

Provincial phenotypic trends by birth year for Jersey cows
Lactanet Canada, August 2020

Prince Edward Island

| Year | Number of Cows | | ME yields (kg) | | |
|------|----------------|---------|----------------|-------|---------|
| | Milk Fat | Protein | Milk | Fat | Protein |
| 1975 | 6 | 0 | 4375 | 203.8 | . |
| 1976 | 7 | 1 | 4640 | 236.0 | 157.0 |
| 1977 | 14 | 3 | 4020 | 200.5 | 133.0 |
| 1978 | 14 | 1 | 4195 | 214.4 | 165.0 |
| 1979 | 16 | 4 | 4395 | 224.3 | 178.3 |
| 1980 | 29 | 4 | 5301 | 268.7 | 229.0 |
| 1981 | 20 | 9 | 4993 | 250.2 | 189.6 |
| 1982 | 12 | 1 | 5151 | 256.7 | 156.0 |
| 1983 | 8 | 8 | 5110 | 256.8 | 198.5 |
| 1984 | 11 | 11 | 5778 | 280.2 | 208.3 |
| 1985 | 10 | 10 | 5114 | 258.7 | 192.5 |
| 1986 | 13 | 13 | 4655 | 225.8 | 173.9 |
| 1987 | 12 | 12 | 5626 | 273.4 | 211.0 |
| 1988 | 11 | 11 | 5648 | 286.6 | 217.4 |
| 1989 | 19 | 19 | 5747 | 288.1 | 220.4 |
| 1990 | 12 | 12 | 5293 | 267.5 | 203.9 |
| 1991 | 21 | 21 | 6196 | 316.9 | 240.6 |
| 1992 | 9 | 9 | 5534 | 299.2 | 218.1 |
| 1993 | 11 | 11 | 5500 | 287.9 | 214.6 |
| 1994 | 21 | 21 | 5126 | 258.0 | 199.0 |
| 1995 | 26 | 26 | 5534 | 265.8 | 210.4 |
| 1996 | 14 | 14 | 6718 | 334.4 | 257.0 |
| 1997 | 8 | 8 | 6848 | 349.5 | 259.4 |
| 1998 | 4 | 4 | 7283 | 340.5 | 260.8 |
| 1999 | 13 | 13 | 7357 | 360.2 | 273.1 |
| 2000 | 12 | 12 | 7109 | 357.6 | 272.0 |
| 2001 | 10 | 10 | 6909 | 333.0 | 249.6 |
| 2002 | 12 | 12 | 7358 | 365.1 | 264.4 |
| 2003 | 8 | 8 | 6855 | 333.6 | 242.8 |
| 2004 | 21 | 21 | 8381 | 387.1 | 304.9 |
| 2005 | 5 | 5 | 6954 | 343.8 | 256.0 |
| 2006 | 5 | 5 | 8039 | 381.4 | 303.4 |
| 2007 | 9 | 9 | 7742 | 412.6 | 289.4 |
| 2008 | 8 | 8 | 7787 | 358.6 | 278.5 |
| 2009 | 7 | 7 | 8646 | 431.4 | 311.0 |
| 2010 | 8 | 8 | 8222 | 400.4 | 303.5 |
| 2011 | 9 | 9 | 7630 | 380.6 | 277.7 |
| 2012 | 6 | 6 | 8910 | 448.8 | 316.7 |

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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Prince Edward Island

| Year | Number of Cows | | ME yields (kg) | | |
|------|----------------|---------|----------------|-------|---------|
| | Milk Fat | Protein | Milk | Fat | Protein |
| 2013 | 4 | 4 | 7674 | 368.3 | 283.0 |
| 2014 | 4 | 4 | 8823 | 458.5 | 317.3 |
| 2015 | 13 | 13 | 7381 | 377.2 | 281.9 |
| 2016 | 15 | 15 | 8114 | 398.3 | 302.2 |
| 2017 | 19 | 19 | 8074 | 425.5 | 314.5 |
| 2018 | 13 | 13 | 8817 | 404.7 | 326.7 |

Notes:

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

Provincial phenotypic trends by birth year for Jersey cows
Lactanet Canada, August 2020

