

**National genetic trends by birth year for Holstein cows**  
**Canadian Dairy Network, August 2012**

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1999	144831	-731	-428	-12.6	-13.0	0.03	0.01	100.1	3.00	-3.7	-2.6	-1.9	-4.1	-1.0	100.8	102.5	100.6
2000	145648	-634	-358	-10.3	-11.0	0.03	0.01	100.0	3.00	-3.0	-2.2	-1.5	-3.5	-0.6	100.8	102.4	100.3
2001	160311	-546	-301	-7.7	-8.9	0.04	0.01	100.1	3.00	-2.5	-1.8	-1.1	-3.0	-0.4	100.8	102.1	100.6
2002	162642	-467	-234	-6.8	-6.7	0.02	0.01	99.8	3.01	-1.7	-1.1	-0.6	-2.4	0.1	100.7	101.6	100.9
2003	161130	-353	-112	-5.7	-4.1	-0.01	-0.00	99.3	3.02	-0.9	-0.5	-0.1	-1.5	0.3	100.9	101.7	101.4
2004	164576	-258	-45	-2.6	-1.7	-0.00	-0.00	99.6	3.01	-0.4	-0.3	0.1	-0.8	0.2	100.8	101.2	100.7
2005	160428	-145	8	-0.7	0.0	-0.00	0.00	99.5	3.00	0.5	0.2	0.7	0.1	0.6	101.2	101.0	100.7
2006	152695	33	94	5.0	3.4	0.02	0.01	99.4	2.98	1.3	0.6	1.2	0.8	1.1	101.8	100.8	101.1
2007	152233	169	202	8.2	7.0	0.01	0.01	99.3	2.97	1.8	1.0	1.6	1.4	1.1	101.9	100.7	100.7
2008	154629	306	268	10.9	9.5	0.02	0.01	99.1	2.95	2.8	1.7	2.3	2.1	1.8	102.4	100.6	100.9
2009	136091	417	360	14.2	11.7	0.01	-0.00	98.8	2.95	3.3	2.0	2.6	2.7	1.9	102.7	100.6	100.8

  

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
1999-2009	115	79	2.7	2.5	-0.00	-0.00	-0.1	-0.00	0.7	0.5	0.5	0.7	0.3	0.2	-0.2	0.0	
2004-2009	135	81	3.4	2.7	0.00	-0.00	-0.2	-0.01	0.7	0.5	0.5	0.7	0.3	0.4	-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.