

Provincial genetic trends by birth year for Jersey cows
Canadian Dairy Network, August 2014

Prince Edward Island

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2001	7	654	-249	-19.3	-15.1	-0.10	-0.09	98.3	3.06	-0.6	-0.6	0.4	-1.3	-1.0	100.3	102.9	101.2
2002	16	687	-373	-22.1	-16.7	-0.05	-0.04	99.0	3.01	0.1	0.1	0.8	-0.1	-0.5	101.5	101.6	102.6
2003	8	705	-231	-16.4	-13.1	-0.06	-0.07	98.6	2.99	0.6	0.8	0.4	-0.3	-1.5	100.1	99.5	101.8
2004	17	839	90	-3.6	-0.8	-0.11	-0.06	100.9	2.99	0.6	1.2	-0.1	-0.2	0.1	99.5	99.4	99.8
2005	6	892	-80	-9.5	-4.0	-0.08	-0.02	98.8	3.02	3.0	2.0	0.5	3.5	1.0	100.5	99.0	99.8
2006	7	951	-83	6.6	0.3	0.16	0.05	97.9	3.00	1.3	-1.3	0.4	1.7	0.7	101.0	97.6	99.4
2007	8	978	124	6.1	4.3	0.01	-0.00	98.5	3.04	2.0	2.9	1.6	1.8	-0.3	99.1	97.9	98.6
2008	10	1026	460	12.0	13.3	-0.14	-0.05	99.0	3.05	1.3	0.1	0.0	2.1	-0.3	99.3	97.4	98.5
2009	6	992	147	5.3	5.7	-0.03	0.00	100.0	2.95	1.5	0.5	-0.3	2.3	1.7	100.0	97.3	96.5
2010	8	1301	749	33.1	29.9	-0.05	0.03	99.6	3.03	2.4	1.6	2.6	2.4	1.9	99.1	96.0	98.1
2011	7	1195	564	30.7	23.6	0.05	0.03	102.0	2.98	1.3	-0.1	1.9	2.0	-0.1	97.7	94.0	98.8

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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Nova Scotia

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2001	28	763	-102	-2.8	-0.3	0.04	0.06	100.6	3.00	-4.3	-2.2	-1.4	-4.4	-2.2	98.9	101.1	101.3
2002	39	691	-327	-13.6	-11.2	0.04	0.02	98.6	3.01	-1.9	-0.9	0.2	-2.5	-0.4	99.3	100.0	99.7
2003	44	747	-133	-11.5	-6.0	-0.07	-0.02	100.9	2.99	-1.8	-1.8	-0.1	-2.0	-1.2	100.2	100.8	101.6
2004	37	680	-274	-13.8	-13.6	0.00	-0.05	100.2	3.07	-0.9	-0.9	1.2	-1.4	0.1	99.4	101.0	100.7
2005	43	760	-103	-9.6	-4.9	-0.06	-0.02	99.3	3.06	-0.9	0.3	0.0	-1.5	0.6	99.6	100.7	100.9
2006	35	855	-43	-3.3	-3.9	-0.01	-0.04	100.3	2.98	0.3	0.4	0.9	0.2	0.0	100.4	100.1	100.4
2007	45	909	143	-1.1	2.2	-0.11	-0.04	100.2	2.98	0.8	0.9	0.3	0.5	0.8	100.6	100.0	100.3
2008	53	994	115	9.4	5.5	0.06	0.02	99.9	3.01	0.8	1.0	-0.2	0.9	-0.0	100.4	100.3	99.6
2009	45	1012	102	7.8	4.0	0.05	0.01	99.0	2.98	1.5	0.8	0.1	1.9	0.3	101.1	101.0	99.5
2010	52	1103	169	11.7	8.3	0.05	0.03	100.1	2.97	2.2	1.0	1.2	2.5	1.2	101.6	101.0	99.7
2011	42	1081	191	12.6	8.6	0.05	0.02	98.8	2.99	1.8	1.2	0.4	2.2	0.7	101.6	100.7	99.8

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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New Brunswick

