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	-78	14		-70	12		-101	14
Boston Poindexters	-49	13		-29	8		-57	13
CRYOGENIC TEDS	-27	11		-50	11		-5	6
KGG Baseball 2016	-29	12		-42	9		-26	12
Killer Maltese	43	3		84	5		29	4
Luis's Legit Team	-26	10		-100	13		36	3
Naperville Flowers	100	1		102	3		108	1
Notorious BE AR D	25	4		102	2		-5	7
Plainfield Shutouts	-3	7		21	6		-24	11
Plano Tiburon	-17	8		-141	14		69	2
RBI's all day	-17	9		-48	10		-6	8
The Savannah Bannana	24	5		109	1		-21	10
Thomas's Okay Team	-2	6		-28	7		17	5
Vatican City Popes	58	2		91	4		-14	9

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	-71	14		-104	13		-102	14
Boston Poindexters	-42	13		-43	9		-83	13
CRYOGENIC TEDS	-12	11		-39	7		108	2
KGG Baseball 2016	-19	12		-42	8		-38	10
Killer Maltese	54	3		27	5		-3	6
Luis's Legit Team	-11	10		143	2		-37	9
Naperville Flowers	116	1		128	3		126	1
Notorious BE AR D	49	4		-47	10		-78	12
Plainfield Shutouts	6	7		-56	11		-21	7
Plano Tiburon	3	8		74	4		83	3
RBI's all day	-2	9		3	6		-34	8
The Savannah Bannana	43	5		-132	14		64	5
Thomas's Okay Team	15	6		181	1		-58	11
Vatican City Popes	75	2		-92	12		73	4

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	25	-92	-135	3	-79	-125	-96	-78	-64	-143	-78
Boston Poindexters	-92	-22	18	-91	-17	-55	-32	-110	-56	-30	-49
CRYOGENIC TEDS	-45	-92	-1	-44	-62	156	-161	60	-43	-36	-27
KGG Baseball 2016	-69	-22	-78	3	1	-125	32	49	-13	-72	-29
Killer Maltese	119	82	132	-44	1	-55	96	49	17	36	43
Luis's Legit Team	-163	-22	-116	-44	-97	15	-32	-89	132	154	-26
Naperville Flowers	-45	152	132	50	170	85	32	166	163	93	100
Notorious BE AR D	96	47	132	-138	134	-196	225	39	-64	-30	25
Plainfield Shutouts	-22	47	75	3	-17	15	32	-57	-91	-20	-3
Plano Tiburon	-139	-196	-78	50	-151	85	32	81	91	57	-17
RBI's all day	96	-92	-135	50	-62	85	32	-152	-31	36	-17
The Savannah Bannana	72	152	94	-91	116	15	32	113	-121	-143	24
Thomas's Okay Team	2	-22	-20	3	-71	15	-161	-131	176	185	-2
Vatican City Popes	166	82	-20	285	134	85	-32	60	-96	-87	58

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)