

Provincial genetic trends by birth year for Jersey cows
Canadian Dairy Network, August 2013

Prince Edward Island

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2000	9	723	-270	-6.7	-7.9	0.10	0.03	99.6	2.99	-0.3	1.9	1.3	-2.2	0.8	97.3	97.1	98.7
2001	7	660	-206	-16.3	-13.4	-0.09	-0.09	98.1	3.05	-0.4	-0.4	0.6	-1.0	-1.0	100.4	102.4	101.0
2002	16	689	-341	-19.9	-15.1	-0.04	-0.04	98.8	3.00	0.4	0.1	1.1	0.0	-0.3	101.6	101.7	102.3
2003	8	732	-184	-12.9	-10.9	-0.05	-0.07	98.5	2.97	1.1	1.0	0.8	-0.1	-0.9	100.8	100.3	102.0
2004	17	843	123	-1.1	0.8	-0.11	-0.06	100.7	2.98	0.7	1.2	0.1	0.0	0.4	99.6	99.3	99.9
2005	6	899	-27	-5.8	-2.0	-0.06	-0.02	98.7	3.00	3.0	2.7	0.5	3.3	1.2	100.2	99.6	99.4
2006	7	942	-61	8.4	1.6	0.18	0.06	97.3	2.99	1.3	-0.9	0.4	1.7	1.3	100.6	97.1	99.1
2007	8	994	156	8.4	5.5	0.02	-0.00	98.3	3.02	2.5	3.5	1.8	2.3	0.3	99.3	98.4	98.7
2008	10	1035	501	14.6	15.0	-0.13	-0.05	98.6	3.04	1.6	0.5	0.1	2.2	-0.2	99.6	98.0	98.9
2009	6	989	177	7.0	6.8	-0.03	0.00	99.7	2.94	2.0	0.8	-0.2	2.5	1.8	100.2	97.2	96.0
2010	8	1365	742	35.9	30.5	-0.01	0.04	99.6	2.97	3.5	2.5	4.0	3.1	3.0	100.6	96.7	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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Nova Scotia

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2000	29	678	-224	-11.7	-9.8	-0.01	-0.02	100.2	2.95	-2.6	-2.1	0.1	-3.2	-1.6	100.6	101.5	102.0
2001	28	776	-67	-0.4	1.5	0.05	0.06	100.5	2.98	-3.6	-2.0	-1.1	-4.1	-1.8	99.1	101.2	100.8
2002	39	700	-288	-10.8	-9.4	0.06	0.02	98.4	3.00	-1.7	-0.8	0.3	-2.2	-0.2	99.5	100.0	99.5
2003	44	751	-96	-8.9	-4.2	-0.06	-0.01	100.5	2.97	-1.5	-1.8	0.1	-1.9	-1.0	100.1	100.7	101.2
2004	37	679	-256	-12.5	-12.7	0.01	-0.05	99.9	3.06	-0.6	-0.8	1.4	-1.1	0.4	99.4	101.1	100.4
2005	43	766	-67	-7.0	-3.3	-0.05	-0.01	99.0	3.05	-0.6	0.6	0.2	-1.3	0.9	99.6	100.5	100.7
2006	35	857	-3	-0.8	-2.4	-0.01	-0.03	100.2	2.96	0.8	0.9	0.9	0.3	0.4	100.4	99.8	100.1
2007	44	905	145	0.1	2.5	-0.09	-0.04	100.0	2.97	1.1	1.1	0.4	0.8	1.0	100.7	100.2	99.9
2008	53	998	150	11.9	6.9	0.07	0.02	99.9	2.99	1.1	1.2	0.1	1.1	0.5	100.2	100.2	98.8
2009	44	1003	77	7.1	3.5	0.06	0.01	99.0	2.95	2.0	1.0	0.7	2.2	0.7	101.1	101.0	98.7
2010	47	1101	227	13.0	9.8	0.03	0.02	99.6	2.97	2.5	1.3	1.6	2.5	1.4	101.6	101.5	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
2000	69	608	-251	-13.6	-9.0	-0.01	0.01	104.1	2.97	-3.0	-0.7	-1.8	-4.0	-0.5	97.7	99.4	100.0
2001	59	660	-254	-12.7	-8.3	-0.00	0.02	102.7	2.98	-3.0	-1.4	-1.2	-3.4	-0.8	99.3	101.2	101.5
2002	53	707	-189	-8.5	-6.4	0.02	0.01	102.7	3.01	-1.5	-0.5	-0.8	-2.1	-0.6	98.3	100.4	100.6
2003	87	742	-92	-6.9	-3.5	-0.03	0.00	102.6	3.00	-1.6	-1.0	-0.8	-1.9	-0.2	99.3	100.7	100.7
2004	60	739	-90	-7.8	-3.9	-0.05	-0.01	101.9	3.00	-1.2	0.3	-0.4	-1.7	-0.6	98.9	99.7	100.7
2005	80	768	11	-5.5	0.0	-0.08	-0.00	101.5	3.01	-1.5	-0.7	-0.9	-1.7	-0.5	99.2	99.5	100.8
2006	78	805	-67	-2.0	-2.4	0.03	0.01	100.6	2.99	-0.6	-0.5	-0.5	-0.8	0.0	100.1	99.8	100.6
2007	88	885	16	1.7	1.8	0.02	0.02	100.8	2.96	-0.1	0.3	0.2	-0.4	0.1	100.4	100.0	100.1
2008	75	906	155	6.8	4.9	-0.00	-0.01	101.5	2.98	-0.3	-0.1	-0.7	-0.1	-0.7	99.6	99.9	98.8
2009	63	983	254	9.8	10.5	-0.03	0.02	101.9	2.95	-0.1	-0.3	-0.5	-0.1	0.4	100.3	100.7	99.7
2010	49	1035	267	15.3	11.4	0.03	0.03	100.4	2.96	0.6	1.6	-0.1	0.2	0.3	100.2	100.8	99.4

