

## National phenotypic trends by birth year for Milking Shorthorn cows Lactanet Canada, August 2023

Year	Number of Cows		ME yields (kg)		
	Milk Fat	Protein	Milk	Fat	Protein
1983	1	1	6116	311.0	233.0
1985	1	1	5860	182.0	182.0
1988	2	2	7121	244.5	229.5
1989	6	6	5766	208.7	197.8
1990	36	36	5929	214.9	197.5
1991	53	53	6684	245.5	226.8
1992	114	114	6685	241.0	227.2
1993	116	116	6957	248.9	237.3
1994	129	129	6844	246.0	230.2
1995	117	117	7228	257.1	241.1
1996	108	108	7093	250.0	236.3
1997	94	94	7350	264.9	246.4
1998	93	93	7373	267.5	244.1
1999	110	110	7556	269.5	250.6
2000	102	102	7653	274.0	251.3
2001	104	104	7538	269.7	249.2
2002	92	92	7381	261.1	243.5
2003	97	97	7515	263.8	248.3
2004	111	111	7617	267.2	253.2
2005	129	129	7545	269.1	253.8
2006	118	118	7394	268.8	248.2
2007	143	143	7824	281.2	258.8
2008	140	140	7795	281.4	256.3
2009	125	125	8048	304.3	267.7
2010	140	140	7998	311.7	266.8
2011	142	142	7893	308.6	258.6
2012	160	160	7906	303.6	262.0
2013	153	153	8184	318.8	272.7
2014	118	118	8386	318.4	275.2
2015	155	155	8454	328.6	278.8
2016	143	143	8261	324.6	276.3
2017	139	139	8075	314.6	270.5
2018	130	130	8454	332.4	285.5
2019	107	107	8426	340.9	281.2
2020	102	102	7978	316.4	272.0
2021	31	31	8459	333.1	285.3

**Notes:**

1. Based on lactation records qualifying for genetic evaluation.
2. Only using first lactation records for 2-yr-old animals.