

Provincial genetic trends by birth year for Guernsey cows
Canadian Dairy Network, August 2015

Prince Edward Island

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2009	1	406	-196	-5.0	-3.0	0.05	0.06	103.0	3.01	-5.0	-3.0	-2.0	-5.0	-2.0	97.0	99.0	99.0
2011	1	689	-28	11.0	-3.0	0.19	-0.02	103.0	3.00	2.0	-2.0	1.0	2.0	2.0	101.0	99.0	101.0
2012	1	691	37	16.0	3.0	0.22	0.02	103.0	2.81	-2.0	-4.0	-2.0	0.0	-7.0	101.0	97.0	.

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
2002	3	307	-645	-23.7	-19.0	0.04	0.04	99.0	3.10	-0.7	-0.7	-4.7	-1.3	3.0	99.3	103.0	103.5

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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
2002	32	428	-278	-16.2	-9.5	-0.06	0.01	98.4	3.12	-1.0	-1.0	-1.3	-0.9	0.4	99.4	100.3	101.4
2003	37	508	-161	-14.5	-8.3	-0.11	-0.03	98.3	3.01	-0.3	-0.6	-0.4	-0.5	0.2	101.1	100.6	101.5
2004	31	595	-131	-3.5	-3.4	0.04	0.02	101.2	3.00	0.3	0.0	-0.0	0.3	0.1	100.9	99.1	99.8
2005	50	538	-92	-6.3	-5.2	-0.03	-0.02	100.5	3.06	-0.2	0.2	-0.6	-0.5	1.0	99.9	100.2	100.0
2006	30	597	-91	-4.1	-4.2	-0.00	-0.01	99.3	3.05	0.7	1.2	2.1	-1.1	3.0	100.5	101.0	99.8
2007	32	694	-30	-3.8	-1.3	-0.03	0.00	99.0	2.99	1.4	0.4	1.9	0.1	2.2	102.0	101.6	101.6
2008	48	623	72	0.7	0.4	-0.02	-0.03	99.2	3.02	-0.7	-1.2	-0.4	-0.9	0.9	100.3	100.0	100.3
2009	40	613	-119	-2.2	-3.9	0.05	0.01	100.6	2.95	0.6	0.0	0.2	0.2	1.0	101.0	99.7	100.5
2010	29	714	-93	5.5	-1.9	0.15	0.01	101.1	2.90	2.2	0.6	1.3	1.4	1.1	101.8	99.6	100.8
2011	23	771	61	12.1	2.3	0.14	-0.00	100.5	3.03	2.5	0.1	1.7	2.5	-0.2	100.7	99.8	102.2
2012	18	822	184	8.3	4.8	0.01	-0.02	99.6	2.93	1.8	1.3	1.7	0.7	1.3	102.2	102.1	102.3

Notes:

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2. Production in kg EBV units and conformation in EBV points.
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Quebec

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2002	3	555	-47	-9.7	-0.7	-0.06	0.01	95.3	3.03	-1.0	0.3	1.0	-1.7	-1.3	100.0	98.0	98.0
2003	1	586	-617	-16.0	-10.0	0.14	0.15	100.0	3.04	-1.0	-4.0	1.0	1.0	-3.0	102.0	103.0	.
2004	2	775	545	7.5	10.0	-0.20	-0.11	95.5	3.23	-0.5	-3.0	-1.0	0.5	-4.0	101.5	102.0	.
2005	4	546	-202	-8.0	-9.3	0.01	-0.03	98.3	2.99	1.3	-1.3	-2.0	1.8	0.5	101.5	100.0	101.0
2006	3	617	250	-5.7	2.7	-0.19	-0.07	97.0	2.98	-0.7	0.7	-0.3	-0.7	-0.3	100.0	99.5	98.5
2007	4	718	115	3.5	3.5	-0.02	-0.01	99.8	2.97	0.5	0.3	-0.8	2.3	-1.0	100.5	100.0	99.0
2008	5	730	349	3.6	10.6	-0.13	-0.00	94.8	3.01	-1.2	-1.0	0.0	-2.0	-1.8	100.2	101.0	104.0
2009	4	619	367	-0.5	8.3	-0.22	-0.06	97.5	3.06	-1.5	-2.8	-1.0	-1.5	1.0	99.8	97.7	102.0
2010	4	632	-145	5.0	1.0	0.17	0.09	93.5	2.95	-0.5	-0.3	0.3	-0.8	-1.5	100.5	97.8	102.5
2011	1	810	40	9.0	-1.0	0.12	-0.03	98.0	2.76	7.0	6.0	0.0	6.0	2.0	102.0	99.0	101.0
2012	1	-294	-785	-59.0	-11.0	-0.48	0.26	82.0	4.55	-5.0	-7.0	-3.0	-4.0	-2.0	83.0	.	.

