

Provincial genetic trends by birth year for Jersey cows
Canadian Dairy Network, August 2011

Prince Edward Island

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1998	7	-580	-469	-20.7	-17.7	0.03	-0.00	99.4	2.97	0.1	1.3	-0.3	-0.7	0.3	98.1	98.1	99.7
1999	13	-483	-275	-12.2	-13.3	0.03	-0.05	99.5	2.99	-0.8	0.8	-0.2	-1.8	0.3	99.1	100.7	100.6
2000	9	-172	-192	-1.2	-4.9	0.13	0.04	99.4	2.97	0.4	2.1	1.8	-1.1	0.9	97.8	97.1	97.9
2001	7	-307	-143	-11.3	-10.3	-0.06	-0.08	98.0	3.02	0.4	0.0	1.0	-0.1	-0.4	100.9	102.3	100.3
2002	16	-225	-283	-14.4	-12.2	0.00	-0.03	98.7	2.99	1.3	0.6	1.4	1.3	0.2	102.2	101.7	101.6
2003	8	-77	-70	-3.9	-6.1	0.00	-0.05	98.1	2.95	2.1	1.8	1.4	1.1	-0.3	101.4	100.1	100.9
2004	17	79	176	3.6	3.4	-0.07	-0.05	100.7	2.95	1.8	2.1	0.6	1.2	1.0	100.2	99.8	99.9
2005	6	104	-8	-5.0	-1.5	-0.07	-0.02	98.8	2.95	4.0	3.3	0.8	4.5	1.5	100.5	99.0	96.5
2006	7	350	18	15.9	5.1	0.23	0.07	98.0	2.95	2.4	0.3	1.1	3.0	1.9	101.9	98.1	99.7
2007	7	349	207	13.4	8.3	0.06	0.01	98.1	3.00	3.3	2.7	1.3	3.7	-0.1	99.4	98.8	97.7
2008	7	593	592	22.9	20.3	-0.08	-0.03	98.0	3.01	3.0	1.0	1.3	3.3	0.7	101.4	100.2	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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Nova Scotia

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1998	30	-534	-323	-11.5	-12.8	0.07	-0.01	101.5	2.97	-1.8	-1.2	-1.7	-2.7	1.1	99.5	101.1	101.1
1999	25	-406	-145	-2.2	-5.0	0.08	0.00	101.1	2.97	-2.9	-1.7	-2.2	-3.8	-0.8	99.0	100.6	101.3
2000	29	-251	-153	-6.7	-6.8	0.02	-0.01	100.1	2.93	-1.2	-1.3	0.7	-1.8	-1.0	100.9	101.0	101.4
2001	28	-61	-7	4.8	4.3	0.08	0.07	100.1	2.97	-2.3	-1.5	-0.4	-2.8	-1.2	99.6	100.7	100.4
2002	39	-201	-217	-5.5	-6.1	0.08	0.03	98.4	2.98	-0.5	-0.2	0.9	-1.1	0.2	100.1	100.1	99.5
2003	43	-148	-58	-5.7	-2.3	-0.04	-0.00	100.3	2.96	-0.5	-1.4	0.6	-0.7	-0.4	100.7	100.7	100.8
2004	37	-280	-172	-6.8	-9.0	0.03	-0.04	99.9	3.04	0.1	-0.5	1.6	-0.4	0.6	99.6	100.8	100.1
2005	42	-90	-7	-2.0	-0.4	-0.02	-0.00	99.1	3.02	0.5	1.4	0.7	-0.1	1.4	99.8	100.0	100.0
2006	35	121	44	4.6	0.6	0.04	-0.01	99.9	2.94	1.9	1.6	1.2	1.8	1.0	100.9	100.0	99.7
2007	41	176	109	3.0	3.1	-0.02	-0.01	99.7	2.94	2.5	2.1	1.2	2.2	1.6	101.2	100.1	98.6
2008	45	398	235	17.0	10.4	0.09	0.03	100.0	2.95	2.0	2.0	0.6	1.9	0.8	101.1	100.7	98.5

