

National genetic trends by birth year for Guernsey cows
Lactanet Canada, August 2019

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2006	136	588	-81	-10.6	-3.5	-0.10	-0.01	97.5	99.4	-0.3	0.7	0.7	-1.6	2.4	99.8	100.9	98.7
2007	143	628	-106	-11.6	-3.0	-0.10	0.01	98.3	99.2	0.7	0.6	0.6	-0.1	1.9	100.1	101.3	100.4
2008	177	625	-73	-8.7	-2.3	-0.07	0.01	97.8	100.1	0.1	-0.1	-0.3	-0.3	1.7	100.2	100.5	99.3
2009	139	705	-29	-3.1	-0.5	-0.02	0.01	98.9	101.4	0.5	0.2	-0.4	0.5	0.7	101.0	100.3	99.3
2010	140	711	-194	-5.0	-5.0	0.06	0.03	99.2	101.8	1.0	-0.1	0.2	0.9	0.3	102.1	101.1	100.8
2011	132	749	-42	-2.2	-1.5	0.00	0.00	100.3	100.3	1.8	0.2	0.6	2.1	-0.3	101.3	100.7	99.9
2012	131	796	110	2.3	2.1	-0.03	-0.02	98.9	101.5	1.9	1.1	1.0	1.4	0.8	101.6	100.0	101.0
2013	119	825	-8	2.7	1.1	0.05	0.02	99.2	102.3	2.2	1.1	0.9	2.1	0.5	102.0	100.4	101.4
2014	82	835	135	4.3	4.9	-0.02	0.01	99.5	100.7	1.9	0.7	0.7	1.7	0.7	101.7	100.5	101.8
2015	98	833	72	3.8	3.8	0.02	0.02	100.3	101.8	1.5	-0.0	0.5	1.6	-0.2	102.2	100.5	101.2
2016	67	834	139	6.5	4.7	-0.01	0.00	100.1	100.8	1.7	0.3	0.9	1.7	0.5	101.5	99.3	102.1

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2006-2016	25	22	1.7	0.8	0.01	0.00	0.3	0.1	0.2	-0.0	0.0	0.3	-0.2	0.2	-0.2	0.3	
2011-2016	17	36	1.7	1.2	-0.00	-0.00	-0.1	0.1	-0.0	0.0	0.0	-0.1	0.2	0.0	-0.3	0.4	

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.