Nova Scotia

| Year | Number of Cows | | ME yields (kg) | | |
|------|----------------|---------|----------------|-------|---------|
| | Milk Fat | Protein | Milk | Fat | Protein |
| 1975 | 25 | 0 | 4253 | 225.4 | . |
| 1976 | 33 | 0 | 4587 | 238.3 | . |
| 1977 | 26 | 0 | 4694 | 245.7 | . |
| 1978 | 55 | 0 | 4689 | 241.3 | . |
| 1979 | 60 | 0 | 4493 | 239.1 | . |
| 1980 | 58 | 1 | 5188 | 263.6 | 126.0 |
| 1981 | 55 | 16 | 5034 | 254.1 | 231.5 |
| 1982 | 52 | 24 | 5043 | 257.4 | 220.8 |
| 1983 | 60 | 60 | 4968 | 250.7 | 190.5 |
| 1984 | 57 | 57 | 4893 | 239.7 | 191.4 |
| 1985 | 50 | 50 | 5054 | 239.1 | 200.6 |
| 1986 | 62 | 62 | 5072 | 248.9 | 203.3 |
| 1987 | 57 | 57 | 5155 | 248.4 | 198.9 |
| 1988 | 60 | 60 | 5716 | 273.4 | 221.9 |
| 1989 | 86 | 86 | 5649 | 273.3 | 222.4 |
| 1990 | 85 | 85 | 5895 | 287.7 | 228.7 |
| 1991 | 90 | 90 | 5919 | 294.6 | 233.5 |
| 1992 | 74 | 74 | 6062 | 292.7 | 232.9 |
| 1993 | 62 | 62 | 6153 | 301.8 | 240.4 |
| 1994 | 64 | 64 | 6316 | 312.4 | 245.5 |
| 1995 | 67 | 67 | 6347 | 316.2 | 244.4 |
| 1996 | 41 | 41 | 6448 | 310.3 | 242.5 |
| 1997 | 28 | 28 | 6849 | 327.0 | 257.8 |
| 1998 | 28 | 28 | 7990 | 406.3 | 308.6 |
| 1999 | 20 | 20 | 7857 | 387.4 | 303.9 |
| 2000 | 22 | 22 | 8441 | 411.3 | 324.3 |
| 2001 | 23 | 23 | 8439 | 408.0 | 324.2 |
| 2002 | 27 | 27 | 8068 | 401.3 | 305.9 |
| 2003 | 25 | 25 | 7739 | 378.2 | 294.4 |
| 2004 | 25 | 25 | 7524 | 362.0 | 278.8 |
| 2005 | 35 | 35 | 7603 | 371.2 | 292.0 |
| 2006 | 29 | 29 | 7519 | 361.0 | 277.8 |
| 2007 | 35 | 35 | 8143 | 391.2 | 302.5 |
| 2008 | 48 | 48 | 8200 | 416.8 | 307.2 |
| 2009 | 41 | 41 | 7853 | 396.9 | 300.2 |
| 2010 | 43 | 43 | 8044 | 413.4 | 303.6 |
| 2011 | 48 | 48 | 8080 | 416.7 | 305.5 |
| 2012 | 44 | 44 | 8225 | 429.6 | 311.9 |

Notes:

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

Provincial phenotypic trends by birth year for Jersey cows
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Nova Scotia

| Year | Number of Cows | | ME yields (kg) | | |
|------|----------------|---------|----------------|-------|---------|
| | Milk Fat | Protein | Milk | Fat | Protein |
| 2013 | 72 | 72 | 7735 | 391.3 | 291.5 |
| 2014 | 72 | 72 | 7937 | 409.6 | 300.2 |
| 2015 | 75 | 75 | 7797 | 404.3 | 300.5 |
| 2016 | 64 | 64 | 7876 | 398.0 | 297.7 |
| 2017 | 87 | 87 | 7848 | 407.5 | 306.4 |
| 2018 | 36 | 36 | 8227 | 418.9 | 313.6 |

Notes:

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

Provincial phenotypic trends by birth year for Jersey cows
Lactanet Canada, August 2020

