

Provincial genetic trends by birth year for Ayrshire cows
Lactanet Canada, August 2020

Prince Edward Island

| Year | Cows | LPI | Milk | Fat | Protein | Fat% | Protein% | Pers | SCS | Conf | DS | F&L | MS | Rump | HL | DF | DCA |
|------|------|------|------|-------|---------|-------|----------|------|------|------|------|------|------|------|-------|-------|-------|
| 2007 | 67 | 1837 | -523 | -20.9 | -17.4 | 0.01 | 0.01 | 99.7 | 98.1 | -1.2 | -0.9 | -2.3 | -0.8 | 0.4 | 98.8 | 101.2 | 99.7 |
| 2008 | 43 | 1827 | -547 | -23.1 | -16.2 | -0.01 | 0.03 | 99.2 | 97.2 | -0.2 | 0.4 | -1.8 | 0.0 | 2.0 | 98.1 | 100.2 | 98.9 |
| 2009 | 46 | 1868 | -448 | -19.6 | -13.5 | -0.01 | 0.03 | 99.3 | 98.1 | -0.1 | 0.5 | -1.5 | 0.0 | 1.1 | 98.6 | 100.0 | 99.3 |
| 2010 | 54 | 1900 | -451 | -19.6 | -15.7 | -0.01 | -0.00 | 99.7 | 97.4 | 0.7 | 0.9 | -0.5 | 0.5 | 1.9 | 99.1 | 101.0 | 100.3 |
| 2011 | 58 | 2056 | -215 | -7.8 | -6.9 | 0.01 | 0.01 | 99.9 | 98.3 | 1.7 | 1.6 | 0.1 | 1.6 | 2.5 | 100.0 | 100.9 | 99.8 |
| 2012 | 60 | 1980 | -308 | -12.9 | -11.2 | -0.00 | -0.01 | 99.2 | 97.5 | 1.7 | 2.1 | 0.1 | 1.4 | 2.6 | 99.1 | 100.7 | 100.1 |
| 2013 | 52 | 2109 | -95 | -5.7 | -3.4 | -0.02 | 0.00 | 98.9 | 98.0 | 2.8 | 2.4 | 0.6 | 2.8 | 2.9 | 100.0 | 100.7 | 100.1 |
| 2014 | 29 | 2136 | -87 | 0.1 | -3.3 | 0.05 | -0.00 | 99.7 | 99.1 | 2.7 | 2.9 | 0.9 | 2.4 | 3.8 | 100.0 | 100.0 | 98.9 |
| 2015 | 36 | 2156 | -59 | -0.6 | -1.5 | 0.03 | 0.01 | 99.8 | 99.6 | 3.3 | 3.0 | 1.9 | 2.9 | 3.2 | 100.8 | 98.7 | 99.8 |
| 2016 | 55 | 2228 | -29 | -1.7 | -1.0 | -0.00 | 0.00 | 99.3 | 99.4 | 5.3 | 4.2 | 3.4 | 4.9 | 3.7 | 101.7 | 99.5 | 100.2 |
| 2017 | 30 | 2329 | 36 | 7.3 | 4.9 | 0.08 | 0.05 | 98.9 | 99.9 | 5.5 | 4.1 | 4.1 | 5.1 | 3.8 | 102.4 | 99.8 | 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.

Provincial genetic trends by birth year for Ayrshire cows
Lactanet Canada, August 2020

