New and Improved Power Ranking (NIPR)

Nipr={all cats}; Bop={run,hr,rbi,tb}; Pitch={w,sv,k,era,whip}

Team	NIPR	NIPR Rank		BOP	BOP Rank		PITCH	PITCH Rank
Bay City Brawlers	-16	10		-74	12		38	3
Boston Poindexters	8	6		-28	9		20	6
CRYOGENIC TEDS	9	5		114	2		-76	13
Kelly Green Guys	29	3		-3	7		39	2
Killer Maltese	22	4		36	4		37	4
Killer Rabbits	-12	9		-40	10		5	8
LA Raindrops	-99	14		-142	14		-94	14
Naperville Sixty	135	1		176	1		148	1
Notorious BE AR D	-23	11		-7	8		-17	9
Plano Tiburon	-4	8		30	5		-25	10
PTBNL	63	2		100	3		9	7
RBI's all day	-73	13		-96	13		-65	12
Southern Rockets	-40	12		-67	11		-38	11
Vatican City Popes	-0	7		0	6		22	5

	Week	**10**

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NIPR for Special Category Areas

NIPR-1={all cats except your worst}; PQUAL={era,whip}; PQUAN={win,svh,k}

Team	NIPR-1	NIPR-1 Rank		PQUAL	PQUAL Rank		PQUAN	PQUAN Rank
Bay City Brawlers	-2	9		-47	10		38	5
Boston Poindexters	20	6		109	2		-56	11
CRYOGENIC TEDS	27	5		-141	14		1	8
Kelly Green Guys	37	3		-1	5		70	4
Killer Maltese	35	4		41	4		-8	9
Killer Rabbits	-2	10		-37	8		71	3
LA Raindrops	-85	14		-69	12		-107	13
Naperville Sixty	170	1		243	1		114	1
Notorious BE AR D	-16	11		-81	13		7	7
Plano Tiburon	8	8		-41	9		-43	10
PTBNL	78	2		-55	11		72	2
RBI's all day	-66	13		-18	7		-83	12
Southern Rockets	-24	12		105	3		-112	14
Vatican City Popes	10	7		-9	6		36	6

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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	K	Era	Whip	SvH	NIPR
Bay City Brawlers	57	-148	-126	111	-78	148	96	-41	-53	-130	-16
Boston Poindexters	7	-46	-75	143	2	-101	-38	116	102	-30	8
CRYOGENIC TEDS	145	159	34	-91	120	-59	35	-156	-125	28	9
Kelly Green Guys	-26	27	-1	95	-11	3	154	-38	36	53	29
Killer Maltese	12	-53	155	22	28	-39	104	27	55	-89	22
Killer Rabbits	-68	-53	-28	-99	-11	86	7	-34	-40	120	-12
LA Raindrops	-193	-17	-134	38	-226	-80	-160	-51	-87	-80	-99
Naperville Sixty	145	225	167	-180	168	148	-41	259	227	236	135
Notorious BE AR D	-84	20	77	-59	-41	65	26	-82	-79	-72	-23
Plano Tiburon	16	42	34	54	28	-18	1	-30	-53	-114	-4
PTBNL	153	49	89	127	110	65	80	-68	-41	70	63
RBI's all day	-72	-119	-142	-67	-52	-101	-126	31	-66	-22	-73
Southern Rockets	-76	-68	-32	-2	-94	-184	-179	67	144	28	-40
Vatican City Popes	-18	-17	-20	-91	55	65	39	2	-20	3	-0

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)
   BOP = average(run,hr,rbi,tb)
   PITCH = average(win,k,era,whip,svh)
   PQUAN=average(win,k, svh)
   PQUAL=average(era,whip)

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