

**National genetic trends by birth year for Milking Shorthorn cows**  
**Canadian Dairy Network, August 2015**

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2002	101	898	-152	-12.0	-4.3	-0.09	-0.01	99.5	3.05	-1.1	-1.4	-1.1	-0.8	-0.0	98.8	99.0	97.9
2003	115	905	-134	-11.2	-3.3	-0.09	0.01	99.5	3.05	-1.0	-1.4	-1.5	-0.5	-0.1	98.1	98.7	98.6
2004	112	979	-97	-9.1	-2.1	-0.08	0.01	99.2	3.01	-0.9	-2.0	-1.1	-0.3	-0.5	99.2	99.0	98.9
2005	127	982	-114	-8.8	-1.9	-0.07	0.03	99.8	3.02	-1.0	-1.8	-1.0	-0.7	-0.8	99.0	99.2	98.8
2006	143	1031	-105	-7.3	-2.5	-0.05	0.00	99.8	3.00	-0.1	-1.0	-0.4	0.1	0.1	100.2	100.5	99.2
2007	157	1076	-14	-3.1	-0.5	-0.04	-0.00	100.1	3.01	0.3	-0.5	-0.0	0.3	0.2	99.5	99.8	99.2
2008	149	1112	55	0.1	1.2	-0.03	-0.00	100.5	3.01	0.1	-0.6	-0.5	0.2	0.3	99.6	100.0	99.4
2009	137	1210	10	4.7	0.2	0.07	-0.00	100.5	3.00	1.8	0.7	0.9	1.7	1.8	100.7	100.8	98.6
2010	161	1178	14	4.6	0.4	0.07	0.00	100.9	3.01	1.1	-0.0	0.4	1.2	1.0	100.2	100.6	100.6
2011	150	1301	97	8.9	2.4	0.08	-0.00	101.3	3.00	2.9	1.9	1.5	2.7	2.6	100.5	101.1	98.8
2012	97	1272	22	5.7	0.9	0.08	0.01	100.8	2.99	3.0	1.3	1.4	3.0	2.0	101.4	101.9	101.5

  

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2002-2012	37	17	1.8	0.5	0.02	0.00	0.1	-0.01	0.4	0.3	0.2	0.4	0.2	0.3	0.3	0.4	
2007-2012	39	7	1.8	0.3	0.02	0.00	0.2	-0.00	0.5	0.4	0.3	0.5	0.4	0.4	0.4	0.5	

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.