Provincial phenotypic trends by birth year for Milking Shorthorn cows

Canadian Dairy Network, August 2016

Prince Edward Island

Year	Number of Cows		ME yields (kg)		
	Milk Fat	Protein	Milk	Fat	Protein
1990	9	9	7293	236.9	242.3
1991	18	18	7048	248.8	238.7
1992	36	36	6837	237.2	236.9
1993	41	41	7450	259.6	254.1
1994	38	38	7193	253.9	245.0
1995	55	55	7760	269.7	259.4
1996	38	38	7576	266.9	254.8
1997	35	35	7809	287.8	263.2
1998	29	29	8595	319.7	283.2
1999	28	28	8012	288.8	270.2
2000	9	9	8172	296.9	272.0
2001	10	10	8566	289.9	272.7
2002	18	18	8571	288.2	278.7
2003	10	10	9516	350.0	311.6
2004	10	10	9936	330.8	327.7
2005	13	13	8750	309.2	286.5
2006	15	15	9067	330.8	294.1
2007	7	7	9635	335.9	318.3
2008	13	13	10054	348.5	321.8
2009	17	17	9118	332.7	292.6
2010	12	12	8979	347.3	301.2
2011	21	21	9036	357.7	289.4
2012	7	7	8981	328.6	285.4
2013	18	18	9736	413.7	319.6
2014	3	3	8624	519.0	279.0

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

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Canadian Dairy Network, August 2016

Nova Scotia

Year	Number of Cows		ME yields (kg)		
	Milk Fat	Protein	Milk	Fat	Protein
1997	2	2	7867	276.5	269.5
2001	1	1	11347	307.0	377.0
2002	2	2	8661	286.5	298.0
2003	1	1	8200	235.0	278.0
2006	1	1	8931	346.0	293.0
2007	1	1	10330	327.0	345.0
2011	2	2	10870	404.5	368.5
2012	1	1	8327	274.0	268.0
2014	1	1	10552	398.0	340.0

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

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New Brunswick

Year	Number of Cows		ME yields (kg)		
	Milk Fat	Protein	Milk	Fat	Protein
2007	1	1	7056	239.0	221.0
2008	3	3	7840	279.0	250.7
2010	1	1	7183	302.0	232.0
2011	1	1	8359	308.0	248.0
2012	1	1	8423	293.0	238.0
2013	1	1	9217	416.0	322.0
2014	1	1	7056	277.0	219.0

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

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Quebec

Year	Number of Cows		ME yields (kg)		
	Milk Fat	Protein	Milk	Fat	Protein
1989	1	1	5765	185.0	195.0
1990	18	18	4689	183.5	156.2
1991	9	9	5177	199.4	176.1
1992	16	16	5174	191.7	175.6
1993	18	18	6502	228.3	217.4
1994	10	10	6283	222.8	213.8
1995	4	4	6338	226.8	224.8
1996	2	2	8121	319.0	277.5
1997	3	3	7077	261.7	238.0
1999	1	1	8995	339.0	292.0
2001	1	1	9694	322.0	316.0
2004	3	3	7416	264.7	250.0
2006	2	2	6897	254.0	239.0
2007	2	2	6722	256.0	219.5
2008	3	3	8391	331.0	280.7
2009	4	4	8137	297.0	267.0
2010	4	4	8248	358.8	303.0
2011	6	6	8163	334.3	283.3
2012	6	6	9922	405.8	343.7
2013	4	4	9710	397.5	340.8
2014	5	5	9148	348.6	301.2

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

Provincial phenotypic trends by birth year for Milking Shorthorn cows

Canadian Dairy Network, August 2016

Ontario

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	5	5	5766	213.4	198.4
1990	6	6	6555	245.3	213.0
1991	22	22	6617	252.9	225.2
1992	59	59	6917	253.9	232.4
1993	49	49	6521	236.9	220.0
1994	74	74	6682	240.5	221.8
1995	52	52	6660	243.4	221.1
1996	60	60	6509	226.9	214.5
1997	49	49	6890	242.8	230.0
1998	62	62	6801	242.2	225.4
1999	78	78	7382	262.0	243.2
2000	88	88	7606	272.1	248.9
2001	81	81	7227	261.8	239.1
2002	66	66	6917	250.3	229.5
2003	67	67	7346	260.8	243.1
2004	76	76	7223	258.8	241.2
2005	87	87	7307	262.6	246.3
2006	78	78	7189	259.3	241.5
2007	102	102	7664	277.0	253.6
2008	95	95	7478	270.2	246.1
2009	82	82	7639	286.5	253.6
2010	102	102	7767	298.4	257.5
2011	92	92	7542	292.8	246.8
2012	107	107	7563	290.2	249.4
2013	95	95	7698	294.4	254.1
2014	19	19	8768	314.3	279.3

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

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Manitoba

Year	Number of Cows		ME yields (kg)		
	Milk Fat	Protein	Milk	Fat	Protein
2000	1	1	5022	209.0	190.0
2001	3	3	7035	223.7	232.7
2002	2	2	8630	279.0	263.0
2003	16	16	6536	217.8	219.3
2004	16	16	7201	243.1	237.9
2005	25	25	7586	263.0	257.4
2006	18	18	6488	246.3	224.5
2007	28	28	7724	278.9	256.5
2008	19	19	6901	252.4	231.2
2009	14	14	8443	339.1	290.4
2010	18	18	8525	343.2	282.8
2011	17	17	7752	307.7	258.1
2012	34	34	8306	320.6	282.2
2013	24	24	9039	332.8	305.9
2014	7	7	7152	277.1	250.0

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

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Canadian Dairy Network, August 2016

Saskatchewan

	Number of Cows		ME yields (kg)		
Year	Milk Fat	Protein	Milk	Fat	Protein
2001	2	2	8821	319.0	306.5

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

Provincial phenotypic trends by birth year for Milking Shorthorn cows

Canadian Dairy Network, August 2016

Alberta

Year	Number of Cows		ME yields (kg)		
	Milk Fat	Protein	Milk	Fat	Protein
1990	3	3	8033	277.0	280.0
1991	4	4	8806	294.3	295.8
1992	3	3	8354	295.0	285.7
1993	8	8	8126	314.0	301.8
1994	7	7	7462	295.3	262.6
1995	6	6	7878	281.3	258.0
1996	8	8	8922	325.6	301.3
1997	5	5	8597	317.6	285.2
1998	2	2	7374	293.0	257.5
1999	3	3	7321	260.7	246.3
2000	4	4	8184	282.0	273.3
2001	6	6	8847	333.3	302.7
2002	4	4	8415	295.8	279.8
2003	3	3	9609	298.7	300.0
2004	6	6	9954	332.5	324.2
2005	4	4	8522	317.5	287.5
2006	4	4	9075	313.3	307.5
2007	2	2	11315	362.0	363.5
2008	7	7	10044	367.3	333.9
2009	8	8	9233	368.5	320.4
2010	3	3	8719	373.3	315.0
2011	1	1	10584	372.0	322.0
2012	1	1	10870	377.0	316.0

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