

National genetic trends by birth year for Ayrshire cows
Canadian Dairy Network, August 2016

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2003	4542	1639	-395	-19.9	-16.0	-0.05	-0.04	99.9	3.09	-2.5	-2.4	-1.9	-2.5	-0.9	99.3	101.0	100.5
2004	4491	1664	-361	-18.1	-13.7	-0.05	-0.02	99.8	3.09	-2.0	-1.9	-1.4	-2.1	-0.4	99.1	100.5	100.3
2005	4267	1746	-259	-11.5	-9.7	-0.01	-0.01	100.2	3.08	-1.7	-1.6	-1.3	-1.8	-0.4	99.5	100.6	100.6
2006	4139	1780	-209	-10.2	-8.2	-0.02	-0.01	99.9	3.07	-1.0	-0.9	-1.0	-1.0	0.0	99.6	100.7	100.1
2007	4035	1841	-157	-6.4	-5.3	0.00	0.00	100.3	3.05	-0.7	-0.6	-1.1	-0.5	0.1	100.0	101.0	100.7
2008	4045	1919	-37	-1.9	-1.5	-0.00	-0.00	100.3	3.01	0.2	-0.0	0.1	0.0	0.2	100.6	100.6	101.1
2009	4182	1969	14	-0.2	0.6	-0.01	0.00	100.2	3.00	0.6	-0.0	0.7	0.4	0.2	101.2	100.7	101.1
2010	4048	2052	105	5.1	3.5	0.01	0.00	100.4	2.98	1.5	0.5	1.4	1.2	0.6	101.9	100.7	101.7
2011	3860	2087	123	6.4	4.1	0.02	0.00	99.9	2.98	2.3	1.2	2.2	1.8	1.3	102.3	100.8	101.8
2012	3693	2142	225	11.0	7.5	0.03	-0.00	100.2	2.97	2.8	2.1	2.2	2.3	1.8	102.0	101.0	101.4
2013	2694	2189	268	13.7	9.7	0.04	0.01	100.1	2.97	3.6	2.6	2.8	3.0	2.5	102.3	100.7	101.3

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2003-2013	55	66	3.4	2.6	0.01	0.00	0.0	-0.01	0.6	0.5	0.5	0.5	0.3	0.3	-0.0	0.1	
2008-2013	54	61	3.1	2.2	0.01	0.00	-0.0	-0.01	0.7	0.5	0.5	0.6	0.5	0.3	0.0	0.0	

Notes:

1. Based on all cows with both production and type indexes.
2. Production in kg EBV units and conformation in EBV points.
3. Conformation indexes based on first lactation classifications of each cow.