April 2023   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 2022 has a higher PA JPI than 80 percent of the Registered Jersey heifers born in 2022.

The tables show means and minimum values for percentile ranking levels based on Parent Average JPI for the birth years 2018 to 2023 and projected for 2024 and 2024; and also for PA Protein for 2018 to 2023, with projections for 2024 and 2024.

Type	Year	Mean	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9
JPI	2018	15	< -38	-38	-7	7	17	25	32	39	48	59
JPI	2019	23	< -31	-31	1	14	24	32	40	48	57	69
JPI	2020	42	< -15	-15	17	32	44	53	61	69	78	91
JPI	2021	52	< -20	-20	28	46	58	66	74	82	91	104
JPI	2022	65	< -22	-22	42	61	72	81	89	97	106	119
JPI	2023	83	< 10	10	64	81	91	99	106	112	119	131
JPI	2024*	94	< 7	7	73	93	104	112	120	127	135	148

Type	Year	Mean	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9
PRO	2018	4	< -21	-21	-7	-1	4	8	12	16	21	26
PRO	2019	6	< -20	-20	-5	1	6	10	14	18	23	29
PRO	2020	13	< -13	-13	2	8	14	18	22	26	30	37
PRO	2021	16	< -16	-16	5	13	18	22	26	30	34	41
PRO	2022	20	< -16	-16	9	18	23	27	31	35	39	44
PRO	2023	26	< -4	-4	18	25	29	33	35	38	41	46
PRO	2024*	30	< -6	-6	21	29	34	38	40	44	47	52

projected