Notes:

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2. Production in kg EBV units and conformation in EBV points.
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Ontario

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2002	122	461	-348	-14.2	-9.8	0.01	0.03	97.4	3.08	0.1	-0.1	-1.0	-0.4	2.1	99.7	100.5	100.8
2003	142	584	-198	-6.5	-6.8	0.03	0.00	98.5	2.98	1.5	0.7	0.0	1.0	1.5	101.1	100.2	100.5
2004	125	598	-136	-3.5	-3.7	0.04	0.02	98.3	3.02	0.6	0.2	-0.2	0.5	1.2	100.5	100.0	100.2
2005	108	549	-139	-5.2	-5.0	0.02	0.00	99.2	3.03	0.5	0.9	-0.4	-0.2	1.9	100.1	99.4	99.5
2006	100	633	45	-0.5	0.6	-0.03	-0.01	98.1	3.04	0.2	0.8	1.0	-0.9	2.1	100.2	100.3	99.2
2007	100	680	-37	-3.3	-0.5	-0.02	0.02	99.3	3.05	1.4	0.7	0.8	0.5	1.6	100.8	102.1	101.3
2008	117	649	-31	-0.3	-0.3	0.02	0.01	98.8	3.01	0.7	0.3	-0.2	0.5	1.7	100.3	100.5	100.0
2009	85	738	125	9.0	3.9	0.05	-0.00	99.2	2.97	0.7	0.3	0.1	0.4	0.8	100.9	100.1	100.0
2010	103	677	-135	2.9	-3.8	0.13	0.01	99.6	2.94	1.4	0.2	0.6	1.2	0.6	101.6	100.3	101.0
2011	94	721	39	4.5	0.1	0.05	-0.02	99.8	2.99	2.4	0.9	1.2	2.4	0.6	101.2	99.8	100.2
2012	88	763	19	6.6	0.3	0.09	-0.00	99.2	2.93	2.8	1.7	1.7	2.1	1.3	102.0	100.1	101.5

Notes:

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Alberta

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2003	1	723	-183	-9.0	-1.0	-0.02	0.07	101.0	3.09	5.0	6.0	5.0	0.0	6.0	99.0	105.0	105.0
2004	1	495	-684	-18.0	-21.0	0.17	0.04	101.0	3.08	0.0	-2.0	2.0	-1.0	-3.0	101.0	106.0	.
2006	1	521	-98	-1.0	-2.0	0.05	0.02	104.0	3.11	-2.0	-2.0	-1.0	-2.0	-3.0	98.0	.	.
2007	1	432	167	-9.0	2.0	-0.23	-0.05	101.0	3.07	0.0	6.0	1.0	-4.0	-1.0	95.0	98.0	.
2008	1	371	-83	-13.0	-8.0	-0.15	-0.07	101.0	3.06	-3.0	2.0	1.0	-5.0	-4.0	98.0	99.0	.
2009	1	603	-23	-5.0	1.0	-0.06	0.02	98.0	3.22	-4.0	-5.0	-4.0	-1.0	-5.0	97.0	106.0	.
2010	1	347	350	-11.0	0.0	-0.37	-0.16	100.0	3.25	-4.0	-1.0	-4.0	-3.0	-3.0	94.0	.	.

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British Columbia

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2002	9	464	-228	-11.6	-6.4	-0.03	0.02	98.8	3.15	0.6	0.6	-1.8	-0.2	0.4	98.1	100.4	100.4
2003	5	439	-102	-3.4	-5.2	0.02	-0.02	97.8	3.02	-2.0	-1.6	-0.2	-2.8	-1.8	98.2	97.4	98.7
2004	5	675	-415	-10.2	-12.2	0.11	0.03	101.8	2.90	4.8	2.2	3.6	5.6	1.4	103.6	100.0	98.8
2005	4	641	117	-1.3	-0.3	-0.08	-0.06	101.8	2.94	0.0	0.5	-1.0	-0.5	1.0	101.3	99.8	100.0
2006	2	507	-435	-15.0	-9.0	0.06	0.09	97.0	3.12	0.5	1.0	1.0	-2.0	2.0	101.0	101.5	103.5
2007	4	473	-139	-21.0	-9.0	-0.23	-0.05	97.8	3.04	0.3	1.5	1.0	0.8	-0.8	99.0	101.0	96.5
2008	6	740	125	-3.7	1.2	-0.13	-0.04	97.2	2.87	2.2	2.5	2.7	0.2	2.7	103.8	100.2	101.8
2009	6	926	349	23.5	10.7	0.13	-0.02	98.3	2.80	5.3	5.3	2.0	4.7	1.3	101.2	97.7	99.0
2010	1	1161	1285	40.0	27.0	-0.18	-0.22	94.0	2.59	-1.0	-1.0	3.0	-1.0	3.0	104.0	100.0	95.0
2011	7	742	46	3.1	-1.3	0.02	-0.04	100.7	2.88	3.0	1.6	2.6	3.3	-0.9	102.6	98.6	98.0
2012	6	532	-10	-7.2	4.0	-0.19	0.06	90.0	3.59	1.7	-0.3	1.0	1.5	0.8	96.3	99.0	101.0

Notes:

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