

## National phenotypic trends by birth year for Guernsey cows Lactanet Canada, August 2023

Year	Number of Cows		ME yields (kg)		
	Milk Fat	Protein	Milk	Fat	Protein
1975	881	3	5117	240.6	232.0
1976	942	4	5215	248.9	284.3
1977	924	26	5339	251.9	217.8
1978	1012	72	5242	247.6	228.6
1979	1018	269	5342	250.5	229.1
1980	1075	469	5430	252.3	230.5
1981	1111	549	5492	259.4	214.4
1982	1178	790	5581	259.4	201.6
1983	1124	1083	5671	262.3	205.4
1984	1124	1123	5930	268.2	212.6
1985	1021	1021	6025	270.6	216.9
1986	1063	1063	6056	273.8	219.8
1987	1068	1068	6060	269.2	216.9
1988	912	912	6167	275.0	221.8
1989	857	857	6483	289.5	231.3
1990	828	828	6576	298.1	233.3
1991	741	741	6542	296.5	231.7
1992	732	732	6723	302.6	236.3
1993	638	638	6644	300.3	237.1
1994	615	615	6820	298.3	240.6
1995	526	526	6937	304.4	244.7
1996	428	428	6812	302.8	239.9
1997	374	374	7075	306.1	246.0
1998	278	278	7172	310.3	247.8
1999	268	268	7334	315.7	254.9
2000	203	203	7515	330.1	259.3
2001	202	202	7359	318.5	250.2
2002	192	192	7255	320.1	248.3
2003	164	164	7407	324.3	251.0
2004	167	167	7562	334.0	258.3
2005	155	155	7651	335.7	258.7
2006	145	145	7690	338.4	259.8
2007	137	137	7789	342.7	265.5
2008	160	160	7806	348.6	265.2
2009	149	149	7666	343.4	259.8
2010	149	149	7380	339.4	250.7
2011	140	140	7232	329.2	244.2
2012	131	131	7526	337.7	250.0
2013	120	120	7913	370.4	270.6
2014	104	104	7941	362.6	270.0

**Notes:**

1. Based on lactation records qualifying for genetic evaluation.
2. Only using first lactation records for 2-yr-old animals.

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Year	Number of Cows		ME yields (kg)		
	Milk Fat	Protein	Milk	Fat	Protein
2015	116	116	7930	365.0	272.7
2016	97	97	8128	372.5	283.2
2017	128	128	8165	375.4	284.4
2018	124	124	8165	371.0	282.4
2019	141	141	7983	353.3	269.9
2020	181	181	7816	355.6	269.7
2021	33	33	7774	352.3	267.4

**Notes:**

1. Based on lactation records qualifying for genetic evaluation.
2. Only using first lactation records for 2-yr-old animals.