

National genetic trends by birth year for Holstein cows
Canadian Dairy Network, August 2013

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2000	145832	1324	-429	-13.5	-13.5	0.03	0.01	100.1	3.01	-3.8	-2.8	-2.1	-4.2	-0.9	100.6	102.6	100.4
2001	160601	1366	-373	-11.0	-11.5	0.03	0.01	100.1	3.01	-3.3	-2.3	-1.7	-3.7	-0.7	100.6	102.3	100.7
2002	163058	1404	-308	-10.1	-9.3	0.02	0.01	99.9	3.02	-2.6	-1.7	-1.2	-3.2	-0.3	100.5	101.9	100.9
2003	161737	1459	-188	-9.0	-6.7	-0.02	-0.00	99.4	3.03	-1.7	-1.1	-0.7	-2.3	-0.0	100.7	101.9	101.4
2004	165462	1503	-123	-6.0	-4.5	-0.01	-0.00	99.7	3.02	-1.2	-0.8	-0.6	-1.6	-0.1	100.5	101.5	100.7
2005	161645	1557	-74	-4.1	-2.8	-0.01	-0.00	99.6	3.02	-0.4	-0.3	0.0	-0.7	0.2	100.9	101.3	100.8
2006	154381	1638	7	1.3	0.4	0.01	0.00	99.5	3.00	0.4	0.0	0.5	-0.0	0.7	101.4	101.1	101.1
2007	154930	1704	118	4.5	4.0	0.01	0.00	99.4	2.99	0.9	0.4	0.9	0.6	0.6	101.6	101.0	100.7
2008	159265	1773	191	7.4	6.7	0.01	0.01	99.2	2.97	1.8	1.0	1.5	1.3	1.3	102.0	100.9	101.0
2009	156665	1822	277	10.4	8.8	0.01	-0.00	98.8	2.97	2.3	1.3	1.8	1.8	1.5	102.2	100.8	100.8
2010	136205	1918	384	16.1	13.2	0.02	0.01	99.1	2.96	3.2	2.0	2.6	2.5	2.1	102.4	100.7	100.8

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2000-2010	59	81	3.0	2.7	-0.00	-0.00	-0.1	-0.00	0.7	0.5	0.5	0.7	0.3	0.2	-0.2	0.0	
2005-2010	72	92	4.0	3.2	0.01	0.00	-0.1	-0.01	0.7	0.5	0.5	0.7	0.4	0.3	-0.1	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.