Nova Scotia

| Year | Cows | LPI | Milk | Fat | Protein | Fat% | Protein% | Pers | SCS | Conf | DS | F&L | MS | Rump | HL | DF | DCA |
|------|------|------|------|-------|---------|-------|----------|-------|-------|------|------|------|------|------|-------|-------|-------|
| 2007 | 75 | 1734 | -655 | -31.6 | -22.6 | -0.06 | -0.00 | 101.1 | 96.7 | -2.5 | -2.8 | -2.4 | -2.3 | -0.3 | 99.0 | 101.3 | 100.5 |
| 2008 | 49 | 1821 | -631 | -26.0 | -21.6 | -0.00 | -0.00 | 101.3 | 97.4 | -0.9 | -1.1 | -0.6 | -1.3 | 1.2 | 99.4 | 101.4 | 100.2 |
| 2009 | 56 | 1819 | -498 | -24.7 | -17.9 | -0.06 | -0.01 | 101.3 | 98.2 | -1.0 | 0.1 | -1.6 | -1.4 | 0.4 | 98.8 | 101.0 | 99.9 |
| 2010 | 58 | 1899 | -434 | -18.2 | -15.5 | -0.00 | -0.01 | 102.4 | 98.8 | -0.3 | -0.5 | -0.3 | -0.6 | 1.1 | 99.4 | 100.0 | 99.4 |
| 2011 | 64 | 1910 | -480 | -17.6 | -16.8 | 0.03 | -0.00 | 101.9 | 98.8 | -0.8 | -0.6 | -1.2 | -0.5 | 0.7 | 99.6 | 102.1 | 100.8 |
| 2012 | 46 | 1981 | -364 | -16.4 | -14.2 | -0.02 | -0.02 | 102.2 | 98.6 | 0.5 | 0.5 | 0.0 | 0.6 | -0.2 | 100.5 | 101.5 | 101.4 |
| 2013 | 45 | 1944 | -358 | -19.2 | -12.0 | -0.06 | 0.00 | 99.4 | 98.0 | 1.0 | 1.4 | 0.4 | 0.3 | 1.7 | 99.9 | 101.2 | 100.4 |
| 2014 | 31 | 2113 | -239 | -7.2 | -4.9 | 0.03 | 0.04 | 102.0 | 100.2 | 2.1 | 1.5 | 1.3 | 2.0 | 1.7 | 101.1 | 100.3 | 100.2 |
| 2015 | 42 | 2131 | -163 | -4.2 | -3.1 | 0.03 | 0.03 | 99.9 | 100.2 | 2.0 | 1.3 | 1.3 | 2.3 | 2.0 | 101.4 | 99.8 | 100.2 |
| 2016 | 29 | 2231 | -48 | 2.6 | -1.9 | 0.06 | -0.00 | 101.7 | 100.9 | 3.1 | 1.9 | 2.1 | 3.3 | 1.4 | 102.2 | 100.4 | 101.8 |
| 2017 | 14 | 2154 | 37 | -5.0 | -1.6 | -0.08 | -0.04 | 101.7 | 100.8 | 3.4 | 2.8 | 2.5 | 2.9 | 3.3 | 101.4 | 98.7 | 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 Ayrshire cows
Lactanet Canada, August 2020

