

Provincial genetic trends by birth year for Jersey cows
Canadian Dairy Network, August 2018

Prince Edward Island

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2005	6	891	-264	-20.8	-12.7	-0.10	-0.04	98.7	3.01	2.0	1.5	0.7	2.0	0.7	100.5	98.0	99.2
2006	7	986	-240	-2.0	-6.4	0.15	0.04	97.4	2.98	-0.3	-1.9	-0.1	0.6	0.1	101.1	98.4	98.9
2007	8	1009	-156	-2.3	-4.0	0.09	0.03	98.8	3.04	0.5	1.6	0.4	0.5	-1.1	99.5	98.6	100.0
2008	11	1034	360	2.1	6.4	-0.21	-0.09	99.5	3.05	0.1	-0.9	-0.7	0.4	-0.6	99.1	98.2	98.3
2009	6	962	-77	-6.5	-3.8	-0.03	-0.01	99.5	2.97	0.2	-0.7	-0.8	1.0	1.2	100.3	96.7	95.7
2010	6	1239	387	14.2	15.2	-0.07	0.01	100.3	3.03	1.7	0.3	1.8	1.8	1.0	99.3	96.3	98.5
2011	9	1212	358	13.7	14.1	-0.05	0.01	101.3	3.00	1.0	-0.6	2.0	1.3	0.6	99.1	95.6	98.9
2012	9	1164	442	17.2	14.8	-0.06	-0.03	102.4	3.08	-1.2	0.3	0.0	-1.8	0.6	99.0	101.3	101.4
2013	4	1148	392	22.8	16.0	0.04	0.02	98.5	3.04	-1.0	0.8	-4.0	0.5	-2.8	96.3	95.0	95.0
2014	6	1138	156	0.7	2.8	-0.09	-0.04	100.2	3.04	2.8	1.2	2.7	2.3	1.7	101.2	100.3	100.0
2015	13	1308	156	17.8	10.1	0.14	0.06	99.6	2.99	3.2	1.9	2.2	3.1	1.6	101.5	102.6	100.8

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.

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Canadian Dairy Network, August 2018

Nova Scotia

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2005	44	755	-277	-21.5	-13.9	-0.10	-0.05	99.4	3.06	-2.2	-0.5	-0.4	-2.9	-0.2	99.3	99.5	100.2
2006	36	837	-216	-14.0	-12.9	-0.04	-0.07	100.2	2.97	-0.8	-0.3	0.3	-1.2	-0.4	100.5	99.2	99.0
2007	48	883	-106	-14.2	-8.3	-0.12	-0.06	99.7	3.00	-0.3	0.1	-0.1	-0.6	0.2	100.6	99.2	99.1
2008	57	967	-24	-2.1	-2.5	-0.01	-0.02	99.6	3.03	-0.8	-0.0	-0.8	-0.8	-0.7	99.9	99.7	98.9
2009	50	922	-148	-7.5	-7.5	0.01	-0.03	99.0	2.99	-0.3	-0.6	-0.8	0.0	-0.6	100.4	99.6	98.9
2010	56	1059	28	-0.4	0.3	-0.02	-0.01	100.3	3.01	0.8	-0.1	0.7	1.0	0.9	100.9	99.5	99.3
2011	56	1033	-51	-1.1	-2.3	0.03	-0.00	98.9	3.02	0.8	0.2	0.5	0.9	-0.1	100.8	99.1	99.3
2012	66	1057	-95	3.0	-2.2	0.12	0.02	99.5	2.99	0.8	-0.2	0.4	1.1	0.3	101.0	99.4	99.5
2013	69	1114	96	11.0	4.6	0.09	0.02	99.3	2.97	0.2	0.8	-0.5	0.3	0.4	100.3	99.9	99.5
2014	70	1171	176	12.2	8.4	0.05	0.03	100.0	2.97	0.7	0.2	-0.1	1.0	0.5	100.5	100.3	99.5
2015	73	1235	90	17.7	7.5	0.18	0.06	100.1	2.98	1.9	1.1	1.1	2.1	0.9	100.6	100.6	100.0

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.

