

Provincial genetic trends by birth year for Jersey cows
Canadian Dairy Network, August 2010

Prince Edward Island

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1997	6	-561	-502	-26.7	-22.3	-0.03	-0.06	99.3	3.00	1.2	1.5	3.0	-0.3	0.7	100.7	101.2	100.5
1998	7	-480	-428	-18.9	-16.3	0.03	-0.01	99.4	2.97	1.0	1.7	0.4	0.3	1.0	98.4	97.9	99.3
1999	13	-425	-243	-10.5	-12.4	0.03	-0.05	99.3	2.98	0.1	1.2	-0.1	-1.2	0.7	99.2	100.2	100.4
2000	9	-76	-158	0.9	-3.6	0.13	0.03	99.4	2.97	1.3	2.3	1.8	-0.1	1.7	98.2	97.2	97.9
2001	7	-213	-105	-9.6	-9.0	-0.07	-0.08	97.9	3.02	1.1	0.9	1.4	0.9	0.1	101.1	102.1	100.8
2002	16	-126	-234	-12.3	-10.4	-0.01	-0.03	98.9	2.97	2.2	1.2	2.0	1.9	1.0	102.6	101.7	101.5
2003	8	41	-2	-0.5	-3.5	0.00	-0.05	98.3	2.94	3.0	2.6	1.6	2.1	0.8	101.5	99.4	100.9
2004	17	168	215	5.7	4.5	-0.08	-0.06	100.5	2.95	2.5	2.5	1.1	1.9	1.5	100.8	99.6	100.4
2005	6	229	120	-2.2	2.2	-0.11	-0.04	99.5	2.96	4.7	4.0	1.7	5.3	2.3	100.2	99.0	95.8
2006	7	498	126	21.1	8.4	0.23	0.06	98.3	2.96	3.0	0.9	1.4	3.9	2.3	102.0	98.4	100.3
2007	5	425	199	15.6	7.6	0.09	0.00	99.4	3.01	4.0	4.6	1.6	4.2	1.0	100.4	100.0	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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Nova Scotia

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1997	30	-287	-162	-5.4	-5.3	0.04	0.01	101.8	2.96	-1.5	-1.3	-1.2	-1.6	-1.1	99.7	101.2	101.7
1998	30	-444	-280	-9.6	-11.2	0.06	-0.01	101.4	2.97	-1.0	-0.9	-1.2	-1.9	1.4	99.7	100.8	101.2
1999	25	-303	-104	-0.4	-3.9	0.07	-0.00	101.0	2.97	-2.2	-1.2	-1.5	-2.9	-0.3	99.6	100.2	101.3
2000	29	-165	-112	-5.2	-5.4	0.01	-0.02	99.9	2.93	-0.5	-1.0	1.1	-0.9	-0.5	101.3	100.9	101.5
2001	28	20	24	5.8	5.1	0.07	0.07	99.6	2.97	-1.6	-0.9	-0.0	-1.9	-0.8	99.9	100.2	100.4
2002	39	-111	-173	-3.7	-4.6	0.08	0.03	98.2	2.98	0.2	0.3	1.2	-0.3	0.8	100.4	99.8	99.6
2003	42	-72	-38	-4.3	-1.4	-0.04	-0.00	100.0	2.96	0.2	-1.0	1.0	0.0	-0.0	101.0	100.3	100.8
2004	37	-171	-133	-5.3	-7.7	0.03	-0.04	99.6	3.03	1.2	0.2	2.1	0.7	1.1	100.1	100.7	100.5
2005	40	34	56	0.6	1.8	-0.03	-0.00	99.0	3.02	1.6	2.1	1.2	0.9	2.1	100.3	99.7	99.5
2006	34	253	122	8.7	3.5	0.04	-0.02	99.4	2.94	2.8	2.2	1.6	2.6	1.6	101.1	99.7	99.8
2007	33	272	208	5.6	5.8	-0.05	-0.02	99.2	2.96	3.3	3.3	1.6	2.9	2.2	101.3	99.5	98.4

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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New Brunswick

