

National genetic trends by birth year for Ayrshire cows
Canadian Dairy Network, August 2011

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1998	4337	-408	-322	-12.0	-12.1	0.01	-0.02	100.9	3.03	-2.0	-1.8	-1.4	-1.9	-1.0	100.2	101.4	101.3
1999	4393	-309	-201	-9.1	-8.9	-0.02	-0.03	100.7	3.01	-1.4	-1.2	-1.3	-1.3	-0.7	100.1	100.7	101.4
2000	4314	-243	-219	-9.7	-8.7	-0.01	-0.02	100.5	3.03	-0.6	-0.7	-0.5	-0.8	0.2	100.6	101.3	101.2
2001	4766	-188	-118	-6.2	-5.4	-0.02	-0.02	100.5	3.06	-0.7	-1.1	-0.4	-0.7	-0.0	99.8	100.5	100.8
2002	4767	-5	-33	-2.8	-1.8	-0.02	-0.01	100.3	3.02	0.3	0.1	-0.1	0.2	0.5	100.6	100.7	100.5
2003	4474	17	-40	-2.6	-2.3	-0.01	-0.01	99.8	3.00	0.8	0.0	0.6	0.6	0.4	100.9	100.2	100.2
2004	4413	88	-9	-1.1	-0.1	-0.01	0.00	99.4	3.01	1.3	0.5	1.1	1.0	0.9	100.9	99.7	100.0
2005	4147	300	116	6.2	4.6	0.02	0.01	99.9	2.99	1.7	0.9	1.2	1.4	1.1	101.3	99.9	100.3
2006	3995	366	139	6.5	5.2	0.02	0.01	99.6	2.98	2.3	1.5	1.6	2.1	1.3	101.5	100.2	99.8
2007	3829	514	199	10.5	8.3	0.04	0.02	99.7	2.97	2.9	2.1	1.7	2.7	1.5	101.8	100.4	100.3
2008	3092	739	341	15.6	12.6	0.03	0.02	99.7	2.94	3.9	2.8	3.0	3.4	1.5	102.5	100.5	100.4

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
1998-2008	115	66	2.8	2.5	0.00	0.00	-0.1	-0.01	0.6	0.5	0.4	0.5	0.3	0.2	-0.1	-0.1	
2003-2008	144	76	3.6	3.0	0.01	0.01	-0.0	-0.01	0.6	0.6	0.5	0.6	0.2	0.3	0.1	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.