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Canadian Dairy Network, August 2018

New Brunswick

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2005	85	793	-145	-17.6	-8.3	-0.14	-0.04	100.9	3.04	-2.9	-1.6	-1.3	-3.1	-0.9	99.2	98.9	99.6
2006	82	818	-210	-14.6	-11.0	-0.05	-0.04	100.1	3.01	-1.9	-1.1	-0.8	-2.3	-0.5	99.9	99.8	99.5
2007	95	870	-201	-13.2	-8.5	-0.04	-0.01	99.7	3.00	-1.6	-0.8	-0.3	-1.9	-0.4	100.5	99.9	99.5
2008	89	895	13	-6.3	-3.4	-0.08	-0.05	100.7	3.02	-2.0	-1.4	-1.5	-2.0	-1.4	99.7	99.8	98.6
2009	86	964	107	-2.0	1.7	-0.09	-0.03	101.4	2.99	-1.9	-1.7	-1.4	-1.7	-0.8	99.8	99.8	99.6
2010	78	1001	115	2.1	2.1	-0.04	-0.03	100.4	3.00	-1.3	-0.2	-0.5	-1.7	-1.0	99.9	99.7	99.3
2011	94	1058	108	4.0	5.7	-0.01	0.03	100.6	3.00	-0.9	-1.2	-0.9	-0.6	-0.9	99.6	99.1	99.0
2012	89	1069	273	7.0	7.5	-0.09	-0.04	101.0	2.98	-1.0	-0.2	-0.4	-1.2	-0.6	99.7	99.8	99.7
2013	89	1145	265	17.8	12.0	0.07	0.03	101.6	2.99	-1.4	-0.3	-1.2	-1.4	-0.6	99.3	99.8	100.6
2014	81	1164	409	16.3	14.0	-0.05	-0.02	100.3	2.99	-0.7	-0.4	-0.8	-0.6	-0.5	99.5	99.8	101.0
2015	80	1306	568	27.8	20.9	-0.01	-0.01	101.5	2.95	0.1	0.1	-0.1	0.6	-0.7	100.4	100.6	101.0

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.

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Canadian Dairy Network, August 2018

Quebec

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2005	1031	857	-211	-14.0	-10.4	-0.04	-0.03	99.4	3.03	-0.7	0.7	-0.1	-1.3	0.3	99.7	99.5	99.6
2006	1102	886	-238	-13.3	-10.5	-0.01	-0.02	99.2	3.02	-0.3	0.7	0.6	-1.0	0.2	100.2	99.8	99.7
2007	1290	902	-208	-11.1	-8.5	-0.00	-0.01	99.2	3.02	-0.4	0.2	-0.4	-0.7	0.4	100.3	99.7	98.5
2008	1356	935	-116	-8.6	-5.9	-0.03	-0.02	99.3	3.00	-0.2	0.1	-0.4	-0.3	-0.0	100.3	99.7	98.6
2009	1491	994	-37	-2.8	-2.0	-0.01	-0.01	99.6	3.00	-0.0	-0.0	-0.3	-0.2	0.5	100.3	99.7	98.7
2010	1670	1034	10	-0.7	0.7	-0.01	0.01	99.4	3.00	-0.0	-0.3	0.0	0.0	0.1	100.5	99.6	99.3
2011	1751	1085	20	3.1	2.0	0.04	0.02	99.6	2.99	0.6	0.1	0.5	0.6	0.5	100.7	99.7	99.3
2012	1676	1115	75	8.1	4.4	0.07	0.02	99.9	2.98	0.2	-0.2	0.2	0.2	0.4	100.8	100.5	100.1
2013	1710	1200	206	14.7	10.1	0.06	0.04	100.1	2.99	0.8	0.5	0.4	0.8	0.9	100.5	100.2	100.6
2014	1695	1247	237	18.2	12.1	0.09	0.05	100.1	2.97	1.3	1.0	0.7	1.2	0.8	100.6	100.6	100.8
2015	1436	1318	297	23.7	15.2	0.12	0.06	100.5	2.96	1.8	1.0	1.0	1.9	0.7	101.1	101.2	101.4

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.

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Ontario

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2005	2139	838	-261	-16.4	-11.9	-0.04	-0.03	99.5	3.04	-0.9	0.2	-0.0	-1.6	0.2	100.0	99.9	99.3
2006	1980	877	-225	-14.0	-10.8	-0.03	-0.03	99.3	3.03	-0.4	0.4	0.7	-1.1	0.3	100.3	99.7	99.6
2007	2123	898	-227	-13.2	-10.4	-0.02	-0.02	99.4	3.02	0.0	0.4	0.4	-0.5	0.8	100.8	99.9	98.9
2008	2138	923	-182	-11.4	-8.5	-0.02	-0.02	99.3	3.01	0.1	0.4	0.5	-0.3	0.5	100.7	99.8	98.7
2009	2253	979	-127	-7.1	-5.3	-0.00	-0.00	99.7	3.00	0.5	0.5	0.7	0.1	0.8	100.8	99.7	98.8
2010	2249	1000	-92	-6.0	-4.3	-0.01	-0.01	99.3	3.01	0.9	0.8	1.1	0.5	0.8	100.7	99.6	99.1
2011	2282	1044	-79	-3.4	-2.9	0.02	0.00	99.1	3.00	1.4	1.3	1.5	1.0	1.2	100.8	99.5	98.7
2012	2218	1085	-21	1.5	-0.2	0.04	0.01	99.6	2.99	1.4	1.0	1.3	1.1	1.3	100.9	99.9	99.2
2013	2111	1135	38	4.9	2.7	0.05	0.02	99.6	3.00	1.7	1.3	1.4	1.5	1.6	100.9	100.0	99.5
2014	1968	1169	108	7.1	5.3	0.03	0.02	99.6	2.99	1.9	1.5	1.3	1.8	1.5	101.0	100.1	99.9
2015	1909	1233	174	12.5	8.5	0.06	0.03	100.0	2.99	2.3	1.5	1.5	2.2	1.3	101.3	100.9	100.6

