

**National genetic trends by birth year for Ayrshire cows**  
**Canadian Dairy Network, August 2012**

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1999	4400	-454	-257	-12.1	-11.3	-0.03	-0.04	101.0	3.02	-2.3	-2.0	-1.8	-2.1	-1.0	99.9	100.9	101.5
2000	4318	-388	-275	-12.7	-11.0	-0.02	-0.02	100.8	3.04	-1.4	-1.5	-0.9	-1.6	-0.0	100.4	101.4	101.3
2001	4781	-330	-174	-9.1	-7.8	-0.03	-0.03	100.7	3.07	-1.5	-1.8	-0.8	-1.5	-0.2	99.6	100.7	101.0
2002	4788	-145	-89	-5.7	-4.2	-0.03	-0.02	100.5	3.02	-0.5	-0.5	-0.5	-0.6	0.3	100.4	100.8	100.7
2003	4508	-125	-97	-5.6	-4.7	-0.02	-0.02	100.0	3.01	-0.0	-0.7	0.2	-0.1	0.1	100.6	100.3	100.3
2004	4440	-45	-64	-4.0	-2.5	-0.02	-0.00	99.7	3.01	0.5	-0.2	0.8	0.2	0.7	100.7	99.9	100.2
2005	4207	147	47	2.8	1.8	0.01	0.00	100.2	3.00	0.9	0.3	0.9	0.6	0.7	101.0	100.0	100.4
2006	4055	236	93	3.9	3.1	0.01	0.00	99.8	2.99	1.6	0.9	1.3	1.4	1.0	101.3	100.1	100.1
2007	3919	370	139	7.4	5.7	0.03	0.01	100.0	2.98	2.1	1.3	1.3	2.0	1.2	101.7	100.5	100.7
2008	3846	593	273	12.2	10.0	0.02	0.01	100.1	2.93	3.1	2.0	2.7	2.6	1.2	102.5	100.3	100.8
2009	3146	687	314	14.3	11.7	0.03	0.02	99.7	2.93	3.7	2.2	3.4	3.1	1.1	102.8	100.2	100.9

  

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
1999-2009	114	57	2.6	2.3	0.01	0.01	-0.1	-0.01	0.6	0.4	0.5	0.5	0.2	0.3	-0.1	-0.1	
2004-2009	146	76	3.7	2.8	0.01	0.00	0.0	-0.02	0.6	0.5	0.5	0.6	0.1	0.4	0.1	0.1	

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.