New Brunswick

| Year | Number of Cows | | ME yields (kg) | | |
|------|----------------|---------|----------------|-------|---------|
| | Milk Fat | Protein | Milk | Fat | Protein |
| 1975 | 76 | 7 | 4519 | 229.5 | 209.6 |
| 1976 | 83 | 23 | 4695 | 240.5 | 183.1 |
| 1977 | 97 | 19 | 4559 | 230.8 | 197.8 |
| 1978 | 110 | 9 | 4659 | 231.8 | 196.2 |
| 1979 | 116 | 44 | 4754 | 236.0 | 209.3 |
| 1980 | 118 | 70 | 5114 | 250.0 | 217.1 |
| 1981 | 132 | 88 | 5078 | 245.5 | 203.0 |
| 1982 | 149 | 124 | 4842 | 237.6 | 193.8 |
| 1983 | 145 | 144 | 4994 | 248.6 | 198.2 |
| 1984 | 125 | 125 | 5182 | 257.0 | 205.5 |
| 1985 | 129 | 129 | 5071 | 249.9 | 204.0 |
| 1986 | 118 | 118 | 5183 | 252.2 | 209.4 |
| 1987 | 128 | 128 | 5209 | 252.5 | 207.2 |
| 1988 | 161 | 161 | 5112 | 254.0 | 205.3 |
| 1989 | 131 | 131 | 5572 | 277.1 | 221.2 |
| 1990 | 106 | 106 | 5239 | 259.7 | 208.3 |
| 1991 | 140 | 140 | 5472 | 269.0 | 216.3 |
| 1992 | 99 | 99 | 5514 | 269.5 | 214.1 |
| 1993 | 120 | 120 | 5674 | 280.3 | 220.5 |
| 1994 | 152 | 152 | 5677 | 273.3 | 215.9 |
| 1995 | 119 | 119 | 6062 | 301.8 | 234.6 |
| 1996 | 89 | 89 | 6357 | 311.0 | 243.2 |
| 1997 | 78 | 78 | 6552 | 312.1 | 245.9 |
| 1998 | 67 | 67 | 7254 | 345.0 | 272.8 |
| 1999 | 73 | 73 | 7088 | 344.3 | 272.2 |
| 2000 | 63 | 63 | 7192 | 340.1 | 273.3 |
| 2001 | 67 | 67 | 7036 | 330.0 | 267.3 |
| 2002 | 58 | 58 | 7107 | 327.0 | 262.9 |
| 2003 | 73 | 73 | 7241 | 336.1 | 267.6 |
| 2004 | 44 | 44 | 7299 | 343.0 | 268.5 |
| 2005 | 53 | 53 | 7162 | 336.6 | 268.9 |
| 2006 | 41 | 41 | 6796 | 326.2 | 249.9 |
| 2007 | 54 | 54 | 7093 | 345.3 | 267.2 |
| 2008 | 94 | 94 | 6735 | 323.9 | 244.7 |
| 2009 | 103 | 103 | 6334 | 297.0 | 230.6 |
| 2010 | 87 | 87 | 6280 | 296.7 | 230.1 |
| 2011 | 99 | 99 | 5881 | 282.5 | 216.6 |
| 2012 | 101 | 101 | 6867 | 341.3 | 253.5 |

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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New Brunswick

| Year | Number of Cows | | ME yields (kg) | | |
|------|----------------|---------|----------------|-------|---------|
| | Milk Fat | Protein | Milk | Fat | Protein |
| 2013 | 80 | 80 | 7303 | 371.9 | 273.8 |
| 2014 | 81 | 81 | 8291 | 406.7 | 303.6 |
| 2015 | 105 | 105 | 8287 | 407.9 | 305.9 |
| 2016 | 116 | 116 | 8426 | 415.1 | 311.6 |
| 2017 | 108 | 108 | 8275 | 409.3 | 310.0 |
| 2018 | 38 | 38 | 8411 | 429.3 | 320.8 |

Notes:

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

Provincial phenotypic trends by birth year for Jersey cows
Lactanet Canada, August 2020

Quebec

| Year | Number of Cows | | ME yields (kg) | | |
|------|----------------|---------|----------------|-------|---------|
| | Milk Fat | Protein | Milk | Fat | Protein |
| 1975 | 370 | 40 | 4511 | 225.0 | 146.7 |
| 1976 | 343 | 43 | 4726 | 236.0 | 156.8 |
| 1977 | 448 | 65 | 4645 | 229.7 | 161.1 |
| 1978 | 485 | 66 | 4565 | 228.3 | 168.0 |
| 1979 | 529 | 122 | 4520 | 223.8 | 189.5 |
| 1980 | 515 | 226 | 4505 | 219.9 | 178.8 |
| 1981 | 513 | 363 | 4576 | 223.7 | 183.0 |
| 1982 | 481 | 382 | 4694 | 227.0 | 181.8 |
| 1983 | 477 | 453 | 4842 | 235.4 | 190.7 |
| 1984 | 461 | 461 | 4879 | 237.1 | 192.9 |
| 1985 | 456 | 456 | 5175 | 253.3 | 204.9 |
| 1986 | 413 | 413 | 5247 | 258.1 | 206.9 |
| 1987 | 421 | 421 | 5172 | 257.8 | 207.5 |
| 1988 | 432 | 432 | 5093 | 248.9 | 201.9 |
| 1989 | 444 | 444 | 5533 | 269.1 | 217.2 |
| 1990 | 421 | 421 | 5578 | 271.5 | 218.0 |
| 1991 | 380 | 380 | 5559 | 274.8 | 218.1 |
| 1992 | 384 | 384 | 5569 | 271.6 | 217.9 |
| 1993 | 362 | 362 | 5800 | 282.2 | 226.9 |
| 1994 | 365 | 365 | 5758 | 280.8 | 223.0 |
| 1995 | 358 | 358 | 5954 | 287.1 | 230.5 |
| 1996 | 263 | 263 | 6395 | 309.3 | 243.9 |
| 1997 | 258 | 258 | 6249 | 303.9 | 239.8 |
| 1998 | 312 | 312 | 6659 | 328.6 | 253.1 |
| 1999 | 378 | 378 | 6811 | 334.7 | 256.1 |
| 2000 | 362 | 362 | 6902 | 337.1 | 258.5 |
| 2001 | 485 | 485 | 6552 | 315.2 | 246.9 |
| 2002 | 571 | 571 | 6689 | 322.6 | 253.1 |
| 2003 | 723 | 723 | 6534 | 312.7 | 247.7 |
| 2004 | 750 | 750 | 7011 | 333.4 | 263.4 |
| 2005 | 805 | 805 | 7087 | 343.5 | 269.9 |
| 2006 | 921 | 921 | 6853 | 335.3 | 260.2 |
| 2007 | 1079 | 1079 | 7097 | 350.3 | 268.6 |
| 2008 | 1109 | 1109 | 7439 | 365.2 | 280.3 |
| 2009 | 1265 | 1265 | 7510 | 368.8 | 283.0 |
| 2010 | 1462 | 1462 | 7572 | 373.4 | 286.6 |
| 2011 | 1543 | 1543 | 7619 | 381.9 | 289.5 |
| 2012 | 1526 | 1526 | 7697 | 389.7 | 292.5 |

