

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

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2010	128	1173	144	3.6	3.1	-0.02	-0.01	99.9	100.3	0.8	1.3	1.3	0.3	0.9	100.1	100.0	101.7
2011	154	1166	85	3.9	2.6	0.03	0.02	99.2	99.4	1.4	2.2	1.9	0.7	0.2	99.0	99.0	100.4
2012	139	1224	167	5.3	3.7	0.00	-0.01	99.2	100.1	1.8	2.1	1.9	1.5	0.8	99.9	99.1	100.0
2013	147	1256	157	5.4	3.7	0.01	-0.00	99.6	99.6	2.5	1.8	1.8	2.3	0.9	100.5	99.9	100.6
2014	159	1079	-78	-2.4	-2.2	0.01	-0.01	99.0	100.6	2.3	1.6	1.7	1.9	1.2	100.7	99.7	100.8
2015	155	1182	-4	0.3	0.2	0.01	0.01	100.0	100.8	3.1	2.3	1.8	2.9	0.6	101.5	99.9	101.1
2016	153	1211	25	1.0	0.7	0.01	0.01	99.5	100.8	3.4	2.2	2.0	3.3	0.4	101.6	99.9	101.1
2017	172	1225	28	0.8	0.4	0.01	-0.00	99.6	101.3	3.7	2.2	2.5	3.6	1.2	101.9	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

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2010-2020	11	3	-0.1	-0.0	-0.00	-0.00	-0.1	0.1	0.4	0.2	0.2	0.4	0.0	0.2	-0.1	-0.1	
2015-2020	20	36	0.5	0.6	-0.02	-0.01	-0.2	0.0	0.3	0.2	0.3	0.2	0.1	0.0	-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.