

Provincial genetic trends by birth year for Canadienne cows
Lactanet Canada, August 2023

Nova Scotia

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2011	1	908	14	-12.0	-2.0	-0.33	-0.05	91.0	92.0	5.0	7.0	9.0	2.0	-1.0	95.0	97.0	98.0
2012	4	1245	95	4.0	1.5	0.03	-0.02	100.5	101.5	3.5	1.5	2.5	3.3	-2.0	101.0	97.3	99.8
2014	2	989	-26	-5.0	-2.5	-0.12	-0.06	99.5	99.5	0.5	-0.5	1.0	1.0	-3.0	98.5	97.5	102.0
2015	2	1424	191	5.5	4.0	0.01	-0.01	101.5	103.5	5.0	4.0	3.5	5.0	-2.0	103.5	100.0	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	1040	-300	-5.0	-2.0	0.12	0.17	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
2010	127	1178	153	3.9	3.3	-0.02	-0.01	100.0	100.4	0.8	1.3	1.3	0.3	0.9	100.1	100.0	101.7
2011	150	1170	88	4.1	2.6	0.04	0.02	99.2	99.5	1.4	2.2	1.9	0.8	0.2	99.1	98.9	100.5
2012	134	1224	169	5.3	3.7	0.00	-0.01	99.2	100.1	1.8	2.1	1.9	1.4	0.8	99.9	99.2	100.0
2013	146	1256	159	5.4	3.7	0.01	-0.00	99.6	99.6	2.5	1.8	1.7	2.2	0.9	100.5	99.9	100.6
2014	155	1081	-78	-2.4	-2.2	0.01	-0.01	99.0	100.7	2.3	1.7	1.7	1.9	1.4	100.8	99.8	100.8
2015	153	1179	-7	0.2	0.2	0.01	0.01	100.0	100.8	3.0	2.2	1.7	2.8	0.7	101.4	99.9	101.1
2016	151	1215	29	1.1	0.8	0.01	0.01	99.6	100.9	3.4	2.2	2.0	3.3	0.5	101.6	99.9	101.1
2017	170	1226	30	0.9	0.5	0.01	-0.00	99.6	101.4	3.7	2.1	2.5	3.6	1.2	102.0	100.1	100.9
2018	155	1284	147	2.3	2.3	-0.05	-0.03	99.2	101.0	4.4	2.9	3.5	4.1	1.3	102.4	100.1	100.4
2019	117	1167	-17	-1.7	-1.3	-0.02	-0.02	99.7	102.1	3.2	1.9	2.7	3.2	1.3	102.3	100.5	100.7
2020	117	1283	173	2.7	3.0	-0.06	-0.03	98.9	100.9	4.3	3.3	3.3	4.0	1.3	101.6	99.3	100.5

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Ontario

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2010	1	503	-1013	-29.0	-22.0	0.11	0.09	95.0	98.0	3.0	-1.0	1.0	3.0	2.0	99.0	.	.
2011	2	1015	80	0.5	2.0	-0.05	-0.01	100.0	99.0	-2.0	-1.0	1.5	-3.0	-2.0	96.5	99.0	102.0
2012	1	1084	87	4.0	3.0	0.04	0.03	101.0	100.0	0.0	0.0	2.0	-3.0	3.0	98.0	99.0	102.0
2013	1	1266	-124	-3.0	3.0	0.03	0.18	99.0	94.0	6.0	6.0	7.0	3.0	1.0	100.0	102.0	102.0
2014	2	1004	-198	-5.0	-3.5	0.04	0.04	97.5	97.5	0.5	-2.0	1.5	1.0	-3.5	97.5	100.0	101.0
2016	2	963	-277	-11.0	-5.0	-0.06	0.05	97.5	96.5	2.0	-0.5	0.0	3.0	-4.5	98.5	101.0	.
2017	2	1065	-128	-4.5	-1.5	0.00	0.06	98.5	97.5	3.5	2.5	1.5	2.5	1.5	99.0	98.5	100.0

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