

Provincial genetic trends by birth year for Guernsey cows
Canadian Dairy Network, August 2016

Prince Edward Island

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2009	1	421	-120	-7.0	-1.0	-0.02	0.05	104.0	3.04	-5.0	-3.0	-2.0	-5.0	-1.0	97.0	99.0	99.0
2011	1	807	5	10.0	-1.0	0.13	-0.02	104.0	3.03	2.0	-3.0	0.0	3.0	1.0	103.0	102.0	102.0
2012	1	801	168	17.0	6.0	0.14	0.00	103.0	2.89	-2.0	-4.0	-2.0	1.0	-7.0	102.0	99.0	.
2013	1	816	227	-1.0	7.0	-0.15	-0.01	105.0	2.89	-1.0	2.0	2.0	-3.0	2.0	103.0	104.0	.

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.

Provincial genetic trends by birth year for Guernsey cows
Canadian Dairy Network, August 2016

Nova Scotia

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2012	1	645	-288	4.0	-3.0	0.23	0.10	100.0	3.03	-2.0	-4.0	-2.0	-1.0	-1.0	102.0	.	.

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.

Provincial genetic trends by birth year for Guernsey cows
Canadian Dairy Network, August 2016

New Brunswick

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2003	37	505	-116	-16.6	-7.6	-0.16	-0.04	98.4	3.03	-0.7	-1.1	-0.7	-0.9	0.2	101.3	101.1	101.6
2004	31	574	-122	-6.7	-3.6	-0.01	0.01	101.4	3.03	0.1	-0.3	-0.5	0.1	0.0	100.7	99.4	99.8
2005	50	514	-72	-9.3	-5.4	-0.08	-0.04	100.7	3.08	-0.4	-0.1	-1.0	-0.7	1.0	99.7	100.1	99.9
2006	30	573	-76	-7.1	-4.1	-0.05	-0.02	99.6	3.07	0.2	0.9	1.5	-1.4	2.9	100.3	101.0	99.7
2007	33	679	-10	-6.0	-0.9	-0.08	-0.00	99.3	3.01	0.8	0.1	1.5	-0.2	1.9	102.0	101.2	101.4
2008	48	610	58	-2.8	-0.2	-0.06	-0.03	98.9	3.04	-0.9	-1.5	-0.7	-0.8	0.9	100.5	99.9	100.2
2009	41	604	-110	-4.8	-3.7	0.00	0.00	100.5	2.98	0.3	-0.3	-0.2	0.1	1.0	101.0	100.0	100.3
2010	29	722	-67	3.4	-1.5	0.10	0.01	101.2	2.94	1.9	0.3	1.2	1.5	1.0	101.9	99.9	100.7
2011	23	768	36	9.6	2.3	0.12	0.02	100.5	3.07	2.2	-0.4	1.0	2.5	-0.5	100.8	99.9	101.5
2012	25	801	190	4.8	4.7	-0.04	-0.02	99.5	2.96	1.8	1.2	1.2	1.1	1.4	102.0	101.0	102.1
2013	22	865	80	13.0	4.2	0.14	0.02	100.2	2.92	2.5	1.0	2.5	2.0	0.2	102.9	100.0	102.6

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.

Provincial genetic trends by birth year for Guernsey cows
Canadian Dairy Network, August 2016

Quebec

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2003	1	618	-490	-14.0	-7.0	0.10	0.13	99.0	3.07	-1.0	-5.0	1.0	1.0	-3.0	102.0	103.0	.
2004	2	750	452	2.0	7.0	-0.23	-0.11	96.0	3.22	-0.5	-3.5	-1.5	1.0	-4.5	101.5	102.5	103.0
2005	4	556	-141	-8.5	-8.0	-0.04	-0.04	98.5	3.01	1.0	-1.8	-2.5	1.8	0.8	101.8	100.0	101.0
2006	3	608	267	-9.0	2.3	-0.24	-0.08	96.3	2.98	-0.7	0.3	-1.0	-1.0	0.0	100.3	100.0	98.5
2007	4	687	114	0.8	3.3	-0.06	-0.02	100.0	3.02	0.3	0.0	-1.5	1.8	-1.0	99.8	100.3	98.3
2008	5	727	409	2.0	11.6	-0.19	-0.01	94.6	3.03	-1.4	-2.0	-0.8	-1.6	-2.2	100.0	100.0	103.0
2009	4	646	389	-3.0	8.3	-0.28	-0.06	97.5	3.07	-1.3	-3.3	-1.3	-0.5	1.5	100.5	97.7	101.5
2010	4	673	-120	4.0	2.8	0.14	0.09	93.5	2.94	0.0	-0.5	0.0	-0.3	-1.5	101.0	97.8	102.0
2011	1	849	63	10.0	0.0	0.10	-0.02	98.0	2.79	8.0	6.0	0.0	7.0	2.0	102.0	99.0	101.0
2012	1	826	1177	17.0	29.0	-0.45	-0.14	91.0	3.14	-5.0	-8.0	-4.0	-4.0	-2.0	97.0	.	.
2013	1	774	169	-9.0	-3.0	-0.22	-0.11	94.0	2.79	6.0	3.0	-1.0	7.0	6.0	105.0	.	.

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.

