

**National genetic trends by birth year for Brown Swiss 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	922	806	-151	-6.2	-6.7	0.00	-0.01	98.8	98.4	-3.5	-2.0	-0.5	-4.2	-0.2	99.1	102.0	100.4
2007	825	845	-147	-4.8	-5.7	0.02	0.00	99.4	98.9	-2.9	-1.6	-0.6	-3.4	-0.2	99.3	101.6	100.9
2008	830	882	-144	-3.7	-5.4	0.03	0.00	99.3	99.3	-2.1	-1.4	-0.1	-2.6	0.7	99.8	101.2	101.4
2009	822	895	-76	-3.0	-4.3	0.01	-0.01	99.3	99.0	-1.6	-1.0	-0.3	-2.0	0.1	99.7	101.2	100.6
2010	783	969	-27	-0.7	-1.4	0.01	-0.00	100.0	99.9	-1.2	-0.9	0.1	-1.5	0.4	100.5	101.3	101.5
2011	755	975	-23	-0.6	-1.0	0.01	0.00	99.7	99.4	-0.8	-0.4	0.7	-1.1	0.2	100.3	101.3	100.6
2012	793	996	-13	0.2	0.0	0.01	0.01	99.7	99.6	-0.5	-0.3	0.8	-0.8	0.4	100.3	100.7	100.3
2013	678	1058	37	2.3	1.8	0.01	0.00	99.4	100.0	0.3	0.2	1.4	-0.2	0.6	100.9	101.2	100.8
2014	682	1081	55	2.6	2.8	0.01	0.01	99.5	100.4	0.5	0.2	1.3	0.2	0.6	101.2	101.1	100.9
2015	687	1136	92	5.1	4.2	0.01	0.01	99.6	101.0	1.2	0.8	1.4	0.8	1.7	101.6	101.4	100.9
2016	511	1181	175	7.7	7.3	0.01	0.01	99.2	100.9	1.4	0.8	1.4	0.9	1.4	101.5	101.5	100.2
Annual trends																	
Years	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA	
2006-2016	37	33	1.4	1.4	0.00	0.00	0.0	0.2	0.5	0.3	0.2	0.5	0.2	0.2	-0.1	-0.0	
2011-2016	41	40	1.7	1.7	-0.00	0.00	-0.1	0.3	0.4	0.2	0.1	0.4	0.2	0.3	0.0	-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.