Table CT1. Energy Consumption Estimates for Major Energy Sources in Physical Units, Selected Years, 1960-2014, Oregon

|              |                         |                             |                                      |                                  |                  | Petroleum                                      |  |                               |                  |                           |  |                              |
|--------------|-------------------------|-----------------------------|--------------------------------------|----------------------------------|------------------|--|--|-------------------------------|------------------|---------------------------|--|------------------------------|
|              | Coal                    | Natural<br>Gas <sup>a</sup> | Distillate<br>Fuel Oil               | Jet<br>Fuel <sup>b</sup>         | LPG °            | Motor<br>Gasoline <sup>d</sup>                 | Residual<br>Fuel Oil                               | Other <sup>e</sup>            | Total            | Nuclear<br>Electric Power | Hydro-<br>electric<br>Power <sup>f</sup> | Fuel<br>Ethanol <sup>g</sup> |
| Year         | Thousand<br>Short Tons  | Billion<br>Cubic Feet       |                                      |                                  |                  | Thousand Barrels                               |  |                               |                  | Million Kilo              | watthours                                | Thousand Barrels             |
| 1960         | 381                     | 31                          | 10,966                               | 384                              | 1,164            | 16,361   | 5,562  | 3,430                         | 37,866           | 0                         | 12,466                                   | NA                           |
| 1965<br>1970 | 305                     | 56<br>95                    | 13,085<br>12,904                     | 812                              | 961              | 19,838<br>24,958                               | 5.115  | 4,425<br>4,833                | 44,235           | 0                         | 16,508                                   | NA                           |
| 1970         | 140                     |                             | 12,904                               | 2,086                            | 1,251            | 24,958   | 6,632  | 4,833                         | 52,665           | 0                         | 29,912                                   | NA                           |
| 1971         | 157                     | 101                         | 14,178                               | 2,072                            | 1,350            | 26,147   | 6,577  | 5,281                         | 55,606           | 0                         | 34,364                                   | NA                           |
| 1972         | 104                     | 110                         | 15,695                               | 2,085                            | 1,214            | 27,756<br>28,953                               | 7,880  | 5,900                         | 60,530           | 0                         | 36,478                                   | NA                           |
| 1973         | 101                     | 108                         | 16.256                               | 2.386                            | 1,089            | 28,953   | 7.372  | 5,299                         | 61,356           | 0                         | 28,150                                   | NA                           |
| 1974         | 156                     | 98                          | 13,937                               | 2,212                            | 1,113            | 28.253   | 6,542  | 4,950                         | 57,006           | 0                         | 36,004                                   | NA                           |
| 1975         | 130                     | 110                         | 13,267                               | 2,079                            | 726              | 28,904   | 4,321  | 5,688                         | 54,984           | 2                         | 34,562                                   | NA                           |
| 1976         | 306                     | 93                          | 14,220                               | 2,055                            | 710              | 28,904<br>30,747                               | 4,321<br>3,463                                     | 5,075                         | 56,270           | 2,103                     | 35,384                                   | NA                           |
| 1977         | 277                     | 73                          | 16,804                               | 2,307                            | 749              | 32.054   | 3.362  | 5,612                         | 60,887           | 6,492                     | 24,385                                   | NA                           |
| 1978         | 251                     | 86                          | 17.193                               | 2,534<br>2,631                   | 835              | 33.497   | 4,595<br>5,445                                     | 6.038                         | 64,691           | 1.563                     | 31,911                                   | NA                           |
| 1979         | 255                     | 94                          | 18,285                               | 2,631                            | 1.466            | 31.845   | 5,445  | 5,643                         | 65,315           | 4.495                     | 29,866                                   | NA                           |
| 1980         | 715                     | 79                          | 16,764                               | 2.465                            | 1,354            | 30,511   | 4,511  | 4,649                         | 60,254           | 5,395                     | 30,222                                   | NA                           |
| 1981         | 1,514                   | 76                          | 16,423                               | 1,694                            | 1,259            | 29,713   | 6,344  | 4,478                         | 59,911           | 6,424                     | 32,160                                   | 0                            |
| 1982         | 700                     | 71                          | 14,974                               | 1,694<br>1,785                   | 1,322            | 28,386   | 10,531   | 3,866                         | 60,865           | 4,792                     | 32,160<br>45,223                         | 5                            |
| 1983         | 578                     | 67                          | 16,035                               | 1.777                            | 1,321            | 28,309   | 4,244  | 3,907                         | 55,594           | 3,685                     | 45.077                                   | 3                            |
| 1984         | 685                     | 79<br>83                    | 15,328<br>15,027                     | 1,962<br>2,142                   | 1,301<br>1,527   | 29,354<br>29,047                               | 5,766  | 4,120<br>4,544                | 57,831           | 4,736                     | 46,635<br>40,780                         | 1                            |
| 1985         | 591                     | 83                          | 15,027                               | 2,142                            | 1,527            | 29,047   | 4.961  | 4,544                         | 57.248           | 6,911                     | 40,780                                   | (s)                          |
| 1986         | 163<br>205              | 71                          | 14.699                               | 2,618<br>2,928<br>3,189<br>3,377 | 1,517            | 29,947<br>30,649                               | 5,491  | 4 326                         | 58,598           | 7,081                     | 40,771<br>35,459                         | Ó                            |
| 1987         | 205                     | 80<br>87                    | 15.015                               | 2,928                            | 1.490            | 30,649   | 5 089  | 4,884<br>5,088                | 60.055           | 4,348                     | 35,459                                   | 0                            |
| 1988         | 177                     | 87                          | 15,935<br>16,006<br>15,902<br>16,033 | 3,189                            | 1,581            | 22 002   | 6 155  | 5,088                         | 64.040           | 6.339                     | 34,674                                   | 0                            |
