

National genetic trends by birth year for Milking Shorthorn cows
Lactanet Canada, August 2020

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2007	159	1047	-35	-10.9	-2.0	-0.15	-0.02	99.6	99.5	-0.2	-0.7	-0.2	-0.3	-0.5	98.9	99.9	98.7
2008	152	1081	27	-8.0	-0.4	-0.15	-0.02	100.0	100.0	-0.7	-1.1	-0.9	-0.4	-0.6	99.2	100.0	99.1
2009	142	1155	-22	-3.5	-1.4	-0.04	-0.02	99.9	100.1	0.4	-0.2	-0.2	0.5	0.7	99.6	100.2	98.2
2010	167	1123	-39	-4.3	-1.5	-0.04	-0.01	100.1	99.7	-0.1	-1.0	-0.4	0.0	0.2	99.5	100.5	100.2
2011	168	1268	65	1.2	0.9	-0.02	-0.02	100.5	100.1	1.6	0.9	0.7	1.8	1.1	99.9	100.9	98.7
2012	158	1248	-4	-0.1	-0.1	0.00	0.00	100.3	100.0	1.6	0.6	0.5	1.8	1.6	100.3	100.9	100.3
2013	147	1277	-16	0.7	0.1	0.03	0.01	100.4	99.6	1.9	0.5	1.2	2.0	1.7	100.7	100.3	99.5
2014	125	1337	96	3.7	2.1	-0.00	-0.01	101.4	101.2	2.0	0.8	0.7	2.1	1.2	101.0	101.3	100.5
2015	152	1352	42	1.0	0.7	-0.01	-0.01	100.6	100.8	3.4	2.3	1.6	3.5	1.3	101.6	101.6	101.2
2016	122	1438	97	7.0	3.2	0.05	0.02	101.6	101.7	3.2	1.7	1.3	3.5	1.5	101.6	101.2	98.7
2017	88	1363	16	1.4	0.7	0.02	0.01	101.1	101.2	3.2	2.6	1.9	3.0	1.9	101.6	100.6	.
Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2007-2017	32	5	1.2	0.3	0.02	0.00	0.1	0.2	0.3	0.3	0.2	0.3	0.2	0.3	0.1	.	
2012-2017	23	4	0.3	0.2	0.00	0.00	0.2	0.3	0.3	0.4	0.3	0.2	0.1	0.3	-0.1	.	

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.