

National phenotypic trends by birth year for Ayrshire cows Lactanet Canada, August 2024

| Year | Number of Cows | | ME yields (kg) | | |
|------|----------------|---------|----------------|-------|---------|
| | Milk Fat | Protein | Milk | Fat | Protein |
| 1975 | 3457 | 506 | 6098 | 241.2 | 197.9 |
| 1976 | 3734 | 733 | 6202 | 246.1 | 202.9 |
| 1977 | 4324 | 918 | 6214 | 249.1 | 214.1 |
| 1978 | 5246 | 929 | 6159 | 246.5 | 208.6 |
| 1979 | 5802 | 1906 | 6210 | 246.7 | 218.2 |
| 1980 | 6193 | 2904 | 6335 | 250.7 | 217.9 |
| 1981 | 6485 | 4062 | 6372 | 251.9 | 217.2 |
| 1982 | 6719 | 5150 | 6516 | 255.1 | 219.7 |
| 1983 | 6876 | 6654 | 6669 | 259.8 | 227.1 |
| 1984 | 6792 | 6785 | 6811 | 266.7 | 232.4 |
| 1985 | 6724 | 6720 | 6949 | 272.1 | 238.7 |
| 1986 | 6634 | 6634 | 7035 | 276.8 | 241.2 |
| 1987 | 6663 | 6663 | 7001 | 275.3 | 239.3 |
| 1988 | 6748 | 6747 | 7035 | 274.3 | 238.3 |
| 1989 | 6132 | 6132 | 7308 | 285.9 | 245.8 |
| 1990 | 5976 | 5976 | 7259 | 286.3 | 243.6 |
| 1991 | 5796 | 5796 | 7248 | 286.7 | 244.0 |
| 1992 | 5473 | 5473 | 7370 | 289.6 | 246.5 |
| 1993 | 5103 | 5103 | 7560 | 299.0 | 254.7 |
| 1994 | 5091 | 5091 | 7610 | 301.7 | 256.5 |
| 1995 | 5023 | 5023 | 7805 | 305.7 | 260.3 |
| 1996 | 4395 | 4395 | 8176 | 320.1 | 272.8 |
| 1997 | 4167 | 4167 | 8423 | 331.9 | 282.4 |
| 1998 | 4279 | 4279 | 8535 | 338.0 | 287.9 |
| 1999 | 4089 | 4089 | 8650 | 338.5 | 289.7 |
| 2000 | 4053 | 4053 | 8590 | 336.6 | 287.6 |
| 2001 | 4391 | 4391 | 8602 | 336.8 | 287.2 |
| 2002 | 4398 | 4398 | 8662 | 339.9 | 289.8 |
| 2003 | 3965 | 3965 | 8699 | 341.6 | 290.7 |
| 2004 | 3918 | 3918 | 8629 | 339.9 | 290.0 |
| 2005 | 3808 | 3808 | 8769 | 350.1 | 296.7 |
| 2006 | 3776 | 3776 | 8673 | 348.5 | 291.9 |
| 2007 | 3569 | 3569 | 8821 | 355.4 | 297.2 |
| 2008 | 3593 | 3593 | 9022 | 362.3 | 303.9 |
| 2009 | 3825 | 3825 | 8951 | 360.6 | 301.5 |
| 2010 | 3677 | 3677 | 9009 | 365.3 | 303.2 |
| 2011 | 3476 | 3476 | 9007 | 369.1 | 303.7 |
| 2012 | 3464 | 3464 | 9082 | 374.0 | 306.0 |
| 2013 | 3222 | 3222 | 9111 | 376.1 | 308.1 |
| 2014 | 3182 | 3182 | 9305 | 382.7 | 315.2 |

Notes:

1. Based on lactation records qualifying for genetic evaluation.
2. Only using first lactation records for 2-yr-old animals.

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|------|----------------|---------|----------------|-------|---------|
| | Milk Fat | Protein | Milk | Fat | Protein |
| 2015 | 3206 | 3206 | 9300 | 383.4 | 317.5 |
| 2016 | 2924 | 2924 | 9345 | 386.3 | 321.7 |
| 2017 | 2660 | 2660 | 9491 | 390.0 | 326.4 |
| 2018 | 2633 | 2633 | 9723 | 398.7 | 335.8 |
| 2019 | 2289 | 2289 | 9705 | 401.2 | 335.0 |
| 2020 | 2192 | 2192 | 9669 | 399.1 | 332.5 |
| 2021 | 1970 | 1970 | 9764 | 411.8 | 340.5 |
| 2022 | 658 | 658 | 9978 | 423.3 | 349.5 |

Notes:

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2. Only using first lactation records for 2-yr-old animals.