New Brunswick

| Year | Cows | LPI | Milk | Fat | Protein | Fat% | Protein% | Pers | SCS | Conf | DS | F&L | MS | Rump | HL | DF | DCA |
|------|------|------|------|-------|---------|-------|----------|-------|-------|------|------|------|------|------|-------|-------|-------|
| 2007 | 146 | 1776 | -588 | -24.0 | -19.7 | 0.00 | 0.01 | 102.4 | 98.3 | -3.7 | -3.3 | -3.5 | -3.2 | -1.3 | 98.7 | 101.8 | 99.8 |
| 2008 | 132 | 1827 | -520 | -18.8 | -16.3 | 0.04 | 0.02 | 101.6 | 99.3 | -3.2 | -2.3 | -3.1 | -3.1 | -0.9 | 98.5 | 101.9 | 99.8 |
| 2009 | 151 | 1891 | -299 | -13.8 | -10.0 | -0.02 | 0.00 | 101.9 | 99.6 | -2.7 | -2.1 | -2.2 | -2.6 | -1.6 | 99.0 | 100.9 | 99.6 |
| 2010 | 127 | 1952 | -328 | -11.8 | -9.3 | 0.03 | 0.03 | 101.7 | 99.5 | -1.9 | -1.4 | -1.5 | -1.8 | -1.0 | 99.6 | 101.1 | 100.3 |
| 2011 | 144 | 1957 | -330 | -14.1 | -10.7 | -0.00 | 0.01 | 101.6 | 99.8 | -0.5 | -0.5 | -0.0 | -1.0 | -0.1 | 100.2 | 100.2 | 99.8 |
| 2012 | 139 | 2035 | -207 | -7.7 | -6.5 | 0.01 | 0.01 | 102.2 | 99.9 | 0.4 | 0.8 | -0.0 | 0.1 | 1.2 | 99.8 | 100.5 | 99.5 |
| 2013 | 139 | 2082 | -138 | -3.6 | -4.8 | 0.03 | 0.00 | 101.4 | 99.6 | 1.1 | 1.2 | 0.6 | 0.6 | 1.2 | 99.9 | 100.5 | 100.0 |
| 2014 | 131 | 2110 | -120 | -3.1 | -3.1 | 0.03 | 0.01 | 100.8 | 99.8 | 1.8 | 1.7 | 1.3 | 1.4 | 1.4 | 100.5 | 99.8 | 100.1 |
| 2015 | 129 | 2184 | -23 | -0.5 | -0.8 | 0.01 | 0.00 | 100.8 | 101.2 | 2.3 | 1.6 | 1.9 | 2.1 | 1.7 | 101.6 | 100.3 | 100.8 |
| 2016 | 122 | 2250 | 95 | 3.3 | 2.9 | -0.01 | -0.00 | 101.6 | 101.7 | 2.7 | 1.1 | 2.3 | 2.6 | 1.3 | 102.4 | 99.6 | 101.0 |
| 2017 | 65 | 2271 | 131 | 4.5 | 5.2 | -0.01 | 0.01 | 100.6 | 101.0 | 3.7 | 2.7 | 3.0 | 3.2 | 2.1 | 101.9 | 99.6 | 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 Ayrshire cows
Lactanet Canada, August 2020

Quebec

| Year | Cows | LPI | Milk | Fat | Protein | Fat% | Protein% | Pers | SCS | Conf | DS | F&L | MS | Rump | HL | DF | DCA |
|------|------|------|------|-------|---------|-------|----------|-------|-------|------|------|------|------|------|-------|-------|-------|
| 2007 | 3101 | 1864 | -353 | -16.4 | -12.2 | -0.02 | -0.00 | 99.9 | 98.7 | -2.6 | -1.7 | -2.6 | -2.5 | -1.2 | 98.7 | 101.2 | 100.0 |
| 2008 | 3156 | 1927 | -234 | -12.2 | -8.6 | -0.03 | -0.01 | 99.9 | 99.5 | -1.8 | -1.1 | -1.5 | -1.9 | -1.2 | 99.2 | 100.7 | 100.3 |
| 2009 | 3246 | 1974 | -176 | -10.3 | -6.4 | -0.04 | -0.00 | 99.6 | 99.6 | -1.4 | -1.1 | -0.8 | -1.6 | -1.1 | 99.9 | 100.7 | 100.4 |
| 2010 | 3234 | 2057 | -96 | -5.2 | -3.9 | -0.01 | -0.01 | 99.9 | 100.1 | -0.6 | -0.7 | -0.2 | -0.7 | -0.6 | 100.6 | 100.8 | 100.8 |
| 2011 | 3106 | 2085 | -90 | -4.2 | -3.6 | -0.00 | -0.01 | 99.4 | 99.9 | 0.3 | 0.0 | 0.6 | -0.1 | 0.1 | 101.0 | 100.6 | 101.0 |
| 2012 | 3003 | 2130 | 13 | 1.1 | 0.1 | 0.01 | -0.00 | 99.8 | 100.2 | 0.5 | 0.9 | 0.3 | 0.2 | 0.6 | 100.3 | 100.6 | 100.5 |
| 2013 | 2756 | 2179 | 42 | 3.4 | 2.0 | 0.02 | 0.01 | 99.9 | 100.1 | 1.3 | 1.2 | 1.0 | 0.9 | 1.3 | 100.8 | 100.5 | 100.6 |
| 2014 | 2643 | 2223 | 120 | 4.3 | 4.1 | -0.01 | 0.00 | 99.8 | 100.9 | 2.3 | 1.4 | 1.9 | 2.0 | 1.2 | 101.5 | 99.8 | 100.8 |
| 2015 | 2461 | 2291 | 207 | 8.5 | 7.9 | 0.00 | 0.01 | 100.0 | 101.2 | 2.9 | 1.7 | 2.2 | 2.7 | 1.7 | 102.2 | 99.4 | 101.3 |
| 2016 | 2239 | 2334 | 226 | 11.4 | 9.7 | 0.03 | 0.03 | 100.1 | 101.5 | 3.3 | 2.0 | 3.3 | 2.9 | 1.6 | 102.6 | 99.2 | 101.8 |
| 2017 | 1573 | 2409 | 410 | 17.8 | 15.4 | 0.01 | 0.02 | 100.5 | 101.4 | 3.9 | 3.0 | 3.3 | 3.4 | 1.7 | 102.2 | 99.4 | 101.5 |

