

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	37	5		63	4		22	6
Bayside Tigers	-66	13		-15	10		-108	14
CRYOGENIC TEDS	43	4		74	3		45	4
jax suns	-2	9		-6	9		-27	8
KGG 2013	7	8		-103	12		105	1
Killer Maltese	-61	12		-113	13		-35	9
Naperville Lunchbox	68	1		91	2		101	2
Plainfield Shutouts	-48	11		-103	11		-21	7
Plano Tiburon	62	2		11	7		100	3
RBI's all day	-102	14		-137	14		-81	13
The Flying Penguins	13	7		27	6		-35	10
The Hills Have RBIs	-17	10		42	5		-48	11
The Lazy Robot	44	3		161	1		-53	12
Vatican City Popes	24	6		9	8		37	5

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	47	5	79	2	-51	9
Bayside Tigers	-55	13	-137	14	-139	14
CRYOGENIC TEDS	58	4	11	6	3	6
jax suns	6	9	38	3	-70	12
KGG 2013	28	7	22	4	169	2
Killer Maltese	-51	12	-59	12	3	7
Naperville Lunchbox	96	1	22	5	214	1
Plainfield Shutouts	-37	11	-36	9	-13	8
Plano Tiburon	72	2	243	1	24	4
RBI's all day	-90	14	-39	10	-60	10
The Flying Penguins	24	8	-4	8	-82	13
The Hills Have RBIs	-8	10	-97	13	19	5
The Lazy Robot	64	3	-48	11	-67	11
Vatican City Popes	34	6	6	7	50	3

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	120	-48	42	8	138	-45	53	-57	47	111	37
Bayside Tigers	-16	60	-61	-58	-43	-157	14	-121	-166	-109	-66
CRYOGENIC TEDS	137	47	46	-91	67	-14	198	19	30	-8	43
jax suns	55	3	-58	140	-23	-77	-73	-62	84	-8	-2
KGG 2013	-184	-42	-44	-42	-143	209	140	130	57	-12	7
Killer Maltese	-75	-112	-158	16	-108	18	-64	-13	-28	-91	-61
Naperville Lunchbox	33	161	108	-182	60	161	33	266	51	-8	68
Plainfield Shutouts	-32	-150	-120	32	-110	34	-6	-60	-46	-26	-48
Plano Tiburon	39	-35	1	74	39	34	-35	14	223	262	62
RBI's all day	-200	-112	-110	-67	-127	-61	-209	-60	3	-81	-102
The Flying Penguins	12	-4	28	198	70	-77	-6	-86	43	-50	13
The Hills Have RBIs	-26	92	59	-100	42	50	-83	-11	-91	-103	-17
The Lazy Robot	66	187	218	57	174	-109	-35	-25	-138	42	44
Vatican City Popes	71	-48	49	16	-36	34	72	66	-69	81	24

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)