

Provincial genetic trends by birth year for Holstein 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 | 1943 | 1332 | -456 | -12.8 | -15.0 | 0.04 | 0.00 | 100.5 | 2.99 | -2.9 | -1.9 | -1.7 | -3.4 | -0.3 | 100.6 | 101.8 | 100.3 |
| 2001 | 2177 | 1348 | -412 | -13.1 | -13.9 | 0.02 | -0.00 | 100.5 | 3.00 | -2.6 | -1.9 | -1.4 | -3.2 | -0.4 | 100.5 | 102.0 | 100.5 |
| 2002 | 2285 | 1387 | -360 | -11.9 | -11.8 | 0.02 | 0.00 | 100.4 | 3.00 | -1.8 | -0.9 | -0.9 | -2.6 | 0.4 | 100.4 | 101.4 | 100.2 |
| 2003 | 2203 | 1432 | -250 | -11.8 | -10.0 | -0.02 | -0.01 | 99.6 | 3.04 | -0.8 | -0.2 | -0.4 | -1.7 | 0.8 | 100.5 | 101.6 | 101.1 |
| 2004 | 2403 | 1481 | -156 | -9.3 | -6.8 | -0.03 | -0.01 | 99.9 | 3.03 | -0.4 | 0.3 | -0.2 | -1.0 | 0.7 | 100.2 | 101.2 | 100.3 |
| 2005 | 2229 | 1533 | -151 | -7.1 | -5.5 | -0.01 | -0.00 | 99.8 | 3.02 | 0.5 | 0.7 | 0.3 | -0.2 | 1.1 | 100.6 | 101.0 | 99.9 |
| 2006 | 2195 | 1606 | -84 | -3.1 | -3.4 | 0.00 | -0.00 | 99.6 | 3.01 | 1.3 | 1.1 | 1.0 | 0.6 | 1.6 | 101.2 | 100.9 | 100.8 |
| 2007 | 2210 | 1694 | 43 | 2.8 | 1.3 | 0.02 | 0.00 | 99.3 | 2.98 | 1.9 | 1.5 | 1.3 | 1.3 | 1.7 | 101.5 | 100.7 | 100.6 |
| 2008 | 2207 | 1775 | 163 | 5.5 | 5.2 | 0.00 | 0.00 | 99.2 | 2.97 | 2.8 | 2.1 | 2.1 | 2.0 | 2.3 | 102.0 | 100.5 | 100.9 |
| 2009 | 2257 | 1832 | 230 | 9.8 | 7.3 | 0.02 | -0.00 | 99.3 | 2.96 | 3.3 | 2.2 | 2.3 | 2.6 | 2.4 | 102.3 | 100.5 | 100.7 |
| 2010 | 2063 | 1919 | 290 | 14.7 | 10.4 | 0.04 | 0.01 | 99.7 | 2.94 | 4.3 | 3.1 | 3.3 | 3.4 | 2.7 | 102.5 | 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.