Notes:

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2. Production in kg EBV units and conformation in EBV points.
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Manitoba

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2005	107	849	26	-5.2	-1.6	-0.08	-0.03	101.4	3.03	-4.0	-2.2	-2.7	-4.0	-2.0	98.4	99.7	100.2
2006	102	882	52	-6.8	-1.4	-0.12	-0.04	100.9	3.04	-2.9	-1.1	-1.6	-3.1	-1.6	98.8	99.8	100.5
2007	91	857	-74	-10.3	-4.9	-0.08	-0.02	99.9	3.02	-2.8	-1.7	-1.7	-2.9	-1.4	99.6	100.1	100.2
2008	83	947	84	0.3	1.7	-0.04	-0.02	100.6	2.99	-2.7	-1.3	-2.1	-2.5	-1.6	99.3	99.2	99.2
2009	88	969	50	-3.0	1.0	-0.07	-0.01	99.9	3.01	-1.7	-1.8	-1.5	-1.3	-1.0	100.1	99.9	99.3
2010	80	997	111	2.8	3.1	-0.03	-0.01	101.6	3.00	-1.7	-1.8	-1.7	-1.0	-1.7	99.4	98.8	98.5
2011	77	1040	54	3.6	3.3	0.02	0.02	100.4	3.01	-0.9	-0.7	-0.8	-0.8	-0.3	100.0	99.6	99.0
2012	76	1087	244	8.9	8.1	-0.04	-0.01	100.3	2.98	-1.0	-1.1	-1.4	-0.5	-1.1	100.1	100.0	100.0
2013	70	1124	201	9.0	7.2	-0.01	-0.00	100.6	3.00	0.4	-0.0	0.0	0.8	0.0	99.9	98.8	99.5
2014	61	1212	320	13.1	11.9	-0.03	0.00	101.6	3.00	1.6	0.9	0.7	1.9	0.4	100.0	98.5	99.7
2015	50	1329	325	25.0	15.7	0.13	0.05	101.9	2.96	2.1	0.8	1.1	2.2	0.6	101.0	100.8	101.6

Notes:

1. Based on all cows with both production and type indexes.
2. Production in kg EBV units and conformation in EBV points.
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Saskatchewan

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2005	61	767	-472	-25.8	-18.3	-0.02	-0.00	99.3	3.05	-0.8	0.3	0.9	-2.0	0.8	100.2	100.1	99.8
2006	28	796	-479	-26.9	-19.5	-0.03	-0.02	99.7	3.02	-0.0	0.1	1.5	-0.6	1.2	101.3	100.5	99.9
2007	32	847	-412	-24.0	-16.7	-0.03	-0.01	98.9	3.07	1.5	1.3	2.2	0.2	1.5	100.3	99.5	98.6
2008	41	837	-361	-19.9	-15.7	-0.02	-0.03	99.4	3.01	0.2	0.4	0.7	-0.3	0.5	100.7	100.3	98.9
2009	21	943	-368	-11.3	-11.6	0.12	0.04	100.7	3.03	0.7	0.0	1.5	0.5	0.6	100.6	100.2	98.5
2010	28	982	-183	-9.9	-6.6	0.00	0.01	99.3	3.03	0.9	0.4	1.4	0.6	0.5	100.9	99.9	99.7
2011	22	1007	-199	-12.5	-8.4	-0.02	-0.01	100.3	2.99	2.5	1.7	2.4	1.8	2.0	102.0	100.4	100.5
2012	22	936	-460	-13.6	-15.4	0.15	0.03	97.0	3.07	1.8	2.3	2.4	1.0	2.5	100.7	100.2	100.1
2013	14	1018	-155	-6.5	-8.3	0.03	-0.03	100.6	3.00	1.9	1.7	1.6	1.7	1.7	101.6	102.6	101.3
2014	20	1122	-176	-4.1	-4.8	0.08	0.03	98.3	3.02	3.6	2.1	3.5	3.8	1.3	101.3	99.4	100.7
2015	24	1212	85	7.5	5.0	0.05	0.03	99.4	2.97	2.7	1.1	2.5	2.8	1.5	102.0	100.8	100.1

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.

