

Provincial genetic trends by birth year for Jersey cows
Canadian Dairy Network, August 2015

Prince Edward Island

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2002	16	677	-408	-24.6	-18.5	-0.06	-0.05	99.3	3.01	-0.4	-0.3	0.8	-0.6	-0.6	102.3	101.4	102.4
2003	7	602	-497	-28.4	-22.7	-0.04	-0.06	97.6	2.99	0.4	0.4	0.3	-0.9	-1.7	101.1	100.3	101.3
2004	17	853	72	-4.3	-1.1	-0.11	-0.06	101.4	2.98	-0.1	0.9	-0.2	-0.8	-0.1	99.8	99.1	100.1
2005	6	905	-100	-10.5	-4.7	-0.07	-0.01	99.5	3.00	2.5	1.7	0.5	3.0	0.8	100.5	98.6	100.0
2006	7	1003	-83	7.4	1.1	0.17	0.06	97.9	2.99	0.4	-1.3	0.3	1.6	0.4	100.9	97.7	99.4
2007	8	1026	15	8.0	3.5	0.11	0.05	99.0	3.05	1.1	2.0	0.5	1.3	-0.9	99.6	99.1	100.5
2008	11	1027	497	10.8	13.1	-0.18	-0.08	99.5	3.06	0.5	-0.1	-0.6	0.9	-0.5	98.7	97.2	99.4
2009	6	967	108	3.7	4.3	-0.02	0.00	100.2	2.96	1.0	0.0	-0.8	1.7	1.3	99.5	96.0	96.3
2010	6	1259	523	26.0	21.5	0.01	0.03	100.8	3.01	2.2	1.3	2.0	2.2	1.5	99.0	97.2	97.5
2011	9	1205	449	23.4	19.9	0.02	0.04	101.9	2.98	1.0	-0.2	1.8	1.4	0.2	98.7	95.1	99.2
2012	6	1186	539	29.3	19.8	0.04	-0.00	101.5	3.02	0.2	1.8	0.2	-1.0	1.2	100.2	98.5	102.5

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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Nova Scotia

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2002	39	680	-379	-16.7	-13.6	0.04	0.01	98.9	3.01	-2.4	-1.3	0.1	-3.0	-0.6	99.8	100.0	99.8
2003	44	748	-153	-13.4	-7.0	-0.08	-0.02	101.1	2.99	-2.3	-2.1	-0.2	-2.6	-1.3	100.8	100.8	101.3
2004	37	682	-288	-16.3	-15.1	-0.02	-0.06	101.2	3.07	-1.3	-1.1	0.9	-1.8	-0.1	99.6	101.1	101.0
2005	43	762	-135	-11.9	-7.0	-0.07	-0.03	100.0	3.05	-1.4	-0.1	-0.2	-2.0	0.3	99.7	100.6	101.2
2006	36	838	-85	-4.9	-6.3	-0.01	-0.04	100.6	2.96	-0.1	0.2	0.5	-0.3	-0.2	100.4	99.7	100.2
2007	48	878	30	-5.1	-1.8	-0.09	-0.04	100.3	2.98	0.2	0.6	-0.1	-0.1	0.5	100.9	100.0	100.1
2008	54	969	77	6.3	3.1	0.04	0.01	99.9	3.02	0.1	0.5	-0.6	0.1	-0.4	100.2	100.4	99.5
2009	46	952	-10	2.7	-0.3	0.05	0.00	99.3	2.98	0.6	0.3	-0.3	1.1	-0.0	100.7	100.5	99.2
2010	53	1079	133	9.2	6.5	0.04	0.02	100.4	3.00	1.6	0.4	0.9	2.0	1.0	101.2	100.4	99.8
2011	44	1067	174	10.8	7.7	0.03	0.02	99.1	2.99	1.1	0.7	0.0	1.3	0.2	101.0	100.5	99.8
2012	49	1101	101	14.9	6.6	0.14	0.04	99.6	2.97	1.5	0.9	0.6	1.8	0.5	101.1	100.2	99.5

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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New Brunswick

