	-79	-195	-183	94	19	-54
Vatican City Popes	105	63	24	271	137	-8	88	-9	16	-14	67

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)