

**Provincial genetic trends by birth year for Canadienne cows**  
**Lactanet Canada, August 2019**

**Nova Scotia**

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2011	1	939	-98	-16.0	-4.0	-0.33	-0.05	90.0	92.0	6.0	6.0	10.0	3.0	-1.0	96.0	97.0	99.0
2012	4	1298	-4	0.3	-0.8	0.01	-0.02	99.3	101.3	3.8	1.8	2.8	4.0	-1.0	101.3	97.5	99.0
2014	2	1050	-97	-8.0	-4.0	-0.13	-0.05	99.5	99.5	1.5	-0.5	2.0	1.5	-2.0	99.5	98.5	101.5
2015	2	1496	154	3.0	3.0	-0.05	-0.02	102.5	103.5	5.0	4.0	3.5	5.0	-2.0	103.5	99.0	100.0

**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	1038	-372	-9.0	-4.0	0.08	0.14	101.0	98.0	4.0	3.0	1.0	1.0	5.0	100.0	101.0	96.0

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**Quebec**

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2006	117	1229	9	0.9	0.7	0.02	0.02	100.8	101.3	1.4	2.0	2.8	-0.3	3.2	101.3	100.2	100.7
2007	148	1130	17	-2.1	-0.2	-0.06	-0.01	100.3	100.9	0.0	1.0	2.6	-1.5	2.1	101.3	100.2	101.6
2008	122	1195	74	0.4	1.1	-0.04	-0.01	100.2	100.4	0.4	1.2	3.4	-1.1	2.4	101.2	99.7	102.1
2009	153	1217	-40	-1.0	0.0	0.01	0.03	99.6	99.6	1.7	1.8	2.4	1.0	1.5	101.1	100.0	101.1
2010	127	1204	43	-0.0	0.7	-0.03	-0.01	99.5	100.3	1.1	1.1	1.9	0.5	1.4	100.5	99.5	101.4
2011	147	1208	-9	0.4	0.1	0.02	0.01	98.8	99.7	1.7	2.0	2.3	1.0	0.8	99.9	98.5	100.6
2012	135	1263	44	0.8	0.6	-0.01	-0.01	98.6	100.4	2.3	2.0	2.5	2.0	1.7	100.9	99.2	100.6
2013	141	1292	47	1.0	0.7	-0.01	-0.01	99.3	100.2	2.9	1.7	2.4	2.6	1.7	101.2	99.6	100.8
2014	150	1125	-121	-5.1	-3.7	-0.03	-0.02	98.7	100.8	2.6	1.6	2.2	2.1	2.0	101.2	99.7	100.5
2015	140	1211	-55	-2.9	-1.3	-0.03	0.00	100.2	100.8	3.1	2.0	2.4	2.7	1.2	101.5	99.0	100.6
2016	125	1279	1	-1.0	-0.3	-0.02	-0.01	99.9	100.9	3.8	2.4	2.5	3.5	1.2	101.6	98.8	100.6

Notes:

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**Ontario**

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2006	12	1267	-40	1.5	2.0	0.07	0.09	100.3	98.8	2.7	3.7	3.4	-0.1	5.3	100.2	100.5	99.3
2007	3	651	-659	-18.7	-13.3	0.06	0.07	98.0	95.7	0.0	0.0	3.7	-1.0	-0.7	99.0	98.0	.
2008	1	937	-86	-4.0	-3.0	-0.04	-0.02	102.0	101.0	-3.0	-4.0	0.0	-4.0	0.0	97.0	.	.
2010	1	564	-886	-27.0	-20.0	0.04	0.04	95.0	99.0	3.0	-2.0	1.0	3.0	2.0	100.0	.	.
2011	2	1057	-43	-3.0	-0.5	-0.04	0.01	99.0	99.0	-1.0	-0.5	1.5	-2.0	-0.5	97.5	99.0	102.0
2012	1	1134	6	1.0	1.0	0.03	0.03	101.0	100.0	1.0	0.0	3.0	-3.0	4.0	99.0	99.0	102.0
2013	1	1275	-181	-5.0	1.0	0.02	0.15	98.0	94.0	6.0	6.0	7.0	2.0	2.0	100.0	101.0	100.0
2014	2	1033	-235	-6.5	-5.0	0.02	0.03	98.0	97.5	1.0	-1.0	1.5	1.0	-2.0	97.5	.	.
2016	2	1001	-300	-12.5	-6.0	-0.08	0.04	97.5	96.0	2.5	0.0	0.5	3.5	-2.5	98.5	.	.

Notes:

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