December 2022   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 2021 has a higher PA JPI than 80 percent of the Registered Jersey heifers born in 2021.

The tables show means and minimum values for percentile ranking levels based on Parent Average JPI for the birth years 2017 to 2022 and projected for 2023 and 2023; and also for PA Protein for 2017 to 2022, with projections for 2023 and 2023.

Type	Year	Mean	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9
JPI	2017	10	< -40	-40	-11	2	11	19	26	33	41	53
JPI	2018	15	< -38	-38	-7	7	16	24	31	39	47	58
JPI	2019	22	< -31	-31	0	14	23	32	40	47	56	68
JPI	2020	42	< -15	-15	17	32	44	53	61	69	78	90
JPI	2021	51	< -19	-19	27	46	57	65	73	80	89	101
JPI	2022	69	< -1	-1	47	64	74	82	90	98	107	118
JPI	2023*	77	< 3	3	53	72	83	92	100	108	117	129

Type	Year	Mean	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9
PRO	2017	3	< -22	-22	-8	-2	3	7	11	15	19	24
PRO	2018	4	< -22	-22	-7	-1	4	8	12	16	20	26
PRO	2019	6	< -20	-20	-6	1	5	9	13	17	22	28
PRO	2020	12	< -13	-13	1	8	13	17	21	25	29	35
PRO	2021	15	< -15	-15	4	12	17	21	25	28	32	38
PRO	2022	21	< -9	-9	11	19	24	27	30	34	37	41
PRO	2023*	23	< -8	-8	13	21	26	30	33	36	40	45

projected