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2001	59	656	-294	-15.3	-10.0	-0.01	0.02	103.2	2.99	-3.3	-1.5	-1.4	-3.7	-0.9	99.4	101.3	101.6
2002	53	713	-217	-10.3	-7.6	0.01	0.01	102.8	3.02	-1.9	-0.6	-0.9	-2.2	-0.8	98.4	100.6	100.6
2003	87	739	-129	-9.3	-5.2	-0.03	-0.00	103.0	3.01	-1.9	-1.2	-1.0	-2.0	-0.4	99.3	100.8	101.0
2004	60	735	-139	-10.6	-5.8	-0.05	-0.01	102.3	3.01	-1.4	0.1	-0.5	-1.8	-0.7	98.9	99.8	101.0
2005	82	762	-33	-8.2	-1.9	-0.09	-0.01	101.9	3.02	-1.8	-0.9	-1.0	-1.8	-0.7	99.2	99.6	100.9
2006	79	799	-98	-4.4	-4.0	0.01	-0.00	101.0	3.00	-0.8	-0.5	-0.7	-0.9	-0.4	99.9	100.0	101.0
2007	90	882	-27	-1.1	0.1	0.01	0.02	101.1	2.97	-0.4	0.0	0.1	-0.6	-0.1	100.5	100.2	100.6
2008	75	909	128	5.1	3.7	-0.01	-0.01	102.1	2.99	-0.6	-0.5	-1.0	-0.3	-0.9	99.8	100.2	99.3
2009	66	983	230	8.4	9.3	-0.04	0.01	102.4	2.96	-0.4	-0.6	-0.8	-0.2	0.2	100.3	100.8	100.2
2010	56	1046	257	14.9	10.8	0.04	0.02	101.5	2.96	0.4	1.3	-0.1	0.0	0.3	100.0	100.6	99.6
2011	39	1069	221	12.8	11.4	0.03	0.05	100.3	2.95	0.5	0.1	-0.3	0.7	-0.1	100.6	100.9	100.3

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
2001	673	672	-310	-16.1	-11.5	-0.01	0.00	100.8	3.02	-1.5	-0.1	-0.8	-2.1	-0.1	99.1	100.5	100.5
2002	833	709	-286	-12.6	-9.4	0.03	0.02	100.8	3.02	-1.4	0.0	-0.5	-2.2	0.1	99.2	100.6	100.9
2003	895	727	-259	-14.2	-9.3	-0.01	0.01	100.1	3.04	-0.7	0.4	-0.0	-1.3	0.4	99.6	100.8	100.7
2004	995	783	-151	-9.7	-6.5	-0.03	-0.01	99.9	3.04	-0.1	1.0	0.3	-0.5	0.5	99.7	100.4	100.4
2005	1017	857	-42	-2.9	-2.0	-0.01	-0.00	99.8	3.02	0.5	1.5	0.2	0.0	0.5	99.6	100.1	100.4
2006	1082	880	-78	-2.9	-2.5	0.02	0.01	99.6	3.01	0.8	1.5	0.9	0.3	0.6	100.1	100.3	100.5
2007	1253	914	-35	-0.1	-0.2	0.03	0.02	99.6	3.00	0.8	1.1	-0.0	0.7	0.8	100.5	100.6	99.1
2008	1300	958	58	3.0	2.7	0.01	0.01	99.7	2.99	1.1	1.0	0.1	1.1	0.5	100.6	100.5	99.0
2009	1375	1021	135	8.9	6.8	0.04	0.03	99.8	2.99	1.3	1.1	0.1	1.3	1.1	100.5	100.6	98.7
2010	1453	1069	196	11.5	9.7	0.03	0.04	99.6	2.98	1.4	0.9	0.6	1.4	0.9	100.9	100.5	99.3
2011	1378	1126	215	15.7	11.4	0.08	0.05	99.8	2.97	1.8	1.3	1.0	1.8	1.1	101.2	100.7	99.8

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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Ontario

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2001	2196	711	-166	-9.8	-6.7	-0.02	-0.01	100.5	3.02	-2.1	-0.8	-1.1	-2.5	-0.7	98.9	100.1	100.4
2002	2163	740	-149	-7.9	-5.4	-0.00	0.00	100.8	3.03	-1.7	-0.3	-0.7	-2.2	-0.1	98.8	100.2	100.4
2003	1994	772	-116	-8.3	-5.0	-0.03	-0.01	100.0	3.04	-0.7	0.2	-0.2	-1.2	0.2	99.4	100.2	100.4
2004	2156	803	-114	-7.8	-5.0	-0.02	-0.01	100.0	3.04	-0.1	0.7	0.6	-0.6	0.6	99.7	100.1	100.1
2005	2121	854	-55	-3.6	-2.4	-0.01	-0.00	100.1	3.02	0.3	0.9	0.3	-0.1	0.6	99.9	100.4	100.2
2006	1954	895	-22	-1.5	-1.3	0.00	-0.00	99.9	3.01	0.8	1.1	1.0	0.4	0.7	100.3	100.2	100.5
2007	2095	933	-9	-0.0	-0.4	0.01	0.00	99.9	2.99	1.2	1.2	0.7	1.0	1.1	101.0	100.6	99.5
2008	2073	962	37	2.4	1.6	0.02	0.01	100.0	2.99	1.4	1.2	0.8	1.3	1.0	100.7	100.5	98.9
2009	2167	1022	83	6.3	4.6	0.04	0.02	100.2	2.97	1.7	1.4	1.0	1.6	1.2	100.9	100.7	98.9
2010	2118	1041	119	7.4	5.7	0.03	0.02	99.7	2.98	2.1	1.8	1.3	1.8	1.4	100.9	100.5	99.0
2011	1879	1089	133	10.1	7.0	0.06	0.03	99.5	2.97	2.6	2.2	1.6	2.4	1.7	101.2	100.7	98.8

