

Provincial genetic trends by birth year for Guernsey cows
Canadian Dairy Network, August 2012

Prince Edward Island

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2009	1	-335	-237	-2.0	-4.0	0.13	0.07	104.0	2.86	-2.0	-3.0	-1.0	-2.0	-1.0	99.0	99.0	.

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.

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Nova Scotia

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1999	9	-965	-884	-30.7	-25.6	0.09	0.07	100.4	2.99	-1.6	-2.6	-0.4	-3.2	1.0	101.4	102.9	105.0
2000	6	-640	-212	-23.2	-10.0	-0.21	-0.03	97.5	3.01	0.0	0.7	1.7	-1.8	0.0	99.7	98.5	99.0
2002	3	-720	-562	-17.3	-16.0	0.08	0.05	101.0	3.01	-1.3	-1.0	-4.7	-1.3	2.0	99.3	103.5	103.0

Notes:

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New Brunswick

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1999	47	-676	-294	-17.5	-10.7	-0.07	-0.01	98.9	3.03	-2.0	-0.2	0.3	-2.9	-0.1	98.8	99.3	101.2
2000	28	-159	-177	-3.4	-4.5	0.06	0.02	101.7	2.98	0.7	-0.5	-0.5	0.8	0.1	100.8	100.4	100.8
2001	36	-547	-132	-14.8	-7.4	-0.14	-0.03	98.4	3.06	-1.9	-1.3	-1.8	-1.5	-0.6	99.1	101.1	102.0
2002	32	-482	-243	-12.6	-7.2	-0.04	0.02	99.5	3.05	-1.2	-1.6	-1.3	-0.6	-0.3	99.1	100.2	101.2
2003	37	-338	-149	-11.8	-6.8	-0.08	-0.02	98.8	2.97	-0.5	-1.3	-0.9	0.0	-0.3	101.2	100.9	101.7
2004	31	-154	-117	-2.0	-2.3	0.05	0.02	101.9	2.95	0.1	-0.6	-0.4	0.7	-0.4	100.1	99.1	100.0
2005	50	-164	-52	-2.2	-2.5	0.01	-0.01	101.3	3.02	0.4	-0.1	-0.5	0.4	0.3	99.8	100.4	100.8
2006	30	-111	-83	-1.5	-2.8	0.03	0.00	100.2	3.01	0.9	0.7	1.6	-0.4	2.0	100.2	101.1	100.5
2007	31	48	-51	-0.4	-0.5	0.03	0.02	99.0	2.96	1.2	-0.5	1.5	0.7	1.0	101.8	100.8	101.6
2008	48	-79	73	0.2	1.1	-0.03	-0.02	97.3	2.99	-0.5	-1.7	-0.6	0.1	0.3	100.3	99.8	99.8
2009	29	-67	-51	0.8	-1.6	0.04	0.00	100.3	2.97	0.4	-0.7	-0.5	0.8	0.2	100.5	100.5	102.0

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Quebec

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1999	1	-345	-299	-11.0	-7.0	0.02	0.04	100.0	2.94	0.0	2.0	2.0	-1.0	-3.0	99.0	.	.
2000	1	-263	-228	-5.0	-1.0	0.07	0.10	97.0	3.03	-2.0	1.0	-2.0	0.0	-5.0	98.0	.	.
2001	1	-51	380	-1.0	13.0	-0.25	0.00	89.0	2.76	-3.0	-4.0	-5.0	-5.0	-1.0	101.0	.	.
2002	3	-157	4	-5.3	1.3	-0.03	0.02	96.7	2.95	-1.3	-0.3	0.3	-0.7	-2.3	99.7	99.0	98.0
2003	1	-137	-536	-9.0	-8.0	0.19	0.15	103.0	2.92	0.0	-4.0	1.0	2.0	-3.0	102.0	102.0	100.0
2004	2	295	630	10.0	14.5	-0.22	-0.08	94.5	3.24	-0.5	-3.5	-2.0	1.5	-4.0	101.0	101.0	.
2005	4	-129	-148	-3.8	-6.5	0.04	-0.02	99.0	2.93	1.5	-1.5	-2.3	3.3	0.0	102.3	100.3	101.5
2006	3	37	309	-2.7	5.0	-0.18	-0.06	96.3	2.98	0.3	0.7	0.3	1.0	-0.7	100.3	100.5	100.0
2007	4	200	235	9.0	8.0	-0.03	0.01	100.5	2.92	0.5	-0.8	-1.3	2.5	-1.5	100.3	97.7	99.0
2008	5	282	403	8.0	12.4	-0.11	-0.00	99.2	2.96	0.2	-1.4	-0.4	-0.2	-2.2	100.6	104.0	.
2009	4	224	448	6.5	13.0	-0.16	-0.04	95.5	3.06	-0.3	-2.5	-0.8	0.5	0.8	100.3	.	.