| 1989         | 396<br>934              | 108                         | 16,006                               | 3,377                            | 1,612            | 31,889   | 5,339  | 5,342                         | 63,566           | 5,299<br>6,074            | 38.007                                   | 0                            |
| 1990         | 934                     | 109                         | 15,902                               | 3,319                            | 1,384            | 31,728   | 4,430  | 5,582                         | 62,345           | 6,074                     | 41.240                                   | 0                            |
| 1991         | 1 0/10                  | 109<br>124<br>123<br>137    | 16,033                               | 3,319<br>3,744                   | 1,384<br>1,559   | 31,889<br>31,728<br>32,125<br>31,921<br>33,528 | 5,339<br>4,430<br>6,296                            | 5,342<br>5,582<br>4,968       | 62,345<br>64,723 | 1,465                     | 41,088                                   | 0                            |
| 1992<br>1993 | 2,124                   | 123                         | 16,159<br>16,838                     | 4,011<br>4,310                   | 1,430<br>1,561   | 31,921   | 6,497  | 6,230                         | 66,248<br>65,763 | 4,573                     | 31,719                                   | 508<br>874                   |
| 1993         | 2,100                   | 137                         | 16,838                               | 4,310                            | 1,561            | 33,528   | 4,595  | 4,931                         | 65,763           | -21                       | 35,864                                   | 874                          |
| 1994         | 2,124<br>2,100<br>2,479 | 147                         | 16.816                               | 4.649                            | 1.423            | 33,837<br>34,021                               | 4,385  | 6,230<br>4,931<br>5,225       | 66,335           | 0                         | 31,220                                   | 0                            |
| 1995         | 1,125                   | 146                         | 16.530                               | 5,114                            | 1,535            | 34,021   | 3,589  | 4,474                         | 65,263           | 0                         | 40,764                                   | 0                            |
| 1996         | 1,134                   | 181                         | 16.074                               | 5,235                            | 1,535<br>1,627   | 35,161   | 3,249  | 4,474<br>4,556                | 65,901           | 0                         | 44,906                                   | 0                            |
| 1997         | 1,125<br>1,134<br>918   | 185                         | 16.641                               | 5,114<br>5,235<br>5,723          | 898              | 33.594   | 6,497<br>4,595<br>4,385<br>3,589<br>3,249<br>3,449 | 4.564                         | 64.869           | 0                         | 46.704                                   | 0                            |
| 1998         | 2,074                   | 229<br>235                  | 16,005                               | 5,866                            | 773<br>1,179     | 36,360   | 3,871  | 6,893                         | 69,767           | 0                         | 39,902                                   | 353<br>299                   |
| 1999         | 2,074<br>2,154          | 235                         | 16,005<br>17,426                     | 5,866<br>6,437                   | 1,179            | 36,360<br>36,512                               | 3,871<br>2,581                                     | 7,361                         | 71,494           | 0                         | 45,639                                   | 299                          |
| 2000         | 2.241                   | 225                         | 18.519                               | 6.277                            | 1,320            | 35.989   | 1.468  | 5,583                         | 69,156           | 0                         | 38,116                                   | 335                          |
| 2001         | 2,490<br>2,205          | 230<br>202                  | 17.413                               | 5,217                            | 1,009            | 36.157   | 1,360  | 3,614                         | 64,771           | 0                         | 28,645                                   | 438<br>834                   |
| 2002         | 2,205                   | 202                         | 17,762                               | 5,175                            | 1,307            | 36.898   | 1,758  | 4,492                         | 67,392           | 0                         | 34,413                                   | 834                          |
| 2003         | 2,598                   | 213                         | 16,012                               | 5,589                            | 1,335            | 36,527   | 1,942  | 4,403                         | 65,808           | 0                         | 33,250                                   | 635                          |
| 2004         | 2.141                   | 235                         | 17.792                               | 5,097<br>5,402                   | 1,022            | 36.818   | 2.069  | 4.707                         | 67,505           | 0                         | 33,081                                   | 669                          |
| 2005         | 2,112                   | 233                         | 17,853                               | 5,402                            | 1,278            | 37.488   | 2,186  | 4,787                         | 68,994           | 0                         | 30,948                                   | 1,133                        |
| 2006         | 1,558                   | 223                         | 18,586                               | 5.764                            | 1,092            | 37.956   | 2.069  | 4,863                         | 70,331           | 0                         | 37,850                                   | 1,273                        |
| 2007         | 2,672                   | 252                         | 18.847                               | 5.630                            | 1,066            | 37.810   | 2.539  | 3.914                         | 69,807           | 0                         | 33,587                                   | 1.609                        |
| 2008         | 2.451                   | 268                         | 18,688                               | 5.464                            | 1.774            | 36.410   | 1.746  | _ 3,689                       | _ 67,770         | 0                         | 33,805                                   | 2,827                        |
| 2009         | 1,933                   | 249                         | 18,474                               | 6,525                            | 1.794            | 36,902   | 968  | 3,689<br>R 2,650              | R 67.313         | 0                         | 33,034                                   | 3,261                        |
| 2010         | 2 494                   | 239                         | 19.095                               | 4.314                            | 1,596<br>R 1,670 | 36.523   | 1,696  | R 2,562                       | R 65 787         | 0                         | 30,542                                   | 2.935                        |
| 2011         | 2,062                   | 199                         | 19.068                               | 4,495                            | R 1,670          | 35 307   | 1,115  | R 2,550                       | H 64.206         | Ö                         | 42,315                                   | 2.951                        |
| 2012         | 1.658                   | 216                         | 18,769                               | 4,492                            | 1,533            | 34,508   | 929  | R 2,562<br>R 2,550<br>R 2,478 | H 62.709         | 0                         | 39,410                                   | 2.782                        |
| 2013         | 2,268<br>1,963          | 240<br>220                  | 18,251<br>19,183                     | 4,567<br>4,620                   | 1.612            | 34,508<br>R 35,040                             | 730  | R 2,507<br>2,548              | R 62.707         | 0                         | 33.098                                   | R 2,845                      |
| 2014         | 1,963                   | 220                         | 19,183                               | 4.620                            | 1,618            | 35,453   | 174  | 2.548                         | 63,596           | Ō                         | 35,262                                   | 3,114                        |

