

Provincial genetic trends by birth year for Jersey cows
Canadian Dairy Network, August 2012

Prince Edward Island

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1999	13	-595	-310	-15.0	-14.8	0.02	-0.05	99.5	3.00	-1.5	0.4	-0.8	-2.5	0.2	98.9	100.8	100.6
2000	9	-285	-242	-4.1	-6.7	0.12	0.04	99.6	2.98	0.0	1.9	1.3	-1.8	0.8	97.6	97.2	98.4
2001	7	-417	-185	-14.1	-12.3	-0.08	-0.08	98.0	3.04	-0.1	-0.4	0.6	-0.7	-0.6	100.9	102.6	100.3
2002	16	-333	-317	-17.3	-13.6	-0.02	-0.03	98.7	2.99	0.7	0.1	1.2	0.5	0.1	102.1	101.8	101.7
2003	8	-230	-136	-8.9	-9.0	-0.03	-0.06	98.4	2.96	1.5	1.1	0.8	0.6	-0.4	101.1	100.1	100.9
2004	17	-43	140	1.3	1.8	-0.08	-0.05	100.7	2.97	0.9	1.5	0.2	0.3	0.9	100.1	99.9	99.9
2005	6	15	-35	-6.0	-2.2	-0.06	-0.01	98.8	2.98	3.2	2.5	0.7	3.7	1.5	100.2	99.2	97.5
2006	7	202	-35	11.4	3.1	0.20	0.07	97.4	2.97	1.6	-0.9	0.7	2.3	1.6	101.9	97.9	98.9
2007	7	297	169	12.9	7.4	0.07	0.02	98.7	3.00	2.7	2.9	1.3	3.1	0.0	99.7	98.8	98.3
2008	10	362	525	17.7	16.9	-0.10	-0.03	98.5	3.04	2.1	0.7	0.3	2.5	0.3	100.1	98.6	99.1
2009	4	286	299	12.0	11.5	-0.04	0.00	100.8	2.92	1.8	0.5	-0.3	2.0	2.8	100.8	98.3	95.7

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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Nova Scotia

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1999	25	-528	-184	-5.0	-6.7	0.06	0.00	101.2	2.98	-3.6	-2.5	-2.5	-4.7	-0.8	98.8	100.7	101.7
2000	29	-363	-194	-9.4	-8.3	0.01	-0.02	100.0	2.94	-2.0	-1.7	0.4	-2.7	-1.1	100.9	101.4	101.7
2001	28	-180	-40	2.2	2.8	0.07	0.07	100.3	2.98	-3.1	-1.9	-1.0	-3.5	-1.4	99.3	101.0	100.7
2002	39	-323	-261	-8.5	-7.9	0.07	0.03	98.3	2.99	-1.2	-0.7	0.6	-1.8	0.1	99.8	100.2	99.4
2003	44	-222	-71	-6.8	-3.0	-0.05	-0.01	100.3	2.96	-1.2	-1.5	0.3	-1.4	-0.5	100.6	100.9	100.8
2004	37	-376	-223	-9.9	-10.9	0.02	-0.04	100.0	3.05	-0.5	-0.9	1.3	-0.9	0.4	99.6	101.3	100.2
2005	42	-174	-25	-4.0	-1.4	-0.04	-0.00	99.1	3.03	-0.1	0.9	0.5	-0.9	1.1	99.9	100.6	100.6
2006	35	5	23	1.9	-0.8	0.01	-0.02	100.2	2.94	1.2	1.1	1.0	1.0	0.7	100.8	100.0	99.7
2007	42	83	143	1.4	3.0	-0.07	-0.03	100.1	2.95	1.6	1.5	0.9	1.4	1.5	101.1	100.2	98.9
2008	52	276	148	13.7	7.9	0.10	0.04	99.8	2.96	1.5	1.6	0.4	1.4	0.9	100.8	100.4	98.0
2009	36	325	114	10.4	5.5	0.08	0.02	99.5	2.95	2.5	1.6	1.3	2.6	0.8	101.9	102.1	99.0

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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New Brunswick

