

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	-1	8	-85	12	53	3
Bayside Tigers	-17	10	70	3	-76	11
CRYOGENIC TEDS	22	6	46	5	30	5
jax suns	75	1	138	1	29	6
KGG 2013	30	5	-78	11	125	1
Killer Maltese	-52	13	-137	13	1	8
Naperville Lunchbox	35	3	9	8	101	2
Plainfield Shutouts	-83	14	-165	14	-48	10
Plano Tiburon	33	4	60	4	17	7
RBI's all day	-36	11	2	9	-78	12
The Flying Penguins	47	2	11	7	42	4
The Hills Have RBIs	-42	12	35	6	-91	14
The Lazy Robot	3	7	96	2	-78	13
Vatican City Popes	-13	9	-3	10	-25	9

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	13	8	125	2	17	6
Bayside Tigers	1	9	-122	13	-136	14
CRYOGENIC TEDS	37	6	-50	9	37	4
jax suns	90	1	48	6	54	3
KGG 2013	49	4	51	5	183	1
Killer Maltese	-39	13	-27	8	22	5
Naperville Lunchbox	60	3	71	4	172	2
Plainfield Shutouts	-70	14	-90	12	-29	8
Plano Tiburon	48	5	131	1	-98	13
RBI's all day	-22	11	-72	11	-41	10
The Flying Penguins	61	2	119	3	-4	7
The Hills Have RBIs	-27	12	-137	14	-30	9
The Lazy Robot	17	7	-62	10	-93	12
Vatican City Popes	-7	10	15	7	-55	11

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	-103	-123	-79	70	-34	63	-23	-28	92	159	-1
Bayside Tigers	116	115	11	-68	37	-174	137	-99	-124	-121	-17
CRYOGENIC TEDS	78	60	-41	-119	89	29	176	46	-27	-73	22
jax suns	174	97	131	53	150	29	-63	79	54	43	75
KGG 2013	-65	-86	-19	-16	-141	232	156	134	113	-12	30
Killer Maltese	-169	-105	-138	18	-135	29	17	15	32	-87	-52
Naperville Lunchbox	-84	97	49	-188	-25	97	17	248	58	84	35
Plainfield Shutouts	-93	-196	-183	70	-187	-5	-3	-53	-63	-117	-83
Plano Tiburon	50	-13	116	1	89	-106	17	-89	141	121	33
RBI's all day	-17	24	-4	18	4	29	-162	-111	-51	-93	-36
The Flying Penguins	116	-50	-71	225	46	-5	-23	-4	111	128	47
The Hills Have RBIs	40	97	-4	-102	8	-39	-122	-22	-174	-100	-42
The Lazy Robot	12	97	161	36	115	-106	-83	-80	-122	-1	3
Vatican City Popes	-55	-13	71	1	-15	-72	-43	-37	-40	70	-13

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)