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2002	53	716	-221	-12.4	-8.6	-0.02	-0.00	101.6	3.03	-2.3	-0.9	-1.1	-2.8	-1.1	98.9	100.3	100.4
2003	87	744	-136	-10.6	-6.1	-0.05	-0.01	101.6	3.03	-2.4	-1.4	-1.2	-2.7	-0.6	99.4	100.6	100.9
2004	60	749	-120	-11.5	-6.0	-0.08	-0.02	101.3	3.03	-1.9	-0.2	-0.7	-2.4	-0.9	99.2	99.7	101.0
2005	82	788	15	-8.7	-1.2	-0.13	-0.03	100.9	3.03	-2.3	-1.1	-1.2	-2.3	-0.9	99.2	99.4	101.1
2006	81	803	-71	-5.7	-4.5	-0.02	-0.02	100.3	3.00	-1.3	-0.8	-0.8	-1.6	-0.4	99.9	100.0	101.0
2007	91	872	-42	-3.4	-1.2	-0.01	0.01	99.9	2.99	-1.0	-0.2	-0.3	-1.2	-0.2	100.5	100.1	100.8
2008	79	894	137	2.5	2.9	-0.05	-0.03	101.1	3.01	-1.4	-0.8	-1.4	-1.2	-1.2	99.8	100.1	99.8
2009	73	964	182	6.1	6.9	-0.03	0.00	101.5	3.00	-1.0	-1.1	-1.1	-0.9	0.0	100.2	100.6	100.3
2010	61	1002	215	10.6	7.6	0.01	-0.00	100.8	2.97	-0.4	0.7	-0.5	-0.8	-0.4	99.9	100.0	99.7
2011	71	1080	235	13.6	12.2	0.03	0.05	100.5	2.97	-0.2	-0.5	-0.7	0.1	-0.4	100.3	100.4	100.0
2012	68	1071	344	16.0	13.1	-0.01	0.00	100.9	2.97	-0.1	0.6	-0.7	-0.3	-0.3	99.6	99.9	100.5

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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Quebec

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2002	834	711	-302	-14.3	-10.7	0.02	0.01	100.4	3.03	-1.9	-0.2	-0.7	-2.7	-0.1	99.6	100.4	100.8
2003	901	729	-270	-15.7	-10.5	-0.03	-0.00	99.9	3.05	-1.2	0.1	-0.2	-1.9	0.2	99.8	100.6	100.6
2004	999	785	-173	-11.5	-7.9	-0.04	-0.02	99.9	3.04	-0.5	0.6	0.1	-1.1	0.3	99.9	100.3	100.3
2005	1026	854	-69	-4.9	-3.7	-0.02	-0.01	99.9	3.02	-0.0	1.1	-0.0	-0.5	0.4	99.7	99.9	100.4
2006	1095	881	-95	-4.5	-3.8	0.01	0.00	99.7	3.01	0.3	1.1	0.7	-0.3	0.4	100.1	100.1	100.6
2007	1270	905	-65	-2.0	-1.8	0.02	0.01	99.7	3.01	0.3	0.7	-0.2	0.1	0.6	100.4	100.4	99.1
2008	1323	940	21	0.6	0.8	0.00	0.00	99.8	3.00	0.4	0.6	-0.2	0.5	0.3	100.3	100.3	99.0
2009	1429	1001	103	6.4	4.8	0.02	0.02	100.1	2.99	0.6	0.5	-0.1	0.5	0.8	100.3	100.3	99.0
2010	1543	1047	155	8.5	7.6	0.02	0.03	99.9	2.99	0.7	0.4	0.3	0.7	0.5	100.5	100.2	99.5
2011	1619	1101	163	12.9	9.0	0.07	0.04	100.2	2.97	1.3	0.8	0.7	1.2	0.8	100.7	100.3	99.7
2012	1362	1133	234	17.9	11.8	0.09	0.05	100.6	2.97	0.9	0.7	0.4	0.8	0.9	100.8	101.1	100.2

Notes:

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

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2002	2166	736	-190	-10.6	-7.6	-0.01	-0.00	100.5	3.04	-2.1	-0.6	-0.8	-2.8	-0.2	99.1	100.0	100.3
2003	1995	764	-165	-11.1	-7.3	-0.03	-0.01	99.8	3.05	-1.2	-0.1	-0.4	-1.8	0.0	99.6	100.0	100.3
2004	2165	795	-164	-10.8	-7.3	-0.03	-0.01	99.9	3.04	-0.5	0.5	0.4	-1.2	0.4	99.9	100.0	100.1
2005	2131	841	-106	-6.7	-4.7	-0.01	-0.01	100.0	3.03	-0.2	0.6	0.1	-0.7	0.4	100.0	100.2	100.2
2006	1963	880	-74	-4.4	-3.7	-0.00	-0.01	99.7	3.02	0.3	0.8	0.8	-0.2	0.5	100.3	100.1	100.4
2007	2104	905	-75	-3.6	-3.3	0.01	-0.00	99.9	3.00	0.7	0.9	0.5	0.4	0.9	100.9	100.5	99.4
2008	2103	932	-35	-1.5	-1.5	0.01	0.00	99.8	3.00	0.9	0.9	0.6	0.7	0.7	100.7	100.3	99.0
2009	2206	986	21	2.3	1.6	0.02	0.01	100.1	2.99	1.2	1.0	0.7	1.0	1.0	100.8	100.4	99.1
2010	2181	1008	53	3.3	2.5	0.02	0.01	99.8	3.00	1.6	1.3	1.1	1.3	1.0	100.7	100.2	99.1
2011	2142	1055	53	6.2	3.8	0.06	0.03	99.7	2.99	2.1	1.9	1.5	1.8	1.4	100.9	100.2	98.7
2012	1911	1089	95	9.7	5.5	0.08	0.03	100.0	2.98	2.2	1.8	1.4	2.0	1.6	101.0	100.7	98.9