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1997	78	-529	-284	-12.0	-10.2	0.04	0.01	104.4	2.96	-2.7	-1.8	-1.4	-3.1	-0.9	98.2	99.9	101.0
1998	44	-451	-319	-11.1	-11.2	0.08	0.02	104.5	2.97	-1.4	-0.8	-1.3	-1.8	0.7	98.5	100.3	101.0
1999	52	-370	-286	-10.3	-9.1	0.06	0.03	103.9	2.95	-1.2	-1.0	-0.8	-1.6	0.1	99.2	100.6	100.9
2000	69	-313	-158	-6.9	-4.9	0.02	0.02	103.8	2.96	-1.1	0.3	-0.8	-1.8	0.5	98.2	99.3	99.3
2001	55	-220	-163	-5.7	-4.4	0.04	0.03	102.7	2.96	-1.2	-0.6	-0.2	-1.5	0.0	100.0	100.9	100.7
2002	49	-110	-99	-2.3	-2.5	0.04	0.02	102.3	2.99	0.3	0.6	0.4	-0.0	0.4	99.1	100.3	99.9
2003	72	-30	5	0.5	0.6	0.01	0.01	102.2	2.98	0.3	0.4	0.4	0.0	0.8	100.0	100.5	100.5
2004	41	-44	-55	-1.8	-1.4	0.02	0.01	101.8	2.96	0.7	1.4	0.8	0.5	0.5	99.8	99.6	99.5
2005	56	46	67	1.0	3.9	-0.03	0.02	100.7	3.00	0.9	1.2	0.9	0.5	0.8	99.7	99.1	99.9
2006	41	148	87	8.8	4.1	0.07	0.02	100.9	2.98	1.0	0.4	0.6	0.9	0.1	101.0	99.9	100.9
2007	36	294	225	11.9	9.3	0.01	0.01	100.2	2.95	1.2	1.6	1.5	0.8	0.8	100.8	100.0	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
1997	289	-438	-415	-15.3	-13.5	0.08	0.03	101.2	2.99	-0.3	0.8	-0.3	-1.2	1.6	99.5	100.6	100.8
1998	392	-388	-305	-11.6	-10.7	0.06	0.01	101.0	2.98	-0.3	0.7	-0.7	-1.1	1.5	99.1	100.1	100.2
1999	463	-385	-276	-11.0	-10.7	0.04	-0.00	101.1	3.00	-0.2	0.4	-0.4	-0.8	1.1	99.0	100.2	99.8
2000	495	-261	-191	-6.9	-7.0	0.04	0.00	100.8	2.99	0.1	1.1	-0.1	-0.6	1.2	99.1	99.8	100.0
2001	657	-178	-180	-7.1	-6.0	0.03	0.01	100.2	2.98	0.6	1.1	0.3	0.1	1.1	100.0	100.4	100.0
2002	817	-95	-148	-3.2	-3.5	0.07	0.03	100.3	2.99	0.7	1.1	0.6	0.0	1.2	100.0	100.4	100.4
2003	861	-70	-134	-5.3	-3.9	0.03	0.02	99.4	3.02	1.4	1.6	1.2	0.8	1.5	100.6	100.6	100.3
2004	955	55	-11	-0.1	-0.5	0.01	0.00	99.5	3.00	2.0	2.2	1.4	1.6	1.6	100.7	100.3	99.9
2005	924	208	68	5.2	3.1	0.03	0.01	99.3	2.99	2.8	2.8	1.5	2.4	1.9	100.6	100.1	99.4
2006	940	274	62	6.3	3.4	0.05	0.02	99.1	2.98	3.1	3.1	2.1	2.6	1.8	101.2	100.4	99.6
2007	956	405	129	10.6	6.9	0.07	0.03	99.3	2.95	3.2	3.0	1.6	2.9	2.3	102.1	100.7	98.7

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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Ontario

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1997	1903	-340	-196	-6.7	-7.2	0.05	0.00	100.9	3.00	-1.1	-0.0	-0.7	-1.8	0.5	99.1	100.6	100.7
1998	2011	-294	-162	-4.7	-6.4	0.05	-0.00	101.1	2.98	-0.7	0.1	-0.8	-1.4	0.9	99.0	100.1	99.8
1999	2012	-228	-126	-3.3	-5.2	0.05	-0.01	100.5	2.98	-0.3	0.5	-0.4	-1.0	0.7	99.4	100.4	100.2
2000	2032	-227	-137	-5.6	-5.4	0.02	-0.00	100.3	2.99	0.1	0.8	-0.1	-0.5	1.1	99.3	99.9	99.7
2001	2168	-88	-33	-0.6	-1.0	0.02	0.01	99.9	2.99	0.1	0.6	0.1	-0.3	0.5	99.8	100.0	99.9
2002	2128	-27	-14	1.4	0.4	0.04	0.02	100.1	3.00	0.5	0.9	0.5	0.0	1.1	99.7	100.1	100.1
2003	1938	39	25	1.2	1.0	0.01	0.00	99.3	3.01	1.4	1.5	0.9	0.9	1.3	100.4	100.2	100.2
2004	2078	89	19	1.3	0.8	0.01	0.00	99.3	3.00	1.9	2.1	1.6	1.5	1.7	100.6	100.1	99.7
2005	2043	189	69	5.2	3.2	0.03	0.01	99.3	3.00	2.4	2.3	1.4	2.0	1.7	100.8	100.3	99.7
2006	1849	268	103	7.3	4.1	0.04	0.01	99.1	2.98	2.9	2.6	2.0	2.4	1.9	101.2	100.2	99.9
2007	1740	397	135	9.7	6.1	0.05	0.02	99.4	2.95	3.5	3.1	2.1	3.1	2.5	102.1	100.7	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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Manitoba

