

**National genetic trends by birth year for Holstein cows**  
**Canadian Dairy Network, August 2018**

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2005	163427	1629	-447	-22.2	-17.0	-0.05	-0.02	98.7	3.06	-4.4	-2.1	-2.7	-4.9	-1.1	98.7	101.1	99.5
2006	156969	1689	-382	-17.3	-14.3	-0.02	-0.01	98.7	3.04	-3.7	-1.7	-2.3	-4.2	-0.6	99.0	100.9	99.8
2007	158509	1732	-291	-14.9	-11.3	-0.03	-0.01	98.7	3.04	-3.3	-1.5	-2.1	-3.7	-0.7	99.0	100.8	99.4
2008	165561	1788	-224	-12.4	-8.8	-0.03	-0.01	98.6	3.02	-2.5	-1.0	-1.5	-3.1	-0.1	99.4	100.8	99.7
2009	167712	1826	-137	-9.5	-6.6	-0.03	-0.02	98.5	3.02	-2.1	-0.8	-1.4	-2.6	0.0	99.6	100.7	99.5
2010	165689	1898	-43	-4.4	-2.5	-0.02	-0.01	98.9	3.01	-1.4	-0.3	-0.8	-1.9	0.5	99.7	100.5	99.6
2011	161861	1983	18	0.5	0.3	0.00	-0.00	98.9	3.00	-0.2	0.3	0.1	-0.9	0.9	100.5	100.3	100.5
2012	161618	2076	79	6.0	3.9	0.03	0.01	99.1	2.99	0.9	0.9	1.0	0.3	1.2	100.9	100.3	100.9
2013	151760	2171	222	10.7	8.9	0.03	0.02	99.0	2.96	1.8	1.2	1.7	1.2	1.4	101.5	100.4	101.1
2014	143867	2271	316	16.3	13.2	0.05	0.03	99.5	2.92	2.8	1.6	2.6	2.1	1.7	102.3	100.8	101.4
2015	131174	2357	402	21.2	16.9	0.06	0.03	99.6	2.90	3.8	2.3	3.3	3.1	1.9	102.9	100.9	101.8

  

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2005-2015	73	85	4.3	3.4	0.01	0.00	0.1	-0.02	0.8	0.4	0.6	0.8	0.3	0.4	-0.0	0.2	
2010-2015	92	89	5.1	3.9	0.02	0.01	0.1	-0.02	1.0	0.5	0.8	1.0	0.3	0.6	0.1	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.