

National genetic trends by birth year for Canadienne cows
Lactanet Canada, August 2024

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2011	154	1165	48	3.5	2.0	0.06	0.03	99.1	99.4	1.2	2.1	1.8	0.6	0.1	99.0	98.9	100.5
2012	139	1223	128	4.8	3.1	0.03	0.00	99.0	100.2	1.6	2.0	1.8	1.3	0.7	100.0	99.2	100.2
2013	147	1250	111	4.7	2.9	0.04	0.01	99.4	99.6	2.4	1.8	1.7	2.2	0.9	100.6	99.8	100.8
2014	160	1071	-133	-3.2	-3.1	0.04	0.01	98.8	100.7	2.2	1.5	1.6	1.8	1.2	100.7	99.6	100.9
2015	155	1174	-55	-0.5	-0.7	0.04	0.02	99.9	100.8	3.0	2.1	1.7	2.9	0.5	101.4	99.7	101.2
2016	154	1197	-29	0.2	-0.1	0.03	0.02	99.5	100.7	3.2	2.1	1.7	3.1	0.3	101.5	99.7	101.0
2017	173	1225	-13	0.4	-0.1	0.03	0.01	99.5	101.3	3.7	2.0	2.4	3.6	1.1	102.0	99.9	101.0
2018	155	1287	105	1.9	1.7	-0.03	-0.02	99.3	101.0	4.3	2.7	3.3	4.1	1.1	102.5	100.2	100.4
2019	118	1174	-58	-2.0	-1.8	0.00	-0.01	99.8	102.0	3.2	1.7	2.6	3.2	1.1	102.4	100.6	100.9
2020	123	1271	117	1.6	2.0	-0.05	-0.02	98.7	100.7	4.3	3.1	3.2	4.0	1.3	101.7	99.7	100.3
2021	45	1347	198	6.1	4.4	-0.00	-0.01	99.7	101.5	4.4	4.3	3.3	3.6	1.3	101.4	100.9	101.2

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2011-2021	18	15	0.3	0.2	-0.01	-0.00	0.1	0.2	0.3	0.2	0.1	0.3	0.1	0.2	0.2	0.1	
2016-2021	30	45	1.2	0.9	-0.01	-0.01	0.0	0.2	0.2	0.5	0.3	0.1	0.2	-0.0	0.2	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.