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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Quebec

| Year | Number of Cows | | ME yields (kg) | | |
|------|----------------|---------|----------------|-------|---------|
| | Milk Fat | Protein | Milk | Fat | Protein |
| 2013 | 1612 | 1612 | 7987 | 402.4 | 304.4 |
| 2014 | 1744 | 1744 | 8163 | 414.5 | 313.0 |
| 2015 | 1768 | 1768 | 8257 | 418.8 | 317.3 |
| 2016 | 1660 | 1660 | 8345 | 422.5 | 321.7 |
| 2017 | 1669 | 1669 | 8333 | 422.5 | 322.5 |
| 2018 | 869 | 869 | 8517 | 427.2 | 326.5 |

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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Ontario

| Year | Number of Cows | | ME yields (kg) | | |
|------|----------------|---------|----------------|-------|---------|
| | Milk Fat | Protein | Milk | Fat | Protein |
| 1975 | 1220 | 0 | 4763 | 243.1 | . |
| 1976 | 1249 | 0 | 4876 | 248.2 | . |
| 1977 | 1217 | 19 | 4791 | 247.0 | 198.8 |
| 1978 | 1396 | 47 | 4790 | 247.0 | 207.2 |
| 1979 | 1708 | 312 | 4866 | 248.8 | 205.5 |
| 1980 | 1825 | 816 | 4992 | 250.3 | 205.0 |
| 1981 | 2143 | 1108 | 5087 | 258.0 | 197.8 |
| 1982 | 2025 | 1266 | 5127 | 258.5 | 195.1 |
| 1983 | 2301 | 2147 | 5154 | 255.8 | 202.0 |
| 1984 | 2533 | 2533 | 5259 | 262.6 | 206.9 |
| 1985 | 2511 | 2511 | 5289 | 266.3 | 209.6 |
| 1986 | 2463 | 2463 | 5538 | 276.6 | 220.2 |
| 1987 | 2800 | 2800 | 5583 | 277.8 | 220.7 |
| 1988 | 2716 | 2716 | 5568 | 278.1 | 222.1 |
| 1989 | 2756 | 2756 | 5960 | 296.0 | 234.3 |
| 1990 | 2836 | 2836 | 6211 | 308.2 | 243.5 |
| 1991 | 3032 | 3032 | 6342 | 316.7 | 248.2 |
| 1992 | 2827 | 2827 | 6493 | 321.6 | 252.1 |
| 1993 | 2622 | 2622 | 6692 | 332.8 | 259.0 |
| 1994 | 2614 | 2614 | 6804 | 333.1 | 260.7 |
| 1995 | 2468 | 2468 | 7029 | 343.1 | 270.4 |
| 1996 | 2113 | 2113 | 7319 | 355.3 | 278.5 |
| 1997 | 1996 | 1996 | 7561 | 363.5 | 284.9 |
| 1998 | 1972 | 1972 | 7347 | 354.6 | 277.6 |
| 1999 | 2072 | 2072 | 7492 | 361.5 | 284.0 |
| 2000 | 2161 | 2161 | 7409 | 358.1 | 279.5 |
| 2001 | 2298 | 2298 | 7428 | 358.7 | 277.3 |
| 2002 | 2302 | 2302 | 7309 | 352.7 | 272.5 |
| 2003 | 2023 | 2023 | 7536 | 361.1 | 280.7 |
| 2004 | 2110 | 2110 | 7545 | 357.5 | 280.2 |
| 2005 | 1986 | 1986 | 7446 | 357.3 | 280.1 |
| 2006 | 1850 | 1850 | 7360 | 356.2 | 277.3 |
| 2007 | 2008 | 2008 | 7424 | 359.2 | 281.0 |
| 2008 | 2024 | 2024 | 7592 | 368.0 | 285.7 |
| 2009 | 2190 | 2190 | 7586 | 368.2 | 285.7 |
| 2010 | 2161 | 2161 | 7655 | 372.6 | 286.6 |
| 2011 | 2210 | 2210 | 7766 | 384.0 | 290.9 |
| 2012 | 2300 | 2300 | 7779 | 385.7 | 291.9 |

