

National genetic trends by birth year for Holstein cows
Canadian Dairy Network, August 2017

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2004	166615	1579	-423	-18.9	-15.1	-0.02	-0.01	99.0	3.06	-4.4	-2.4	-2.6	-4.7	-1.2	98.7	101.6	99.6
2005	163256	1623	-385	-17.4	-13.8	-0.02	-0.01	99.0	3.05	-3.6	-1.9	-2.1	-3.9	-0.9	99.0	101.3	99.7
2006	156740	1685	-316	-12.5	-11.0	-0.00	-0.00	99.0	3.03	-2.9	-1.6	-1.7	-3.2	-0.5	99.6	101.2	100.0
2007	158204	1728	-224	-10.0	-7.9	-0.01	-0.00	99.0	3.03	-2.4	-1.3	-1.4	-2.7	-0.6	99.5	101.0	99.7
2008	165067	1787	-155	-7.4	-5.4	-0.01	0.00	99.0	3.01	-1.6	-0.8	-0.8	-2.0	0.1	100.0	101.0	100.0
2009	166863	1827	-67	-4.5	-3.2	-0.01	-0.01	98.8	3.01	-1.2	-0.6	-0.7	-1.5	0.2	100.3	100.9	99.8
2010	164452	1900	31	0.7	1.0	0.00	0.00	99.2	3.00	-0.4	-0.0	-0.0	-0.9	0.7	100.5	100.7	99.9
2011	160024	1991	95	5.7	3.9	0.03	0.01	99.2	2.98	0.8	0.6	0.9	0.2	1.1	101.6	100.5	100.9
2012	158732	2089	157	11.4	7.5	0.06	0.02	99.4	2.97	2.0	1.3	1.9	1.4	1.4	102.3	100.5	101.3
2013	145999	2192	318	16.6	13.0	0.05	0.02	99.3	2.94	3.0	1.7	2.7	2.4	1.7	103.1	100.6	101.4
2014	128211	2300	431	22.8	17.8	0.07	0.03	100.0	2.91	3.9	2.0	3.6	3.2	2.0	104.1	101.0	101.7

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2004-2014	72	85	4.2	3.3	0.01	0.00	0.1	-0.01	0.8	0.4	0.6	0.8	0.3	0.5	-0.1	0.2	
2009-2014	95	100	5.5	4.2	0.02	0.01	0.2	-0.02	1.0	0.5	0.9	1.0	0.4	0.8	0.0	0.4	

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.