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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Quebec

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
2000	502	626	-292	-13.9	-11.3	0.02	-0.00	101.1	3.01	-1.8	-0.2	-1.2	-2.7	0.3	98.4	99.8	100.5
2001	673	672	-278	-13.9	-10.0	0.00	0.01	100.6	3.01	-1.2	-0.0	-0.7	-2.0	0.2	99.1	100.4	100.4
2002	833	714	-252	-10.3	-7.8	0.04	0.03	100.5	3.01	-1.1	0.2	-0.4	-1.9	0.4	99.2	100.5	100.8
2003	894	728	-226	-11.9	-7.8	-0.00	0.01	99.8	3.04	-0.4	0.5	0.1	-1.1	0.6	99.6	100.7	100.5
2004	988	786	-116	-7.3	-4.9	-0.02	-0.01	99.7	3.03	0.2	1.1	0.4	-0.3	0.8	99.7	100.3	100.2
2005	1005	860	-14	-0.8	-0.7	0.00	-0.00	99.7	3.01	0.7	1.7	0.3	0.2	0.8	99.7	100.1	100.2
2006	1067	888	-44	-0.5	-0.9	0.03	0.01	99.4	3.00	1.1	1.8	1.1	0.5	0.9	100.2	100.2	100.3
2007	1225	919	-8	1.9	1.1	0.04	0.02	99.3	2.99	1.2	1.4	0.3	1.0	1.2	100.5	100.4	98.5
2008	1270	959	86	5.0	3.9	0.02	0.01	99.5	2.98	1.4	1.3	0.3	1.4	0.9	100.5	100.4	98.5
2009	1303	1025	160	11.0	8.1	0.05	0.03	99.6	2.98	1.6	1.5	0.4	1.5	1.4	100.4	100.3	98.2
2010	1261	1084	242	14.1	11.6	0.03	0.04	99.5	2.97	1.8	1.4	0.8	1.7	1.2	101.0	100.5	99.2

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
2000	2054	649	-231	-12.2	-9.4	-0.01	-0.01	100.6	3.01	-1.8	-0.3	-1.1	-2.6	0.2	98.5	99.9	100.0
2001	2192	715	-132	-7.4	-5.2	-0.01	-0.00	100.3	3.01	-1.8	-0.6	-1.0	-2.3	-0.4	98.9	100.0	100.3
2002	2164	746	-113	-5.4	-3.8	0.01	0.01	100.5	3.02	-1.3	-0.2	-0.5	-2.0	0.2	98.8	100.1	100.3
2003	1982	777	-80	-5.8	-3.4	-0.02	-0.00	99.8	3.03	-0.4	0.4	-0.1	-1.0	0.4	99.4	100.1	100.2
2004	2149	807	-81	-5.4	-3.4	-0.01	-0.00	99.8	3.02	0.2	1.0	0.7	-0.4	0.8	99.7	100.1	99.9
2005	2112	857	-23	-1.4	-0.9	0.00	0.00	99.8	3.01	0.6	1.2	0.5	0.1	0.9	99.9	100.3	100.0
2006	1941	899	10	0.9	0.2	0.01	0.00	99.6	3.00	1.1	1.4	1.1	0.6	1.0	100.3	100.1	100.3
2007	2067	935	19	2.0	0.9	0.02	0.01	99.7	2.98	1.6	1.5	0.9	1.2	1.4	101.0	100.6	99.1
2008	2052	963	66	4.5	2.7	0.03	0.01	99.8	2.97	1.7	1.5	1.0	1.5	1.3	100.7	100.3	98.5
2009	2132	1023	109	8.4	5.8	0.05	0.03	99.9	2.97	2.1	1.8	1.2	1.8	1.5	100.9	100.6	98.7
2010	1910	1047	147	9.6	7.1	0.04	0.03	99.6	2.97	2.4	2.1	1.5	2.0	1.6	101.0	100.5	99.0

