

National genetic trends by birth year for Guernsey cows
Canadian Dairy Network, August 2017

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2004	164	572	-128	-8.1	-4.0	-0.03	0.01	98.3	3.06	0.4	-0.1	-0.3	0.4	1.0	100.2	99.8	99.8
2005	166	510	-105	-9.9	-5.2	-0.07	-0.02	99.2	3.08	-0.0	0.4	-1.0	-0.5	1.5	99.6	99.3	99.2
2006	136	601	14	-6.1	-0.9	-0.09	-0.01	98.1	3.08	-0.1	0.6	0.8	-1.3	2.2	99.8	101.0	98.9
2007	142	644	-22	-7.4	-0.7	-0.09	0.00	98.9	3.08	0.9	0.5	0.6	0.1	1.7	100.4	101.6	100.6
2008	177	630	12	-4.4	0.0	-0.06	-0.00	98.2	3.05	0.2	-0.3	-0.3	-0.1	1.5	100.3	100.5	99.3
2009	138	694	64	1.1	1.8	-0.02	-0.00	99.2	3.00	0.6	0.1	-0.4	0.5	0.8	100.9	100.1	99.4
2010	140	699	-84	-0.5	-2.0	0.05	0.01	99.5	2.97	1.3	0.1	0.4	1.2	0.4	101.9	100.6	100.9
2011	131	737	59	2.0	1.3	-0.00	-0.01	100.4	3.03	1.9	0.2	0.7	2.3	-0.0	101.3	100.2	100.2
2012	131	779	178	5.6	3.8	-0.02	-0.03	98.9	2.97	2.3	1.4	1.1	1.7	1.0	101.7	99.5	101.2
2013	110	824	88	7.5	3.7	0.06	0.01	99.7	2.96	2.8	1.3	1.3	2.6	0.7	102.3	100.4	101.7
2014	66	814	208	9.6	7.1	0.02	0.01	99.8	3.01	1.6	0.7	0.9	1.3	0.5	101.3	99.4	102.0

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2004-2014	24	34	1.8	1.1	0.00	-0.00	0.1	-0.01	0.1	0.1	0.1	0.1	-0.0	0.1	-0.0	0.2	
2009-2014	24	29	1.7	1.1	0.01	0.00	0.1	0.00	0.2	0.1	0.3	0.1	-0.0	0.1	-0.1	0.5	

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.