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1999	54	-569	-357	-14.7	-11.9	0.05	0.02	104.4	2.96	-2.6	-2.0	-1.6	-3.2	-0.5	98.7	100.9	101.1
2000	70	-518	-236	-11.4	-7.9	0.01	0.02	104.0	2.97	-2.5	-0.5	-1.6	-3.5	-0.0	97.8	99.4	99.3
2001	58	-425	-236	-10.3	-7.3	0.02	0.03	102.8	2.97	-2.6	-1.4	-1.1	-3.3	-0.5	99.7	101.3	101.2
2002	53	-311	-165	-6.0	-5.1	0.04	0.02	102.4	3.00	-1.0	-0.4	-0.5	-1.6	-0.2	98.5	100.4	100.2
2003	84	-249	-70	-4.5	-2.4	-0.01	0.01	102.6	2.99	-1.2	-0.7	-0.5	-1.5	0.2	99.5	100.7	100.3
2004	57	-220	-66	-5.0	-2.3	-0.02	0.01	101.7	2.99	-0.6	0.4	0.0	-1.1	-0.1	99.4	99.5	100.2
2005	79	-151	55	-1.5	2.3	-0.05	0.01	101.5	3.00	-1.0	-0.5	-0.5	-1.2	-0.2	99.7	100.0	101.0
2006	74	-84	-28	0.9	-0.4	0.04	0.01	100.5	2.97	-0.1	-0.6	-0.2	-0.3	0.2	100.7	100.4	100.7
2007	87	80	62	5.1	4.0	0.03	0.03	100.7	2.94	0.4	0.5	0.3	0.1	0.6	101.0	100.4	99.6
2008	74	129	206	10.5	7.3	0.02	-0.00	101.4	2.96	0.3	0.2	-0.3	0.4	-0.2	100.1	100.1	98.2
2009	43	220	196	12.5	9.7	0.05	0.04	101.1	2.97	0.7	-0.2	-0.3	0.8	0.6	100.6	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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Quebec

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1999	468	-578	-345	-15.2	-13.3	0.03	-0.00	101.3	3.01	-1.6	-0.5	-1.2	-2.4	0.5	98.5	100.3	100.0
2000	500	-465	-266	-11.3	-9.8	0.03	0.00	101.0	3.00	-1.4	0.1	-0.9	-2.2	0.6	98.6	99.9	100.1
2001	671	-375	-253	-11.4	-8.7	0.02	0.01	100.4	2.99	-0.8	0.1	-0.5	-1.5	0.5	99.5	100.6	100.2
2002	832	-296	-225	-7.7	-6.4	0.06	0.03	100.4	3.00	-0.7	0.3	-0.2	-1.5	0.6	99.5	100.6	100.6
2003	888	-262	-203	-9.4	-6.5	0.02	0.02	99.7	3.02	0.0	0.7	0.3	-0.7	0.9	100.0	100.8	100.3
2004	985	-145	-90	-4.6	-3.4	0.00	0.00	99.7	3.02	0.6	1.3	0.7	0.1	1.1	100.1	100.4	99.9
2005	985	10	10	1.7	0.7	0.02	0.01	99.5	3.00	1.2	1.9	0.7	0.7	1.1	100.2	100.2	100.0
2006	1044	77	-11	2.5	0.9	0.05	0.02	99.4	2.98	1.6	1.9	1.4	1.1	1.1	100.7	100.4	100.1
2007	1179	155	24	5.3	3.0	0.06	0.03	99.3	2.97	1.7	1.6	0.6	1.6	1.6	101.2	100.7	98.0
2008	1180	245	135	8.8	6.5	0.04	0.02	99.5	2.96	2.0	1.7	0.6	2.0	1.2	101.1	100.6	97.9
2009	1076	375	224	15.2	10.9	0.07	0.04	99.6	2.97	2.0	1.7	0.8	1.9	1.7	101.3	101.0	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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Ontario

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1999	2029	-431	-198	-7.6	-7.9	0.04	-0.00	100.7	3.00	-1.8	-0.5	-1.2	-2.6	0.1	98.8	100.5	100.3
2000	2051	-427	-209	-9.8	-8.1	0.01	-0.00	100.5	3.00	-1.3	-0.1	-0.9	-2.2	0.5	98.7	100.1	99.7
2001	2188	-294	-109	-5.0	-3.9	0.01	0.01	100.1	3.00	-1.3	-0.4	-0.7	-1.8	-0.1	99.2	100.1	100.0
2002	2160	-235	-89	-3.1	-2.5	0.03	0.02	100.4	3.01	-0.9	0.0	-0.3	-1.6	0.5	99.1	100.3	100.1
2003	1980	-168	-54	-3.3	-1.9	-0.00	0.00	99.6	3.02	0.0	0.5	0.1	-0.6	0.7	99.8	100.3	100.0
2004	2131	-109	-56	-2.9	-2.0	0.01	0.00	99.6	3.01	0.6	1.1	0.8	0.0	1.1	100.1	100.2	99.7
2005	2102	-10	2	1.1	0.5	0.02	0.01	99.6	3.00	1.0	1.4	0.7	0.5	1.1	100.4	100.4	99.9
2006	1922	78	32	3.3	1.6	0.03	0.01	99.5	2.99	1.4	1.5	1.3	1.0	1.2	100.9	100.3	100.2
2007	2028	165	40	4.6	2.5	0.05	0.02	99.5	2.96	2.0	1.8	1.1	1.7	1.8	101.6	100.9	98.8
2008	2023	233	94	7.7	4.7	0.05	0.02	99.6	2.96	2.2	1.9	1.2	2.0	1.6	101.4	100.6	98.2
2009	1854	340	147	11.4	7.8	0.07	0.04	99.7	2.95	2.4	1.9	1.4	2.1	1.8	101.6	101.1	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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Manitoba

