

**Provincial phenotypic trends by birth year for Jersey cows**  
**Lactanet Canada, August 2021**

**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      | 7924           | 417.8 | 306.8   |
| 2018 | 37             | 37      | 8618           | 431.1 | 325.4   |
| 2019 | 13             | 13      | 8165           | 444.8 | 314.3   |

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 2021**

**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.

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**Nova Scotia**

| Year | Number of Cows |         | ME yields (kg) |       |         |
|------|----------------|---------|----------------|-------|---------|
|      | Milk<br>Fat    | Protein | Milk           | Fat   | Protein |
| 2013 | 72             | 72      | 7735           | 391.3 | 291.5   |
| 2014 | 72             | 72      | 7937           | 409.6 | 300.2   |
| 2015 | 76             | 76      | 7740           | 402.9 | 298.7   |
| 2016 | 64             | 64      | 7876           | 398.0 | 297.7   |
| 2017 | 88             | 88      | 7854           | 404.8 | 304.5   |
| 2018 | 100            | 100     | 8193           | 419.3 | 312.7   |
| 2019 | 29             | 29      | 8182           | 408.1 | 305.6   |

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**  
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**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<br>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 | 114            | 114     | 8190           | 404.8 | 306.4   |
| 2018 | 148            | 148     | 8560           | 412.5 | 320.8   |
| 2019 | 43             | 43      | 8681           | 433.3 | 327.3   |

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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**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 | 922            | 922     | 6851           | 335.2 | 260.1   |
| 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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**Lactanet Canada, August 2021**

**Quebec**

| Year | Number of Cows |         | ME yields (kg) |       |         |
|------|----------------|---------|----------------|-------|---------|
|      | Milk<br>Fat    | Protein | Milk           | Fat   | Protein |
| 2013 | 1612           | 1612    | 7987           | 402.4 | 304.4   |
| 2014 | 1745           | 1745    | 8161           | 414.4 | 312.9   |
| 2015 | 1766           | 1766    | 8261           | 418.6 | 317.5   |
| 2016 | 1673           | 1673    | 8332           | 421.8 | 321.2   |
| 2017 | 1699           | 1699    | 8287           | 419.9 | 320.9   |
| 2018 | 1785           | 1785    | 8432           | 426.6 | 328.5   |
| 2019 | 780            | 780     | 8700           | 433.0 | 333.8   |

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**  
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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 | 2211           | 2211    | 7765           | 383.9 | 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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**Lactanet Canada, August 2021**

**Ontario**

| Year | Number of Cows |         | ME yields (kg) |       |         |
|------|----------------|---------|----------------|-------|---------|
|      | Milk<br>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 | 2320           | 2320    | 8313           | 418.9 | 317.2   |
| 2017 | 2285           | 2285    | 8514           | 429.4 | 325.2   |
| 2018 | 2425           | 2425    | 8916           | 449.3 | 341.0   |
| 2019 | 970            | 970     | 9011           | 447.1 | 338.2   |

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 2021**

**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**  
**Lactanet Canada, August 2021**

**Manitoba**

| Year | Number of Cows |         | ME yields (kg) |       |         |
|------|----------------|---------|----------------|-------|---------|
|      | Milk<br>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     | 8186           | 408.4 | 321.0   |
| 2017 | 83             | 83      | 8561           | 423.3 | 332.4   |
| 2018 | 143            | 143     | 8156           | 425.1 | 322.5   |
| 2019 | 50             | 50      | 9237           | 493.9 | 358.0   |

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**  
**Lactanet Canada, August 2021**

**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 | 23             | 23      | 8222           | 428.6 | 306.5   |
| 2016 | 23             | 23      | 9107           | 472.7 | 343.7   |
| 2017 | 57             | 57      | 9541           | 487.9 | 360.4   |
| 2018 | 28             | 28      | 8991           | 449.0 | 342.8   |
| 2019 | 17             | 17      | 9148           | 465.9 | 347.3   |

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 2021**

**Alberta**

| Year | Number of Cows |         | ME yields (kg) |       |         |
|------|----------------|---------|----------------|-------|---------|
|      | Milk<br>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 | 200            | 200     | 7563           | 388.0 | 288.1   |

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 2021**

**Alberta**

| Year | Number of Cows |         | ME yields (kg) |       |         |
|------|----------------|---------|----------------|-------|---------|
|      | Milk<br>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 | 263            | 263     | 8687           | 451.6 | 335.5   |
| 2018 | 329            | 329     | 8295           | 440.1 | 322.5   |
| 2019 | 100            | 100     | 8364           | 427.8 | 318.7   |

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 2021**

**British Columbia**

| Year | Number of Cows |         | ME yields (kg) |       |         |
|------|----------------|---------|----------------|-------|---------|
|      | Milk<br>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 2021**

**British Columbia**

| Year | Number of Cows |         | ME yields (kg) |       |         |
|------|----------------|---------|----------------|-------|---------|
|      | Milk<br>Fat    | Protein | Milk           | Fat   | Protein |
| 2013 | 353            | 353     | 8861           | 448.4 | 328.2   |
| 2014 | 364            | 364     | 8549           | 440.8 | 317.4   |
| 2015 | 402            | 402     | 9031           | 463.5 | 338.3   |
| 2016 | 396            | 396     | 8762           | 451.6 | 330.9   |
| 2017 | 414            | 414     | 8982           | 473.5 | 339.2   |
| 2018 | 429            | 429     | 9316           | 485.3 | 353.9   |
| 2019 | 226            | 226     | 9265           | 459.4 | 348.4   |

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 2021**

**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 | 3              | 3       | 10226          | 481.0 | 390.0   |

Notes:

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