

National genetic trends by birth year for Milking Shorthorn cows
Lactanet Canada, August 2019

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2006	143	1006	-127	-14.1	-3.9	-0.15	-0.01	99.1	99.9	-0.7	-1.2	-0.5	-0.4	-0.3	99.7	99.7	99.0
2007	159	1046	-41	-10.8	-2.0	-0.15	-0.02	99.5	99.5	-0.2	-0.7	-0.2	-0.2	-0.2	99.0	99.8	99.0
2008	152	1077	22	-7.9	-0.5	-0.15	-0.02	99.9	99.9	-0.6	-1.0	-0.8	-0.4	-0.4	99.3	99.7	99.4
2009	142	1157	-26	-3.3	-1.4	-0.03	-0.02	99.8	100.1	0.5	-0.2	-0.0	0.7	0.8	99.6	100.0	98.6
2010	167	1126	-40	-3.9	-1.4	-0.03	-0.01	100.1	99.7	-0.0	-0.9	-0.4	0.1	0.4	99.4	100.3	100.1
2011	168	1277	66	1.7	1.1	-0.02	-0.01	100.5	100.3	1.7	1.0	0.9	1.9	1.3	100.0	100.9	98.8
2012	156	1252	4	0.6	0.2	0.01	0.00	100.4	99.9	1.7	0.6	0.5	1.9	1.5	100.2	100.5	100.3
2013	145	1280	-7	1.0	0.2	0.03	0.01	100.5	99.8	2.0	0.7	1.3	2.1	1.7	100.7	100.3	99.5
2014	123	1341	92	4.0	2.0	0.00	-0.01	101.3	101.2	2.1	0.9	0.9	2.2	1.2	100.9	102.2	100.3
2015	149	1364	53	3.0	1.2	0.02	-0.00	100.9	100.5	3.6	2.5	1.6	3.8	1.3	101.2	101.4	101.8
2016	94	1459	148	8.2	4.2	0.03	0.01	101.8	102.0	3.4	1.9	1.4	3.8	1.9	101.5	100.7	97.4

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2006-2016	45	27	2.2	0.8	0.02	0.00	0.3	0.2	0.4	0.3	0.2	0.4	0.2	0.2	0.1	-0.2	
2011-2016	36	16	1.3	0.6	0.01	0.00	0.3	0.3	0.3	0.2	0.1	0.4	0.1	0.3	-0.0	-0.3	

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.