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
2001	104	709	5	-5.0	-1.9	-0.07	-0.03	101.7	2.99	-3.8	-2.0	-2.4	-3.8	-1.8	98.7	99.9	100.6
2002	113	766	66	-0.4	2.0	-0.05	-0.01	100.8	3.01	-3.3	-1.2	-1.9	-3.5	-1.4	98.1	99.4	99.9
2003	146	755	-116	-8.2	-3.6	-0.03	0.01	100.8	3.00	-2.2	-1.1	-1.1	-2.5	-1.2	99.3	100.9	100.7
2004	106	800	55	-2.5	0.3	-0.07	-0.03	101.5	3.00	-2.2	-0.8	-1.2	-2.2	-1.5	99.3	100.8	101.2
2005	107	857	206	7.0	7.4	-0.04	-0.00	102.3	3.00	-2.9	-1.6	-2.4	-2.8	-1.7	98.8	100.6	101.1
2006	101	874	213	4.4	6.7	-0.08	-0.02	101.3	3.03	-1.7	-0.4	-1.2	-1.8	-1.2	99.0	100.6	101.4
2007	88	865	106	1.5	3.7	-0.05	0.00	100.4	3.01	-1.8	-0.8	-1.4	-1.7	-0.9	100.1	101.3	101.7
2008	83	958	267	11.6	10.4	-0.02	0.01	101.0	2.96	-1.5	-0.6	-1.7	-1.2	-1.1	99.6	100.0	99.8
2009	83	998	238	9.4	10.0	-0.03	0.02	100.3	2.99	-0.4	-0.7	-1.1	-0.0	-0.4	100.7	101.2	99.7
2010	73	1031	263	16.0	11.3	0.05	0.02	101.8	2.95	-0.3	-1.1	-1.4	0.5	-1.0	100.0	99.7	98.8
2011	49	1065	274	14.8	13.2	0.02	0.04	100.3	2.98	-0.2	-0.4	-0.1	-0.2	0.2	100.8	101.0	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.
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Saskatchewan

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2001	62	718	-187	-10.3	-7.2	-0.01	-0.00	102.7	3.01	-1.9	-0.9	-0.6	-2.1	-0.9	98.8	100.0	101.4
2002	50	750	-113	-4.5	-2.8	0.02	0.02	103.3	3.00	-2.3	-1.2	-1.6	-2.6	-0.7	98.2	99.3	99.9
2003	84	720	-257	-16.9	-11.0	-0.06	-0.02	102.6	3.00	-0.5	-0.4	0.3	-0.8	-0.0	100.1	100.6	101.0
2004	80	700	-296	-17.9	-12.0	-0.04	-0.01	101.0	3.04	-0.3	-0.0	0.1	-0.7	0.6	99.7	100.6	100.3
2005	61	769	-284	-14.2	-9.8	0.01	0.02	100.6	3.02	0.3	1.0	1.2	-0.5	1.0	100.0	100.4	100.1
2006	28	807	-271	-13.8	-10.1	-0.00	0.00	101.1	3.01	1.3	0.9	1.7	0.9	1.2	100.8	100.7	101.3
2007	32	881	-177	-8.7	-6.0	0.01	0.01	100.4	3.04	2.5	2.1	2.3	1.5	1.9	100.3	100.1	99.8
2008	43	841	-219	-9.2	-8.4	0.03	-0.00	100.6	2.99	1.6	1.3	1.0	1.4	0.9	100.6	100.6	98.7
2009	21	947	-189	-0.5	-3.7	0.14	0.05	102.8	2.95	1.7	1.0	1.4	1.9	0.6	100.3	100.2	98.5
2010	30	976	-80	-0.2	0.5	0.06	0.06	100.6	2.97	1.8	0.9	1.3	1.6	1.3	100.7	100.2	98.1
2011	23	1012	-71	1.0	-0.2	0.09	0.04	101.5	2.96	2.8	2.1	2.1	2.5	1.5	101.2	100.1	98.5