Notes:

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Manitoba

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2002	113	762	25	-3.2	-0.4	-0.06	-0.02	100.2	3.03	-3.8	-1.5	-2.1	-4.1	-1.5	98.4	99.3	100.0
2003	146	746	-131	-10.7	-5.4	-0.05	-0.00	100.4	3.01	-2.7	-1.3	-1.3	-3.1	-1.4	99.8	100.7	100.6
2004	106	796	43	-5.0	-1.1	-0.10	-0.04	100.9	3.02	-2.6	-1.1	-1.3	-2.7	-1.6	99.3	100.7	101.2
2005	107	858	187	4.6	5.6	-0.06	-0.02	101.7	3.02	-3.4	-1.8	-2.5	-3.3	-1.7	98.8	100.4	101.3
2006	102	892	211	3.1	5.8	-0.10	-0.03	101.2	3.03	-2.2	-0.7	-1.4	-2.4	-1.4	99.1	100.6	101.7
2007	89	866	91	-0.5	2.5	-0.06	-0.01	100.2	3.01	-2.2	-1.1	-1.6	-2.2	-1.1	99.9	101.2	101.6
2008	82	952	257	9.8	8.9	-0.03	-0.01	101.0	2.97	-2.1	-0.9	-1.9	-1.8	-1.3	99.4	99.8	100.1
2009	86	982	227	7.3	8.8	-0.05	0.01	100.3	3.00	-1.1	-1.3	-1.4	-0.7	-0.8	100.1	100.5	99.8
2010	76	1005	220	12.1	8.9	0.02	0.01	101.4	2.98	-0.8	-1.3	-1.5	-0.0	-1.4	99.6	98.9	98.7
2011	74	1035	192	12.2	9.4	0.04	0.03	100.5	2.99	-0.4	-0.3	-0.6	-0.3	-0.3	100.0	99.9	100.3
2012	49	1044	396	14.2	13.4	-0.08	-0.02	100.4	2.98	-0.8	-0.2	-1.8	0.0	-1.0	99.4	100.3	100.6

Notes:

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Saskatchewan

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2002	50	736	-176	-7.8	-5.7	0.02	0.02	101.6	3.02	-2.8	-1.6	-1.8	-3.2	-0.8	98.7	99.1	99.6
2003	84	695	-311	-20.4	-13.6	-0.07	-0.03	100.5	3.03	-1.0	-0.7	0.2	-1.4	-0.1	100.6	100.4	101.0
2004	80	707	-297	-19.2	-12.5	-0.06	-0.02	99.6	3.06	-0.9	-0.4	-0.1	-1.3	0.4	99.9	100.5	100.1
2005	61	770	-300	-15.8	-10.8	-0.00	0.01	99.6	3.04	-0.2	0.7	1.0	-1.1	0.9	100.2	100.3	100.2
2006	28	787	-315	-17.1	-12.4	-0.02	-0.01	99.7	3.03	0.6	0.5	1.4	0.3	1.0	101.2	100.6	101.1
2007	32	846	-254	-13.7	-9.5	-0.00	0.00	99.4	3.07	2.1	1.9	2.2	0.9	1.7	100.4	100.0	99.4
2008	41	844	-197	-9.7	-8.1	0.01	-0.01	99.6	3.00	1.0	1.0	0.8	0.7	0.7	100.5	100.3	98.4
2009	20	943	-204	-1.4	-4.5	0.14	0.05	100.9	3.01	1.3	0.7	1.5	1.3	0.8	100.4	99.6	98.1
2010	25	957	-76	-1.5	-2.2	0.04	0.01	99.8	3.01	1.7	0.9	1.5	1.4	0.8	100.9	99.7	99.0
2011	23	975	-90	-4.6	-3.1	0.01	0.01	100.6	2.99	2.7	2.2	1.7	2.3	1.9	101.7	100.7	100.5
2012	20	931	-307	-8.4	-9.0	0.11	0.04	97.7	3.04	2.9	2.8	2.5	2.6	2.7	100.9	100.4	98.5