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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Ontario

| Year | Number of Cows | | ME yields (kg) | | |
|------|----------------|---------|----------------|-------|---------|
| | Milk Fat | Protein | Milk | Fat | Protein |
| 2013 | 2297 | 2297 | 8115 | 400.1 | 306.1 |
| 2014 | 2168 | 2168 | 8347 | 415.3 | 314.7 |
| 2015 | 2291 | 2291 | 8464 | 426.0 | 320.4 |
| 2016 | 2315 | 2315 | 8316 | 419.0 | 317.3 |
| 2017 | 2266 | 2266 | 8545 | 430.9 | 326.5 |
| 2018 | 1078 | 1078 | 8914 | 446.9 | 337.2 |

Notes:

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

Provincial phenotypic trends by birth year for Jersey cows
Lactanet Canada, August 2020

Manitoba

| Year | Number of Cows | | ME yields (kg) | | |
|------|----------------|---------|----------------|-------|---------|
| | Milk Fat | Protein | Milk | Fat | Protein |
| 1975 | 68 | 0 | 4255 | 209.5 | . |
| 1976 | 67 | 0 | 4186 | 204.5 | . |
| 1977 | 69 | 0 | 4514 | 226.8 | . |
| 1978 | 70 | 2 | 4402 | 218.5 | 184.5 |
| 1979 | 69 | 1 | 4186 | 209.2 | 178.0 |
| 1980 | 50 | 0 | 4633 | 228.6 | . |
| 1981 | 59 | 2 | 4311 | 220.7 | 207.0 |
| 1982 | 66 | 26 | 4210 | 206.9 | 169.3 |
| 1983 | 52 | 48 | 4510 | 221.6 | 177.3 |
| 1984 | 55 | 55 | 4357 | 212.9 | 168.1 |
| 1985 | 41 | 41 | 4909 | 222.6 | 184.9 |
| 1986 | 49 | 49 | 5054 | 241.7 | 198.7 |
| 1987 | 68 | 68 | 5236 | 250.0 | 205.2 |
| 1988 | 86 | 86 | 5494 | 256.5 | 212.7 |
| 1989 | 97 | 97 | 5906 | 279.8 | 230.4 |
| 1990 | 82 | 82 | 6641 | 308.6 | 255.0 |
| 1991 | 77 | 77 | 6519 | 305.9 | 250.1 |
| 1992 | 89 | 89 | 6796 | 318.0 | 262.5 |
| 1993 | 98 | 98 | 6818 | 324.6 | 263.3 |
| 1994 | 113 | 113 | 6887 | 320.2 | 264.6 |
| 1995 | 120 | 120 | 7017 | 319.0 | 266.7 |
| 1996 | 113 | 113 | 6610 | 304.8 | 252.9 |
| 1997 | 107 | 107 | 7581 | 349.3 | 287.6 |
| 1998 | 87 | 87 | 8138 | 366.2 | 303.3 |
| 1999 | 58 | 58 | 7647 | 345.6 | 291.6 |
| 2000 | 59 | 59 | 7948 | 345.2 | 294.1 |
| 2001 | 74 | 74 | 7452 | 339.3 | 281.4 |
| 2002 | 111 | 111 | 7112 | 327.0 | 270.3 |
| 2003 | 129 | 129 | 6904 | 316.1 | 265.0 |
| 2004 | 109 | 109 | 7103 | 324.7 | 265.6 |
| 2005 | 89 | 89 | 7611 | 353.1 | 287.6 |
| 2006 | 85 | 85 | 7588 | 355.4 | 285.6 |
| 2007 | 78 | 78 | 7629 | 347.2 | 281.4 |
| 2008 | 84 | 84 | 7513 | 347.6 | 280.8 |
| 2009 | 84 | 84 | 7513 | 354.1 | 280.4 |
| 2010 | 83 | 83 | 7835 | 372.2 | 292.4 |
| 2011 | 73 | 73 | 7210 | 339.7 | 269.9 |
| 2012 | 68 | 68 | 7658 | 360.6 | 286.0 |