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

Nova Scotia

| Year | Cows | LPI | Milk | Fat | Protein | Fat% | Protein% | Pers | SCS | Conf | DS | F&L | MS | Rump | HL | DF | DCA |
|------|------|------|------|-------|---------|-------|----------|------|------|------|------|------|------|------|-------|-------|-------|
| 2000 | 2762 | 1322 | -435 | -14.1 | -13.4 | 0.02 | 0.01 | 99.5 | 3.00 | -3.8 | -2.7 | -2.2 | -4.1 | -0.9 | 100.8 | 102.4 | 100.6 |
| 2001 | 3319 | 1374 | -353 | -10.6 | -10.8 | 0.03 | 0.01 | 99.4 | 3.01 | -3.2 | -2.3 | -1.7 | -3.5 | -0.8 | 100.7 | 101.9 | 100.9 |
| 2002 | 3350 | 1402 | -294 | -10.4 | -9.3 | 0.01 | 0.00 | 99.3 | 3.02 | -2.3 | -1.4 | -1.2 | -2.9 | -0.2 | 100.5 | 101.5 | 100.9 |
| 2003 | 3381 | 1458 | -207 | -10.5 | -7.2 | -0.02 | -0.00 | 99.0 | 3.04 | -1.2 | -0.6 | -0.4 | -1.9 | 0.1 | 100.7 | 101.7 | 101.4 |
| 2004 | 3334 | 1490 | -160 | -7.3 | -5.3 | -0.01 | 0.00 | 99.5 | 3.02 | -1.1 | -0.4 | -0.6 | -1.5 | -0.1 | 100.4 | 101.3 | 100.6 |
| 2005 | 3182 | 1563 | -85 | -4.0 | -2.2 | -0.00 | 0.01 | 99.2 | 3.01 | -0.2 | 0.0 | -0.1 | -0.7 | 0.4 | 100.9 | 101.2 | 100.7 |
| 2006 | 2763 | 1653 | -30 | 1.5 | 0.5 | 0.03 | 0.02 | 99.2 | 2.99 | 0.6 | 0.3 | 0.5 | 0.1 | 0.9 | 101.8 | 101.4 | 101.3 |
| 2007 | 2852 | 1709 | 115 | 4.4 | 4.0 | 0.01 | 0.00 | 99.0 | 2.99 | 1.2 | 0.6 | 0.9 | 0.8 | 0.9 | 101.6 | 101.0 | 100.6 |
| 2008 | 3136 | 1793 | 187 | 8.6 | 7.1 | 0.02 | 0.01 | 99.0 | 2.96 | 2.1 | 1.4 | 1.7 | 1.5 | 1.7 | 102.1 | 100.9 | 100.9 |
| 2009 | 2951 | 1838 | 247 | 11.2 | 8.5 | 0.03 | 0.01 | 98.5 | 2.96 | 2.8 | 1.8 | 2.0 | 2.2 | 2.0 | 102.4 | 100.8 | 100.8 |
| 2010 | 2744 | 1940 | 395 | 17.1 | 13.4 | 0.03 | 0.01 | 99.0 | 2.94 | 3.6 | 2.5 | 2.7 | 2.8 | 2.5 | 102.8 | 100.8 | 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.
3. Conformation indexes based on first lactation classifications of each cow.

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

New Brunswick

| Year | Cows | LPI | Milk | Fat | Protein | Fat% | Protein% | Pers | SCS | Conf | DS | F&L | MS | Rump | HL | DF | DCA |
|------|------|------|------|-------|---------|-------|----------|-------|------|------|------|------|------|------|-------|-------|-------|
| 2000 | 2327 | 1331 | -385 | -13.2 | -13.2 | 0.01 | -0.00 | 100.1 | 3.00 | -3.5 | -2.5 | -2.2 | -3.9 | -0.6 | 100.7 | 102.4 | 100.7 |
| 2001 | 2696 | 1364 | -335 | -10.9 | -12.1 | 0.02 | -0.01 | 100.3 | 3.01 | -3.1 | -2.3 | -1.8 | -3.5 | -0.6 | 100.6 | 102.2 | 100.9 |
| 2002 | 2649 | 1396 | -281 | -10.9 | -9.5 | -0.00 | -0.00 | 99.8 | 3.01 | -2.4 | -1.4 | -1.3 | -3.1 | -0.1 | 100.5 | 101.6 | 100.9 |
| 2003 | 2569 | 1447 | -178 | -10.5 | -7.3 | -0.03 | -0.01 | 99.2 | 3.03 | -1.5 | -0.8 | -0.8 | -2.1 | 0.3 | 100.7 | 101.7 | 101.5 |
| 2004 | 2570 | 1501 | -32 | -7.3 | -3.9 | -0.05 | -0.02 | 99.4 | 3.04 | -1.0 | -0.4 | -0.4 | -1.4 | -0.1 | 100.3 | 101.2 | 101.1 |
| 2005 | 2451 | 1555 | -15 | -5.0 | -2.7 | -0.04 | -0.02 | 99.3 | 3.02 | -0.1 | 0.1 | 0.1 | -0.5 | 0.4 | 100.8 | 101.0 | 100.9 |
| 2006 | 2350 | 1629 | 37 | -0.3 | -0.1 | -0.01 | -0.01 | 99.1 | 3.00 | 0.6 | 0.5 | 0.6 | 0.1 | 1.1 | 101.5 | 100.9 | 101.5 |
| 2007 | 2333 | 1700 | 130 | 4.6 | 3.8 | 0.00 | -0.00 | 99.0 | 2.98 | 1.0 | 0.8 | 0.7 | 0.7 | 0.8 | 101.5 | 100.8 | 100.9 |
| 2008 | 2379 | 1771 | 232 | 7.6 | 6.7 | -0.00 | -0.01 | 99.0 | 2.96 | 1.9 | 1.4 | 1.5 | 1.2 | 1.5 | 102.0 | 100.8 | 101.1 |
| 2009 | 2293 | 1820 | 310 | 10.3 | 9.2 | -0.01 | -0.01 | 98.8 | 2.96 | 2.3 | 1.4 | 1.7 | 1.7 | 1.7 | 102.2 | 100.8 | 100.9 |
| 2010 | 1989 | 1901 | 365 | 16.0 | 12.9 | 0.03 | 0.01 | 98.9 | 2.95 | 3.1 | 2.4 | 2.5 | 2.3 | 2.1 | 102.1 | 100.2 | 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.
3. Conformation indexes based on first lactation classifications of each cow.