a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
 b Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."
 c Liquefied petroleum gases, includes ethane and olefins.
 d Motor gasoline as it is consumed; includes fuel ethanol blended into motor gasoline.

e Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

<sup>&</sup>lt;sup>f</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be

separately identified.

g Includes denaturant. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes. NA = Not available.

Where shown, R = Revised data and (s) = Value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2014, Oregon (Trillion Btu)

|              |                        |  |                        |                          | Fossi            | Fuels   |                      |                    |                  |                  | Fossil<br>(as comi   |  |
|--------------|------------------------|--|------------------------|--------------------------|------------------|---|----------------------|--------------------|------------------|------------------|--|--|
| Year         | Coal                   | Natural Gas<br>excluding<br>Supplemental<br>Gaseous Fuels <sup>a</sup> | Distillate<br>Fuel Oil | Jet<br>Fuel <sup>b</sup> | LPG <sup>c</sup> | Petroleum  Motor Gasoline excluding Fuel Ethanol <sup>a</sup> | Residual<br>Fuel Oil | Other <sup>d</sup> | Total            | Total            | Natural Gas<br>including<br>Supplemental<br>Gaseous Fuels <sup>a</sup> | Motor<br>Gasoline<br>including<br>Fuel Ethanol |
| 1000         |                        | 24.0   |                        |                          | 4.0              | 05.0  | 05.0                 |                    | 242.7            | 050.5            | 24.0   | 05.0   |
| 1960         | 8.9                    | 31.9   | 63.9                   | 2.1                      | 4.6              | 85.9  | 35.0                 | 21.1               | 212.7            | 253.5            | 31.9   | 85.9   |
| 1965<br>1970 | 7.1                    | 60.0   | 76.2                   | 4.5                      | 3.7<br>4.8       | 104.2   | 32.2<br>41.7         | 27.5               | 248.3<br>294.5   | 315.4<br>397.1   | 60.0<br>99.6   | 104.2  |
| 1970         | 3.0<br>3.4             | 99.6<br>105.4  | 75.2<br>82.6           | 11.8<br>11.7             | 4.6<br>5.2       | 131.1<br>137.4  | 41.7                 | 30.0<br>33.2       | 294.5<br>311.3   | 420.1            | 105.4  | 131.1<br>137.4                                 |
| 1971         | 3. <del>4</del><br>2.2 | 115.3  | 6∠.6<br>91.4           | 11.7                     | 5.2<br>4.6       | 145.8   | 41.4<br>49.5         | 33.2<br>37.1       | 340.3            | 420.1<br>457.9   | 115.3  | 137.4<br>145.8                                 |
| 1972         | 2.2                    | 114.3  | 94.7                   | 13.5                     | 4.0              | 152.1   | 49.5<br>46.3         | 33.4               | 344.1            | 457.9<br>460.6   | 114.3  | 152.1  |
| 1974         |                        | 102.4  | 81.2                   | 12.5                     | 4.2              | 148.4   | 41.1                 | 31.0               | 318.4            | 424.1            | 102.4  | 148.4  |
| 1975         | 3.3<br>2.7             | 114.2  | 77.3                   | 11.7                     | 2.7              | 151.8   | 27.2                 | 35.9               | 306.6            | 423.5            | 114.2  | 151.8  |
| 1976         | 5.9                    | 95.8   | 82.8                   | 11.6                     | 2.7              | 161.5   | 21.8                 | 32.0               | 312.3            | 414.0            | 95.8   | 161.5  |
| 1977         | 5.2                    | 75.6   | 97.9                   | 13.0                     | 2.8              | 168.4   | 21.1                 | 35.1               | 338.3            | 419.1            | 75.6   | 168.4  |
| 1978         | 4.7                    | 90.0   | 100.1                  | 14.3                     | 3.1              | 176.0   | 28.9                 | 37.7               | 360.2            | 454.9            | 90.0   | 176.0  |
| 1979         | 4.7                    | 97.9   | 106.5                  | 14.9                     | 5.5              | 167.3   | 34.2                 | 35.6               | 364.0            | 466.6            | 97.9   | 167.3  |
| 1980         | 12.1                   | 82.3   | 97.7                   | 13.9                     | 5.1              | 160.3   | 28.4                 | 29.1               | 334.4            | 428.8            | 82.3   | 160.3  |
| 1981         | 25.8                   | 78.9   | 95.7                   | 9.6                      | 4.7              | 156.1   | 39.9                 | 27.8               | 333.7            | 438.4            | 78.9   | 156.1  |
| 1982         | 11.8                   | 73.9   | 87.2                   | 10.1                     | 4.9              | 149.1   | 66.2                 | 24.1               | 341.7            | 427.4            | 73.9   | 149.1  |
| 1983         | 9.9                    | 69.8   | 93.4                   | 10.0                     | 5.0              | 148.7   | 26.7                 | 24.7               | 308.4            | 388.1            | 69.8   | 148.7  |
| 1984         | 11.8                   | 81.5   | 89.3                   | 11.1                     | 4.8              | 154.2   | 36.3                 | 26.1               | 321.8            | 415.0            | 81.5   | 154.2  |
| 1985         | 10.0                   | 85.5   | 87.5                   | 12.1                     | 5.6              | 152.6   | 31.2                 | 28.9               | 317.9            | 413.5            | 85.5   | 152.6  |
| 1986         | 2.9                    | 72.5   | 85.6                   | 14.8                     | 5.6              | 157.3   | 34.5                 | 27.1               | 324.9            | 400.4            | 72.5   | 157.3  |
| 1987         | 3.7                    | 82.5   | 87.5                   | 16.5                     | 5.5              | 161.0   | 32.0                 | 30.5               | 333.0            | 419.1            | 82.5   | 161.0  |