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1997	96	-362	18	-3.4	-1.5	-0.06	-0.03	101.9	2.98	-2.9	-2.6	-2.1	-2.7	-1.8	98.9	99.4	100.9
1998	81	-188	178	5.2	4.8	-0.05	-0.02	102.9	2.98	-2.7	-1.7	-2.4	-2.7	-1.0	98.6	99.5	101.2
1999	87	-363	-30	-4.0	-3.3	-0.03	-0.03	101.4	3.00	-1.9	-1.0	-1.7	-2.0	-0.8	98.0	99.3	100.1
2000	88	-237	48	1.4	0.7	-0.01	-0.01	102.0	2.97	-1.9	-0.7	-1.7	-2.0	-0.2	98.2	99.0	99.7
2001	103	-103	125	3.8	3.6	-0.03	-0.01	101.0	2.96	-1.4	-0.5	-1.2	-1.6	-0.7	99.3	99.6	99.9
2002	110	45	201	9.2	7.8	0.00	0.01	100.2	2.98	-1.0	0.2	-0.6	-1.2	-0.1	98.9	99.3	99.6
2003	145	-15	14	0.5	1.9	0.00	0.02	100.3	2.97	0.0	0.3	-0.1	-0.4	0.2	100.3	100.7	100.4
2004	104	80	208	6.7	6.5	-0.04	-0.02	101.1	2.97	-0.0	0.6	-0.2	-0.1	-0.2	99.8	100.4	100.5
2005	97	274	342	17.1	13.7	0.01	0.02	101.7	2.98	-0.1	0.3	-0.6	-0.1	-0.1	99.7	100.2	100.6
2006	91	251	367	13.8	12.7	-0.05	-0.01	100.9	3.01	0.8	1.4	0.2	0.5	0.4	99.6	100.2	101.1
2007	79	234	279	11.9	10.3	-0.02	0.00	100.2	2.98	0.7	0.9	-0.1	0.6	0.2	100.5	100.5	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.
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Saskatchewan

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1997	59	-462	-34	-10.3	-5.0	-0.12	-0.05	103.5	3.00	-2.5	-1.0	-1.6	-2.3	-1.1	98.2	99.8	100.9
1998	37	-335	28	-1.1	-0.9	-0.04	-0.03	105.1	2.95	-2.8	-1.1	-2.0	-3.1	-1.6	98.0	100.2	100.9
1999	50	-333	-180	-6.3	-6.9	0.05	0.01	102.6	2.93	-1.1	0.7	-1.0	-1.7	0.6	98.6	98.6	99.6
2000	47	-202	-40	-5.1	-2.6	-0.04	-0.01	102.2	2.97	-0.4	0.7	-0.2	-0.8	0.1	99.1	99.5	99.6
2001	63	-64	-43	-0.3	-1.0	0.03	0.01	102.1	2.98	0.3	0.8	0.5	0.0	0.4	99.6	99.9	101.1
2002	50	-11	13	4.8	2.8	0.07	0.04	102.7	2.96	-0.2	0.0	-0.5	-0.4	0.3	99.0	99.4	99.5
2003	82	-71	-119	-7.0	-5.2	-0.01	-0.01	101.7	2.96	1.4	0.8	1.4	1.2	1.0	101.2	100.6	100.9
2004	79	-108	-127	-8.0	-5.6	-0.02	-0.01	100.4	3.00	1.8	1.4	1.3	1.4	1.8	100.6	100.4	100.2
2005	60	-10	-195	-7.3	-5.7	0.04	0.03	99.6	2.99	2.5	2.7	2.4	1.7	2.5	101.2	100.2	99.6
2006	26	106	-112	-2.8	-3.8	0.04	0.01	100.2	2.96	3.1	2.3	2.2	2.8	2.0	101.8	100.9	100.9
2007	33	163	-134	-3.7	-4.3	0.05	0.01	99.0	2.98	4.6	3.9	3.3	3.6	3.2	101.7	100.3	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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Alberta