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

Quebec

| Year | Cows | LPI | Milk | Fat | Protein | Fat% | Protein% | Pers | SCS | Conf | DS | F&L | MS | Rump | HL | DF | DCA |
|------|-------|------|------|-------|---------|-------|----------|------|------|------|------|------|------|------|-------|-------|-------|
| 2000 | 60591 | 1313 | -451 | -14.7 | -13.9 | 0.02 | 0.01 | 99.9 | 3.02 | -3.9 | -2.7 | -2.1 | -4.4 | -0.8 | 100.6 | 102.9 | 100.6 |
| 2001 | 67100 | 1359 | -412 | -11.9 | -12.2 | 0.03 | 0.01 | 99.9 | 3.02 | -3.2 | -2.2 | -1.7 | -3.8 | -0.4 | 100.7 | 102.4 | 100.9 |
| 2002 | 69260 | 1402 | -334 | -11.1 | -9.8 | 0.01 | 0.01 | 99.9 | 3.02 | -2.5 | -1.6 | -1.0 | -3.2 | -0.0 | 100.6 | 102.1 | 101.1 |
| 2003 | 69367 | 1464 | -179 | -9.6 | -6.3 | -0.03 | -0.00 | 99.3 | 3.05 | -1.6 | -1.0 | -0.6 | -2.2 | 0.2 | 100.7 | 102.1 | 101.7 |
| 2004 | 69820 | 1511 | -119 | -5.3 | -3.9 | -0.00 | 0.00 | 99.7 | 3.03 | -1.2 | -0.8 | -0.5 | -1.6 | 0.0 | 100.5 | 101.5 | 100.6 |
| 2005 | 66856 | 1568 | -67 | -3.4 | -2.2 | -0.00 | 0.00 | 99.6 | 3.02 | -0.3 | -0.2 | 0.1 | -0.7 | 0.5 | 100.9 | 101.3 | 100.8 |
| 2006 | 62285 | 1662 | 28 | 3.0 | 1.5 | 0.02 | 0.01 | 99.6 | 2.99 | 0.5 | 0.1 | 0.6 | 0.1 | 0.8 | 101.5 | 101.1 | 101.2 |
| 2007 | 63496 | 1730 | 155 | 5.8 | 5.7 | 0.01 | 0.01 | 99.6 | 2.98 | 1.0 | 0.5 | 1.0 | 0.7 | 0.7 | 101.5 | 101.0 | 100.7 |
| 2008 | 65572 | 1799 | 226 | 8.9 | 8.4 | 0.01 | 0.01 | 99.3 | 2.96 | 1.8 | 1.0 | 1.6 | 1.3 | 1.4 | 102.1 | 101.0 | 100.9 |
| 2009 | 65113 | 1848 | 320 | 12.2 | 10.7 | 0.01 | 0.00 | 98.8 | 2.96 | 2.3 | 1.3 | 1.8 | 1.9 | 1.6 | 102.3 | 100.7 | 100.7 |
| 2010 | 55879 | 1951 | 430 | 18.0 | 15.1 | 0.03 | 0.01 | 99.2 | 2.95 | 3.3 | 2.1 | 2.8 | 2.6 | 2.1 | 102.5 | 100.7 | 100.8 |

