

**National genetic trends by birth year for Canadienne cows**  
**Lactanet Canada, August 2020**

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2007	153	1108	32	-1.0	0.6	-0.04	-0.00	100.6	100.9	0.0	1.0	2.9	-1.5	1.9	101.2	100.4	101.7
2008	123	1179	106	1.9	2.2	-0.03	-0.01	100.5	100.5	0.5	1.4	3.8	-1.1	2.3	101.2	100.0	102.1
2009	153	1211	2	0.9	1.3	0.02	0.04	99.9	99.7	1.9	2.1	2.8	1.1	1.5	101.3	100.2	101.4
2010	128	1182	74	1.2	1.6	-0.02	-0.00	99.7	100.3	1.3	1.3	2.3	0.5	1.3	100.6	99.6	101.5
2011	153	1175	15	1.4	1.0	0.03	0.02	99.0	99.5	1.7	2.0	2.7	1.0	0.5	99.6	98.5	100.5
2012	139	1244	92	2.7	2.0	-0.00	-0.00	98.9	100.4	2.5	2.0	2.7	2.1	1.5	100.7	98.9	100.1
2013	144	1279	95	3.2	2.3	0.01	0.00	99.4	100.0	3.0	1.8	2.5	2.6	1.5	101.1	99.6	100.8
2014	157	1098	-114	-4.0	-2.9	-0.01	-0.00	98.8	100.7	2.7	1.6	2.3	2.2	1.7	101.0	99.4	100.4
2015	152	1172	-51	-2.2	-1.0	-0.01	0.01	99.8	100.8	3.2	2.4	2.1	2.8	1.0	101.5	99.4	100.6
2016	142	1189	-35	-1.7	-0.7	-0.01	0.01	99.3	100.7	3.5	2.3	2.0	3.2	0.6	101.5	99.1	100.3
2017	133	1218	-31	-1.8	-0.9	-0.02	-0.00	99.1	101.2	4.1	2.8	3.0	3.9	1.0	101.7	99.3	99.8
Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2007-2017	11	-6	-0.1	-0.2	0.00	-0.00	-0.1	0.0	0.4	0.2	0.0	0.5	-0.1	0.0	-0.1	-0.2	
2012-2017	-5	-25	-0.9	-0.6	-0.00	0.00	0.0	0.2	0.3	0.2	0.1	0.4	-0.1	0.2	0.1	-0.1	

**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.