

National genetic trends by birth year for Ayrshire cows
Lactanet Canada, August 2019

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2006	4152	1789	-366	-19.2	-13.8	-0.06	-0.02	99.7	98.5	-2.4	-1.8	-2.2	-2.3	-1.1	98.9	101.1	100.0
2007	4059	1848	-317	-15.4	-11.0	-0.03	-0.00	100.1	98.8	-2.1	-1.6	-2.2	-1.9	-1.0	99.2	101.3	100.4
2008	4078	1912	-204	-11.0	-7.4	-0.03	-0.01	100.1	99.7	-1.3	-0.9	-1.1	-1.4	-1.0	99.7	100.8	100.8
2009	4230	1956	-150	-9.2	-5.3	-0.04	-0.00	99.9	99.8	-1.0	-0.9	-0.6	-1.1	-0.9	100.3	100.8	100.8
2010	4089	2039	-70	-4.2	-2.6	-0.02	-0.00	100.1	100.3	-0.1	-0.5	0.1	-0.2	-0.4	101.0	100.7	101.2
2011	3954	2071	-61	-3.3	-2.4	-0.01	-0.00	99.8	100.1	0.7	0.2	0.9	0.5	0.3	101.4	100.7	101.4
2012	3870	2117	43	1.7	1.2	0.00	-0.00	100.0	100.4	1.1	1.1	0.7	0.8	0.8	100.9	100.6	101.0
2013	3529	2167	80	4.2	3.2	0.01	0.01	100.1	100.3	1.8	1.4	1.4	1.4	1.5	101.3	100.5	101.0
2014	3372	2197	137	4.9	4.8	-0.01	0.00	99.9	101.1	2.7	1.7	2.2	2.4	1.5	101.8	99.6	101.2
2015	3199	2264	214	8.5	8.2	-0.00	0.01	100.0	101.4	3.3	1.9	2.6	3.1	1.9	102.5	99.3	101.7
2016	2641	2332	281	12.9	11.3	0.02	0.02	100.6	101.7	3.9	2.3	3.7	3.5	1.8	102.9	99.1	102.3

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2006-2016	54	65	3.2	2.5	0.01	0.00	0.1	0.3	0.6	0.4	0.6	0.6	0.3	0.4	-0.2	0.2	
2011-2016	52	68	3.2	2.8	0.01	0.01	0.2	0.3	0.6	0.4	0.6	0.6	0.3	0.3	-0.3	0.2	

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.