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.

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

Ontario

| Year | Cows | LPI | Milk | Fat | Protein | Fat% | Protein% | Pers | SCS | Conf | DS | F&L | MS | Rump | HL | DF | DCA |
|------|-------|------|------|-------|---------|------|----------|-------|------|------|------|------|------|------|-------|-------|-------|
| 2000 | 48599 | 1345 | -459 | -11.0 | -13.5 | 0.06 | 0.02 | 100.2 | 2.99 | -3.4 | -2.3 | -1.8 | -3.9 | -0.7 | 100.6 | 102.2 | 100.2 |
| 2001 | 52935 | 1379 | -392 | -9.0 | -11.5 | 0.06 | 0.01 | 100.1 | 3.00 | -3.0 | -2.0 | -1.5 | -3.6 | -0.5 | 100.4 | 102.0 | 100.4 |
| 2002 | 52723 | 1413 | -332 | -8.3 | -9.5 | 0.04 | 0.01 | 99.8 | 3.01 | -2.3 | -1.3 | -1.1 | -3.0 | -0.2 | 100.4 | 101.6 | 100.8 |
| 2003 | 51254 | 1461 | -231 | -7.4 | -7.5 | 0.02 | 0.00 | 99.3 | 3.02 | -1.5 | -0.7 | -0.7 | -2.2 | 0.3 | 100.6 | 101.6 | 101.1 |
| 2004 | 53928 | 1504 | -153 | -5.2 | -5.1 | 0.01 | 0.00 | 99.7 | 3.02 | -1.0 | -0.5 | -0.4 | -1.6 | 0.1 | 100.5 | 101.3 | 100.6 |
| 2005 | 53139 | 1561 | -93 | -3.0 | -3.1 | 0.01 | 0.00 | 99.5 | 3.01 | -0.2 | -0.0 | 0.1 | -0.7 | 0.3 | 100.7 | 101.1 | 100.6 |
| 2006 | 51121 | 1640 | -19 | 2.2 | 0.0 | 0.03 | 0.01 | 99.4 | 2.99 | 0.5 | 0.4 | 0.5 | 0.0 | 0.9 | 101.3 | 101.0 | 101.0 |
| 2007 | 52366 | 1693 | 72 | 4.8 | 2.7 | 0.03 | 0.01 | 99.3 | 2.98 | 0.9 | 0.6 | 0.9 | 0.5 | 0.8 | 101.5 | 100.9 | 100.7 |
| 2008 | 53062 | 1763 | 144 | 7.5 | 5.5 | 0.03 | 0.01 | 99.2 | 2.96 | 1.9 | 1.2 | 1.6 | 1.3 | 1.5 | 102.0 | 100.7 | 101.0 |
| 2009 | 51600 | 1810 | 234 | 10.3 | 7.5 | 0.02 | 0.00 | 98.9 | 2.96 | 2.4 | 1.6 | 1.8 | 1.8 | 1.6 | 102.1 | 100.7 | 100.7 |
| 2010 | 47118 | 1906 | 349 | 16.3 | 12.4 | 0.04 | 0.01 | 99.1 | 2.96 | 3.3 | 2.3 | 2.6 | 2.5 | 2.2 | 102.3 | 100.4 | 100.8 |

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.