Provincial genetic trends by birth year for Guernsey cows
Canadian Dairy Network, August 2016

Ontario

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2003	142	572	-169	-9.2	-6.5	-0.02	-0.01	98.5	3.00	1.3	0.3	-0.3	0.9	1.5	101.0	100.2	100.4
2004	125	581	-111	-6.4	-3.5	-0.02	0.01	98.2	3.04	0.4	-0.1	-0.5	0.4	1.3	100.4	99.8	100.2
2005	108	531	-112	-7.9	-4.7	-0.04	-0.01	99.2	3.05	0.1	0.6	-0.9	-0.4	1.9	100.0	99.3	99.5
2006	100	621	66	-3.3	0.7	-0.08	-0.01	98.3	3.06	-0.2	0.5	0.6	-1.2	2.0	100.1	100.4	99.1
2007	100	657	-8	-5.6	-0.0	-0.07	0.01	99.5	3.07	0.9	0.3	0.4	0.2	1.4	100.5	101.6	101.1
2008	117	636	-3	-2.4	0.4	-0.03	0.01	98.8	3.04	0.4	-0.1	-0.6	0.2	1.5	100.2	100.3	99.6
2009	85	741	149	6.3	4.2	-0.00	-0.01	99.2	3.00	0.5	0.1	-0.3	0.4	0.7	101.0	100.2	99.9
2010	105	698	-91	1.1	-2.4	0.08	0.01	99.7	2.98	1.3	-0.1	0.4	1.2	0.7	101.9	100.7	101.4
2011	97	732	73	3.0	1.6	0.01	-0.01	100.5	3.02	2.0	0.5	0.7	2.2	0.3	101.1	100.0	100.4
2012	96	744	79	3.3	1.1	0.01	-0.02	98.5	2.96	2.5	1.6	1.0	1.9	1.1	101.8	99.9	101.4
2013	63	827	90	8.0	4.2	0.06	0.02	98.6	2.96	3.1	1.5	1.4	3.0	0.8	102.2	99.7	101.8

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.

Provincial genetic trends by birth year for Guernsey cows
Canadian Dairy Network, August 2016

Alberta

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2003	1	745	-64	-9.0	1.0	-0.09	0.05	102.0	3.11	5.0	6.0	5.0	0.0	6.0	99.0	105.0	105.0
2004	1	486	-676	-21.0	-21.0	0.13	0.03	101.0	3.14	0.0	-2.0	2.0	-1.0	-3.0	101.0	107.0	.
2006	1	481	-95	-4.0	-3.0	0.01	0.02	104.0	3.16	-2.0	-3.0	-1.0	-2.0	-3.0	97.0	.	.
2007	1	471	244	-10.0	4.0	-0.29	-0.06	102.0	3.08	-1.0	6.0	1.0	-4.0	-1.0	96.0	98.0	.
2008	1	367	-62	-16.0	-7.0	-0.19	-0.07	101.0	3.09	-3.0	2.0	1.0	-5.0	-4.0	98.0	99.0	.
2009	1	533	9	-7.0	1.0	-0.11	0.01	98.0	3.28	-4.0	-5.0	-5.0	-2.0	-6.0	96.0	105.0	.
2010	1	337	378	-13.0	0.0	-0.41	-0.16	100.0	3.26	-4.0	-1.0	-5.0	-3.0	-3.0	94.0	.	.

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.

Provincial genetic trends by birth year for Guernsey cows
Canadian Dairy Network, August 2016

British Columbia

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2003	5	449	-79	-5.8	-5.2	-0.03	-0.03	97.8	3.04	-2.2	-1.8	-0.4	-2.8	-2.0	98.2	98.4	99.7
2004	5	681	-383	-11.4	-11.4	0.09	0.03	101.0	2.93	5.0	2.0	3.8	5.2	1.8	104.2	100.0	99.0
2005	4	593	107	-6.3	-2.0	-0.15	-0.07	102.0	2.97	0.0	0.0	-1.3	-0.3	1.0	101.5	99.0	100.0
2006	2	492	-444	-19.0	-10.0	0.01	0.07	97.0	3.14	0.5	0.0	1.0	-1.5	2.0	101.5	101.5	103.0
2007	4	471	-62	-21.0	-6.5	-0.26	-0.05	97.8	3.08	-0.5	1.0	0.5	0.3	-1.0	98.8	100.8	96.5
2008	6	765	211	-1.7	4.5	-0.15	-0.04	97.2	2.90	1.5	2.5	2.8	-0.3	2.7	103.5	99.4	101.4
2009	6	994	360	25.3	12.5	0.14	0.01	97.8	2.81	5.7	5.3	2.0	4.8	1.8	102.0	97.7	98.6
2010	1	1260	1578	45.0	36.0	-0.30	-0.21	93.0	2.69	-2.0	-1.0	3.0	-2.0	3.0	103.0	100.0	96.0
2011	7	745	67	0.3	-1.0	-0.02	-0.04	99.9	2.92	2.9	1.4	2.4	3.0	-1.0	102.9	99.0	99.4
2012	6	1203	1269	32.7	30.2	-0.27	-0.15	92.8	2.93	2.0	-0.5	1.2	1.8	1.3	104.2	99.8	102.0
2013	8	1001	376	22.4	11.0	0.10	-0.02	99.1	2.90	4.0	1.0	2.5	3.8	0.8	103.8	98.8	100.5

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.