| 1988         | 3.1                    | 89.2   | 92.8                   | 18.0                     | 5.8              | 168.6   | 38.7                 | 31.9               | 355.9            | 448.1            | 89.2   | 168.6  |
| 1989         | 6.7                    | 111.8  | 93.2                   | 19.1                     | 6.0              | 167.5   | 33.6                 | 33.7               | 353.1            | 471.6            | 111.8  | 167.5  |
| 1990         | 15.7                   | 111.7  | 92.6                   | 18.8                     | 5.1              | 166.7   | 27.9                 | 35.3               | 346.3            | 473.6            | 111.7  | 166.7  |
| 1991         | 32.8<br>40.8           | 127.8  | 93.4                   | 21.1                     | 5.7              | 168.8   | 39.6                 | 31.3               | 359.9<br>369.9   | 520.5<br>537.9   | 127.8  | 168.8  |
| 1992<br>1993 | 40.8<br>37.1           | 127.2<br>141.8   | 94.1<br>98.1           | 22.7<br>24.4             | 5.3<br>5.7       | 167.7<br>172.4  | 40.8<br>28.9         | 39.3<br>31.5       | 369.9<br>361.0   | 537.9<br>539.9   | 127.2<br>141.8   | 167.7<br>175.4                                 |
| 1993         | 44.6                   | 152.9  | 97.9                   | 24.4<br>26.4             | 5.7<br>5.3       | 172.4   | 26.9<br>27.6         | 33.3               | 367.4            | 564.9            | 152.9  | 175.4<br>177.0                                 |
| 1994         | 20.2                   | 152.9  | 96.2                   | 29.0                     | 5.7              | 177.5   | 22.6                 | 28.4               | 359.4            | 531.6            | 152.9  | 177.5  |
| 1996         | 20.2                   | 188.2  | 93.5                   | 29.7                     | 6.0              | 183.5   | 20.4                 | 28.8               | 361.9            | 570.4            | 188.2  | 183.5  |
| 1997         | 16.4                   | 193.8  | 96.8                   | 32.4                     | 3.3              | 175.2   | 21.7                 | 29.0               | 358.6            | 568.7            | 193.8  | 175.2  |
| 1998         | 36.1                   | 239.3  | 93.1                   | 33.3                     | 2.9              | 188.4   | 24.3                 | 43.8               | 385.8            | 661.2            | 239.3  | 189.6  |
| 1999         | 38.6                   | 247.0  | 101.4                  | 36.5                     | 4.4              | 189.3   | 16.2                 | 46.2               | 394.0            | 679.6            | 247.0  | 190.3  |
| 2000         | 38.7                   | 231.0  | 107.8                  | 35.6                     | 4.9              | 186.5   | 9.2                  | 35.3               | 379.3            | 649.0            | 231.0  | 187.6  |
| 2001         | 43.4                   | 235.6  | 101.3                  | 29.6                     | 3.8              | 187.0   | 8.6                  | 22.7               | 353.0            | 632.0            | 235.6  | 188.5  |
| 2002         | 37.8                   | 206.8  | 103.4                  | 29.3                     | 4.9              | 189.4   | 11.1                 | 28.7               | 366.8            | 611.3            | 206.8  | 192.3  |
| 2003         | 44.9                   | 215.1  | 93.2                   | 31.7                     | 5.1              | 187.8   | 12.2                 | 28.3               | 358.3            | 618.3            | 215.1  | 190.1  |
| 2004         | 36.5                   | 238.0  | 103.5                  | 28.9                     | 3.8              | 189.2   | 13.0                 | 30.3               | 368.7            | 643.2            | 238.1  | 191.5  |
| 2005         | 35.6                   | 239.5  | 103.9                  | 30.6                     | 4.9              | 190.9   | 13.7                 | 30.8               | 374.8            | 650.0            | 239.5  | 194.9  |
| 2006         | 26.9                   | 229.7  | 107.9                  | 32.7                     | 4.1              | 192.6   | 13.0                 | 31.2               | 381.5            | 638.1            | 229.7  | 197.0  |
| 2007         | 45.5                   | 260.2  | 109.0                  | 31.9                     | 4.0              | 189.3   | 16.0                 | 25.0               | 375.2            | 680.9            | 260.2  | 194.9  |
| 2008         | 41.4                   | 274.7  | 108.0                  | 31.0                     | 6.6              | 176.8   | 11.0                 | 23.5               | 356.9            | 673.0            | 274.7  | 186.6  |
| 2009         | 33.2                   | 254.8  | 106.8                  | 37.0                     | 6.7              | 176.9   | 6.1                  | R 16.8             | R 350.3          | R 638.3          | 254.8  | 188.2  |
| 2010         | 42.6                   | 242.9  | 110.3                  | 24.5                     | 6.0              | 175.3   | 10.7                 | R 16.2             | R 342.9          | R 628.4          | 242.9  | 185.5  |
| 2011         | 35.1                   | 203.6  | 110.1                  | 25.5                     | R 6.2            | 168.7   | 7.0                  | R 16.2             | R 333.7          | R 572.5          | 203.6  | 178.9  |
| 2012         | 28.3                   | 220.6  | 108.4                  | 25.5                     | 5.7              | 165.1   | 5.8                  | R 15.8             | R 326.2          | R 575.1          | 220.6  | 174.7  |
| 2013<br>2014 | 38.9<br>34.2           | R 244.0<br>225.6   | 105.4                  | 25.9<br>26.2             | 6.0<br>6.0       | R 167.5<br>168.6  | 4.6<br>1.1           | R 15.7             | R 325.1<br>328.6 | R 608.0<br>588.4 | R 244.0<br>225.6   | R 177.4<br>179.4                               |
| ZU14         | 34.2                   | 225.0  | 110.8                  | 20.2                     | 0.0              | 0.801   | 1.1                  | 16.0               | 328.0            | 588.4            | 223.6  | 179.4  |