Notes:

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Alberta

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2002	201	703	-209	-13.9	-8.7	-0.04	-0.01	99.6	3.03	-2.5	-1.3	-1.2	-2.9	-0.9	99.3	100.4	100.3
2003	179	739	-213	-13.4	-9.3	-0.04	-0.02	99.2	3.03	-1.3	-0.3	-0.7	-1.7	-0.2	99.9	100.4	101.4
2004	204	767	-88	-9.9	-6.0	-0.08	-0.04	99.7	3.05	-1.5	-0.8	-0.7	-1.8	-0.3	99.6	100.1	100.8
2005	208	839	-122	-5.3	-4.4	0.02	0.00	99.9	3.01	-0.7	-0.3	-0.6	-0.7	-0.2	100.1	100.0	100.4
2006	180	845	-118	-6.3	-4.9	-0.00	-0.00	98.5	3.02	-0.5	-0.4	0.1	-0.7	-0.0	100.5	100.6	100.8
2007	179	890	-54	-3.3	-3.0	-0.00	-0.01	99.7	2.98	0.4	0.1	-0.0	0.4	0.3	100.7	99.8	99.9
2008	201	939	47	0.8	1.2	-0.02	-0.00	99.8	3.01	0.2	-0.1	-0.1	0.2	0.1	100.7	100.5	99.9
2009	208	918	-39	-1.7	-1.2	0.01	0.01	99.0	3.01	0.3	-0.2	0.2	0.3	0.6	100.6	100.8	100.1
2010	204	1018	157	5.9	6.0	-0.02	0.00	99.3	3.00	0.8	0.5	0.3	0.7	0.7	100.7	100.2	99.7
2011	186	1053	107	7.9	5.8	0.04	0.03	98.8	3.01	1.5	1.2	1.0	1.4	0.8	100.2	100.3	99.5
2012	167	1130	172	12.8	9.1	0.06	0.04	100.1	3.01	2.1	1.7	1.4	1.8	1.8	100.9	101.3	100.4

Notes:

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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
2002	251	733	169	-2.8	2.0	-0.15	-0.06	101.2	3.04	-4.8	-3.1	-3.2	-4.6	-2.7	97.9	99.7	101.3
2003	266	766	304	-0.8	5.6	-0.22	-0.08	101.2	3.07	-4.6	-2.9	-3.2	-4.3	-3.1	97.6	99.3	101.6
2004	319	810	256	-0.7	4.0	-0.18	-0.08	101.5	3.03	-3.3	-1.7	-1.8	-3.3	-1.9	98.5	99.6	101.6
2005	308	838	256	2.6	5.3	-0.14	-0.06	101.0	3.05	-3.1	-1.8	-2.3	-2.8	-2.4	98.2	99.5	101.6
2006	306	867	257	2.9	4.8	-0.13	-0.07	101.0	3.02	-2.3	-1.4	-1.2	-2.2	-1.9	98.9	99.3	101.4
2007	296	915	248	4.7	5.4	-0.10	-0.05	101.0	3.01	-1.5	-1.2	-1.3	-1.2	-1.2	99.7	100.3	101.4
2008	298	915	181	3.9	4.3	-0.07	-0.03	100.7	2.99	-1.5	-1.5	-1.2	-0.9	-1.4	100.0	100.2	101.0
2009	325	976	296	6.6	8.5	-0.11	-0.04	100.9	3.00	-0.8	-0.7	-0.9	-0.5	-0.7	100.0	100.4	101.1
2010	315	1006	339	11.9	11.0	-0.06	-0.02	100.9	2.99	-1.0	-1.1	-1.3	-0.6	-1.5	99.5	99.9	100.8
2011	352	1057	418	12.5	13.6	-0.11	-0.03	100.8	2.98	-0.3	-0.4	-0.8	0.1	-0.8	100.0	100.3	100.8
2012	307	1098	467	16.7	15.3	-0.09	-0.03	101.2	2.98	0.2	0.3	-0.8	0.5	-0.7	99.8	100.6	101.2

Notes:

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Canadian Dairy Network, August 2015

Newfoundland

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2011	1	1035	-292	7.0	4.0	0.31	0.23	101.0	2.95	1.0	5.0	-1.0	0.0	3.0	98.0	99.0	97.0
2012	1	1093	52	8.0	-2.0	0.08	-0.06	101.0	2.91	5.0	2.0	0.0	7.0	4.0	103.0	102.0	97.0

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.