

Provincial genetic trends by birth year for Canadienne cows
Lactanet Canada, August 2024

Nova Scotia

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2011	1	915	-11	-12.0	-2.0	-0.32	-0.05	91.0	92.0	5.0	6.0	9.0	2.0	-1.0	95.0	96.0	98.0
2012	4	1249	52	3.8	0.8	0.06	-0.01	99.8	101.5	3.3	1.5	2.5	3.3	-2.0	101.5	97.3	99.8
2014	2	970	-88	-6.0	-4.0	-0.10	-0.05	99.5	99.5	0.5	-1.0	1.0	1.0	-3.0	98.5	97.5	102.0
2015	2	1397	96	4.0	2.5	0.04	0.01	101.5	104.0	5.0	3.5	3.5	5.0	-2.5	103.5	99.0	102.0

Notes:

1. Based on all cows with both production and type indexes.
2. Production in kg EBV units and conformation in EBV points.
3. Conformation indexes based on first lactation classifications of each cow.

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New Brunswick

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2011	1	1046	-344	-6.0	-2.0	0.15	0.19	101.0	98.0	3.0	3.0	0.0	1.0	4.0	100.0	102.0	97.0

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Quebec

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2011	150	1169	51	3.7	2.1	0.06	0.03	99.1	99.5	1.2	2.1	1.8	0.7	0.1	99.0	98.9	100.5
2012	134	1223	131	4.9	3.2	0.03	0.00	99.0	100.1	1.6	2.1	1.8	1.3	0.8	100.0	99.2	100.2
2013	146	1250	113	4.8	2.9	0.04	0.01	99.4	99.7	2.4	1.7	1.7	2.2	0.9	100.6	99.8	100.8
2014	156	1073	-132	-3.1	-3.1	0.04	0.01	98.8	100.7	2.2	1.6	1.6	1.9	1.3	100.8	99.6	100.9
2015	153	1172	-57	-0.5	-0.7	0.04	0.02	99.8	100.8	3.0	2.1	1.7	2.8	0.6	101.4	99.7	101.2
2016	152	1200	-25	0.3	-0.0	0.03	0.02	99.5	100.8	3.3	2.1	1.8	3.1	0.3	101.5	99.7	101.0
2017	171	1228	-11	0.4	-0.1	0.03	0.01	99.5	101.3	3.7	2.0	2.5	3.7	1.1	102.0	99.9	101.0
2018	155	1287	105	1.9	1.7	-0.03	-0.02	99.3	101.0	4.3	2.7	3.3	4.1	1.1	102.5	100.2	100.4
2019	118	1174	-58	-2.0	-1.8	0.00	-0.01	99.8	102.0	3.2	1.7	2.6	3.2	1.1	102.4	100.6	100.9
2020	123	1271	117	1.6	2.0	-0.05	-0.02	98.7	100.7	4.3	3.1	3.2	4.0	1.3	101.7	99.7	100.3
2021	43	1360	211	6.6	4.7	0.00	-0.01	99.7	101.6	4.4	4.4	3.3	3.7	1.2	101.5	100.9	101.2

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Ontario

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2011	2	1017	48	0.5	1.0	-0.03	0.00	100.0	99.0	-1.5	-1.0	1.5	-3.0	-2.0	97.0	99.0	102.0
2012	1	1116	35	4.0	2.0	0.07	0.04	101.0	100.0	0.0	0.0	2.0	-2.0	3.0	99.0	99.0	102.0
2013	1	1258	-177	-3.0	2.0	0.06	0.20	98.0	94.0	6.0	6.0	6.0	3.0	1.0	100.0	102.0	102.0
2014	2	1017	-237	-5.0	-4.0	0.07	0.05	97.5	97.5	1.0	-2.0	2.0	1.0	-3.5	97.5	99.0	101.0
2016	2	950	-334	-11.5	-5.5	-0.04	0.07	97.5	96.5	1.5	-0.5	0.0	2.5	-4.5	98.5	100.0	.
2017	2	1046	-197	-5.5	-2.5	0.02	0.07	98.0	97.5	3.5	2.5	1.0	2.5	1.5	98.5	98.5	99.0
2021	2	1070	-79	-5.5	-1.5	-0.09	0.01	98.5	100.0	2.5	2.5	3.5	1.0	3.5	99.5	.	.

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