

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

Year	Number of Cows		ME yields (kg)		
	Milk Fat	Protein	Milk	Fat	Protein
1975	52	0	4128	166.3	.
1976	252	0	4221	180.0	.
1977	303	1	4341	189.3	137.0
1978	348	5	4246	181.8	161.2
1979	308	11	4353	185.9	152.8
1980	312	10	4777	203.7	157.4
1981	273	37	4763	202.0	174.3
1982	289	134	4728	198.3	168.0
1983	230	203	4681	194.3	173.1
1984	208	208	4759	201.1	173.7
1985	248	248	4964	205.5	180.7
1986	253	253	5076	211.6	186.0
1987	227	227	5069	209.2	188.2
1988	209	209	5161	216.6	189.0
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	119	119	5558	235.0	205.6
1994	131	131	5673	240.4	209.0
1995	111	111	5804	246.8	212.9
1996	84	84	6315	268.3	230.4
1997	85	85	6607	282.5	244.2
1998	70	70	6841	285.0	252.1
1999	78	78	6376	274.8	233.6
2000	78	78	6022	246.4	218.5
2001	96	96	6520	264.9	233.2
2002	75	75	6525	274.8	237.4
2003	87	87	6226	262.4	226.4
2004	99	99	6261	262.7	226.7
2005	110	110	6088	249.2	220.9
2006	98	98	6533	275.3	232.7
2007	113	113	6616	275.0	232.1
2008	97	97	6841	283.3	241.5
2009	118	118	6429	269.2	230.4
2010	113	113	6699	279.1	237.1
2011	105	105	6626	278.5	236.1
2012	101	101	6502	279.6	232.0
2013	99	99	6757	282.0	239.4
2014	113	113	6650	282.1	238.2

**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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Year	Number of Cows		ME yields (kg)		
	Milk Fat	Protein	Milk	Fat	Protein
2015	125	125	6901	286.5	247.9
2016	122	122	6974	298.6	252.5
2017	119	119	6619	278.0	239.8
2018	96	96	6442	274.4	231.4
2019	102	102	6364	267.5	228.1
2020	101	101	6780	282.7	244.0
2021	20	20	7406	297.8	264.5

Notes:

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