

**Provincial genetic trends by birth year for Canadienne cows**  
**Lactanet Canada, August 2021**

**Nova Scotia**

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2011	1	933	-8	-13.0	-2.0	-0.34	-0.05	90.0	92.0	6.0	6.0	10.0	3.0	-2.0	96.0	97.0	99.0
2012	4	1278	89	3.8	1.5	0.02	-0.02	100.0	101.8	4.0	1.8	2.8	4.3	-2.0	101.3	97.0	99.8
2014	2	1011	-36	-5.5	-2.5	-0.11	-0.05	100.0	99.5	1.0	-0.5	1.5	1.5	-3.0	99.5	97.5	102.0
2015	2	1445	175	4.0	4.0	-0.03	-0.01	101.5	103.5	5.5	4.5	3.0	6.0	-2.0	104.0	101.0	103.0

**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	1027	-299	-6.0	-2.0	0.10	0.16	101.0	98.0	3.0	3.0	1.0	1.0	4.0	100.0	101.0	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
2008	122	1182	167	3.7	3.5	-0.04	-0.01	100.4	100.7	0.5	1.4	3.4	-1.0	2.1	101.1	100.1	102.2
2009	156	1207	50	2.3	2.4	0.02	0.03	99.9	99.9	1.8	2.0	2.4	1.2	1.2	101.1	100.4	101.5
2010	127	1192	138	3.2	3.0	-0.03	-0.01	99.7	100.6	1.2	1.3	1.8	0.6	1.0	100.5	99.8	101.7
2011	149	1182	75	3.3	2.3	0.03	0.02	99.1	99.8	1.7	2.1	2.2	1.2	0.2	99.5	98.7	100.8
2012	134	1238	146	4.3	3.3	-0.01	-0.01	98.9	100.4	2.3	2.2	2.4	2.0	1.2	100.4	98.9	100.2
2013	144	1270	142	4.6	3.4	0.01	-0.00	99.5	100.0	2.8	1.7	2.1	2.7	1.1	100.9	99.6	101.0
2014	155	1098	-65	-2.4	-1.9	-0.00	-0.01	98.8	100.7	2.6	1.7	1.8	2.3	1.5	100.9	99.7	100.4
2015	151	1191	-2	-0.1	0.2	0.00	0.01	99.8	100.8	3.3	2.3	1.8	3.1	0.8	101.7	100.0	101.4
2016	144	1231	33	1.1	1.0	0.00	0.01	99.4	100.7	3.7	2.4	2.1	3.6	0.5	101.6	99.9	101.0
2017	152	1241	45	0.7	0.8	-0.01	-0.00	99.3	100.9	4.1	2.5	2.8	4.1	0.9	101.8	99.8	100.9
2018	124	1350	220	3.6	3.8	-0.08	-0.04	99.5	101.0	5.2	3.7	3.9	5.0	1.1	102.4	98.7	100.6

Notes:

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2. Production in kg EBV units and conformation in EBV points.
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**Ontario**

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2008	1	930	-7	-1.0	-1.0	-0.03	-0.01	102.0	101.0	-4.0	-4.0	0.0	-4.0	-1.0	97.0	.	.
2010	1	567	-890	-26.0	-19.0	0.08	0.07	94.0	98.0	3.0	-1.0	2.0	3.0	3.0	100.0	.	.
2011	2	1038	57	-0.5	1.5	-0.06	-0.01	100.0	99.5	-1.5	-0.5	2.0	-2.0	-2.0	97.0	99.0	102.0
2012	1	1140	87	4.0	3.0	0.02	0.03	101.0	101.0	1.0	1.0	3.0	-2.0	3.0	99.0	99.0	102.0
2013	1	1305	-121	-3.0	3.0	0.02	0.18	98.0	94.0	7.0	7.0	7.0	4.0	1.0	101.0	102.0	101.0
2014	2	1003	-198	-5.5	-3.5	0.03	0.04	97.5	98.0	0.5	-1.5	1.5	1.0	-3.5	98.0	.	.
2016	2	965	-280	-11.5	-5.0	-0.06	0.06	97.0	96.5	2.0	-0.5	0.0	3.5	-4.5	98.0	102.0	.
2017	2	1095	-120	-4.0	-1.0	0.00	0.06	99.0	98.0	4.0	2.5	2.0	3.0	1.5	99.0	98.0	.

Notes:

1. Based on all cows with both production and type indexes.
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