Notes:

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

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2001	210	633	-259	-17.0	-10.8	-0.06	-0.01	101.7	3.04	-2.3	-0.9	-1.4	-2.7	-0.4	98.5	100.6	100.2
2002	201	702	-205	-12.3	-7.7	-0.03	0.00	100.5	3.02	-2.0	-1.0	-1.1	-2.3	-0.7	99.0	100.4	100.3
2003	179	742	-194	-11.9	-7.9	-0.03	-0.01	100.1	3.02	-0.8	-0.1	-0.5	-1.2	-0.0	100.1	100.6	101.4
2004	204	746	-94	-9.6	-5.6	-0.07	-0.03	100.2	3.04	-1.0	-0.5	-0.5	-1.2	-0.1	99.4	100.3	100.6
2005	208	835	-117	-4.5	-3.8	0.02	0.01	100.6	3.00	-0.1	0.0	-0.5	-0.1	-0.0	100.1	100.2	100.3
2006	179	848	-89	-4.5	-3.2	0.01	0.00	98.8	3.03	-0.0	0.0	0.3	-0.1	0.1	100.5	100.7	100.7
2007	179	893	-54	-2.3	-2.2	0.01	-0.00	99.9	2.98	0.9	0.4	0.2	1.0	0.5	100.7	100.1	99.8
2008	197	933	35	1.5	1.6	0.00	0.01	99.9	3.00	0.7	0.2	0.0	0.8	0.3	100.8	100.7	99.7
2009	206	905	-87	-2.5	-1.9	0.03	0.02	99.0	3.01	0.9	0.2	0.5	0.9	0.8	101.0	101.0	100.0
2010	201	1015	158	7.0	6.7	-0.00	0.01	98.8	3.00	1.3	0.9	0.6	1.2	0.9	101.0	100.6	99.6
2011	161	1059	148	10.6	7.8	0.05	0.03	98.2	3.00	1.7	1.5	1.1	1.5	0.8	100.7	101.0	99.5

Notes:

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2. Production in kg EBV units and conformation in EBV points.
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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
2001	255	658	206	-4.7	1.3	-0.21	-0.09	102.3	3.00	-5.1	-3.5	-3.5	-4.7	-3.3	98.0	99.5	102.1
2002	251	704	154	-2.3	2.0	-0.13	-0.05	101.9	3.02	-4.4	-2.9	-3.0	-4.1	-2.6	97.9	99.8	101.3
2003	266	731	288	-0.5	5.7	-0.20	-0.07	101.3	3.06	-4.1	-2.6	-3.0	-3.7	-3.0	97.8	99.4	101.7
2004	316	777	246	-1.2	4.0	-0.18	-0.07	101.8	3.02	-2.8	-1.4	-1.6	-2.7	-1.7	98.6	99.7	101.5
2005	306	806	245	2.5	5.2	-0.13	-0.06	101.2	3.04	-2.6	-1.5	-2.0	-2.2	-2.2	98.5	99.7	101.6
2006	302	838	240	3.1	4.7	-0.12	-0.06	101.1	3.01	-1.8	-1.1	-0.9	-1.7	-1.7	99.1	99.4	101.4
2007	291	903	249	5.2	5.8	-0.09	-0.05	100.8	3.00	-0.9	-0.8	-1.0	-0.5	-0.9	100.2	100.6	101.3
2008	286	921	204	5.8	5.7	-0.05	-0.03	100.5	2.99	-0.9	-1.2	-0.9	-0.3	-1.1	100.4	100.4	101.2
2009	318	979	305	8.6	9.4	-0.09	-0.03	100.5	2.99	-0.2	-0.3	-0.6	0.2	-0.5	100.3	100.6	100.8
2010	291	1010	363	14.5	12.5	-0.04	-0.01	100.6	2.99	-0.5	-0.6	-1.0	-0.1	-1.1	99.9	100.2	100.7
2011	315	1084	469	16.4	16.3	-0.09	-0.02	100.6	2.97	0.2	0.0	-0.5	0.7	-0.5	100.4	100.5	100.6

Notes:

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Canadian Dairy Network, August 2014

Newfoundland

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2011	1	999	-266	9.0	5.0	0.34	0.22	100.0	2.93	1.0	6.0	-1.0	0.0	3.0	98.0	98.0	95.0

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.