<sup>&</sup>lt;sup>a</sup> Supplemental gaseous fuels (SGF) and fuel ethanol are consumed with natural gas and motor gasoline, respectively. In this table, natural gas excluding SGF and motor gasoline excluding fuel ethanol are presented so that a fossil fuel total can be calculated. Natural gas including SGF and motor gasoline including fuel ethanol are presented separately for reference.

<sup>b</sup> Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."

<sup>&</sup>lt;sup>c</sup> Liquefied petroleum gases, includes ethane and olefins.

d Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Note: Totals may not equal sum of components due to independent rounding.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm. Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2014, Oregon (Continued) (Trillion Btu)

|              |                              |  |                                |                              | R  | enewable Energ | y               |                       |              |                |                                      |  |                    |
|--------------|------------------------------|--|--------------------------------|------------------------------|--|----------------|-----------------|-----------------------|--------------|----------------|--------------------------------------|--|--------------------|
|              |                              |  |                                | Bio                          | mass                                       |                |                 |                       |              |                | Net                                  |  |                    |
| Year         | Nuclear<br>Electric<br>Power | Hydro-<br>electric<br>Power <sup>e</sup> | Wood and<br>Waste <sup>†</sup> | Fuel<br>Ethanol <sup>g</sup> | Losses<br>and Co-<br>products <sup>h</sup> | Total          | Geo-<br>thermal | Solar/PV <sup>i</sup> | Wind         | Total          | Interstate<br>Flow of<br>Electricity | Net<br>Electricity<br>Imports <sup>K</sup> | Total              |
| 1960         | 0.0                          | 134.1                                    | 56.4                           | NA                           | NA   | 56.4           | 0.0             | NA                    | NA           | 190.5          | 26.8                                 | 0.0  | 470.8              |
| 1965         | 0.0                          | 172.6                                    | 57.8                           | NA                           | NA   | 57.8           | 0.0             | NA                    | NA           | 230.4          | 46.0                                 | 0.0  | 591.8              |
| 1970         | 0.0                          | 313.9                                    | 57.4                           | NA                           | NA   | 57.4           | 0.0             | NA                    | NA           | 371.3          | -15.5                                | 0.0  | 752.9              |
| 1971         | 0.0                          | 360.1                                    | 59.2                           | NA                           | NA   | 59.2           | 0.0             | NA                    | NA           | 419.3          | -42.5                                | 0.0  | 796.9              |
| 1972         | 0.0                          | 378.6                                    | 57.3                           | NA                           | NA   | 57.3           | 0.0             | NA                    | NA           | 435.9          | -56.3                                | (s)<br>0.0                                 | 837.5              |
| 1973<br>1974 | 0.0                          | 292.4<br>376.0                           | 58.6<br>56.9                   | NA<br>NA                     | NA<br>NA                                   | 58.6<br>56.9   | 0.0             | NA<br>NA              | NA<br>NA     | 351.0<br>432.9 | 43.3                                 | 0.0  | 855.0              |
| 1974         | 0.0                          | 376.0<br>359.7                           | 56.9<br>57.7                   | NA<br>NA                     | NA<br>NA                                   | 56.9<br>57.7   | 0.0<br>0.0      | NA<br>NA              | NA<br>NA     | 432.9<br>417.4 | -19.3<br>26.8                        |  | 837.6<br>867.7     |
| 1976         | (s)<br>23.2                  | 367.0                                    | 67.3                           | NA<br>NA                     | NA<br>NA                                   | 67.3           | 0.0             | NA<br>NA              | NA<br>NA     | 434.4          | 14.3                                 | (s)<br>0.0                                 | 885.9              |
| 1977         | 69.9                         | 254.5                                    | 73.3                           | NA                           | NA   | 73.3           | 0.0             | NA                    | NA<br>NA     | 327.8          | 68.3                                 | 0.0  | 885.1              |
| 1978         | 17.1                         | 330.6                                    | 78.0                           | NA                           | NA   | 78.0           | 0.0             | NA                    | NA           | 408.6          | 70.6                                 | 0.0  | 951.2              |
