

**Provincial genetic trends by birth year for Canadienne cows**  
**Canadian Dairy Network, August 2011**

**Quebec**

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1998	80	185	-69	-1.7	-1.3	0.02	0.02	96.4	3.04	1.5	2.0	1.8	0.2	1.8	100.3	101.0	100.9
1999	79	249	-60	-1.3	-1.5	0.02	0.00	97.3	3.01	1.5	2.3	3.5	-0.4	2.7	101.1	100.8	101.7
2000	88	292	-24	1.2	-0.2	0.06	0.01	97.5	3.01	1.3	2.6	2.3	-0.0	2.0	99.9	99.9	100.7
2001	116	361	74	3.0	1.4	0.02	-0.01	98.0	2.99	0.7	2.3	1.1	-0.1	1.3	99.6	99.6	100.7
2002	109	458	41	2.7	1.0	0.04	0.00	97.4	2.98	2.1	2.9	2.3	0.5	1.5	100.8	100.5	101.0
2003	102	314	9	1.4	0.1	0.04	0.00	97.7	3.03	1.6	2.1	2.5	0.3	1.7	100.2	100.4	100.7
2004	113	455	26	0.6	0.6	-0.00	0.00	98.2	2.98	2.9	2.4	1.7	2.2	2.3	101.2	100.4	100.4
2005	117	419	54	0.7	1.1	-0.03	-0.00	98.4	3.00	2.4	1.8	1.2	1.8	2.5	100.8	100.4	99.7
2006	108	638	134	4.8	2.6	0.02	-0.02	99.0	2.96	3.9	3.3	2.6	2.4	2.8	101.1	99.8	100.0
2007	131	545	185	4.2	2.8	-0.04	-0.05	98.3	2.96	2.5	2.1	2.5	0.9	2.0	101.0	99.5	100.4
2008	94	701	235	6.0	4.1	-0.04	-0.04	98.2	2.98	3.7	3.1	3.6	1.6	2.9	101.2	99.4	99.9

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.

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**Ontario**

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1998	6	158	-114	-3.8	-1.8	0.00	0.03	96.3	3.03	1.5	3.0	6.0	-1.8	3.0	100.5	100.5	103.7
1999	5	-374	-428	-11.8	-8.0	0.06	0.07	97.6	3.01	2.4	4.6	2.8	-2.8	5.4	99.8	100.0	102.0
2000	9	123	-215	-4.4	-3.6	0.07	0.06	99.4	2.99	2.4	3.0	3.6	-0.2	3.9	100.9	100.6	102.0
2001	5	-235	-288	-5.2	-4.6	0.12	0.08	97.8	3.00	-2.4	0.8	-0.6	-3.6	0.8	99.0	100.0	103.0
2002	9	37	-184	-4.4	-2.9	0.04	0.05	96.1	3.05	1.6	3.2	4.7	-2.6	5.2	100.9	100.9	102.8
2003	8	91	-187	-4.0	-3.5	0.05	0.04	101.1	3.01	2.4	2.8	1.6	1.5	2.6	99.8	99.8	100.0
2004	8	27	-112	-3.8	-2.4	0.01	0.02	99.3	2.95	-0.6	-0.9	-0.4	-2.4	0.6	100.9	102.0	101.5
2005	8	-9	-145	-4.8	-2.9	-0.01	0.02	104.6	2.94	-0.5	-2.3	-3.0	0.4	0.4	100.1	102.0	.
2006	9	388	-116	-0.1	-0.8	0.11	0.06	100.2	3.07	4.6	3.7	3.3	1.9	5.3	100.6	100.4	100.3
2007	3	-355	-545	-12.7	-11.0	0.14	0.07	102.0	3.04	1.7	0.3	3.3	2.0	0.3	101.7	.	.
2008	1	415	81	4.0	2.0	0.05	-0.01	101.0	2.99	2.0	0.0	1.0	2.0	1.0	98.0	.	.

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.