Notes:

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

Provincial phenotypic trends by birth year for Jersey cows
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Manitoba

| Year | Number of Cows | | ME yields (kg) | | |
|------|----------------|---------|----------------|-------|---------|
| | Milk Fat | Protein | Milk | Fat | Protein |
| 2013 | 82 | 82 | 8052 | 377.9 | 303.7 |
| 2014 | 72 | 72 | 8482 | 398.4 | 314.7 |
| 2015 | 54 | 54 | 8274 | 402.4 | 314.6 |
| 2016 | 130 | 130 | 8188 | 408.5 | 321.1 |
| 2017 | 69 | 69 | 8293 | 412.0 | 326.2 |
| 2018 | 41 | 41 | 8671 | 449.1 | 339.5 |

Notes:

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

Provincial phenotypic trends by birth year for Jersey cows
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Saskatchewan

| Year | Number of Cows | | ME yields (kg) | | |
|------|----------------|---------|----------------|-------|---------|
| | Milk Fat | Protein | Milk | Fat | Protein |
| 1977 | 1 | 0 | 4410 | 194.0 | . |
| 1979 | 1 | 0 | 5740 | 221.0 | . |
| 1983 | 1 | 1 | 3360 | 176.0 | 133.0 |
| 1985 | 5 | 5 | 6361 | 287.4 | 228.4 |
| 1986 | 22 | 22 | 5800 | 271.2 | 222.8 |
| 1987 | 33 | 33 | 6162 | 277.0 | 241.1 |
| 1988 | 36 | 36 | 5996 | 277.2 | 226.1 |
| 1989 | 30 | 30 | 6397 | 297.9 | 237.3 |
| 1990 | 46 | 46 | 6724 | 317.0 | 249.0 |
| 1991 | 53 | 53 | 6577 | 311.9 | 248.6 |
| 1992 | 53 | 53 | 6737 | 312.5 | 253.2 |
| 1993 | 46 | 46 | 6607 | 313.5 | 246.4 |
| 1994 | 53 | 53 | 6603 | 308.1 | 247.7 |
| 1995 | 31 | 31 | 7124 | 347.1 | 274.0 |
| 1996 | 26 | 26 | 7450 | 345.0 | 274.4 |
| 1997 | 48 | 48 | 7662 | 339.5 | 277.1 |
| 1998 | 25 | 25 | 7526 | 353.4 | 281.0 |
| 1999 | 30 | 30 | 7229 | 332.0 | 274.8 |
| 2000 | 45 | 45 | 7374 | 347.9 | 286.6 |
| 2001 | 50 | 50 | 7037 | 331.4 | 276.4 |
| 2002 | 39 | 39 | 7830 | 382.0 | 303.3 |
| 2003 | 78 | 78 | 7067 | 337.9 | 274.8 |
| 2004 | 57 | 57 | 7828 | 371.0 | 298.8 |
| 2005 | 48 | 48 | 6958 | 334.2 | 258.5 |
| 2006 | 26 | 26 | 6641 | 319.6 | 254.1 |
| 2007 | 25 | 25 | 7421 | 346.6 | 280.2 |
| 2008 | 43 | 43 | 7721 | 365.1 | 291.6 |
| 2009 | 23 | 23 | 7419 | 352.2 | 284.9 |
| 2010 | 24 | 24 | 7435 | 360.3 | 282.1 |
| 2011 | 20 | 20 | 7820 | 378.4 | 293.0 |
| 2012 | 19 | 19 | 7558 | 375.9 | 287.6 |
| 2013 | 13 | 13 | 7595 | 390.5 | 282.5 |
| 2014 | 16 | 16 | 7684 | 393.0 | 296.3 |
| 2015 | 22 | 22 | 8240 | 430.0 | 306.5 |
| 2016 | 23 | 23 | 9107 | 472.7 | 343.7 |
| 2017 | 57 | 57 | 9518 | 486.3 | 359.8 |
| 2018 | 16 | 16 | 8695 | 412.5 | 331.9 |

Notes:

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

Provincial phenotypic trends by birth year for Jersey cows
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Alberta

| Year | Number of Cows | | ME yields (kg) | | |
|------|----------------|---------|----------------|-------|---------|
| | Milk Fat | Protein | Milk | Fat | Protein |
| 1975 | 49 | 0 | 5354 | 269.3 | . |
| 1976 | 86 | 0 | 5327 | 276.8 | . |
| 1977 | 85 | 0 | 5168 | 266.1 | . |
| 1978 | 127 | 0 | 5382 | 279.5 | . |
| 1979 | 123 | 5 | 5312 | 264.2 | 241.8 |
| 1980 | 136 | 7 | 5455 | 269.7 | 101.0 |
| 1981 | 141 | 46 | 5488 | 265.4 | 219.2 |
| 1982 | 155 | 107 | 5313 | 262.3 | 213.0 |
| 1983 | 172 | 114 | 5808 | 283.2 | 236.2 |
| 1984 | 215 | 187 | 5786 | 280.0 | 236.8 |
| 1985 | 242 | 227 | 5758 | 280.6 | 237.0 |
| 1986 | 208 | 208 | 5871 | 284.6 | 234.8 |
| 1987 | 259 | 259 | 5795 | 279.8 | 230.4 |
| 1988 | 268 | 268 | 5992 | 290.4 | 236.5 |
| 1989 | 228 | 228 | 6526 | 311.5 | 254.9 |
| 1990 | 247 | 247 | 6697 | 319.5 | 258.4 |
| 1991 | 214 | 214 | 6706 | 325.4 | 261.4 |
| 1992 | 213 | 213 | 6680 | 321.2 | 261.2 |
| 1993 | 182 | 182 | 6718 | 329.2 | 265.9 |
| 1994 | 178 | 178 | 6789 | 326.6 | 264.5 |
| 1995 | 149 | 149 | 6865 | 322.5 | 263.6 |
| 1996 | 131 | 131 | 6786 | 321.7 | 261.0 |
| 1997 | 113 | 113 | 7271 | 344.6 | 277.5 |
| 1998 | 140 | 140 | 7779 | 365.4 | 299.4 |
| 1999 | 158 | 158 | 7695 | 368.0 | 296.6 |
| 2000 | 122 | 122 | 7559 | 345.4 | 286.2 |
| 2001 | 169 | 169 | 7546 | 353.6 | 283.2 |
| 2002 | 167 | 167 | 7501 | 350.3 | 283.5 |
| 2003 | 167 | 167 | 7337 | 342.6 | 274.2 |
| 2004 | 166 | 166 | 7696 | 370.2 | 289.6 |
| 2005 | 189 | 189 | 7049 | 345.8 | 273.7 |
| 2006 | 164 | 164 | 7367 | 359.2 | 282.5 |
| 2007 | 162 | 162 | 7297 | 358.2 | 278.8 |
| 2008 | 170 | 170 | 7381 | 362.6 | 282.0 |
| 2009 | 219 | 219 | 7116 | 349.4 | 270.6 |
| 2010 | 196 | 196 | 7671 | 376.3 | 289.1 |
| 2011 | 192 | 192 | 7468 | 378.8 | 283.8 |
| 2012 | 199 | 199 | 7578 | 388.6 | 288.6 |

Notes:

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

Provincial phenotypic trends by birth year for Jersey cows
Lactanet Canada, August 2020

Alberta

| Year | Number of Cows | | ME yields (kg) | | |
|------|----------------|---------|----------------|-------|---------|
| | Milk Fat | Protein | Milk | Fat | Protein |
| 2013 | 198 | 198 | 8218 | 420.0 | 309.0 |
| 2014 | 263 | 263 | 8467 | 429.1 | 317.5 |
| 2015 | 292 | 292 | 8461 | 437.5 | 319.6 |
| 2016 | 263 | 263 | 8586 | 446.1 | 328.2 |
| 2017 | 261 | 261 | 8864 | 460.6 | 342.2 |
| 2018 | 133 | 133 | 7804 | 411.8 | 301.6 |

Notes:

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

Provincial phenotypic trends by birth year for Jersey cows
Lactanet Canada, August 2020