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Alberta

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2005	208	835	-277	-14.8	-11.5	-0.01	-0.01	99.6	3.02	-1.4	-0.7	-0.8	-1.6	-0.4	100.0	99.7	99.5
2006	181	851	-261	-15.4	-11.5	-0.02	-0.02	98.1	3.02	-1.1	-0.8	0.0	-1.5	-0.4	100.5	100.4	99.9
2007	180	890	-192	-12.5	-9.4	-0.03	-0.03	99.3	2.99	-0.3	-0.2	-0.1	-0.5	0.1	100.6	99.2	99.3
2008	203	934	-84	-8.3	-5.3	-0.05	-0.03	99.5	3.00	-0.6	-0.7	-0.3	-0.7	-0.3	100.7	99.9	99.2
2009	210	918	-187	-11.0	-8.1	-0.02	-0.01	98.6	3.02	-0.2	-0.5	0.2	-0.4	0.5	100.6	99.9	99.5
2010	215	1012	0	-3.0	-1.0	-0.03	-0.01	98.8	3.00	0.1	-0.2	0.3	-0.1	0.4	100.8	99.6	99.6
2011	209	1047	-17	-1.0	-0.5	0.00	0.00	98.3	3.01	0.9	0.7	0.8	0.7	0.5	100.2	99.6	99.5
2012	215	1082	-16	0.7	0.2	0.03	0.01	99.0	3.00	1.2	0.6	1.0	1.0	1.2	101.0	100.3	100.1
2013	204	1146	110	7.7	4.6	0.04	0.01	99.9	3.00	1.5	1.0	1.0	1.3	0.6	100.6	100.3	100.2
2014	217	1157	153	6.3	6.0	-0.01	0.00	99.9	2.98	1.7	0.9	1.1	1.6	1.2	101.0	100.1	99.8
2015	204	1224	167	10.2	7.6	0.03	0.02	99.9	2.96	2.6	1.7	1.8	2.4	1.5	101.7	101.1	100.7

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.

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British Columbia

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2005	310	836	113	-6.5	-1.5	-0.16	-0.08	100.7	3.05	-3.8	-2.3	-2.4	-3.6	-2.7	98.1	99.0	100.3
2006	312	869	127	-5.9	-1.6	-0.16	-0.09	100.7	3.02	-3.1	-1.9	-1.4	-3.0	-2.2	98.9	99.0	100.3
2007	296	906	106	-4.9	-1.5	-0.13	-0.07	100.7	3.01	-2.3	-1.7	-1.4	-1.9	-1.6	99.5	99.5	100.3
2008	304	917	47	-5.0	-2.2	-0.10	-0.05	100.3	2.99	-2.1	-2.0	-1.3	-1.6	-1.7	100.0	99.4	100.2
2009	334	960	169	-2.7	2.0	-0.15	-0.06	100.6	3.00	-1.8	-1.5	-1.3	-1.5	-1.3	99.8	99.6	100.2
2010	331	994	204	2.6	4.3	-0.10	-0.05	100.5	2.99	-1.8	-1.6	-1.5	-1.4	-1.8	99.4	99.3	100.2
2011	371	1041	289	3.0	6.9	-0.15	-0.05	100.4	2.98	-1.1	-1.1	-1.0	-0.7	-1.1	99.8	99.7	99.8
2012	358	1083	314	7.5	8.3	-0.11	-0.05	100.7	2.99	-0.6	-0.5	-0.8	-0.5	-0.8	99.8	99.9	100.4
2013	355	1173	422	15.3	14.2	-0.07	-0.02	101.1	2.98	-0.4	-0.4	-0.7	-0.2	-0.3	100.0	100.1	100.9
2014	310	1203	480	17.8	16.5	-0.08	-0.02	100.8	2.97	-0.4	-0.5	-0.9	-0.0	-0.7	99.9	100.5	101.2
2015	321	1298	593	25.1	22.3	-0.06	0.00	101.0	2.96	0.1	-0.3	-0.5	0.6	-0.4	100.1	100.4	101.1

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.

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Canadian Dairy Network, August 2018

Newfoundland

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2011	1	1089	-461	6.0	-2.0	0.42	0.22	101.0	2.97	1.0	6.0	0.0	-2.0	3.0	99.0	101.0	99.0
2012	1	1059	-122	-15.0	-9.0	-0.12	-0.06	100.0	2.94	4.0	1.0	0.0	6.0	3.0	105.0	103.0	103.0
2013	1	1183	237	25.0	8.0	0.28	0.04	100.0	2.90	1.0	2.0	-1.0	0.0	0.0	99.0	.	.
2015	1	1287	480	17.0	22.0	-0.10	0.06	101.0	2.96	1.0	2.0	-5.0	2.0	-2.0	101.0	105.0	104.0

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.