

National genetic trends by birth year for Holstein cows
Lactanet Canada, August 2021

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2008	166152	1815	-515	-27.0	-21.3	-0.06	-0.03	97.7	97.8	-5.0	-1.4	-3.3	-5.7	-0.4	97.3	99.9	98.2
2009	168609	1852	-429	-24.1	-19.2	-0.06	-0.04	97.6	97.8	-4.7	-1.3	-3.2	-5.2	-0.4	97.4	99.8	98.0
2010	167096	1919	-338	-19.1	-15.1	-0.05	-0.03	98.0	97.9	-3.9	-0.7	-2.6	-4.6	0.1	97.5	99.6	98.1
2011	163795	2001	-278	-14.3	-12.2	-0.03	-0.02	98.0	98.2	-2.8	-0.3	-1.8	-3.6	0.5	98.2	99.5	99.0
2012	164812	2089	-221	-9.1	-8.7	-0.00	-0.01	98.2	98.3	-1.7	0.2	-1.0	-2.5	0.7	98.6	99.5	99.4
2013	156641	2176	-77	-4.4	-3.7	-0.01	-0.01	98.2	98.9	-0.9	0.4	-0.3	-1.6	0.9	99.2	99.6	99.5
2014	152574	2267	13	0.8	0.5	0.01	0.00	98.7	99.6	-0.1	0.5	0.4	-0.8	1.1	99.9	99.9	99.9
2015	152823	2351	109	5.7	4.6	0.02	0.01	98.9	100.1	0.9	1.0	1.0	0.1	1.3	100.5	100.0	100.3
2016	143794	2446	251	12.3	9.9	0.03	0.01	99.2	100.5	1.6	1.3	1.5	0.8	1.4	101.1	100.4	101.0
2017	130335	2542	379	17.3	14.9	0.03	0.02	99.6	101.3	2.7	1.7	2.2	1.9	1.9	101.8	100.5	101.4
2018	112677	2627	457	23.6	19.3	0.06	0.03	99.8	101.4	3.5	1.9	2.7	2.8	2.2	102.1	100.7	101.9

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2008-2018	81	97	5.1	4.1	0.01	0.01	0.2	0.4	0.9	0.3	0.6	0.8	0.3	0.5	0.1	0.4	
2013-2018	90	107	5.6	4.6	0.01	0.01	0.3	0.5	0.9	0.3	0.6	0.9	0.3	0.6	0.2	0.5	

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.