

## National phenotypic trends by birth year for Ayrshire cows Canadian Dairy Network, August 2018

Year	Number of Cows		ME yields (kg)		
	Milk Fat	Protein	Milk	Fat	Protein
1975	3457	506	6098	241.2	197.9
1976	3734	733	6202	246.1	202.9
1977	4324	918	6214	249.1	214.1
1978	5246	929	6159	246.5	208.6
1979	5802	1906	6210	246.7	218.2
1980	6193	2904	6335	250.7	217.9
1981	6485	4062	6372	251.9	217.2
1982	6719	5150	6516	255.1	219.7
1983	6876	6654	6669	259.8	227.1
1984	6792	6785	6811	266.7	232.4
1985	6724	6720	6949	272.1	238.7
1986	6634	6634	7035	276.8	241.2
1987	6663	6663	7001	275.3	239.3
1988	6748	6747	7035	274.3	238.3
1989	6132	6132	7308	285.9	245.8
1990	5976	5976	7259	286.3	243.6
1991	5796	5796	7248	286.7	244.0
1992	5473	5473	7370	289.6	246.5
1993	5103	5103	7560	299.0	254.7
1994	5091	5091	7610	301.7	256.5
1995	5023	5023	7805	305.7	260.3
1996	4395	4395	8176	320.1	272.8
1997	4167	4167	8423	331.9	282.4
1998	4279	4279	8535	338.0	287.9
1999	4090	4090	8650	338.5	289.7
2000	4053	4053	8590	336.6	287.6
2001	4391	4391	8602	336.8	287.2
2002	4398	4398	8662	339.9	289.8
2003	3965	3965	8699	341.6	290.7
2004	3917	3917	8629	339.9	290.0
2005	3808	3808	8769	350.1	296.7
2006	3775	3775	8674	348.5	291.9
2007	3569	3569	8821	355.4	297.2
2008	3593	3593	9022	362.3	303.9
2009	3824	3824	8951	360.6	301.5
2010	3679	3679	9009	365.3	303.2
2011	3476	3476	9007	369.1	303.8
2012	3460	3460	9084	374.0	306.1
2013	3215	3215	9114	376.3	308.2
2014	3168	3168	9315	383.1	315.7

**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	3195	3195	9315	384.8	318.6
2016	1018	1018	9351	391.8	319.7

Notes:

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