| 1979         | 48.9                         | 309.2                                    | 78.1                           | NA                           | NA   | 78.1           | 0.0             | NA                    | NA           | 387.3          | 74.4                                 | 0.0  | 977.2              |
| 1980         | 58.8                         | 314.0                                    | 87.2                           | NA                           | NA   | 87.2           | 0.0             | NA                    | NA           | 401.1          | 56.3                                 | 0.0  | 945.1              |
| 1981         | 70.9                         | 336.2                                    | 92.6                           | 0.0                          | 0.0  | 92.6           | 0.0             | NA                    | NA           | 428.8          | 1.0                                  | 0.0  | 939.1              |
| 1982         | 53.1                         | 472.8                                    | 88.3                           | (s)                          | 0.0  | 88.4           | 0.0             | NA                    | NA           | 561.1          | -135.6                               | 0.0  | 906.0              |
| 1983         | 40.2                         | 474.2                                    | 100.0                          | (s)                          | 0.0  | 100.0          | 0.0             | NA                    | (s)<br>0.0   | 574.2          | -134.5                               | 0.0  | 868.1              |
| 1984         | 51.3                         | 486.9                                    | 103.7                          | (s)                          | 0.0  | 103.7          | 0.0             | 0.0                   |              | 590.5          | -120.3                               | 0.0  | 936.6              |
| 1985         | 73.4                         | 426.0                                    | 103.6                          | (s)                          | 0.0  | 103.6          | 0.0             | 0.0                   | 0.0          | 529.6<br>532.7 | -119.9                               | 17.4                                       | 914.0              |
| 1986<br>1987 | 74.9                         | 425.9<br>369.5                           | 106.8<br>107.6                 | 0.0<br>0.0                   | 0.0<br>0.0                                 | 106.8<br>107.6 | 0.0             | 0.0<br>0.0            | 0.0          | 532.7<br>477.1 | -117.0<br>-19.0                      | 4.5<br>17.9                                | 895.5<br>940.5     |
| 1987         | 45.4<br>67.2                 | 358.0                                    | 112.6                          | 0.0                          | 0.0  | 112.6          | 0.0<br>0.0      | 0.0                   | 0.0<br>0.0   | 477.1          | -19.0<br>-0.4                        | 5.6  | 991.1              |
| 1989         | 56.1                         | 396.5                                    | 84.5                           | 0.0                          | 0.0  | 84.5           | 0.0             | 0.3                   | 0.0          | 481.7          | -17.0                                | 7.3  | 999.6              |
| 1990         | 64.3                         | 429.0                                    | 57.7                           | 0.0                          | 0.0  | 57.7           | 0.4             | 0.3                   | (s)          | 487.4          | -50.0                                | 2.9  | 978.2              |
| 1991         | 15.4                         | 428.8                                    | 55.1                           | 0.0                          | 0.0  | 55.1           | 0.4             | 0.4                   | (s)          | 484.6          | -15.3                                | 4.5  | 1.009.7            |
| 1992         | 47.9                         | 328.0                                    | 45.4                           | 1.8                          | 0.0  | 47.2           | 0.4             | 0.4                   | (s)          | 376.0          | 37.3                                 | 3.0  | 1,002.0            |
| 1993         | -0.2                         | 369.7                                    | 43.6                           | 3.0                          | 0.0  | 46.6           | 0.4             | 0.4                   | 0.0          | 417.2          | 59.6                                 | 3.7  | 1,020.2            |
| 1994         | 0.0                          | 322.1                                    | 45.1                           | 0.0                          | 0.0  | 45.1           | 0.4             | 0.5                   | 0.0          | 368.0          | 97.3                                 | 3.6  | 1,033.8            |
| 1995         | 0.0                          | 420.4                                    | 45.9                           | 0.0                          | 0.0  | 45.9           | 0.4             | 0.5                   | 0.0          | 467.2          | 39.8                                 | 2.8  | 1,041.4            |
| 1996         | 0.0                          | 464.3                                    | 52.1                           | 0.0                          | 0.0  | 52.1           | 0.4             | 0.6                   | 0.0          | 517.5          | -11.7                                | 9.5  | 1,085.6            |
