

**National genetic trends by birth year for Milking Shorthorn cows**  
**Lactanet Canada, August 2024**

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2011	168	1284	3	-2.2	-1.1	-0.03	-0.02	100.7	100.4	0.9	0.1	0.2	1.3	0.7	100.0	101.0	98.6
2012	158	1246	-72	-4.4	-2.6	-0.01	-0.01	100.5	99.9	0.8	-0.5	-0.2	1.4	1.3	100.4	101.5	100.4
2013	149	1278	-81	-3.6	-2.4	0.00	-0.00	100.8	99.5	1.3	-0.3	0.8	1.7	1.6	100.7	100.8	98.8
2014	127	1341	39	-0.9	-0.3	-0.04	-0.03	101.6	100.9	1.3	-0.0	0.4	1.7	0.9	101.2	102.2	100.3
2015	157	1344	-27	-3.4	-1.5	-0.03	-0.02	100.8	100.3	2.6	1.2	1.1	3.0	1.0	101.5	101.8	100.5
2016	128	1419	24	2.1	0.8	0.02	0.01	102.2	101.4	2.5	0.9	0.8	2.8	1.2	101.3	100.5	98.6
2017	130	1363	-30	-1.7	-1.0	-0.00	-0.00	101.8	100.2	2.8	1.9	1.6	2.6	1.9	101.1	100.7	99.8
2018	119	1429	45	0.7	1.0	-0.02	-0.00	102.3	100.2	3.4	2.3	1.9	3.4	2.6	101.4	101.7	100.8
2019	107	1426	60	3.3	0.9	0.01	-0.02	101.7	99.7	3.1	1.9	1.6	3.1	2.3	101.1	101.4	105.0
2020	108	1461	24	-0.7	1.1	-0.02	0.01	101.4	100.9	4.2	3.5	2.6	4.0	2.5	101.7	101.3	.
2021	81	1508	44	2.6	1.0	0.01	-0.00	101.2	101.5	4.4	3.0	2.6	4.4	2.2	102.3	100.2	100.0

  

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2011-2021	22	4	0.5	0.2	0.00	0.00	0.0	0.1	0.3	0.3	0.2	0.3	0.1	0.2	-0.1	0.1	
2016-2021	18	4	0.1	0.0	-0.00	-0.00	-0.2	0.0	0.4	0.4	0.4	0.3	0.2	0.2	-0.1	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.