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
1998	46	-539	-335	-12.7	-11.9	0.06	0.01	104.9	2.97	-2.3	-1.3	-1.8	-2.7	-0.1	98.1	100.5	101.1
1999	54	-458	-322	-11.9	-10.4	0.06	0.03	104.3	2.95	-1.9	-1.4	-1.3	-2.6	-0.3	99.1	100.9	101.1
2000	70	-406	-197	-8.6	-6.4	0.02	0.02	103.9	2.96	-1.9	-0.0	-1.3	-2.7	0.1	98.0	99.5	99.0
2001	58	-317	-203	-7.8	-6.0	0.04	0.03	102.8	2.96	-1.9	-1.0	-0.7	-2.3	-0.4	99.8	101.1	100.9
2002	52	-199	-124	-3.5	-3.5	0.05	0.02	102.6	2.99	-0.4	0.1	-0.2	-0.8	-0.1	98.7	100.5	99.9
2003	82	-119	-12	-0.7	-0.0	0.01	0.01	102.7	2.98	-0.6	-0.4	-0.2	-0.9	0.4	99.7	100.7	100.3
2004	53	-94	-45	-2.0	-0.8	0.01	0.02	101.7	2.97	0.1	0.7	0.6	-0.4	0.0	99.5	99.7	100.0
2005	69	-37	56	0.7	2.9	-0.02	0.02	101.2	2.99	-0.2	-0.1	0.0	-0.2	-0.1	99.8	99.8	100.6
2006	70	42	7	4.5	1.6	0.07	0.02	100.4	2.97	0.5	0.1	0.0	0.4	0.5	100.9	100.5	101.1
2007	81	202	124	8.9	6.3	0.04	0.03	100.1	2.94	1.0	1.2	0.7	0.8	0.7	100.9	100.0	99.1
2008	66	294	246	15.2	9.7	0.05	0.01	101.0	2.93	1.0	0.7	0.1	1.0	-0.1	100.8	100.5	98.5

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
1998	392	-473	-345	-13.3	-12.0	0.06	0.02	101.2	2.98	-1.0	0.3	-1.1	-1.9	1.1	98.8	100.4	100.3
1999	465	-474	-315	-12.7	-12.0	0.04	-0.00	101.3	3.00	-0.9	-0.0	-0.9	-1.6	0.7	98.7	100.4	99.9
2000	497	-354	-231	-8.6	-8.4	0.05	0.01	101.0	2.99	-0.7	0.6	-0.6	-1.5	0.7	98.8	100.0	100.0
2001	666	-265	-222	-8.8	-7.3	0.04	0.02	100.4	2.98	-0.1	0.6	-0.1	-0.7	0.7	99.7	100.6	100.1
2002	828	-182	-187	-5.0	-4.8	0.07	0.04	100.4	2.99	-0.0	0.7	0.2	-0.8	0.8	99.7	100.6	100.5
2003	876	-159	-170	-6.9	-5.1	0.03	0.02	99.7	3.02	0.7	1.0	0.7	0.0	1.1	100.2	100.8	100.2
2004	974	-38	-47	-1.9	-1.8	0.01	0.00	99.7	3.00	1.3	1.6	0.9	0.8	1.2	100.2	100.5	99.8
2005	956	116	36	4.0	2.0	0.04	0.01	99.5	2.99	2.0	2.1	1.0	1.5	1.3	100.4	100.3	99.9
2006	1006	178	9	4.5	1.9	0.06	0.02	99.3	2.98	2.3	2.3	1.7	1.8	1.3	101.0	100.5	100.2
2007	1116	276	59	8.0	4.6	0.08	0.04	99.3	2.95	2.5	2.1	1.0	2.2	1.9	101.4	100.6	97.9
2008	1019	378	192	12.6	8.8	0.05	0.03	99.5	2.94	2.5	2.1	0.9	2.4	1.5	101.4	100.8	98.2

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
1998	2017	-387	-203	-6.5	-7.7	0.06	0.00	101.3	2.98	-1.4	-0.4	-1.3	-2.2	0.5	98.7	100.3	99.9
1999	2019	-324	-166	-5.1	-6.5	0.05	-0.00	100.7	2.99	-1.1	0.0	-0.9	-1.8	0.3	99.0	100.5	100.1
2000	2047	-317	-175	-7.3	-6.7	0.02	-0.00	100.4	2.99	-0.6	0.4	-0.6	-1.4	0.7	99.0	100.1	99.6
2001	2180	-184	-74	-2.4	-2.4	0.02	0.01	100.1	2.99	-0.7	0.0	-0.4	-1.1	0.1	99.5	100.2	100.0
2002	2148	-119	-54	-0.4	-1.0	0.04	0.02	100.3	3.00	-0.2	0.4	0.0	-0.8	0.7	99.4	100.3	100.0
2003	1963	-58	-17	-0.6	-0.4	0.01	0.01	99.6	3.01	0.7	0.9	0.4	0.1	0.9	100.0	100.3	100.0
2004	2110	-2	-19	-0.3	-0.5	0.02	0.01	99.6	3.00	1.2	1.4	1.2	0.7	1.3	100.3	100.2	99.6
2005	2081	88	27	3.3	1.6	0.03	0.01	99.5	2.99	1.6	1.7	0.9	1.2	1.3	100.5	100.4	99.8
2006	1892	180	61	5.9	2.9	0.05	0.01	99.3	2.98	2.1	1.9	1.5	1.7	1.4	101.0	100.3	100.1
2007	1976	280	84	7.8	4.3	0.06	0.02	99.6	2.95	2.6	2.2	1.4	2.3	2.0	101.7	100.7	98.7
2008	1833	346	138	10.2	6.3	0.06	0.02	99.5	2.94	2.8	2.3	1.5	2.6	1.8	101.6	100.7	98.3