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.

Provincial genetic trends by birth year for Ayrshire cows
Lactanet Canada, August 2020

Ontario

| Year | Cows | LPI | Milk | Fat | Protein | Fat% | Protein% | Pers | SCS | Conf | DS | F&L | MS | Rump | HL | DF | DCA |
|------|------|------|------|-------|---------|-------|----------|-------|-------|------|------|------|------|------|-------|-------|-------|
| 2007 | 534 | 1800 | -371 | -20.3 | -14.2 | -0.07 | -0.02 | 99.8 | 98.0 | -3.2 | -2.3 | -2.8 | -3.1 | -1.1 | 98.4 | 101.1 | 100.2 |
| 2008 | 561 | 1861 | -285 | -16.4 | -10.9 | -0.06 | -0.01 | 100.0 | 98.7 | -2.3 | -1.7 | -1.7 | -2.5 | -1.1 | 98.9 | 100.5 | 100.6 |
| 2009 | 579 | 1892 | -291 | -15.8 | -10.8 | -0.05 | -0.01 | 100.3 | 99.3 | -2.3 | -1.8 | -1.7 | -2.2 | -1.1 | 99.5 | 100.9 | 100.5 |
| 2010 | 492 | 1962 | -200 | -11.8 | -6.7 | -0.05 | 0.00 | 100.0 | 99.4 | -1.6 | -1.5 | -1.1 | -1.6 | -0.8 | 99.9 | 100.6 | 101.0 |
| 2011 | 447 | 2007 | -173 | -9.7 | -6.4 | -0.03 | -0.01 | 100.1 | 99.8 | -0.8 | -0.7 | -0.4 | -1.0 | -0.4 | 100.3 | 100.8 | 101.2 |
| 2012 | 473 | 2068 | -59 | -5.6 | -2.6 | -0.04 | -0.01 | 100.0 | 99.6 | -0.1 | 0.2 | 0.1 | -0.4 | 0.1 | 100.3 | 100.9 | 101.1 |
| 2013 | 423 | 2092 | -52 | -5.4 | -1.7 | -0.04 | 0.00 | 100.1 | 99.4 | 0.6 | 0.5 | 0.5 | 0.2 | 0.8 | 100.5 | 100.7 | 101.1 |
| 2014 | 407 | 2127 | 14 | -2.9 | 0.0 | -0.04 | -0.01 | 99.9 | 100.0 | 1.3 | 1.2 | 0.9 | 1.0 | 1.1 | 100.6 | 100.3 | 101.0 |
| 2015 | 425 | 2203 | 85 | 1.2 | 3.4 | -0.03 | 0.01 | 99.7 | 100.4 | 2.1 | 1.5 | 1.6 | 2.0 | 1.3 | 101.4 | 99.9 | 101.2 |
| 2016 | 368 | 2271 | 141 | 5.1 | 6.5 | -0.01 | 0.02 | 100.8 | 100.9 | 2.9 | 1.8 | 2.7 | 2.7 | 1.3 | 102.0 | 99.3 | 101.7 |
| 2017 | 303 | 2313 | 175 | 8.1 | 7.6 | 0.01 | 0.02 | 101.1 | 101.1 | 3.1 | 2.1 | 2.6 | 2.9 | 1.3 | 102.2 | 99.7 | 101.4 |

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.