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Ontario

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1999	170	-471	-240	-13.4	-7.7	-0.05	0.01	97.2	3.01	0.2	0.9	0.5	-1.2	1.3	99.3	98.9	99.7
2000	149	-297	-193	-7.9	-5.9	0.01	0.01	97.5	3.00	0.7	0.0	-0.1	0.2	0.7	100.3	99.3	99.6
2001	148	-374	-283	-11.0	-7.6	0.01	0.03	98.0	3.02	1.2	0.3	-1.0	0.7	1.1	99.9	100.2	100.6
2002	122	-366	-249	-9.6	-6.2	0.01	0.03	98.0	3.04	0.1	-0.5	-1.2	0.1	1.2	99.7	100.4	100.5
2003	142	-83	-102	-2.3	-3.1	0.03	0.01	99.0	2.92	1.2	-0.0	-0.2	1.4	0.8	101.1	100.1	100.1
2004	124	-30	-16	1.4	0.3	0.04	0.02	98.5	2.98	0.6	-0.2	-0.1	0.9	0.6	100.4	99.7	100.3
2005	107	-58	23	1.7	0.6	0.02	0.00	99.5	3.00	0.7	0.5	-0.5	0.5	1.1	99.7	99.8	100.0
2006	99	75	156	4.6	4.9	-0.02	-0.00	98.6	3.01	0.5	0.3	0.9	-0.2	1.5	99.9	100.1	99.4
2007	98	125	82	2.9	4.0	-0.00	0.02	99.0	3.03	1.4	0.0	0.4	1.2	0.6	100.5	101.4	101.0
2008	110	72	78	4.8	3.2	0.02	0.01	98.3	2.98	0.7	-0.4	-0.6	1.2	0.7	100.3	100.1	99.4
2009	62	208	146	8.7	5.2	0.04	0.00	98.9	2.96	0.8	-0.4	-0.1	1.1	0.4	101.0	100.5	100.1

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Alberta

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1999	19	-687	-460	-21.4	-14.3	0.02	0.04	97.5	2.99	-1.1	-1.7	-0.9	-0.9	0.7	100.1	100.7	98.5
2000	3	-814	-503	-31.3	-17.0	-0.01	0.06	99.3	2.98	-2.3	-3.7	-2.3	0.7	-1.7	101.7	.	.
2001	1	-698	-353	-19.0	-12.0	-0.07	0.01	95.0	2.94	2.0	2.0	-1.0	0.0	5.0	98.0	98.0	97.0
2003	1	393	10	2.0	5.0	0.02	0.06	102.0	3.07	6.0	6.0	6.0	1.0	5.0	100.0	105.0	106.0
2004	1	-191	-561	-10.0	-14.0	0.20	0.07	104.0	3.01	0.0	-2.0	1.0	0.0	-3.0	102.0	107.0	.
2006	1	-110	8	5.0	1.0	0.06	0.03	104.0	3.11	-1.0	-2.0	0.0	0.0	-2.0	98.0	.	.
2007	1	-290	356	1.0	10.0	-0.19	-0.02	101.0	3.11	0.0	6.0	1.0	-4.0	-2.0	93.0	97.0	.
2008	1	-533	70	-5.0	1.0	-0.11	-0.02	102.0	3.08	-2.0	1.0	0.0	-5.0	-4.0	95.0	98.0	.
2009	1	-245	55	-3.0	3.0	-0.07	0.02	98.0	3.15	-3.0	-5.0	-4.0	0.0	-4.0	99.0	.	.

Notes:

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British Columbia

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1999	9	-518	-263	-14.1	-7.1	-0.05	0.02	98.0	3.01	1.1	2.2	1.0	-1.2	1.7	98.0	98.0	97.6
2000	7	-228	-152	-4.4	-5.3	0.03	-0.00	99.0	2.98	1.6	0.0	-0.4	1.4	0.6	100.3	99.1	97.6
2001	3	1	1	-1.0	0.3	-0.01	0.01	97.3	2.82	2.0	-0.7	-1.0	2.7	0.0	100.7	99.3	99.0
2002	9	-398	-197	-8.3	-4.4	-0.00	0.03	99.8	3.12	0.2	-0.2	-1.9	0.0	-0.3	97.7	100.7	100.4
2003	5	-463	-91	-0.8	-4.4	0.04	-0.01	97.8	2.96	-2.0	-1.6	-0.8	-2.6	-2.0	97.4	97.4	99.0
2004	5	5	-401	-8.6	-10.8	0.12	0.04	103.0	2.84	5.2	1.6	3.4	6.2	0.6	103.0	99.8	99.8
2005	4	193	221	6.3	4.8	-0.03	-0.03	101.8	2.92	0.8	0.0	-1.0	1.3	0.5	101.3	100.8	101.3
2006	2	-352	-472	-12.5	-10.0	0.11	0.09	99.0	3.06	1.0	0.5	1.5	-1.0	1.0	101.0	101.5	103.5
2007	4	-287	-64	-12.8	-4.8	-0.15	-0.03	96.5	2.96	0.3	0.5	0.3	1.5	-1.5	99.5	100.8	95.7
2008	6	93	39	-0.2	1.8	-0.03	0.01	98.0	2.90	1.8	1.7	2.0	0.8	1.3	102.0	99.2	101.0
2009	6	551	258	13.0	7.3	0.04	-0.01	100.5	2.80	5.3	4.0	2.8	5.0	1.3	102.3	98.3	100.5

Notes:

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