

National genetic trends by birth year for Guernsey cows
Lactanet Canada, August 2024

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2011	132	762	-256	-5.7	-8.9	0.08	0.00	99.8	99.7	1.1	-0.4	0.5	1.9	-0.6	100.8	100.5	99.6
2012	134	783	-124	-3.0	-5.8	0.04	-0.02	98.4	100.6	1.0	0.5	0.8	0.8	0.4	100.8	99.9	100.8
2013	119	810	-251	-3.0	-7.2	0.11	0.02	98.5	101.3	1.6	0.5	1.1	1.6	0.3	101.4	99.8	101.0
2014	88	804	-129	-5.3	-3.8	0.01	0.01	98.7	100.2	1.2	0.4	0.7	1.1	0.4	101.2	100.5	101.9
2015	107	822	-217	-4.2	-5.5	0.08	0.03	99.8	101.3	1.0	-0.4	0.5	1.4	-0.6	101.9	100.8	101.5
2016	99	868	-27	-1.0	-1.1	0.01	0.00	99.6	101.5	0.9	-0.0	1.2	1.1	0.4	102.0	100.3	101.0
2017	127	948	162	5.1	3.6	-0.01	-0.02	99.8	102.6	1.4	-0.4	0.3	1.6	-0.1	102.6	100.5	100.6
2018	110	904	-2	-0.0	0.1	0.01	0.01	100.5	102.4	1.6	0.3	0.5	1.6	0.2	102.8	100.5	101.7
2019	119	929	60	0.8	1.7	-0.01	-0.00	100.0	102.2	1.9	0.8	0.5	1.7	0.4	103.0	100.8	101.1
2020	128	931	-3	3.2	1.3	0.05	0.02	100.4	102.6	1.4	0.1	0.4	1.5	0.3	102.8	100.4	101.0
2021	61	941	8	1.7	0.1	0.03	0.01	100.9	103.1	2.1	0.5	0.9	2.3	0.0	103.2	100.9	101.8

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2011-2021	18	26	0.7	0.9	-0.00	0.00	0.1	0.3	0.1	0.1	0.0	0.0	0.1	0.2	0.0	0.2	
2016-2021	15	7	0.5	0.3	0.00	0.00	0.3	0.3	0.2	0.1	-0.1	0.2	-0.1	0.2	0.1	0.2	

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.