Provincial genetic trends by birth year for Ayrshire cows
Lactanet Canada, August 2020

Manitoba

| Year | Cows | LPI | Milk | Fat | Protein | Fat% | Protein% | Pers | SCS | Conf | DS | F&L | MS | Rump | HL | DF | DCA |
|------|------|------|------|-------|---------|-------|----------|-------|-------|------|------|------|------|------|-------|-------|-------|
| 2007 | 23 | 1851 | -369 | -16.7 | -13.2 | -0.02 | -0.01 | 102.2 | 98.6 | -2.9 | -1.7 | -3.6 | -2.6 | -0.3 | 98.0 | 101.4 | 100.7 |
| 2008 | 27 | 1882 | -342 | -16.3 | -12.6 | -0.03 | -0.01 | 101.0 | 99.0 | -1.8 | -1.6 | -1.7 | -1.9 | -0.1 | 99.1 | 100.5 | 100.5 |
| 2009 | 27 | 1950 | -178 | -9.6 | -5.7 | -0.03 | 0.00 | 99.9 | 100.3 | -2.5 | -2.3 | -1.5 | -2.5 | -2.9 | 99.7 | 100.5 | 100.9 |
| 2010 | 23 | 2015 | -136 | -7.6 | -5.3 | -0.02 | -0.01 | 100.5 | 100.3 | -1.0 | -1.8 | -0.5 | -0.7 | -1.0 | 100.3 | 100.1 | 100.6 |
| 2011 | 24 | 2146 | 119 | 2.5 | 2.0 | -0.03 | -0.03 | 101.5 | 100.7 | -1.3 | -1.7 | -1.3 | -0.9 | -1.4 | 101.0 | 101.3 | 102.0 |
| 2012 | 26 | 2090 | -145 | -9.3 | -8.3 | -0.04 | -0.04 | 100.1 | 100.3 | 1.9 | 1.3 | 1.2 | 1.7 | 1.0 | 101.6 | 100.9 | 101.6 |
| 2013 | 19 | 2078 | -203 | -9.4 | -5.8 | -0.02 | 0.01 | 100.1 | 100.2 | 0.1 | -0.8 | -0.3 | 0.5 | -0.2 | 101.2 | 102.0 | 102.6 |
| 2014 | 29 | 2124 | -19 | -3.1 | -1.5 | -0.03 | -0.01 | 99.7 | 100.2 | 1.6 | 0.4 | 1.3 | 1.8 | 1.0 | 101.0 | 99.6 | 100.9 |
| 2015 | 26 | 2267 | 102 | 6.5 | 3.7 | 0.03 | 0.00 | 101.0 | 101.2 | 1.8 | 0.2 | 1.5 | 1.7 | 1.6 | 102.6 | 100.6 | 101.4 |
| 2016 | 26 | 2247 | 124 | -0.4 | 3.7 | -0.07 | -0.01 | 98.8 | 100.7 | 3.7 | 2.5 | 2.9 | 3.5 | 2.2 | 102.5 | 99.9 | 101.4 |
| 2017 | 21 | 2292 | 57 | 3.6 | 3.9 | 0.02 | 0.03 | 101.0 | 103.1 | 3.3 | 1.7 | 3.2 | 3.0 | 1.9 | 103.1 | 100.3 | 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 Ayrshire cows
Lactanet Canada, August 2020

