

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	35	5		54	5		31	5
Bayside Tigers	-29	12		-58	12		7	6
CRYOGENIC TEDS	49	3		56	4		68	4
jax suns	-36	13		-23	7		-86	13
KGG 2013	11	6		-91	13		99	2
Killer Maltese	-29	11		-38	9		-28	9
Naperville Lunchbox	41	4		38	6		84	3
Plainfield Shutouts	-28	10		-40	10		-32	10
Plano Tiburon	76	2		61	3		103	1
RBI's all day	-127	14		-149	14		-120	14
The Flying Penguins	-23	9		-43	11		-50	11
The Hills Have RBIs	-2	7		65	2		-50	12
The Lazy Robot	81	1		198	1		-23	8
Vatican City Popes	-18	8		-31	8		-3	7

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	49	5	84	3	-34	10
Bayside Tigers	-17	10	108	2	-127	14
CRYOGENIC TEDS	63	4	50	4	47	5
jax suns	-27	13	-60	11	-118	13
KGG 2013	27	6	32	5	137	2
Killer Maltese	-21	11	-11	7	-10	7
Naperville Lunchbox	64	3	-0	6	188	1
Plainfield Shutouts	-23	12	-23	8	-30	9
Plano Tiburon	86	2	205	1	59	4
RBI's all day	-115	14	-107	13	-81	11
The Flying Penguins	-12	9	-34	9	-111	12
The Hills Have RBIs	13	7	-121	14	16	6
The Lazy Robot	105	1	-45	10	-21	8
Vatican City Popes	-4	8	-77	12	84	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	165	-83	29	-16	105	-28	54	-39	79	90	35
Bayside Tigers	-84	29	-89	-99	-88	-142	75	-111	57	158	-29
CRYOGENIC TEDS	115	13	50	-72	47	38	145	56	56	44	49
jax suns	16	-24	-55	156	-29	-113	-71	-123	-22	-99	-36
KGG 2013	-72	-56	-98	-27	-137	179	158	95	71	-7	11
Killer Maltese	12	-67	-92	0	-4	-9	-99	-10	4	-27	-29
Naperville Lunchbox	-30	136	63	-160	-16	132	47	243	40	-41	41
Plainfield Shutouts	-34	-62	-52	39	-11	19	-57	-78	-68	22	-28
Plano Tiburon	73	24	60	0	88	47	-15	72	228	182	76
RBI's all day	-241	-110	-89	-77	-155	-85	-224	-77	-58	-155	-127
The Flying Penguins	-30	-78	-83	195	19	-123	40	-100	-3	-66	-23
The Hills Have RBIs	-19	109	112	-27	57	28	-43	5	-107	-135	-2
The Lazy Robot	96	237	245	128	213	-66	19	23	-137	47	81
Vatican City Popes	35	-67	-2	-38	-90	123	-29	45	-141	-13	-18

NIPR Explanation

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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)