

**National genetic trends by birth year for Ayrshire cows**  
**Lactanet Canada, August 2020**

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2007	4060	1846	-375	-17.8	-13.2	-0.03	-0.00	100.1	98.5	-2.8	-1.9	-2.7	-2.6	-1.2	98.6	101.2	100.1
2008	4082	1908	-264	-13.6	-9.6	-0.03	-0.01	100.1	99.3	-1.9	-1.2	-1.6	-2.1	-1.2	99.1	100.7	100.3
2009	4236	1952	-210	-11.7	-7.6	-0.04	-0.00	99.9	99.5	-1.6	-1.3	-1.1	-1.8	-1.1	99.8	100.7	100.4
2010	4097	2034	-130	-6.8	-4.9	-0.02	-0.00	100.1	99.9	-0.8	-0.8	-0.4	-0.9	-0.6	100.4	100.8	100.8
2011	3964	2063	-122	-5.8	-4.7	-0.01	-0.01	99.7	99.8	0.1	-0.1	0.3	-0.2	0.1	100.8	100.6	101.0
2012	3880	2107	-25	-1.1	-1.3	0.00	-0.00	100.0	100.0	0.4	0.7	0.2	0.2	0.6	100.3	100.7	100.6
2013	3546	2156	10	1.3	0.8	0.01	0.01	100.0	99.9	1.2	1.1	0.8	0.7	1.2	100.7	100.5	100.6
2014	3400	2198	83	2.6	2.8	-0.01	0.00	100.0	100.7	2.0	1.3	1.6	1.8	1.2	101.3	99.9	100.7
2015	3255	2262	161	6.2	6.2	-0.00	0.01	100.0	101.0	2.6	1.6	2.0	2.5	1.6	102.0	99.5	101.3
2016	2949	2314	199	9.6	8.4	0.02	0.02	100.3	101.4	3.2	1.9	3.1	2.8	1.5	102.4	99.3	101.8
2017	2070	2382	351	15.3	13.4	0.01	0.02	100.6	101.4	3.7	2.8	3.1	3.3	1.7	102.2	99.4	101.5

  

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2007-2017	54	73	3.3	2.7	0.00	0.00	0.1	0.3	0.6	0.5	0.6	0.6	0.3	0.4	-0.2	0.1	
2012-2017	55	75	3.3	2.9	0.00	0.00	0.1	0.3	0.6	0.4	0.6	0.6	0.2	0.4	-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.