

Provincial phenotypic trends by birth year for Canadienne cows
Lactanet Canada, August 2024

Nova Scotia

Year	Number of Cows		ME yields (kg)		
	Milk Fat	Protein	Milk	Fat	Protein
1976	7	0	3437	158.4	.
1977	17	0	3904	187.1	.
1978	25	0	4124	192.4	.
1979	14	0	3722	176.9	.
1980	19	0	4106	184.5	.
1981	15	0	4297	181.7	.
1982	26	11	4658	192.1	161.9
2012	5	5	6781	289.4	236.0
2014	2	2	7597	331.0	268.5
2015	1	1	7498	314.0	254.0

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
1976	5	0	4699	208.0	.
1977	9	0	4587	210.8	.
1978	1	0	6105	279.0	.
1979	2	0	5033	225.5	.
1980	1	0	6105	270.0	.

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Quebec

Year	Number of Cows		ME yields (kg)		
	Milk Fat	Protein	Milk	Fat	Protein
1975	49	0	4153	167.1	.
1976	207	0	4240	180.1	.
1977	237	1	4365	188.8	137.0
1978	282	5	4264	181.3	161.2
1979	269	11	4370	184.9	152.8
1980	264	10	4797	202.9	157.4
1981	235	37	4776	201.9	174.3
1982	242	121	4753	199.9	168.8
1983	224	198	4704	195.3	174.0
1984	197	197	4780	202.3	174.1
1985	241	241	4982	206.4	181.2
1986	241	241	5098	213.3	187.0
1987	226	226	5074	209.6	188.4
1988	206	206	5182	217.3	189.7
1989	151	151	5396	227.5	197.1
1990	161	161	5148	217.2	187.7
1991	156	156	5102	213.8	184.7
1992	156	156	5696	233.3	203.5
1993	118	118	5560	235.1	205.6
1994	128	128	5650	239.5	208.3
1995	106	106	5853	249.7	215.0
1996	81	81	6329	269.0	231.1
1997	82	82	6645	283.8	245.8
1998	64	64	6962	289.8	256.5
1999	71	71	6489	280.4	237.4
2000	71	71	6170	253.3	223.6
2001	92	92	6580	266.9	235.2
2002	71	71	6563	278.0	239.5
2003	84	84	6303	266.5	229.4
2004	94	94	6329	266.2	228.9
2005	107	107	6143	251.6	222.9
2006	92	92	6591	278.5	234.8
2007	110	110	6698	278.6	235.0
2008	96	96	6879	284.7	242.8
2009	118	118	6429	269.2	230.4
2010	113	113	6699	279.1	237.1
2011	104	104	6633	278.8	236.3
2012	95	95	6473	278.7	231.3

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Quebec

Year	Number of Cows		ME yields (kg)		
	Milk Fat	Protein	Milk	Fat	Protein
2013	98	98	6765	282.5	239.6
2014	110	110	6621	280.4	237.1
2015	124	124	6897	286.3	247.9
2016	120	120	6987	299.5	253.2
2017	118	118	6630	278.5	240.2
2018	96	96	6442	274.4	231.4
2019	102	102	6364	267.5	228.1
2020	102	102	6704	278.2	240.6
2021	41	41	6593	277.0	238.1
2022	16	16	6649	270.8	241.4

Notes:

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Ontario

Year	Number of Cows		ME yields (kg)		
	Milk Fat	Protein	Milk	Fat	Protein
1975	2	0	3399	136.5	.
1976	21	0	4413	187.0	.
1977	27	0	4479	190.0	.
1978	25	0	4278	180.6	.
1979	14	0	4403	190.7	.
1980	20	0	4892	214.2	.
1981	10	0	4745	204.7	.
1982	14	2	4134	165.6	153.5
1983	6	5	3834	155.7	139.2
1984	11	11	4380	179.9	165.8
1985	7	7	4342	174.6	162.6
1986	12	12	4634	178.6	167.4
1987	1	1	3960	127.0	152.0
1988	3	3	3718	162.3	141.3
1993	1	1	5280	223.0	201.0
1994	3	3	6631	276.7	239.0
1995	5	5	4755	185.6	168.2
1996	3	3	5940	250.3	211.3
1997	3	3	5580	245.3	200.0
1998	6	6	5547	234.5	204.3
1999	7	7	5229	218.1	194.4
2000	7	7	4519	176.4	166.1
2001	4	4	5130	219.0	188.3
2002	4	4	5846	218.3	199.5
2003	3	3	4067	147.3	142.3
2004	5	5	4985	196.4	184.4
2005	3	3	4155	163.7	150.0
2006	6	6	5640	226.3	199.2
2007	3	3	3584	143.7	125.7
2008	1	1	3223	146.0	117.0
2011	1	1	5886	250.0	219.0
2012	1	1	7827	309.0	276.0
2013	1	1	5952	235.0	223.0
2014	1	1	7958	371.0	302.0
2016	2	2	6232	247.5	209.0
2017	1	1	5295	219.0	195.0
2020	1	1	4407	162.0	157.0
2021	2	2	5837	225.5	203.5

Notes:

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British Columbia

Year	Number of Cows		ME yields (kg)		
	Milk Fat	Protein	Milk	Fat	Protein
1975	1	0	4323	185.0	.
1976	12	0	3809	167.3	.
1977	13	0	4013	186.3	.
1978	15	0	3923	168.9	.
1979	9	0	4620	213.7	.
1980	8	0	5272	240.5	.
1981	13	0	5095	224.5	.
1982	7	0	5308	232.6	.

Notes:

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