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	-57	12		-176	14		26	5
Boston Poindexters	23	4		-9	7		38	4
CRYOGENIC TEDS	21	6		109	3		-47	11
Kelly Green Guys	58	3		89	4		19	6
Killer Maltese	22	5		50	5		47	3
Killer Rabbits	-3	8		2	6		-13	8
LA Raindrops	-61	13		-76	12		-77	14
Naperville Sixty	113	1		122	2		131	1
Notorious BE AR D	-27	9		-15	8		-14	9
Plano Tiburon	-55	11		-57	10		-50	12
PTBNL	64	2		135	1		-6	7
RBI's all day	-62	14		-84	13		-58	13
Southern Rockets	-36	10		-58	11		-42	10
Vatican City Popes	-0	7		-32	9		49	2

Week	**18**	

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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	-40	11		-24	8		29	7
Boston Poindexters	32	6		103	2		-35	10
CRYOGENIC TEDS	37	5		-110	13		17	8
Kelly Green Guys	70	3		-51	9		61	3
Killer Maltese	41	4		53	4		-23	9
Killer Rabbits	9	7		-22	7		40	5
LA Raindrops	-52	13		-58	11		-73	12
Naperville Sixty	140	1		231	1		104	1
Notorious BE AR D	-15	9		-120	14		35	6
Plano Tiburon	-49	12		-52	10		-67	11
PTBNL	84	2		-89	12		44	4
RBI's all day	-52	14		28	5		-89	13
Southern Rockets	-18	10		103	3		-107	14
Vatican City Popes	9	8		8	6		63	2

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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	-98	-195	-215	92	-197		103	47	-9	-39	-63	-57
Boston Poindexters	46	-45	-53	169	15		-50	-6	104	103	-50	23
CRYOGENIC TEDS	104	156	70	-58	107		-50	82	-102	-119	21	21
Kelly Green Guys	128	87	85	140	57		78	99	-54	-47	7	58
Killer Maltese	73	-20	105	-19	40		-25	107	28	77	-152	22
Killer Rabbits	-12	-20	-4	-111	45		26	-34	8	-53	127	-3
LA Raindrops	-146	28	-61	29	-124		-89	-102	-54	-62	-28	-61
Naperville Sixty	66	143	152	-131	129		129	-68	248	214	250	113
Notorious BE AR D	-88	36	43	-77	-52		78	105	-136	-103	-77	-27
Plano Tiburon	-105	-2	-48	-15	-72		-76	-22	-54	-49	-103	-55
PTBNL	182	87	112	145	156		116	36	-114	-64	-19	64
RBI's all day	-67	-144	-93	-73	-32		-140	-147	59	-4	21	-62
Southern Rockets	-30	-45	-73	-10	-85		-178	-198	46	161	56	-36
Vatican City Popes	-53	-67	-21	-82	14		78	101	29	-13	12	-0

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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)