

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	-50	11		-108	14		-3	10
Boston Poindexters	-95	14		39	4		-199	14
CRYOGENIC TEDS	24	6		33	5		35	6
KGG Baseball 2016	5	8		-82	12		62	2
Killer Maltese	-2	9		-40	8		44	3
Luis's Legit Team	-69	13		-87	13		-54	12
Naperville Flowers	100	1		211	1		41	5
Notorious BE AR D	39	4		77	3		20	8
People of Plainfield	-37	10		-55	9		-37	11
Plano Tiburon	32	5		-19	7		70	1
RBI's all day	5	7		-64	11		44	4
The Savannah Bannana	53	2		129	2		22	7
Thomas's Okay Team	-50	12		-58	10		-61	13
Vatican City Popes	45	3		24	6		16	9

Week 10

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	-40	12	72	2	-53	10
Boston Poindexters	-71	14	-306	14	-128	14
CRYOGENIC TEDS	36	6	1	11	57	5
KGG Baseball 2016	16	7	15	9	93	2
Killer Maltese	8	9	-5	12	77	3
Luis's Legit Team	-57	13	43	5	-119	12
Naperville Flowers	117	1	54	3	33	7
Notorious BE AR D	46	4	24	8	18	9
People of Plainfield	-30	10	38	6	-87	11
Plano Tiburon	41	5	90	1	57	4
RBI's all day	16	8	44	4	44	6
The Savannah Bannana	71	2	-106	13	108	1
Thomas's Okay Team	-38	11	32	7	-124	13
Vatican City Popes	55	3	5	10	24	8

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	-138	-86	-126	-48	-83	-74	-50	-36	49	94	-50
Boston Poindexters	29	81	18	-112	28	-200	-12	-171	-309	-303	-95
CRYOGENIC TEDS	43	3	93	-62	-7	153	-81	99	-6	8	24
KGG Baseball 2016	-84	-103	-102	64	-38	-11	192	97	32	-2	5
Killer Maltese	-84	25	-25	-77	-78	-11	154	88	2	-12	-2
Luis's Legit Team	-171	-36	-46	-69	-93	-86	-149	-122	16	70	-69
Naperville Flowers	174	247	213	-48	210	77	-35	57	70	38	100
Notorious BE AR D	-0	42	146	-20	121	-11	33	31	21	28	39
People of Plainfield	-18	-53	-67	36	-82	-74	-88	-98	42	33	-37
Plano Tiburon	25	-53	-35	43	-12	103	33	36	94	85	32
RBI's all day	-11	-86	-62	86	-97	52	48	33	48	40	5
The Savannah Bannana	149	142	98	-98	127	153	41	129	-106	-106	53
Thomas's Okay Team	-18	-69	-59	36	-84	-74	-141	-157	36	29	-50
Vatican City Popes	105	-53	-46	269	89	2	56	14	11	-1	45

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)