

**National genetic trends by birth year for Milking Shorthorn 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	115	909	-146	-14.7	-3.8	-0.15	0.00	99.3	3.04	-1.1	-1.5	-1.7	-0.5	-0.0	98.4	98.3	99.4
2004	113	987	-98	-12.1	-2.3	-0.14	0.01	99.1	3.00	-0.9	-2.0	-1.4	-0.3	-0.7	99.5	98.8	99.9
2005	127	985	-120	-12.0	-2.2	-0.12	0.03	99.7	3.01	-1.0	-1.7	-1.2	-0.7	-0.9	99.2	98.9	100.0
2006	143	1036	-110	-10.1	-2.9	-0.10	0.00	99.6	3.00	-0.1	-0.8	-0.5	0.2	-0.0	100.2	99.8	99.1
2007	158	1080	-21	-6.2	-1.0	-0.09	-0.01	99.9	3.01	0.4	-0.4	-0.2	0.5	-0.2	99.7	99.2	100.0
2008	149	1111	44	-3.0	0.7	-0.09	-0.01	100.4	3.01	0.1	-0.5	-0.7	0.3	-0.1	99.7	99.5	100.1
2009	141	1205	-4	1.9	-0.3	0.04	-0.00	100.3	3.00	1.5	0.5	0.5	1.6	1.2	100.5	100.2	98.5
2010	165	1176	-6	1.5	-0.1	0.03	0.00	100.8	3.01	0.9	-0.2	0.2	1.1	0.9	100.3	100.2	100.1
2011	158	1314	95	6.8	2.2	0.05	-0.01	101.0	3.00	2.7	1.7	1.2	2.8	2.0	100.7	100.4	98.6
2012	134	1331	42	6.1	1.4	0.08	0.01	100.8	2.98	3.3	1.7	1.5	3.3	2.4	101.7	101.2	101.3
2013	105	1343	74	6.3	2.0	0.06	0.00	101.2	3.00	3.4	2.1	1.9	3.4	2.6	101.6	101.3	99.0

  

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2003-2013	43	22	2.1	0.6	0.02	-0.00	0.2	-0.00	0.4	0.4	0.4	0.4	0.3	0.3	0.3	-0.0	
2008-2013	46	6	1.9	0.3	0.03	0.00	0.2	-0.00	0.6	0.5	0.5	0.6	0.5	0.4	0.3	-0.2	

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.