

December 2019

Heifer Percentile Ranking Levels (P Level)

The P-level may be the most important guide on the pedigree when evaluating Jersey heifers' genetic merit. The P-level is a percentile ranking of the Parent Average (PA) Jersey Production Index™ (JPI), displayed as P0 through P9. When PA JPI is not available, percentile rankings are based on PA Protein.

The P-level indicates how one heifer ranks compared to all other Registered Jersey™ heifers born in the same year. To interpret, insert the P-level in the blank in the following statement: "This heifer has a higher PA JPI than ___0 percent of the registered Jersey heifers born in the same year." Example: A P8 heifer born in 2018 has a higher PA JPI than 80 percent of the Registered Jersey heifers born in 2018.

The tables show means and minimum values for percentile ranking levels based on Parent Average JPI for the birth years 2014 to 2019 and projected for 2020 and 2021; and also for PA Protein for 2014 to 2019, with projections for 2020 and 2021.

Type	Year	Mean	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9
JPI	2014	39	< -7	-7	16	29	38	46	53	61	69	81
JPI	2015	49	< 4	4	27	39	48	56	63	71	80	92
JPI	2016	61	< 9	9	37	50	60	69	77	84	93	105
JPI	2017	74	< 20	20	50	64	74	82	90	98	107	119
JPI	2018	84	< 29	29	61	76	86	95	102	110	118	129
JPI	2019	101	< 53	53	81	94	103	110	117	124	132	143
JPI	2020*	111	< 57	57	89	104	113	121	129	136	144	155
JPI	2021*	123	< 68	68	102	117	126	134	142	149	157	167

Type	Year	Mean	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9
PRO	2014	11	< -7	-7	2	7	10	14	16	20	23	28
PRO	2015	14	< -4	-4	6	11	14	17	20	23	27	32
PRO	2016	17	< -4	-4	8	13	17	20	24	27	31	37
PRO	2017	21	< -2	-2	12	17	21	25	29	33	37	42
PRO	2018	23	< 0	0	13	19	23	27	30	34	38	43
PRO	2019	26	< 7	7	17	22	26	30	33	36	39	44
PRO	2020*	29	< 7	7	20	25	30	34	37	41	44	49
PRO	2021*	32	< 9	9	23	28	33	37	41	44	48	53

* projected