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
1998	81	-295	139	3.3	3.5	-0.04	-0.02	103.0	2.98	-3.6	-2.3	-3.0	-3.5	-1.3	98.4	99.7	101.1
1999	87	-451	-68	-5.5	-4.4	-0.03	-0.03	101.6	3.00	-2.9	-1.6	-2.3	-2.8	-1.3	97.7	99.6	100.2
2000	88	-341	6	-0.7	-0.8	-0.00	-0.01	102.2	2.97	-2.7	-1.1	-2.3	-2.9	-0.5	97.8	99.2	99.7
2001	103	-189	99	2.4	2.6	-0.03	-0.02	101.2	2.96	-2.2	-1.0	-1.8	-2.3	-1.0	99.1	99.9	100.0
2002	112	-58	167	7.4	6.6	-0.00	0.01	100.3	2.98	-1.8	-0.3	-1.2	-2.0	-0.5	98.6	99.4	99.4
2003	145	-118	-37	-1.4	0.2	0.01	0.03	100.5	2.97	-0.8	-0.4	-0.6	-1.1	-0.2	99.9	100.9	100.1
2004	104	-18	158	4.8	4.9	-0.04	-0.01	101.1	2.97	-0.9	-0.1	-0.7	-1.0	-0.6	99.7	100.8	100.5
2005	100	135	291	14.5	11.8	0.01	0.02	101.9	2.98	-1.1	-0.5	-1.3	-1.1	-0.5	99.4	100.4	100.7
2006	93	159	320	12.7	11.3	-0.03	-0.01	101.1	3.00	-0.2	0.6	-0.5	-0.4	-0.2	99.6	100.8	101.4
2007	85	110	184	8.7	7.3	0.00	0.01	100.0	2.98	-0.1	0.2	-0.7	-0.2	0.1	100.5	100.8	101.2
2008	61	331	395	21.4	16.0	0.04	0.02	100.4	2.94	-0.4	0.3	-1.0	-0.3	-0.1	100.1	100.3	98.2

Notes:

1. Based on all cows with both production and type indexes.
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Saskatchewan

