

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

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2006	129	1233	4	0.9	0.9	0.03	0.02	100.7	101.0	1.5	2.2	2.8	-0.3	3.4	101.2	100.2	100.7
2007	151	1121	4	-2.5	-0.5	-0.06	-0.01	100.3	100.8	0.0	0.9	2.6	-1.5	2.1	101.2	100.1	101.6
2008	123	1193	72	0.4	1.1	-0.04	-0.01	100.2	100.4	0.3	1.2	3.4	-1.1	2.3	101.1	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	128	1199	36	-0.3	0.5	-0.03	-0.01	99.4	100.3	1.1	1.1	1.9	0.5	1.5	100.5	99.5	101.4
2011	151	1203	-12	0.2	0.0	0.02	0.01	98.7	99.7	1.7	2.0	2.4	1.0	0.8	99.8	98.5	100.6
2012	140	1263	42	0.8	0.6	-0.01	-0.01	98.6	100.4	2.4	1.9	2.5	2.0	1.6	100.9	99.1	100.6
2013	142	1292	45	1.0	0.7	-0.01	-0.01	99.3	100.1	2.9	1.8	2.4	2.6	1.7	101.1	99.6	100.8
2014	154	1123	-122	-5.2	-3.7	-0.03	-0.02	98.7	100.8	2.5	1.6	2.2	2.1	1.9	101.1	99.7	100.5
2015	142	1215	-52	-2.9	-1.3	-0.03	0.00	100.3	100.8	3.2	2.0	2.4	2.8	1.2	101.5	99.0	100.6
2016	127	1274	-4	-1.2	-0.4	-0.02	-0.01	99.8	100.9	3.8	2.3	2.4	3.5	1.1	101.6	98.8	100.6

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2006-2016	4	-1	-0.2	-0.1	-0.01	-0.00	-0.1	-0.0	0.2	0.0	-0.0	0.4	-0.2	0.0	-0.1	-0.0	
2011-2016	14	2	-0.3	-0.1	-0.01	-0.00	0.2	0.2	0.4	0.1	0.0	0.5	0.1	0.3	0.1	0.0	

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.