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
2000	88	638	-50	-5.6	-3.4	-0.04	-0.02	102.3	2.99	-3.8	-1.7	-2.9	-4.1	-1.0	97.4	99.0	100.1
2001	104	714	43	-2.6	-0.3	-0.06	-0.03	101.4	2.98	-3.4	-1.9	-2.3	-3.4	-1.6	98.7	99.7	100.5
2002	113	776	108	2.1	3.8	-0.04	-0.00	100.5	3.00	-2.9	-1.1	-1.8	-3.2	-1.1	98.0	99.3	99.9
2003	145	753	-90	-6.3	-2.4	-0.02	0.02	100.7	2.99	-1.9	-0.9	-1.0	-2.3	-0.9	99.3	100.7	100.5
2004	106	803	92	-0.1	1.9	-0.06	-0.02	101.3	2.99	-1.8	-0.7	-1.2	-2.0	-1.1	99.3	100.8	101.1
2005	105	873	246	9.6	9.2	-0.03	0.00	102.3	3.00	-2.4	-1.2	-2.1	-2.4	-1.1	98.9	100.4	101.0
2006	98	879	261	7.0	8.5	-0.07	-0.01	101.2	3.02	-1.4	-0.1	-1.1	-1.7	-0.9	98.9	100.4	101.1
2007	88	870	139	3.7	5.1	-0.04	0.01	100.1	2.99	-1.4	-0.5	-1.2	-1.4	-0.6	100.0	101.2	101.3
2008	78	961	292	14.3	11.6	0.01	0.01	100.9	2.96	-1.2	-0.4	-1.6	-1.1	-0.9	99.7	100.0	99.7
2009	81	1007	274	11.8	11.7	-0.02	0.02	99.9	2.98	0.1	-0.3	-0.7	0.3	-0.0	100.5	100.8	99.0
2010	59	1035	260	18.5	11.9	0.09	0.03	101.1	2.95	0.2	-0.2	-1.1	0.8	-0.5	99.9	99.9	98.6