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1999	87	-567	-102	-8.1	-5.9	-0.04	-0.03	101.7	3.01	-3.5	-2.3	-2.6	-3.7	-1.6	97.5	99.6	100.3
2000	88	-453	-28	-3.2	-2.2	-0.02	-0.01	102.1	2.98	-3.3	-1.5	-2.6	-3.7	-0.7	97.5	99.2	99.7
2001	103	-309	61	-0.4	0.9	-0.04	-0.02	101.3	2.97	-2.9	-1.7	-2.0	-3.1	-1.2	98.9	99.7	100.1
2002	112	-180	128	4.7	5.1	-0.01	0.01	100.4	2.99	-2.4	-0.7	-1.5	-2.8	-0.7	98.2	99.4	99.5
2003	145	-226	-71	-4.0	-1.2	-0.00	0.02	100.6	2.98	-1.5	-0.7	-0.8	-2.0	-0.4	99.7	100.9	100.2
2004	105	-128	120	2.0	3.4	-0.05	-0.01	101.2	2.98	-1.5	-0.4	-0.9	-1.7	-0.7	99.6	100.9	101.0
2005	105	30	281	12.4	11.0	-0.01	0.01	102.1	2.99	-2.0	-0.9	-1.7	-2.0	-0.7	99.2	100.6	101.1
2006	97	40	297	10.4	10.2	-0.05	-0.01	101.2	3.01	-1.0	0.2	-0.8	-1.2	-0.5	99.2	100.5	101.0
2007	88	31	173	6.8	6.9	-0.01	0.01	100.1	2.98	-0.8	-0.1	-0.9	-1.0	-0.1	100.5	101.2	101.2
2008	76	207	337	18.3	13.9	0.03	0.02	100.7	2.95	-0.8	-0.1	-1.3	-0.8	-0.3	99.8	99.7	98.9
2009	74	325	329	15.5	14.3	-0.00	0.03	100.1	2.97	0.6	0.0	-0.3	0.8	0.4	101.0	101.0	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.
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Saskatchewan

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1999	50	-532	-250	-10.6	-9.4	0.04	0.01	102.8	2.94	-2.6	-0.2	-1.8	-3.4	0.1	98.0	99.0	99.7
2000	48	-401	-102	-9.0	-5.1	-0.05	-0.02	102.4	2.97	-1.7	-0.6	-0.9	-2.4	-0.4	98.5	99.6	99.5
2001	63	-262	-109	-4.4	-3.6	0.02	0.01	102.4	2.98	-1.2	-0.5	-0.2	-1.6	-0.4	99.2	100.2	101.2
2002	50	-214	-52	0.7	0.3	0.05	0.04	102.8	2.97	-1.6	-1.0	-1.3	-2.0	-0.2	98.5	99.4	99.6
2003	83	-262	-190	-11.6	-7.9	-0.03	-0.01	102.0	2.98	0.2	-0.2	0.6	-0.2	0.6	100.7	100.8	100.6
2004	80	-298	-222	-12.9	-8.7	-0.02	-0.00	100.5	3.02	0.5	0.5	0.6	-0.0	1.1	100.2	100.7	100.0
2005	63	-184	-241	-10.2	-7.5	0.03	0.03	100.1	3.00	1.0	1.4	1.6	0.1	1.6	100.7	100.6	100.1
2006	28	-50	-165	-6.8	-5.8	0.03	0.01	100.9	2.98	1.9	1.2	2.0	1.7	1.8	101.6	100.7	101.2
2007	34	52	-143	-5.0	-3.7	0.04	0.03	99.8	3.01	3.1	2.5	2.6	2.1	2.6	101.4	100.7	99.2
2008	44	-11	-170	-5.0	-5.2	0.06	0.02	100.5	2.95	2.5	2.1	1.3	2.2	1.3	101.0	100.5	98.0
2009	21	121	-60	3.5	0.1	0.11	0.04	100.6	2.96	2.0	1.6	1.6	1.9	1.7	100.5	99.2	97.9