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

Manitoba

| Year | Cows | LPI | Milk | Fat | Protein | Fat% | Protein% | Pers | SCS | Conf | DS | F&L | MS | Rump | HL | DF | DCA |
|------|------|------|------|-------|---------|-------|----------|-------|------|------|------|------|------|------|-------|-------|-------|
| 2000 | 4957 | 1307 | -427 | -15.2 | -13.3 | 0.01 | 0.01 | 100.4 | 2.99 | -4.4 | -3.7 | -2.4 | -4.3 | -1.6 | 100.6 | 102.5 | 100.3 |
| 2001 | 5255 | 1344 | -354 | -13.1 | -10.9 | 0.00 | 0.01 | 100.7 | 3.00 | -4.0 | -3.4 | -2.0 | -4.0 | -1.7 | 100.4 | 102.2 | 100.4 |
| 2002 | 5480 | 1355 | -343 | -12.9 | -10.8 | 0.00 | 0.01 | 100.4 | 3.01 | -3.3 | -2.7 | -1.6 | -3.5 | -1.2 | 100.2 | 101.7 | 100.5 |
| 2003 | 5744 | 1401 | -298 | -12.0 | -9.4 | -0.01 | 0.01 | 100.0 | 3.01 | -2.6 | -2.2 | -1.1 | -2.7 | -0.9 | 100.6 | 101.8 | 101.0 |
| 2004 | 5411 | 1456 | -185 | -9.5 | -6.4 | -0.02 | -0.00 | 99.9 | 3.01 | -1.9 | -1.8 | -0.9 | -2.0 | -0.7 | 100.6 | 101.5 | 100.8 |
| 2005 | 5465 | 1496 | -148 | -7.9 | -5.2 | -0.02 | -0.00 | 100.0 | 3.01 | -1.2 | -1.3 | -0.4 | -1.3 | -0.6 | 100.7 | 101.4 | 100.7 |
| 2006 | 5538 | 1569 | -49 | -3.4 | -2.1 | -0.01 | -0.00 | 99.7 | 3.00 | -0.5 | -0.9 | 0.2 | -0.6 | -0.1 | 101.1 | 101.0 | 100.9 |
| 2007 | 5348 | 1636 | 47 | 0.9 | 1.1 | -0.00 | -0.00 | 99.7 | 2.99 | 0.1 | -0.4 | 0.5 | -0.0 | 0.1 | 101.3 | 101.0 | 100.5 |
| 2008 | 5744 | 1711 | 125 | 4.2 | 4.0 | 0.00 | 0.00 | 99.3 | 2.98 | 1.1 | 0.4 | 1.2 | 0.8 | 0.8 | 101.7 | 100.8 | 101.0 |
| 2009 | 5472 | 1766 | 203 | 7.7 | 5.8 | 0.01 | -0.01 | 99.1 | 2.97 | 1.6 | 0.6 | 1.5 | 1.3 | 0.9 | 102.2 | 101.0 | 101.0 |
| 2010 | 3930 | 1876 | 332 | 12.7 | 10.5 | 0.01 | -0.00 | 99.3 | 2.96 | 2.6 | 1.1 | 2.3 | 2.3 | 1.4 | 102.7 | 101.3 | 101.2 |

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.

