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	9	7		-64	11		90	2
Boston Poindexters	21	5		-5	8		24	5
CRYOGENIC TEDS	20	6		131	2		-61	12
Kelly Green Guys	42	3		29	5		40	4
Killer Maltese	30	4		36	4		59	3
Killer Rabbits	-9	9		-46	10		14	6
LA Raindrops	-112	14		-156	14		-114	14
Naperville Sixty	120	1		141	1		146	1
Notorious BE AR D	-35	11		6	7		-61	13
Plano Tiburon	-1	8		21	6		-16	8
PTBNL	50	2		100	3		-18	9
RBI's all day	-73	13		-108	13		-50	11
Southern Rockets	-47	12		-78	12		-43	10
Vatican City Popes	-14	10		-6	9		-12	7

Week	9							

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	27	7		22	5		57	4
Boston Poindexters	34	6		110	2		-44	11
CRYOGENIC TEDS	38	5		-133	14		11	6
Kelly Green Guys	50	3		2	6		62	3
Killer Maltese	41	4		79	3		1	8
Killer Rabbits	0	9		-35	10		86	2
LA Raindrops	-97	14		-83	11		-124	14
Naperville Sixty	153	1		221	1		125	1
Notorious BE AR D	-25	11		-115	13		-25	9
Plano Tiburon	10	8		-23	8		-39	10
PTBNL	67	2		-88	12		57	5
RBI's all day	-63	13		-1	7		-81	12
Southern Rockets	-34	12		78	4		-96	13
Vatican City Popes	-7	10		-33	9		9	7

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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	49	-134	-105	136	-68	187	131	37	6	-148	9
Boston Poindexters	27	-41	-29	136	24	-102	-21	123	97	-8	21
CRYOGENIC TEDS	172	177	34	-94	140	-19	43	-144	-123	11	20
Kelly Green Guys	13	51	29	111	22	22	134	-32	36	29	42
Killer Maltese	4	-58	173	-9	25	-19	96	53	106	-73	30
Killer Rabbits	-64	-83	-15	-94	-23	105	22	-34	-37	132	-9
LA Raindrops	-199	-41	-141	43	-243	-102	-186	-69	-97	-83	-112
Naperville Sixty	117	194	119	-179	133	167	-26	236	206	235	120
Notorious BE AR D	-77	34	88	-68	-20	1	-13	-109	-121	-64	-35
Plano Tiburon	9	43	3	68	29	-19	3	-20	-26	-101	-1
PTBNL	135	68	110	102	87	22	81	-105	-70	67	50
RBI's all day	-91	-117	-163	-51	-60	-81	-116	51	-53	-45	-73
Southern Rockets	-82	-75	-51	-26	-105	-164	-164	35	121	39	-47
Vatican City Popes	-14	-16	-51	-77	59	1	16	-22	-44	11	-14

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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)

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