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	-26	10		-81	12		7	7
Boston Poindexters	12	5		-25	9		27	3
CRYOGENIC TEDS	18	4		129	2		-71	13
Kelly Green Guys	43	3		30	5		45	2
Killer Maltese	8	6		17	6		27	4
Killer Rabbits	-12	9		-41	10		3	8
LA Raindrops	-90	14		-135	14		-82	14
Naperville Sixty	127	1		155	1		146	1
Notorious BE AR D	-28	11		-15	8		-17	9
Plano Tiburon	-7	8		34	4		-31	10
PTBNL	65	2		112	3		11	6
RBI's all day	-70	13		-109	13		-49	12
Southern Rockets	-36	12		-57	11		-42	11
Vatican City Popes	-3	7		-15	7		26	5

Week	**11**	

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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	-13	10		-84	13		33	6
Boston Poindexters	22	5		122	2		-60	11
CRYOGENIC TEDS	35	4		-121	14		-0	8
Kelly Green Guys	50	3		-10	6		74	3
Killer Maltese	22	6		37	4		-26	9
Killer Rabbits	-1	9		-42	8		80	2
LA Raindrops	-76	14		-63	11		-90	13
Naperville Sixty	160	1		242	1		112	1
Notorious BE AR D	-19	12		-78	12		5	7
Plano Tiburon	6	7		-50	9		-47	10
PTBNL	79	2		-53	10		66	4
RBI's all day	-61	13		8	5		-76	12
Southern Rockets	-18	11		105	3		-114	14
Vatican City Popes	5	8		-13	7		44	5

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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	60	-144	-146	128	-93	114	81	-81	-87	-96	-26
Boston Poindexters	12	-46	-67	152	0	-85	-48	122	121	-46	12
CRYOGENIC TEDS	166	163	47	-90	139	-65	23	-132	-111	41	18
Kelly Green Guys	4	65	32	105	20	54	147	-26	6	20	43
Killer Maltese	8	-65	119	19	9	-85	119	18	55	-111	8
Killer Rabbits	-73	-65	-18	-114	-10	74	23	-34	-50	143	-12
LA Raindrops	-183	-13	-131	35	-212	-45	-156	-44	-82	-67	-90
Naperville Sixty	109	196	156	-168	158	153	-54	260	225	237	127
Notorious BE AR D	-110	26	73	-82	-49	54	34	-89	-67	-74	-28
Plano Tiburon	12	46	54	42	23	-45	21	-43	-56	-118	-7
PTBNL	158	65	103	105	123	74	75	-63	-43	49	65
RBI's all day	-81	-131	-154	-59	-68	-105	-106	43	-26	-17	-70
Southern Rockets	-65	-52	-29	3	-82	-185	-193	63	147	34	-36
Vatican City Popes	-16	-46	-40	-75	44	94	34	6	-31	5	-3

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)