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

Saskatchewan

| Year | Cows | LPI | Milk | Fat | Protein | Fat% | Protein% | Pers | SCS | Conf | DS | F&L | MS | Rump | HL | DF | DCA |
|------|------|------|------|-------|---------|-------|----------|-------|------|------|------|------|------|------|-------|-------|-------|
| 2000 | 3798 | 1286 | -463 | -16.8 | -15.9 | 0.01 | -0.00 | 100.9 | 2.99 | -4.2 | -3.5 | -2.2 | -4.2 | -1.4 | 100.7 | 102.9 | 100.4 |
| 2001 | 4034 | 1347 | -344 | -13.0 | -12.2 | 0.00 | -0.01 | 100.8 | 3.00 | -3.7 | -3.1 | -1.8 | -3.8 | -1.3 | 100.5 | 102.7 | 100.4 |
| 2002 | 3895 | 1378 | -313 | -11.6 | -10.8 | 0.01 | -0.00 | 100.4 | 3.01 | -3.0 | -2.4 | -1.4 | -3.2 | -1.0 | 100.4 | 102.1 | 100.6 |
| 2003 | 4008 | 1430 | -197 | -10.5 | -8.0 | -0.03 | -0.01 | 100.1 | 3.02 | -2.3 | -2.0 | -1.0 | -2.6 | -0.7 | 100.7 | 102.2 | 101.1 |
| 2004 | 4149 | 1464 | -188 | -9.5 | -7.5 | -0.02 | -0.01 | 99.8 | 3.01 | -1.6 | -1.4 | -0.7 | -1.8 | -0.4 | 100.9 | 102.1 | 100.9 |
| 2005 | 4036 | 1512 | -144 | -8.1 | -5.9 | -0.02 | -0.01 | 99.8 | 3.02 | -0.7 | -0.8 | -0.1 | -0.9 | -0.3 | 101.0 | 101.9 | 100.8 |
| 2006 | 3813 | 1566 | -63 | -5.5 | -3.7 | -0.02 | -0.01 | 99.3 | 3.02 | 0.0 | -0.4 | 0.4 | -0.3 | 0.3 | 101.3 | 101.7 | 101.2 |
| 2007 | 3362 | 1643 | 33 | -1.5 | 0.1 | -0.02 | -0.01 | 99.1 | 3.00 | 0.7 | 0.0 | 0.7 | 0.5 | 0.5 | 101.7 | 101.6 | 100.9 |
| 2008 | 3780 | 1694 | 77 | 0.3 | 1.9 | -0.02 | -0.00 | 98.9 | 2.99 | 1.6 | 0.9 | 1.2 | 1.2 | 1.1 | 101.9 | 101.3 | 101.0 |
| 2009 | 3503 | 1744 | 143 | 3.5 | 3.5 | -0.01 | -0.01 | 98.9 | 2.98 | 2.0 | 1.1 | 1.6 | 1.6 | 1.2 | 102.3 | 101.6 | 101.0 |
| 2010 | 3208 | 1829 | 277 | 8.7 | 8.1 | -0.01 | -0.01 | 99.0 | 2.99 | 2.8 | 1.5 | 2.3 | 2.4 | 1.6 | 102.2 | 101.3 | 101.0 |

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.

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

Alberta

| Year | Cows | LPI | Milk | Fat | Protein | Fat% | Protein% | Pers | SCS | Conf | DS | F&L | MS | Rump | HL | DF | DCA |
|------|-------|------|------|-------|---------|-------|----------|-------|------|------|------|------|------|------|-------|-------|-------|
| 2000 | 10432 | 1312 | -274 | -16.3 | -11.8 | -0.06 | -0.02 | 100.3 | 3.00 | -4.6 | -4.0 | -2.5 | -4.4 | -1.9 | 100.8 | 103.1 | 100.5 |
| 2001 | 11450 | 1368 | -206 | -12.5 | -8.8 | -0.04 | -0.02 | 100.2 | 3.01 | -4.2 | -3.7 | -2.1 | -4.0 | -1.8 | 100.8 | 102.9 | 100.7 |
| 2002 | 11978 | 1411 | -149 | -10.4 | -6.7 | -0.04 | -0.01 | 99.7 | 3.01 | -3.4 | -3.0 | -1.8 | -3.4 | -1.4 | 100.7 | 102.4 | 100.8 |
| 2003 | 11734 | 1463 | -77 | -9.5 | -4.8 | -0.06 | -0.02 | 99.5 | 3.02 | -2.6 | -2.4 | -1.2 | -2.6 | -1.1 | 101.1 | 102.4 | 101.4 |
| 2004 | 12693 | 1502 | -42 | -8.0 | -3.7 | -0.06 | -0.02 | 99.5 | 3.01 | -1.9 | -2.0 | -1.0 | -1.8 | -1.0 | 101.2 | 102.3 | 101.3 |
| 2005 | 12866 | 1542 | -11 | -5.8 | -2.2 | -0.05 | -0.01 | 99.5 | 3.02 | -1.3 | -1.6 | -0.5 | -1.2 | -0.7 | 101.2 | 102.0 | 101.2 |
| 2006 | 12860 | 1599 | 59 | -2.9 | 0.4 | -0.04 | -0.01 | 99.3 | 3.02 | -0.5 | -1.1 | -0.1 | -0.5 | -0.2 | 101.4 | 101.6 | 101.2 |
| 2007 | 12131 | 1683 | 175 | 2.0 | 4.4 | -0.04 | -0.01 | 99.1 | 3.00 | 0.2 | -0.6 | 0.4 | 0.3 | -0.2 | 101.7 | 101.4 | 100.8 |
| 2008 | 12488 | 1749 | 246 | 5.2 | 6.7 | -0.03 | -0.01 | 98.8 | 2.99 | 1.2 | 0.2 | 1.2 | 1.1 | 0.5 | 102.0 | 101.2 | 101.0 |
| 2009 | 12342 | 1795 | 300 | 7.7 | 8.4 | -0.03 | -0.01 | 98.6 | 2.98 | 1.7 | 0.5 | 1.5 | 1.5 | 0.8 | 102.3 | 101.2 | 101.0 |
| 2010 | 9735 | 1872 | 373 | 12.0 | 11.2 | -0.01 | -0.01 | 98.7 | 2.98 | 2.6 | 1.0 | 2.2 | 2.4 | 1.3 | 102.6 | 101.0 | 101.0 |