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
2000	48	659	-131	-11.7	-6.6	-0.07	-0.02	102.7	2.99	-2.2	-0.7	-1.3	-2.8	-0.8	98.3	99.4	99.9
2001	62	725	-154	-8.0	-5.6	-0.00	0.00	102.5	3.00	-1.6	-0.7	-0.4	-1.9	-0.6	98.9	100.1	101.4
2002	50	759	-77	-1.8	-1.2	0.04	0.03	103.0	2.98	-2.0	-1.2	-1.5	-2.4	-0.4	98.3	99.4	100.0
2003	84	721	-224	-14.4	-9.6	-0.05	-0.02	102.2	2.99	-0.2	-0.3	0.4	-0.6	0.3	100.1	100.6	100.9
2004	80	704	-260	-15.5	-10.5	-0.03	-0.01	100.6	3.03	-0.1	0.1	0.2	-0.5	0.7	99.8	100.5	100.1
2005	61	767	-257	-12.1	-8.5	0.02	0.02	100.3	3.01	0.5	1.2	1.3	-0.4	1.2	99.9	100.2	100.0
2006	28	814	-226	-10.8	-8.1	0.01	0.01	100.9	3.00	1.3	1.0	1.6	1.0	1.3	100.9	100.6	101.5
2007	32	878	-161	-7.2	-5.3	0.02	0.02	100.0	3.03	2.7	2.3	2.4	1.7	2.2	100.5	100.3	99.5
2008	42	827	-218	-8.3	-8.1	0.04	0.00	100.3	2.97	1.8	1.7	1.0	1.5	1.1	100.4	100.3	98.2
2009	21	934	-177	-0.1	-3.5	0.14	0.05	101.8	2.95	2.0	1.3	1.5	2.1	1.0	100.7	100.0	98.2
2010	25	979	-83	0.3	0.2	0.07	0.05	100.0	2.94	2.4	1.5	1.3	2.2	1.6	101.7	100.9	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
2000	167	589	-193	-16.1	-9.5	-0.09	-0.03	102.4	3.01	-2.7	-1.2	-1.8	-3.3	-0.2	98.1	99.8	100.4
2001	210	638	-224	-14.6	-9.3	-0.05	-0.01	101.4	3.03	-2.0	-0.8	-1.3	-2.4	-0.2	98.6	100.6	100.3
2002	201	709	-164	-9.7	-5.9	-0.02	0.01	100.3	3.01	-1.7	-0.8	-0.9	-2.1	-0.4	99.0	100.4	100.2
2003	178	748	-154	-9.3	-6.2	-0.02	-0.00	99.9	3.01	-0.5	0.1	-0.4	-0.9	0.2	100.1	100.6	101.3
2004	202	753	-57	-7.0	-3.9	-0.06	-0.02	100.0	3.03	-0.8	-0.4	-0.3	-1.1	0.1	99.5	100.1	100.5
2005	206	843	-77	-2.0	-2.0	0.03	0.02	100.3	2.99	0.2	0.2	-0.3	0.2	0.3	100.1	100.1	100.2
2006	175	861	-53	-1.8	-1.4	0.02	0.01	98.7	3.02	0.4	0.2	0.5	0.2	0.4	100.6	100.7	100.5
2007	177	901	-18	0.4	-0.6	0.02	0.00	99.7	2.96	1.2	0.7	0.4	1.2	0.8	100.7	99.9	99.5
2008	193	942	69	4.2	3.2	0.02	0.01	99.7	2.99	1.1	0.5	0.2	0.9	0.5	100.9	100.7	99.4
2009	196	914	-61	-0.1	-0.6	0.05	0.03	98.7	2.99	1.3	0.6	0.7	1.3	1.2	101.1	100.7	99.4
2010	165	1009	187	9.0	7.7	0.00	0.01	98.9	2.99	1.4	1.3	0.7	1.2	1.2	101.0	100.8	99.3

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
2000	226	654	194	-4.2	1.5	-0.19	-0.08	102.7	2.98	-4.5	-2.7	-3.6	-4.5	-2.3	98.2	100.2	102.2
2001	255	668	246	-2.2	3.1	-0.20	-0.09	102.0	2.99	-4.6	-3.3	-3.3	-4.4	-2.9	98.1	99.4	102.0
2002	248	713	201	0.5	4.0	-0.12	-0.05	101.6	3.02	-4.0	-2.8	-2.9	-3.8	-2.4	97.9	99.7	101.5
2003	266	739	329	2.1	7.5	-0.19	-0.07	101.0	3.05	-3.6	-2.4	-2.9	-3.5	-2.6	97.8	99.3	101.5
2004	311	785	289	1.5	5.9	-0.17	-0.07	101.5	3.00	-2.5	-1.2	-1.5	-2.5	-1.4	98.6	99.5	101.3
2005	302	816	291	5.2	7.1	-0.13	-0.05	101.0	3.03	-2.2	-1.2	-1.8	-2.0	-1.8	98.5	99.6	101.4
2006	292	855	299	6.6	7.1	-0.11	-0.06	100.9	3.00	-1.5	-0.8	-0.8	-1.4	-1.4	99.1	99.2	101.2
2007	278	917	305	8.3	8.1	-0.09	-0.05	100.7	2.99	-0.7	-0.5	-0.8	-0.3	-0.6	100.2	100.5	101.3
2008	265	939	268	8.8	8.1	-0.06	-0.03	100.3	2.98	-0.5	-0.7	-0.6	-0.1	-0.9	100.4	100.6	101.1
2009	289	991	364	12.1	11.7	-0.08	-0.03	100.1	2.98	0.1	-0.0	-0.4	0.3	-0.2	100.2	100.5	100.7
2010	232	1041	419	18.9	15.4	-0.02	0.00	100.4	2.99	0.0	0.0	-0.7	0.2	-0.8	99.9	100.1	100.8

Notes:

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2. Production in kg EBV units and conformation in EBV points.
3. Conformation indexes based on first lactation classifications of each cow.