

December 2013 Percentile Ranking Levels

The P-level is a useful tool to evaluate genetic merit of young bulls and heifers. The P-level is a percentile ranking of Jersey Production Index™ (JPI), displayed as P0 through P9. The P-level is based on the genomic JPI when available. When PA JPI is not available, percentile rankings are based on PA Protein.

P-level indicates how one animal ranks compared to all other Registered Jerseys™ of the same sex born in the same year. To interpret, insert the P-level in the blank in the following statement: "This heifer (bull) has a higher PA JPI (GJPI) than ___0 percent of the registered heifers (bulls) born in the same year." Example: A P8 heifer born in 2011 has a higher PA JPI than 80 percent of the Registered Jersey heifers born in 2011.

The tables show means and minimum values for percentile ranking levels for the birth years 2008 to 2012 and projected for 2013 and 2014. P-levels are printed on Official Performance Pedigrees for heifers only.

Percentile Rankings (P-Levels) for Bulls

Type	BirthYear	Mean	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9
GJPI	2008	33	< -48	-48	-8	12	30	44	55	66	81	98
GJPI	2009	46	< -34	-34	2	28	45	57	71	82	93	108
GJPI	2010	66	< -18	-18	20	42	59	75	90	106	121	138
GJPI	2011	83	< -3	-3	42	64	81	95	108	120	134	152
GJPI	2012	113	< 29	29	71	97	115	130	141	152	162	176
GJPI	2013*	127	< 41	41	85	110	128	143	156	168	179	194
GJPI	2014*	147	< 59	59	105	131	148	164	177	189	199	214
PRO	2008	3	< -25	-25	-12	-2	4	8	11	14	19	24
PRO	2009	6	< -21	-21	-8	2	7	10	14	18	22	27
PRO	2010	10	< -17	-17	-4	4	9	15	18	22	26	32
PRO	2011	14	< -14	-14	3	10	15	19	22	26	29	34
PRO	2012	21	< -5	-5	10	17	22	26	29	32	36	41
PRO	2013*	24	< -2	-2	14	20	25	29	32	36	39	44
PRO	2014*	28	< 2	2	20	25	29	34	36	40	43	48

Percentile Rankings (P-Levels) for Heifers

Type	Year	Mean	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9
JPI	2008	25	< -34	-34	-8	8	20	30	40	51	63	78
JPI	2009	34	< -22	-22	3	18	30	40	50	60	71	87
JPI	2010	48	< -10	-10	17	32	43	53	63	74	86	102
JPI	2011	67	< 9	9	37	52	63	73	83	92	104	119
JPI	2012	84	< 24	24	55	70	82	92	101	111	122	137
JPI	2013*	97	< 38	38	69	83	95	105	114	123	135	150
JPI	2014*	112	< 52	52	85	99	110	120	129	138	150	165
PRO	2008	3	< -16	-16	-6	-1	3	6	9	12	15	20
PRO	2009	6	< -13	-13	-3	2	6	9	12	15	18	23
PRO	2010	8	< -10	-10	0	5	8	11	14	17	20	25
PRO	2011	12	< -6	-6	4	9	12	15	18	21	24	29
PRO	2012	16	< -3	-3	8	13	16	19	22	25	28	33
PRO	2013*	19	< 0	0	11	16	19	22	25	28	31	36
PRO	2014*	22	< 4	4	15	20	22	25	28	31	34	39