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.

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

British Columbia

| Year | Cows | LPI | Milk | Fat | Protein | Fat% | Protein% | Pers | SCS | Conf | DS | F&L | MS | Rump | HL | DF | DCA |
|------|-------|------|------|-------|---------|-------|----------|-------|------|------|------|------|------|------|-------|-------|-------|
| 2000 | 10417 | 1326 | -304 | -13.5 | -11.4 | -0.02 | -0.01 | 100.7 | 3.00 | -4.3 | -3.4 | -2.5 | -4.3 | -1.5 | 100.5 | 102.6 | 100.7 |
| 2001 | 11618 | 1366 | -253 | -10.8 | -9.0 | -0.01 | -0.00 | 100.7 | 3.01 | -3.9 | -2.9 | -2.1 | -4.0 | -1.4 | 100.3 | 102.2 | 101.0 |
| 2002 | 11411 | 1407 | -185 | -9.1 | -7.0 | -0.02 | -0.01 | 100.2 | 3.01 | -3.1 | -2.2 | -1.6 | -3.4 | -0.8 | 100.3 | 101.7 | 101.1 |
| 2003 | 11413 | 1460 | -93 | -8.8 | -5.2 | -0.05 | -0.02 | 100.0 | 3.03 | -2.2 | -1.7 | -1.0 | -2.4 | -0.6 | 100.7 | 101.9 | 101.6 |
| 2004 | 11099 | 1497 | -37 | -7.9 | -3.3 | -0.06 | -0.02 | 99.9 | 3.03 | -1.6 | -1.4 | -0.9 | -1.6 | -0.6 | 100.6 | 101.7 | 101.2 |
| 2005 | 11305 | 1537 | -26 | -7.2 | -3.0 | -0.05 | -0.02 | 99.8 | 3.02 | -0.6 | -0.9 | -0.2 | -0.7 | -0.2 | 101.1 | 101.4 | 101.3 |
| 2006 | 11351 | 1609 | 30 | -2.0 | -0.3 | -0.02 | -0.01 | 99.6 | 3.01 | 0.2 | -0.3 | 0.2 | -0.0 | 0.5 | 101.4 | 101.2 | 101.3 |
| 2007 | 10731 | 1683 | 134 | 2.0 | 3.3 | -0.02 | -0.01 | 99.3 | 2.99 | 0.7 | -0.0 | 0.6 | 0.6 | 0.5 | 101.8 | 101.1 | 101.1 |
| 2008 | 10796 | 1741 | 223 | 3.7 | 5.9 | -0.04 | -0.01 | 99.1 | 2.98 | 1.6 | 0.7 | 1.3 | 1.4 | 1.1 | 101.9 | 100.8 | 101.0 |
| 2009 | 10989 | 1798 | 297 | 7.6 | 8.1 | -0.02 | -0.01 | 98.8 | 2.98 | 2.1 | 0.9 | 1.6 | 1.9 | 1.2 | 102.2 | 100.9 | 100.9 |
| 2010 | 9377 | 1878 | 376 | 12.0 | 11.5 | -0.01 | -0.01 | 99.1 | 2.98 | 3.1 | 1.5 | 2.4 | 2.7 | 1.8 | 102.3 | 100.7 | 100.8 |