British Columbia

| Year | Number of Cows | | ME yields (kg) | | |
|------|----------------|---------|----------------|-------|---------|
| | Milk Fat | Protein | Milk | Fat | Protein |
| 1975 | 314 | 43 | 4571 | 235.5 | 190.4 |
| 1976 | 247 | 24 | 4762 | 248.7 | 192.9 |
| 1977 | 235 | 14 | 4789 | 252.8 | 201.6 |
| 1978 | 260 | 14 | 4685 | 243.8 | 178.3 |
| 1979 | 316 | 47 | 4390 | 224.7 | 211.5 |
| 1980 | 314 | 112 | 4974 | 252.4 | 213.6 |
| 1981 | 314 | 157 | 5131 | 258.7 | 207.5 |
| 1982 | 315 | 264 | 5296 | 269.6 | 204.9 |
| 1983 | 329 | 329 | 5235 | 256.5 | 199.5 |
| 1984 | 360 | 360 | 5427 | 268.6 | 207.9 |
| 1985 | 355 | 355 | 5568 | 277.6 | 211.9 |
| 1986 | 365 | 363 | 5647 | 281.4 | 215.1 |
| 1987 | 364 | 364 | 5646 | 279.4 | 216.5 |
| 1988 | 398 | 398 | 5781 | 287.7 | 223.2 |
| 1989 | 372 | 372 | 6079 | 302.3 | 234.2 |
| 1990 | 385 | 385 | 6464 | 321.4 | 247.1 |
| 1991 | 368 | 368 | 6810 | 335.7 | 259.2 |
| 1992 | 304 | 304 | 7158 | 350.4 | 270.0 |
| 1993 | 279 | 279 | 6947 | 349.1 | 258.9 |
| 1994 | 297 | 297 | 7005 | 351.0 | 260.3 |
| 1995 | 199 | 199 | 7590 | 368.0 | 278.9 |
| 1996 | 219 | 219 | 7856 | 380.1 | 290.0 |
| 1997 | 171 | 171 | 8493 | 401.4 | 310.5 |
| 1998 | 178 | 178 | 8362 | 401.6 | 307.4 |
| 1999 | 189 | 189 | 8587 | 406.9 | 317.9 |
| 2000 | 204 | 204 | 8618 | 399.6 | 317.4 |
| 2001 | 240 | 240 | 8818 | 396.8 | 317.0 |
| 2002 | 226 | 226 | 8856 | 400.4 | 318.5 |
| 2003 | 251 | 251 | 8534 | 401.5 | 311.3 |
| 2004 | 279 | 279 | 8638 | 400.6 | 313.3 |
| 2005 | 296 | 296 | 8503 | 398.8 | 310.8 |
| 2006 | 297 | 297 | 8678 | 414.5 | 319.5 |
| 2007 | 240 | 240 | 8760 | 417.4 | 324.2 |
| 2008 | 281 | 281 | 8497 | 421.6 | 316.9 |
| 2009 | 294 | 294 | 8462 | 423.9 | 315.4 |
| 2010 | 303 | 303 | 8309 | 418.3 | 309.2 |
| 2011 | 367 | 367 | 8463 | 418.5 | 317.1 |
| 2012 | 397 | 397 | 8519 | 423.3 | 312.1 |

Notes:

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

Provincial phenotypic trends by birth year for Jersey cows
Lactanet Canada, August 2020

British Columbia

| Year | Number of Cows | | ME yields (kg) | | |
|------|----------------|---------|----------------|-------|---------|
| | Milk Fat | Protein | Milk | Fat | Protein |
| 2013 | 353 | 353 | 8861 | 448.4 | 328.2 |
| 2014 | 363 | 363 | 8542 | 440.3 | 317.1 |
| 2015 | 399 | 399 | 9039 | 463.8 | 338.5 |
| 2016 | 385 | 385 | 8812 | 453.7 | 332.5 |
| 2017 | 405 | 405 | 8992 | 474.8 | 339.6 |
| 2018 | 184 | 184 | 9234 | 482.2 | 343.9 |

Notes:

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

Provincial phenotypic trends by birth year for Jersey cows
Lactanet Canada, August 2020

Newfoundland

| Year | Number of Cows | | ME yields (kg) | | |
|------|----------------|---------|----------------|-------|---------|
| | Milk Fat | Protein | Milk | Fat | Protein |
| 1975 | 10 | 0 | 3938 | 206.3 | . |
| 1976 | 5 | 0 | 4403 | 233.2 | . |
| 1977 | 9 | 0 | 4659 | 258.7 | . |
| 1978 | 7 | 0 | 4475 | 240.7 | . |
| 1979 | 9 | 0 | 4041 | 206.9 | . |
| 1980 | 8 | 0 | 3636 | 192.0 | . |
| 1990 | 2 | 2 | 4025 | 183.5 | 147.0 |
| 2010 | 1 | 1 | 8562 | 424.0 | 306.0 |
| 2011 | 1 | 1 | 5591 | 303.0 | 220.0 |
| 2012 | 1 | 1 | 4803 | 250.0 | 178.0 |
| 2015 | 1 | 1 | 8527 | 456.0 | 307.0 |
| 2016 | 1 | 1 | 6473 | 331.0 | 230.0 |
| 2018 | 2 | 2 | 9940 | 493.0 | 394.0 |

Notes:

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