

**National genetic trends by birth year for Ayrshire cows
Canadian Dairy Network, August 2018**

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2005	4280	1745	-372	-17.9	-13.5	-0.03	-0.01	100.2	3.09	-2.7	-2.1	-2.1	-2.8	-1.1	99.0	100.6	100.1
2006	4149	1780	-322	-16.5	-12.1	-0.04	-0.01	100.0	3.08	-2.0	-1.4	-1.7	-1.9	-0.7	99.1	100.6	99.8
2007	4056	1839	-274	-12.8	-9.3	-0.02	0.00	100.3	3.06	-1.6	-1.1	-1.8	-1.5	-0.6	99.5	100.9	100.3
2008	4071	1912	-157	-8.3	-5.6	-0.02	-0.00	100.3	3.02	-0.8	-0.5	-0.6	-0.9	-0.5	100.0	100.4	100.7
2009	4222	1961	-102	-6.5	-3.5	-0.03	0.00	100.1	3.02	-0.4	-0.5	-0.1	-0.6	-0.5	100.6	100.4	100.7
2010	4085	2044	-19	-1.4	-0.7	-0.01	0.00	100.3	3.00	0.5	-0.1	0.6	0.3	-0.0	101.4	100.4	101.3
2011	3936	2072	-12	-0.5	-0.5	0.00	0.00	99.9	3.00	1.3	0.6	1.4	1.0	0.6	101.7	100.3	101.5
2012	3840	2119	95	4.4	3.1	0.01	-0.00	100.3	2.99	1.7	1.4	1.3	1.4	1.1	101.2	100.3	100.9
2013	3478	2165	119	6.6	4.9	0.02	0.01	100.2	3.00	2.4	1.8	1.9	1.9	1.7	101.6	100.2	101.0
2014	3296	2209	198	8.3	7.1	0.00	0.01	100.1	2.96	3.2	2.0	2.8	2.8	1.8	102.1	99.3	101.5
2015	2730	2293	302	12.9	11.3	0.01	0.01	100.3	2.95	3.9	2.4	3.1	3.6	2.1	102.8	99.2	102.1

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2005-2015	55	67	3.1	2.5	0.00	0.00	0.0	-0.01	0.7	0.4	0.5	0.6	0.3	0.4	-0.1	0.2	
2010-2015	50	64	2.9	2.4	0.00	0.00	-0.0	-0.01	0.7	0.5	0.5	0.7	0.4	0.3	-0.2	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.