

December 2020

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 2015 to 2020 and projected for 2021 and 2022; and also for PA Protein for 2015 to 2020, with projections for 2021 and 2022.

Type	Year	Mean	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9
JPI	2015	-5	< -51	-51	-28	-16	-7	1	9	16	24	35
JPI	2016	4	< -47	-47	-20	-7	4	12	20	27	36	47
JPI	2017	13	< -40	-40	-9	4	13	21	29	37	46	59
JPI	2018	19	< -35	-35	-4	10	20	28	36	44	53	65
JPI	2019	31	< -24	-24	8	22	32	41	49	57	66	77
JPI	2020	53	< 8	8	34	48	57	64	70	77	83	92
JPI	2021*	57	< 5	5	37	51	61	69	75	83	91	101
JPI	2022*	68	< 16	16	48	63	73	80	87	95	102	111

Type	Year	Mean	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9
PRO	2015	-3	< -24	-24	-13	-8	-5	-1	3	6	10	16
PRO	2016	0	< -23	-23	-11	-6	-2	3	6	10	14	20
PRO	2017	4	< -22	-22	-8	-1	4	8	12	16	20	26
PRO	2018	4	< -21	-21	-8	-1	4	8	12	17	21	27
PRO	2019	6	< -18	-18	-5	2	7	11	14	18	22	27
PRO	2020	9	< -17	-17	-3	5	11	15	18	23	27	32
PRO	2021*	11	< -16	-16	-1	7	14	17	21	26	30	35
PRO	2022*	11	< -16	-16	-1	7	14	17	21	26	30	35

* projected