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1998	37	-430	-11	-3.0	-2.2	-0.03	-0.03	105.3	2.95	-3.6	-1.7	-2.5	-3.9	-1.8	97.7	100.4	101.1
1999	50	-435	-219	-8.2	-8.2	0.05	0.01	102.8	2.93	-2.0	0.2	-1.5	-2.7	0.2	98.2	99.1	99.6
2000	47	-287	-70	-6.8	-3.6	-0.04	-0.01	102.3	2.97	-1.0	0.1	-0.7	-1.6	-0.1	99.0	99.8	99.4
2001	63	-150	-79	-2.0	-2.3	0.03	0.01	102.4	2.98	-0.5	0.3	0.0	-0.6	-0.0	99.3	100.2	101.2
2002	50	-107	-22	3.1	1.5	0.07	0.04	102.7	2.96	-1.0	-0.5	-1.1	-1.2	0.0	98.8	99.5	99.6
2003	83	-157	-153	-8.8	-6.4	-0.01	-0.01	101.9	2.96	0.7	0.2	0.9	0.4	0.7	101.0	100.9	100.8
2004	80	-199	-181	-10.1	-7.1	-0.01	-0.00	100.6	3.01	1.1	0.8	0.9	0.6	1.3	100.3	100.7	100.1
2005	62	-110	-235	-8.6	-7.2	0.05	0.03	99.9	2.99	1.6	1.8	1.9	0.8	1.8	100.8	100.3	100.1
2006	28	43	-152	-5.0	-5.3	0.04	0.01	100.4	2.97	2.6	1.8	2.2	2.4	1.7	101.9	101.0	101.4
2007	35	76	-165	-6.0	-4.8	0.04	0.02	99.6	2.99	3.6	2.7	2.8	2.6	2.7	101.5	100.3	99.2
2008	39	192	-150	1.8	-2.3	0.14	0.05	100.6	2.92	2.9	2.2	1.7	2.7	1.8	101.8	100.6	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
1998	148	-558	-288	-14.3	-12.0	-0.00	-0.02	103.4	2.99	-2.1	-1.2	-1.8	-2.6	0.1	98.9	101.6	100.9
1999	163	-463	-193	-8.6	-8.6	0.02	-0.02	102.5	2.98	-2.2	-1.0	-1.7	-2.8	-0.0	99.1	101.0	100.4
2000	165	-436	-129	-11.0	-6.7	-0.06	-0.03	102.2	2.99	-1.5	-0.4	-1.3	-2.1	0.3	98.5	100.1	100.1
2001	210	-331	-161	-9.3	-6.3	-0.02	-0.00	101.3	3.01	-0.9	-0.1	-0.8	-1.3	0.3	99.2	101.0	100.0
2002	199	-186	-95	-4.0	-2.7	0.02	0.02	100.1	2.98	-0.6	-0.1	-0.4	-1.0	0.1	99.7	100.6	99.9
2003	178	-118	-89	-3.9	-3.3	0.01	0.01	99.8	2.99	0.5	0.7	0.0	0.1	0.7	100.8	100.8	101.2
2004	202	-77	52	0.0	0.5	-0.03	-0.02	100.0	3.00	0.1	0.2	0.0	-0.1	0.7	100.1	100.4	100.3
2005	204	88	-4	4.0	1.4	0.06	0.02	100.3	2.97	1.2	0.8	0.1	1.3	0.8	100.8	100.5	100.0
2006	172	100	5	3.9	1.6	0.06	0.02	98.7	2.99	1.2	0.4	0.8	1.1	0.8	101.1	100.7	100.2
2007	170	272	111	9.1	5.0	0.06	0.02	100.0	2.92	2.1	1.3	0.8	2.2	1.3	101.6	100.3	99.2
2008	161	364	262	14.9	10.7	0.04	0.02	99.7	2.95	1.9	1.1	0.4	1.7	1.1	101.5	100.7	98.8

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.

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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
1998	184	-495	125	-2.5	-1.1	-0.12	-0.09	103.7	2.96	-4.1	-3.4	-3.8	-3.8	-2.0	98.2	100.1	101.6
1999	199	-356	214	0.5	1.8	-0.13	-0.09	102.4	2.97	-3.2	-2.2	-3.2	-2.9	-2.6	98.5	100.4	101.8
2000	226	-303	254	0.8	4.3	-0.16	-0.08	102.7	2.96	-3.3	-1.7	-2.9	-3.2	-1.6	98.6	100.2	101.5
2001	254	-272	311	2.9	5.9	-0.17	-0.08	101.9	2.97	-3.3	-2.2	-2.6	-3.0	-2.2	98.5	99.6	101.3
2002	244	-182	262	5.5	6.8	-0.09	-0.04	101.6	2.99	-2.7	-1.9	-2.2	-2.5	-1.7	98.3	99.9	100.9
2003	260	-134	401	7.4	10.6	-0.17	-0.06	100.9	3.03	-2.5	-1.5	-2.3	-2.3	-1.9	98.3	99.5	100.9
2004	307	-40	369	7.1	9.3	-0.15	-0.06	101.5	2.98	-1.3	-0.4	-1.0	-1.4	-0.7	99.0	99.6	100.7
2005	295	23	358	10.8	10.3	-0.09	-0.04	100.7	3.01	-1.1	-0.5	-1.2	-0.8	-1.3	98.9	99.6	100.8
2006	284	113	372	12.4	10.4	-0.07	-0.05	100.7	2.98	-0.3	0.0	-0.4	-0.2	-0.7	99.6	99.6	100.9
2007	256	231	369	14.2	11.4	-0.05	-0.03	100.6	2.96	0.4	0.3	-0.3	0.7	0.2	100.7	100.3	100.4
2008	227	366	415	18.6	14.5	-0.02	-0.01	100.3	2.95	0.7	0.1	-0.0	1.1	-0.2	100.9	100.4	100.3

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.