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
1999	163	-571	-226	-11.0	-9.9	0.01	-0.02	102.4	2.99	-2.9	-1.7	-2.0	-3.5	-0.2	98.8	100.8	100.4
2000	167	-543	-168	-13.4	-8.1	-0.07	-0.02	102.2	3.00	-2.3	-1.0	-1.6	-3.0	0.1	98.3	100.0	100.0
2001	210	-450	-201	-12.1	-7.9	-0.03	-0.00	101.3	3.02	-1.6	-0.7	-1.1	-2.1	0.1	98.9	100.9	99.9
2002	202	-306	-137	-7.0	-4.4	0.00	0.01	100.1	3.00	-1.3	-0.6	-0.7	-1.7	-0.1	99.4	100.6	99.9
2003	178	-224	-127	-6.6	-4.6	0.00	0.00	99.8	3.00	-0.2	0.2	-0.2	-0.6	0.5	100.5	100.7	101.1
2004	204	-193	-5	-3.2	-1.6	-0.04	-0.02	100.0	3.01	-0.4	-0.2	-0.1	-0.7	0.4	99.9	100.3	100.4
2005	206	-25	-45	1.0	-0.3	0.05	0.02	100.3	2.97	0.5	0.4	-0.1	0.5	0.7	100.6	100.3	100.1
2006	176	-4	-29	0.8	0.0	0.04	0.02	98.7	3.00	0.7	0.2	0.6	0.5	0.7	101.1	100.9	100.3
2007	177	124	20	4.3	1.5	0.06	0.01	99.8	2.94	1.6	1.0	0.6	1.7	1.1	101.5	100.3	99.2
2008	189	215	136	8.8	6.4	0.04	0.02	99.7	2.97	1.4	0.7	0.5	1.4	1.0	101.5	100.9	99.0
2009	179	181	55	6.1	3.8	0.05	0.03	99.1	2.97	1.7	0.9	1.0	1.6	1.4	101.5	100.9	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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British Columbia

Year	Cows	LPI	Milk	Fat	Protein	Fat%	Protein%	Pers	SCS	Conf	DS	F&L	MS	Rump	HL	DF	DCA
1999	199	-468	180	-2.0	0.5	-0.15	-0.09	102.3	2.98	-4.0	-3.1	-3.5	-3.8	-2.9	98.3	100.4	102.0
2000	226	-425	216	-1.9	2.7	-0.17	-0.08	102.6	2.97	-4.0	-2.4	-3.2	-4.1	-1.9	98.4	100.2	101.7
2001	254	-393	271	0.1	4.3	-0.18	-0.08	101.8	2.98	-4.1	-3.0	-2.9	-3.9	-2.5	98.3	99.4	101.6
2002	247	-306	222	2.7	5.1	-0.11	-0.04	101.5	3.00	-3.5	-2.5	-2.5	-3.3	-2.0	98.1	99.8	101.0
2003	264	-245	360	4.7	8.9	-0.18	-0.06	100.9	3.04	-3.2	-2.2	-2.4	-3.0	-2.2	98.0	99.5	101.3
2004	309	-154	322	4.2	7.5	-0.16	-0.06	101.4	2.99	-2.1	-1.0	-1.2	-2.1	-1.0	98.9	99.6	101.0
2005	297	-78	336	8.4	9.2	-0.11	-0.05	100.8	3.02	-1.8	-1.0	-1.4	-1.5	-1.5	98.8	99.7	101.1
2006	290	-8	334	9.4	8.8	-0.09	-0.05	100.8	2.99	-1.0	-0.6	-0.5	-1.0	-1.0	99.5	99.4	101.0
2007	269	119	336	11.2	9.8	-0.07	-0.04	100.6	2.98	-0.3	-0.3	-0.5	0.0	-0.2	100.6	100.7	100.8
2008	254	196	317	12.8	10.6	-0.03	-0.02	100.1	2.97	0.1	-0.3	-0.2	0.5	-0.5	100.9	100.5	100.6
2009	266	259	448	16.2	14.5	-0.08	-0.03	100.0	2.98	0.3	0.2	-0.3	0.6	-0.1	100.4	100.5	100.2

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.