April 2021   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 2019 has a higher PA JPI than 80 percent of the Registered Jersey heifers born in 2019.

The tables show means and minimum values for percentile ranking levels based on Parent Average JPI for the birth years 2016 to 2020 and projected for 2021 and 2022; and also for PA Protein for 2016 to 2020, with projections for 2021 and 2022.

Type	Year	Mean	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9
JPI	2016	3	< -49	-49	-21	-7	3	11	19	27	35	46
JPI	2017	12	< -42	-42	-10	3	13	21	28	36	45	57
JPI	2018	17	< -38	-38	-6	8	18	27	35	42	51	63
JPI	2019	28	< -28	-28	4	19	29	38	46	54	63	75
JPI	2020	49	< -3	-3	28	43	53	60	67	74	81	90
JPI	2021*	54	< 0	0	33	48	58	66	73	80	88	98
JPI	2022*	65	< 10	10	44	60	70	77	85	91	99	109

Type	Year	Mean	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9
PRO	2016	0	< -24	-24	-12	-6	-2	2	6	10	14	20
PRO	2017	4	< -22	-22	-8	-2	3	7	11	15	20	26
PRO	2018	4	< -22	-22	-8	-2	4	8	12	16	21	27
PRO	2019	6	< -19	-19	-5	1	6	10	14	17	22	27
PRO	2020	12	< -9	-9	3	9	14	17	21	24	27	32
PRO	2021*	13	< -9	-9	4	10	16	19	23	25	29	34
PRO	2022*	16	< -6	-6	7	13	19	22	26	28	32	36

projected