Saskatchewan

| Year | Cows | LPI | Milk | Fat | Protein | Fat% | Protein% | Pers | SCS | Conf | DS | F&L | MS | Rump | HL | DF | DCA |
|------|------|------|-------|-------|---------|-------|----------|-------|-------|------|------|------|------|------|-------|-------|------|
| 2007 | 3 | 1451 | -1033 | -48.0 | -38.0 | -0.08 | -0.04 | 104.0 | 97.7 | -5.0 | -2.0 | -5.0 | -5.7 | -1.0 | 96.3 | 101.0 | 96.5 |
| 2008 | 7 | 1640 | -770 | -37.6 | -28.3 | -0.08 | -0.03 | 102.6 | 97.4 | -5.4 | -5.9 | -2.4 | -6.1 | -3.0 | 97.9 | 104.0 | 97.7 |
| 2009 | 6 | 1687 | -931 | -39.3 | -33.0 | -0.02 | -0.02 | 99.7 | 96.7 | -3.5 | -4.5 | -1.8 | -2.5 | -0.5 | 99.5 | 103.3 | 98.7 |
| 2011 | 1 | 2300 | -424 | -1.0 | -2.0 | 0.21 | 0.17 | 105.0 | 107.0 | 3.0 | -1.0 | 3.0 | 4.0 | 0.0 | 106.0 | 99.0 | 98.0 |
| 2012 | 2 | 1678 | -725 | -29.0 | -26.0 | 0.01 | -0.02 | 102.5 | 97.0 | -3.5 | -3.5 | -3.0 | -3.5 | 1.5 | 98.5 | . | . |
| 2015 | 3 | 1865 | -469 | -11.0 | -16.7 | 0.11 | -0.01 | 101.3 | 98.0 | -1.3 | 0.7 | -1.0 | -1.7 | 1.7 | 98.7 | 99.0 | 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.

Provincial genetic trends by birth year for Ayrshire cows
Lactanet Canada, August 2020

Alberta

| Year | Cows | LPI | Milk | Fat | Protein | Fat% | Protein% | Pers | SCS | Conf | DS | F&L | MS | Rump | HL | DF | DCA |
|------|------|------|------|-------|---------|-------|----------|-------|-------|------|------|------|------|------|-------|-------|-------|
| 2007 | 43 | 1630 | -617 | -32.6 | -24.1 | -0.10 | -0.04 | 100.6 | 97.2 | -4.2 | -3.4 | -3.8 | -3.9 | -1.5 | 97.4 | 101.7 | 100.0 |
| 2008 | 36 | 1580 | -750 | -40.0 | -28.7 | -0.13 | -0.04 | 102.4 | 98.5 | -4.2 | -3.5 | -3.3 | -3.9 | -2.3 | 98.0 | 100.3 | 99.0 |
| 2009 | 32 | 1853 | -380 | -16.7 | -13.2 | -0.02 | -0.00 | 101.6 | 98.9 | -2.6 | -1.9 | -2.1 | -2.6 | -1.1 | 98.9 | 101.1 | 100.8 |
| 2010 | 36 | 1903 | -337 | -17.0 | -10.6 | -0.04 | 0.01 | 100.6 | 99.1 | -2.0 | -2.1 | -1.1 | -2.2 | -1.0 | 99.6 | 101.4 | 100.2 |
| 2011 | 39 | 1747 | -559 | -30.5 | -22.8 | -0.10 | -0.05 | 102.0 | 98.6 | -2.0 | -2.4 | -1.5 | -1.9 | -0.7 | 99.6 | 100.2 | 99.8 |
| 2012 | 25 | 1918 | -405 | -16.7 | -13.3 | -0.01 | 0.01 | 101.0 | 100.4 | -1.5 | -1.5 | -1.4 | -1.3 | -0.9 | 100.3 | 101.1 | 100.5 |
| 2013 | 28 | 2041 | -194 | -7.3 | -5.7 | 0.01 | 0.01 | 101.6 | 99.3 | -0.8 | -0.6 | 0.3 | -1.2 | -0.9 | 100.3 | 101.9 | 100.9 |
| 2014 | 19 | 2151 | -90 | 0.9 | -1.2 | 0.06 | 0.03 | 101.6 | 100.9 | 0.1 | -0.6 | -0.6 | 0.1 | 0.5 | 100.5 | 101.4 | 100.3 |
| 2015 | 19 | 2273 | 178 | 11.2 | 7.3 | 0.05 | 0.02 | 99.7 | 102.1 | 1.6 | 0.8 | 0.5 | 1.8 | 1.5 | 102.1 | 99.9 | 102.5 |
| 2016 | 20 | 2313 | 394 | 11.4 | 10.9 | -0.06 | -0.03 | 101.9 | 101.4 | 2.8 | 1.2 | 3.6 | 2.1 | -0.1 | 102.1 | 99.2 | 101.1 |
| 2017 | 14 | 2417 | 476 | 19.0 | 19.9 | -0.00 | 0.05 | 100.3 | 101.6 | 2.4 | 1.4 | 2.4 | 2.2 | -0.4 | 102.2 | 100.1 | 102.5 |

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.

