

National genetic trends by birth year for Guernsey cows
Lactanet Canada, August 2021

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2008	177	632	-63	-8.4	-3.6	-0.07	-0.01	97.6	99.9	-0.1	0.1	-0.2	-0.7	1.9	99.9	100.1	99.0
2009	139	701	-45	-3.7	-2.5	-0.02	-0.01	98.6	101.4	0.4	0.4	-0.3	0.1	1.0	100.6	100.0	99.0
2010	141	700	-212	-6.0	-7.3	0.05	0.00	98.7	101.6	1.1	0.1	0.4	0.8	0.4	101.5	100.7	100.5
2011	132	750	-62	-2.7	-3.6	0.01	-0.02	99.8	100.3	1.7	0.3	0.7	2.0	-0.3	101.0	100.3	99.6
2012	131	784	100	1.4	0.2	-0.03	-0.04	98.5	101.4	1.6	1.3	0.9	0.9	0.7	100.9	99.7	100.7
2013	119	814	-37	1.6	-1.1	0.05	0.01	98.7	102.0	2.1	1.2	0.8	1.9	0.6	101.5	99.8	101.1
2014	84	807	74	0.2	2.1	-0.03	0.00	98.8	100.7	1.6	0.7	0.6	1.3	0.6	101.3	100.1	102.2
2015	103	820	3	0.4	0.6	0.01	0.01	100.2	101.9	1.4	0.1	0.7	1.4	-0.3	101.8	100.6	101.2
2016	93	865	219	3.7	5.5	-0.07	-0.02	99.9	101.5	1.4	0.3	1.2	1.4	0.4	101.6	99.9	101.4
2017	111	921	331	8.6	8.5	-0.06	-0.03	99.6	102.9	1.7	0.1	0.1	1.7	0.3	102.1	99.9	100.1
2018	84	880	234	4.4	5.9	-0.05	-0.01	101.0	102.6	1.7	0.4	0.6	1.4	0.4	102.2	98.8	101.4

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2008-2018	25	30	1.3	0.9	0.00	0.00	0.3	0.3	0.2	0.0	0.1	0.2	-0.1	0.2	-0.1	0.2	
2013-2018	13	54	0.6	1.4	-0.02	-0.00	0.5	0.1	-0.1	-0.2	-0.0	-0.1	-0.0	0.1	-0.2	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.