

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	-1	9	-85	12	108	2
Boston Poindexters	31	5	31	5	12	6
CRYOGENIC TEDS	19	6	145	1	-70	12
Kelly Green Guys	39	4	28	6	27	5
Killer Maltese	46	3	53	4	78	3
Killer Rabbits	13	7	4	9	29	4
LA Raindrops	-102	14	-161	14	-86	14
Naperville Sixty	86	1	77	3	124	1
Notorious BE AR D	-66	13	-59	10	-83	13
Plano Tiburon	-2	10	9	8	-8	8
PTBNL	59	2	114	2	-9	9
RBI's all day	-65	12	-75	11	-68	11
Southern Rockets	-57	11	-94	13	-48	10
Vatican City Popes	-1	8	15	7	-5	7

Week 7

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	20	8	57	4	40	4
Boston Poindexters	51	4	120	3	-79	13
CRYOGENIC TEDS	39	6	-153	14	4	6
Kelly Green Guys	50	5	16	6	36	5
Killer Maltese	55	3	132	2	4	7
Killer Rabbits	25	7	-30	8	90	3
LA Raindrops	-87	14	-62	11	-100	14
Naperville Sixty	114	1	180	1	118	1
Notorious BE AR D	-58	12	-111	13	-40	10
Plano Tiburon	7	10	-31	9	-17	9
PTBNL	78	2	-104	12	95	2
RBI's all day	-58	13	-61	10	-70	11
Southern Rockets	-46	11	35	5	-77	12
Vatican City Popes	8	9	12	7	-3	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	K	Era	Whip	SvH	NIPR
Bay City Brawlers	23	-167	-127	95	-69	196	121	82	33	-196	-1
Boston Poindexters	70	-3	-16	183	72	-152	-39	130	111	-47	31
CRYOGENIC TEDS	159	238	39	-93	144	-36	60	-161	-144	-12	19
Kelly Green Guys	-1	52	39	139	20	-60	133	-19	52	34	39
Killer Maltese	4	-25	196	-27	38	-36	83	99	165	-35	46
Killer Rabbits	-48	-14	60	-93	18	126	52	-45	-16	91	13
LA Raindrops	-203	-80	-127	50	-235	-36	-182	-39	-86	-81	-102
Naperville Sixty	88	106	44	-159	69	149	-12	204	155	217	86
Notorious BE AR D	-138	-25	24	-82	-99	-60	-50	-109	-112	-12	-66
Plano Tiburon	-6	41	-16	61	17	33	-4	-17	-45	-81	-2
PTBNL	145	73	145	61	92	56	114	-102	-106	114	59
RBI's all day	-57	-91	-122	-16	-31	-60	-91	-47	-75	-58	-65
Southern Rockets	-62	-91	-112	-38	-111	-106	-157	18	52	34	-57
Vatican City Popes	27	-14	-26	-82	74	-13	-29	7	16	34	-1

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)