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.

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

Newfoundland

| Year | Cows | LPI | Milk | Fat | Protein | Fat% | Protein% | Pers | SCS | Conf | DS | F&L | MS | Rump | HL | DF | DCA |
|------|------|------|------|-------|---------|-------|----------|-------|------|------|------|------|------|------|-------|-------|-------|
| 2000 | 6 | 1271 | -493 | -19.8 | -22.3 | -0.01 | -0.05 | 102.0 | 2.98 | -2.2 | -2.2 | -0.8 | -2.8 | -1.0 | 100.7 | 102.7 | 99.4 |
| 2001 | 17 | 1320 | -261 | -15.9 | -9.6 | -0.05 | -0.00 | 97.6 | 3.01 | -4.0 | -3.0 | -1.9 | -4.2 | -1.7 | 100.5 | 100.8 | 99.5 |
| 2002 | 27 | 1298 | -387 | -17.6 | -16.0 | -0.03 | -0.03 | 98.7 | 3.06 | -2.5 | -2.3 | -1.3 | -2.9 | 0.1 | 100.0 | 101.9 | 99.4 |
| 2003 | 64 | 1409 | -215 | -11.0 | -7.8 | -0.03 | -0.00 | 97.6 | 3.05 | -2.4 | -2.1 | -1.3 | -2.5 | -0.7 | 100.6 | 101.4 | 100.9 |
| 2004 | 55 | 1398 | -287 | -13.3 | -7.5 | -0.02 | 0.02 | 97.9 | 3.02 | -2.9 | -2.2 | -2.2 | -3.0 | -0.6 | 101.1 | 102.1 | 101.0 |
| 2005 | 116 | 1497 | -30 | -11.9 | -2.3 | -0.10 | -0.01 | 98.6 | 3.04 | -1.2 | -1.6 | -0.8 | -0.9 | -0.9 | 100.8 | 101.1 | 100.7 |
| 2006 | 105 | 1576 | 17 | -3.6 | -0.9 | -0.04 | -0.01 | 97.9 | 3.01 | -0.8 | -1.1 | -0.4 | -0.7 | -0.7 | 101.4 | 101.5 | 100.5 |
| 2007 | 101 | 1628 | 144 | 1.8 | 2.5 | -0.03 | -0.02 | 98.9 | 3.02 | -0.7 | -1.2 | -0.1 | -0.6 | -0.4 | 101.5 | 101.0 | 100.6 |
| 2008 | 101 | 1709 | 189 | 3.6 | 4.7 | -0.03 | -0.01 | 98.2 | 2.99 | 0.3 | -0.4 | 0.6 | 0.1 | 0.9 | 102.2 | 102.0 | 100.6 |
| 2009 | 145 | 1787 | 378 | 10.0 | 9.3 | -0.03 | -0.02 | 99.3 | 3.00 | 1.0 | -0.1 | 1.3 | 0.7 | 1.0 | 102.1 | 101.3 | 100.6 |
| 2010 | 162 | 1801 | 267 | 9.5 | 6.6 | 0.00 | -0.02 | 99.9 | 2.97 | 2.4 | 1.1 | 1.7 | 2.0 | 1.3 | 102.3 | 100.8 | 100.8 |

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.