Provincial genetic trends by birth year for Ayrshire cows
Lactanet Canada, August 2020

British Columbia

| Year | Cows | LPI | Milk | Fat | Protein | Fat% | Protein% | Pers | SCS | Conf | DS | F&L | MS | Rump | HL | DF | DCA |
|------|------|------|------|-------|---------|-------|----------|-------|-------|------|------|------|------|------|-------|-------|-------|
| 2007 | 68 | 1817 | -356 | -21.7 | -13.8 | -0.09 | -0.02 | 101.7 | 97.7 | -3.7 | -2.4 | -3.1 | -4.1 | -1.8 | 98.4 | 102.7 | 101.2 |
| 2008 | 70 | 1895 | -204 | -12.6 | -9.0 | -0.05 | -0.03 | 102.6 | 99.4 | -3.5 | -2.1 | -2.6 | -3.9 | -1.5 | 98.7 | 101.9 | 101.7 |
| 2009 | 93 | 1842 | -348 | -18.2 | -12.7 | -0.05 | -0.01 | 102.1 | 98.6 | -2.6 | -2.2 | -1.7 | -2.8 | -1.8 | 98.6 | 101.1 | 100.4 |
| 2010 | 73 | 1923 | -227 | -13.0 | -10.5 | -0.05 | -0.03 | 101.7 | 98.8 | -1.7 | -1.3 | -1.2 | -2.1 | -1.0 | 99.3 | 101.8 | 101.9 |
| 2011 | 81 | 1949 | -200 | -11.7 | -8.4 | -0.04 | -0.02 | 101.3 | 98.7 | -1.1 | -0.6 | -1.0 | -1.4 | 0.4 | 99.4 | 101.3 | 100.9 |
| 2012 | 106 | 1923 | -277 | -15.7 | -12.8 | -0.06 | -0.04 | 101.3 | 98.9 | -1.0 | -1.2 | -1.5 | -0.8 | -0.1 | 99.8 | 101.0 | 100.8 |
| 2013 | 84 | 2050 | -100 | -4.9 | -4.7 | -0.01 | -0.02 | 102.0 | 99.1 | -1.0 | -1.1 | -0.8 | -1.2 | 0.4 | 99.8 | 101.5 | 100.8 |
| 2014 | 111 | 2056 | -112 | -7.5 | -4.7 | -0.04 | -0.01 | 101.6 | 100.2 | -0.5 | -1.0 | -0.3 | -0.8 | 0.5 | 100.8 | 100.9 | 100.6 |
| 2015 | 114 | 2021 | -122 | -9.5 | -5.6 | -0.06 | -0.02 | 101.2 | 99.5 | 0.2 | -0.7 | -0.3 | 0.2 | 0.7 | 100.5 | 99.2 | 101.3 |
| 2016 | 90 | 2173 | 98 | 0.9 | 2.7 | -0.04 | -0.01 | 101.1 | 100.7 | 1.3 | 0.9 | 1.6 | 1.0 | 0.9 | 101.2 | 99.5 | 101.3 |
| 2017 | 50 | 2213 | 219 | 7.4 | 8.5 | -0.02 | 0.02 | 101.3 | 101.8 | 0.6 | 0.5 | 1.0 | 0.2 | 0.6 | 101.5 | 98.7 | 101.7 |

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 Ayrshire cows
Lactanet Canada, August 2020

Newfoundland

| Year | Cows | LPI | Milk | Fat | Protein | Fat% | Protein% | Pers | SCS | Conf | DS | F&L | MS | Rump | HL | DF | DCA |
|------|------|------|------|------|---------|------|----------|-------|-------|------|------|------|------|------|------|------|------|
| 2008 | 1 | 1789 | -213 | -8.0 | -7.0 | 0.01 | 0.00 | 103.0 | 101.0 | -3.0 | -1.0 | -2.0 | -4.0 | -2.0 | 96.0 | 96.0 | 96.0 |

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.