

National genetic trends by birth year for Guernsey cows
Lactanet Canada, August 2020

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2007	143	627	-140	-11.9	-4.0	-0.08	0.02	98.1	99.2	0.5	0.7	0.6	-0.5	1.8	99.9	101.1	100.2
2008	177	630	-103	-8.9	-3.3	-0.05	0.01	97.4	99.9	-0.1	-0.1	-0.3	-0.5	1.6	100.1	100.4	99.2
2009	139	699	-73	-4.0	-2.0	-0.01	0.01	98.6	101.3	0.5	0.2	-0.4	0.3	0.7	100.8	100.0	99.0
2010	140	706	-241	-6.0	-6.6	0.07	0.03	98.8	101.7	1.0	-0.1	0.2	0.9	0.2	101.8	101.0	100.5
2011	132	749	-85	-2.9	-2.8	0.02	0.00	99.9	100.2	1.6	0.1	0.6	2.0	-0.4	101.1	100.6	99.6
2012	131	793	76	1.5	0.9	-0.02	-0.02	98.6	101.3	1.6	1.1	0.9	1.1	0.7	101.3	100.0	100.8
2013	120	819	-52	1.7	-0.3	0.07	0.02	98.7	102.0	2.0	1.0	0.8	1.9	0.4	101.8	99.9	101.2
2014	82	826	71	2.0	3.0	-0.01	0.01	99.3	100.8	1.7	0.6	0.7	1.5	0.6	101.7	100.3	101.9
2015	101	837	1	2.0	1.9	0.04	0.03	100.4	101.9	1.4	-0.1	0.7	1.4	-0.3	102.2	100.7	101.1
2016	92	875	201	5.4	6.7	-0.04	0.00	100.3	101.9	1.3	0.2	1.1	1.3	0.5	101.7	100.1	101.7
2017	96	913	321	7.7	9.3	-0.07	-0.01	99.6	103.3	1.3	0.1	0.1	1.4	-0.0	102.6	99.3	101.1

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2007-2017	29	46	2.0	1.3	0.00	-0.00	0.1	0.4	0.1	-0.1	-0.0	0.2	-0.2	0.3	-0.2	0.1	
2012-2017	24	49	1.2	1.7	-0.01	0.00	0.2	0.4	-0.1	-0.2	-0.2	0.1	-0.1	0.2	-0.1	0.1	

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.