

National genetic trends by birth year for Holstein cows
Canadian Dairy Network, August 2016

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2003	162456	1548	-403	-17.6	-14.3	-0.02	-0.01	98.8	3.06	-4.0	-2.2	-2.2	-4.5	-0.8	99.8	102.1	101.0
2004	166441	1579	-345	-14.8	-12.2	-0.01	-0.01	99.2	3.05	-3.5	-2.0	-2.0	-3.8	-0.9	99.6	101.7	100.3
2005	163043	1624	-306	-13.2	-10.9	-0.01	-0.00	99.1	3.04	-2.7	-1.5	-1.5	-3.0	-0.6	99.9	101.5	100.4
2006	156450	1685	-236	-8.3	-8.0	0.01	0.00	99.2	3.03	-2.0	-1.2	-1.1	-2.3	-0.2	100.3	101.3	100.7
2007	157819	1730	-142	-5.8	-4.9	0.00	0.00	99.1	3.02	-1.5	-0.9	-0.8	-1.8	-0.3	100.3	101.2	100.3
2008	164390	1788	-73	-3.2	-2.3	0.00	0.00	99.1	3.00	-0.7	-0.4	-0.2	-1.1	0.4	100.7	101.2	100.5
2009	165790	1828	16	-0.2	-0.1	-0.00	-0.00	98.9	3.00	-0.3	-0.2	-0.1	-0.6	0.5	100.9	101.1	100.3
2010	162928	1902	114	5.0	4.1	0.01	0.01	99.4	2.99	0.5	0.4	0.7	0.1	1.0	101.1	100.9	100.4
2011	157535	1993	183	10.1	7.1	0.04	0.01	99.2	2.97	1.8	1.1	1.6	1.2	1.4	102.0	100.7	101.3
2012	153619	2093	247	16.0	10.9	0.07	0.03	99.5	2.96	3.1	2.0	2.7	2.4	1.8	102.5	100.7	101.7
2013	130064	2193	406	21.1	16.1	0.06	0.03	99.5	2.93	4.1	2.3	3.6	3.4	2.0	103.1	100.8	101.9

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2003-2013	64	81	3.9	3.0	0.01	0.00	0.1	-0.01	0.8	0.5	0.6	0.8	0.3	0.3	-0.1	0.1	
2008-2013	81	96	4.9	3.7	0.01	0.00	0.1	-0.01	1.0	0.5	0.8	0.9	0.3	0.5	-0.1	0.3	

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.