

National genetic trends by birth year for Brown Swiss cows
Lactanet Canada, August 2023

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2010	792	956	-165	-7.3	-7.4	-0.00	-0.01	101.4	99.4	-2.4	-1.5	-0.9	-2.6	-0.1	99.6	100.8	101.2
2011	763	967	-162	-7.1	-6.9	-0.00	-0.00	100.9	99.0	-1.9	-0.9	-0.3	-2.2	-0.3	99.5	100.9	100.4
2012	812	981	-155	-6.5	-6.0	0.00	0.00	100.8	99.3	-1.6	-0.9	-0.4	-1.9	-0.1	99.5	100.4	100.1
2013	709	1029	-120	-4.8	-4.8	0.01	0.00	100.5	99.6	-1.0	-0.5	0.3	-1.3	0.0	100.1	100.7	100.6
2014	724	1052	-93	-4.5	-3.6	-0.00	0.00	100.6	100.1	-0.8	-0.6	0.2	-1.1	-0.0	100.3	100.5	100.7
2015	736	1100	-47	-2.2	-2.4	0.00	-0.00	100.4	100.7	-0.1	-0.1	0.2	-0.4	0.8	100.7	100.8	100.7
2016	666	1140	20	0.4	0.4	-0.00	-0.00	100.3	100.6	0.2	0.2	0.2	-0.2	0.7	100.6	100.5	100.2
2017	620	1207	92	3.7	3.9	0.00	0.01	100.2	101.1	0.6	0.6	0.3	0.0	1.0	100.9	101.0	100.3
2018	605	1249	107	4.9	5.5	0.01	0.02	99.5	101.0	1.3	1.1	0.9	0.8	1.3	101.2	100.9	100.6
2019	492	1284	184	5.6	7.9	-0.02	0.01	100.0	101.3	1.1	0.8	0.8	0.6	1.1	101.8	101.9	101.1
2020	400	1298	149	6.1	7.9	0.00	0.02	99.5	101.3	1.9	1.3	1.3	1.4	1.5	101.8	101.4	100.8

Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2010-2020	34	31	1.3	1.5	0.00	0.00	-0.2	0.2	0.4	0.3	0.2	0.4	0.2	0.2	0.1	-0.0	
2015-2020	40	39	1.7	2.1	-0.00	0.00	-0.2	0.1	0.4	0.3	0.2	0.4	0.1	0.2	0.1	0.0	

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.