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1997	132	-462	-302	-10.4	-10.9	0.07	0.01	102.6	2.99	-1.9	-0.5	-1.3	-2.4	0.4	99.2	100.8	101.0
1998	148	-455	-243	-12.4	-10.4	-0.01	-0.02	103.3	2.99	-1.3	-0.7	-1.2	-1.7	0.6	99.3	101.3	100.9
1999	163	-360	-152	-6.8	-7.2	0.02	-0.02	102.3	2.98	-1.3	-0.6	-1.2	-1.8	0.4	99.5	100.7	100.5
2000	165	-338	-89	-9.2	-5.4	-0.07	-0.03	102.0	2.99	-0.7	0.1	-0.8	-1.2	0.7	98.9	100.0	100.2
2001	210	-236	-119	-7.3	-4.9	-0.02	-0.00	101.1	3.01	-0.1	0.4	-0.3	-0.5	0.7	99.5	100.9	99.9
2002	197	-78	-48	-1.8	-1.1	0.02	0.01	99.9	2.98	0.2	0.5	0.1	-0.1	0.5	100.0	100.4	99.9
2003	178	-20	-47	-2.0	-1.8	0.01	0.00	99.6	2.99	1.2	1.3	0.6	0.9	1.1	101.1	100.8	101.0
2004	201	20	86	2.0	1.8	-0.03	-0.02	99.8	3.00	0.9	0.9	0.6	0.7	1.0	100.4	100.3	100.3
2005	200	189	41	6.3	3.0	0.07	0.02	100.1	2.97	1.9	1.4	0.6	2.0	1.2	101.0	100.4	99.8
2006	165	176	31	4.5	2.2	0.05	0.02	98.5	2.99	2.0	1.3	1.3	1.9	1.3	101.5	100.8	99.9
2007	147	383	193	11.1	7.3	0.03	0.00	100.0	2.93	2.7	2.1	1.4	2.7	1.6	102.1	100.5	99.7

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
1997	177	-452	49	-4.0	-2.9	-0.09	-0.07	103.1	2.97	-3.6	-2.5	-2.5	-3.5	-2.0	98.6	100.5	101.6
1998	184	-395	164	-0.8	0.2	-0.13	-0.09	103.6	2.96	-3.3	-2.8	-3.2	-3.0	-1.8	98.4	99.9	101.5
1999	199	-262	253	2.2	3.1	-0.14	-0.09	102.3	2.96	-2.5	-1.6	-2.7	-2.2	-2.3	98.7	100.2	101.7
2000	223	-201	287	2.6	5.5	-0.16	-0.08	102.5	2.96	-2.5	-1.1	-2.2	-2.4	-1.3	98.9	100.0	101.6
2001	251	-173	345	4.6	7.0	-0.17	-0.08	101.6	2.96	-2.4	-1.7	-1.9	-2.2	-2.0	98.8	99.2	101.1
2002	239	-89	292	7.2	7.9	-0.09	-0.04	101.4	2.99	-1.9	-1.4	-1.6	-1.8	-1.4	98.6	99.6	100.8
2003	253	-34	442	9.0	11.8	-0.17	-0.07	100.6	3.03	-1.7	-0.8	-1.6	-1.6	-1.5	98.5	99.2	101.1
2004	300	53	402	8.5	10.4	-0.15	-0.07	101.4	2.98	-0.5	0.3	-0.4	-0.6	-0.4	99.1	99.3	100.7
2005	284	137	395	12.3	11.8	-0.10	-0.04	100.7	3.01	-0.2	0.3	-0.6	0.1	-0.8	99.2	99.5	100.7
2006	278	223	439	14.4	12.6	-0.09	-0.05	100.7	2.98	0.5	0.7	0.2	0.5	-0.4	99.9	99.5	100.9
2007	183	332	443	15.8	13.2	-0.08	-0.05	100.7	2.96	1.1	1.1	0.3	1.4	0.5	101.0	100.2	100.6

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.