| 1997         | 0.0                          | 477.0                                    | 52.6                           | 0.0                          | 0.0  | 52.6           | 0.4             | 0.6                   | 0.0          | 530.6          | -5.2                                 | 2.6  | 1,096.8            |
| 1998<br>1999 | 0.0<br>0.0                   | 406.9<br>466.7                           | 46.1<br>40.9                   | 1.2<br>1.0                   | 0.0<br>0.0                                 | 47.4<br>42.0   | 0.5<br>0.7      | 0.6<br>0.7            | 0.2<br>0.9   | 455.6<br>510.9 | -10.7<br>-58.2                       | 2.0<br>1.1                                 | 1,108.1<br>1,133.4 |
| 2000         | 0.0                          | 388.8                                    | 45.8                           | 1.0                          | 0.0  | 46.9           | 0.7             | 0.7                   | 0.9          | 437.9          | 29.9                                 | 0.5  | 1,117.3            |
| 2001         | 0.0                          | 296.0                                    | 51.5                           | 1.5                          | 0.0  | 53.1           | 0.9             | 0.7                   | 0.9          | 351.5          | 44.1                                 | 0.5  | 1,028.1            |
| 2002         | 0.0                          | 350.1                                    | 45.2                           | 2.9                          | 0.0  | 48.1           | 0.9             | 0.7                   | 3.8          | 403.6          | 3.8                                  | 5.0  | 1,023.7            |
| 2003         | 0.0                          | 336.7                                    | 41.7                           | 2.2                          | 0.0  | 44.0           | 0.9             | 0.7                   | 4.5          | 386.7          | -4.1                                 | 0.9  | 1.001.9            |
| 2004         | 0.0                          | 331.3                                    | 45.5                           | 2.3                          | 0.0  | 47.8           | 0.9             | 0.8                   | 6.2          | 387.0          | -38.6                                | 8.3  | 1,000.0            |
| 2005         | 0.0                          | 309.5                                    | 45.5                           | 3.9                          | 0.0  | 49.5           | 1.0             | 0.8                   | 7.3          | 368.1          | 18.1                                 | 0.3  | 1,036.4            |
| 2006         | 0.0                          | 375.4                                    | 46.5                           | 4.4                          | 0.0  | 50.9           | 1.0             | _ 1.0                 | 9.2          | 437.6          | -3.5                                 | (s)<br>4.2                                 | 1,072.1            |
| 2007         | 0.0                          | 332.0                                    | 48.5                           | 5.6                          | 0.8  | 54.9           | 1.0             | R 1.3                 | 12.3         | 401.5          | -23.9                                |  | 1,062.7            |
| 2008         | 0.0                          | 333.1                                    | 43.4                           | 9.8                          | 4.2  | 57.3           | 1.0             | 1.5                   | 25.4         | 418.4          | -44.8                                | 1.1  | 1,047.7            |
| 2009         | 0.0                          | 322.4                                    | 49.0                           | 11.3                         | 3.2  | 63.4           | 1.1             | 1.8                   | 33.9         | 422.5          | -48.1                                | 1.0  | R 1,013.7          |
| 2010<br>2011 | 0.0                          | 298.0                                    | 47.0<br>R 45.0                 | 10.2<br>10.2                 | 2.3<br>2.2                                 | 59.5<br>R 57.5 | 1.1             | 2.2<br>R 2.8          | 38.2<br>46.4 | 399.0<br>519.1 | -53.1<br>-90.0                       | 0.7  | R 1,002.5          |
| 2011         | 0.0<br>0.0                   | 411.1<br>375.0                           | R 50.0                         | 10.2<br>9.6                  | 2.2  | R 61.8         | 1.3<br>1.5      | 3.1                   | 46.4<br>60.4 | R 501.8        | -90.0<br>-103.4                      | 1.0<br>1.6                                 | 1,002.5<br>R 975.0 |
| 2012         | 0.0                          | 3/5.0<br>315.8                           | R 59.2                         | 9.6<br>9.9                   | 2.1  | R 71.3         | 1.5<br>2.8      | R 3.1                 | 71.1         | 464.5          | -103.4<br>-80.8                      | 0.2  | R 991.9            |
| 2013         | 0.0                          | 335.3                                    | 59.2<br>59.4                   | 10.8                         | 2.2  | 72.4           | 3.0             | 3.6                   | 71.1<br>71.9 | 486.2          | -88.0                                | 0.2<br>0.5                                 | 987.1              |
| 2017         | 0.0                          | 000.0                                    | JJ. <del>T</del>               | 10.0                         | 2.0  | 12.7           | 0.0             | 0.0                   | 71.3         | 700.Z          | 00.0                                 | 0.0  | 307.1              |

e Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

during the year. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

f Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

<sup>&</sup>lt;sup>9</sup> Excludes denaturant. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes.

h Losses and co-products from the production of fuel ethanol.

Solar thermal and photovoltaic energy.

Solar thermal and photovoltaic energy.

Includes the energy losses associated with the generation, transmission, and distribution of the electricity flowing across state lines. A positive number indicates that more electricity came into the state than went out of the state

k Electricity traded with Canada and Mexico. Calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

NA = Not available.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Note: Totals may not equal sum of components due to independent rounding.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT3. Total End-Use Energy Consumption Estimates, Selected Years, 1960-2014, Oregon

|              |                        |                             |                        |                          |                  | Petroleum                      |                      |                    |                    | Hydro-                           | Bior                                | mass                                       |                              |  | Retail                        |                              |   |                      |
|--------------|------------------------|-----------------------------|------------------------|--------------------------|------------------|--------------------------------|----------------------|--------------------|--------------------|----------------------------------|-------------------------------------|--|------------------------------|--|-------------------------------|------------------------------|---|----------------------|
|              | Coal                   | Natural<br>Gas <sup>a</sup> | Distillate<br>Fuel Oil | Jet<br>Fuel <sup>b</sup> | LPG <sup>c</sup> | Motor<br>Gasoline <sup>d</sup> | Residual<br>Fuel Oil | Other <sup>e</sup> | Total              | electric<br>Power <sup>f,g</sup> |                                     |  |                              | Solar                                      | Electricity<br>Sales          |                              | Electrical                              |                      |
| Year         | Thousand<br>Short Tons | Billion<br>Cubic Feet       | '                      | '                        | 1                | housand Barrels                | '                    | '                  |                    | Million<br>Kilowatt-<br>hours    | Wood<br>and<br>Waste <sup>g,h</sup> | Losses<br>and Co-<br>products <sup>i</sup> | Geo-<br>thermal <sup>9</sup> | Thermal/<br>Photo-<br>voltaic <sup>9</sup> | Million<br>Kilowatt-<br>hours | Net<br>Energy <sup>g,j</sup> | System<br>Energy<br>Losses <sup>k</sup> | Total <sup>g,j</sup> |
| 1960         | 381                    | 30                          | 10,966                 | 384                      | 1,164            | 16,361                         | 5,558                | 3,430              | 37,863             | 77                               |                                     |  |                              |  | 13,593                        |                              |   |                      |
| 1965         | 305                    | 56                          | 13,085                 | 812                      | 961              | 19,838                         | 5,114                | 4,425              | 44,234             | 61                               |                                     |  |                              |  | 18,893                        |                              |   |                      |
| 1970         | 140                    | 94                          | 12,904                 | 2,086                    | 1,251            | 24,958                         | 6,614                | 4,833              | 52,646             | 77                               |                                     |  |                              |  | 25,648                        |                              |   |                      |
| 1975         | 130                    | 110                         | 13,238                 | 2,079                    | 726              | 28,904                         | 4,321                | 5,688              | 54,955             | 40                               |                                     |  |                              |  | 33,302                        |                              |   |                      |
| 1980         | 230                    | 78                          | 16,655                 | 2,465                    | 1,354            | 30,511                         | 4,511                | 4,649              | 60,144             | 28                               |                                     |  |                              |  | 37,848                        |                              |   |                      |
| 1985         | 173                    | 83                          | 15,024                 | 2,142                    | 1,527            | 29,047                         | 4,961                | 4,544<br>5,582     | 57,245<br>62,289   | 28<br>0                          |                                     |  |                              |  | 35,947                        |                              |   |                      |
| 1990<br>1995 | 84<br>148              | 102<br>127                  | 15,846<br>16,518       | 3,319<br>5,114           | 1,384<br>1,535   | 31,728<br>34,021               | 4,430<br>3,589       | 5,582<br>4,474     | 65,252             | 0                                |                                     |  |                              |  | 42,977<br>45,725              |                              |   |                      |
| 2000         | 0                      | 155                         | 18,414                 | 6,277                    | 1,320            | 35,989                         | 1,468                | 5,583              | 69,052             | 0                                |                                     |  |                              |  | 50,330                        |                              |   |                      |
| 2001         | 0                      | 147                         | 17,231                 | 5,217                    | 1,009            | 36,157                         | 1,360                | 3,614              | 64,589             | 0                                |                                     |  |                              |  | 45,885                        |                              |   |                      |
| 2002         | 50                     | 146                         | 17,748                 | 5,175                    | 1,307            | 36,898                         | 1,758                | 4,492              | 67,378             | 0                                |                                     |  |                              |  | 45,255                        |                              |   |                      |
| 2003         | 65                     | 138                         | 15,911                 | 5,589                    | 1,335            | 36,527                         | 1,942                | 4,403              | 65,708             | 0                                |                                     |  |                              |  | 45,195                        |                              |   |                      |
| 2004         | 64                     | 146                         | 17,752                 | 5,097                    | 1,022            | 36,818                         | 2,069                | 4,707              | 67,466             | 0                                |                                     |  |                              |  | 45,636                        |                              |   |                      |
| 2005         | 9                      | 145                         | 17,760                 | 5,402                    | 1,278            | 37,488                         | 2,186                | 4,787              | 68,900             | 0                                |                                     |  |                              |  | 46,419                        |                              |   |                      |
| 2006         | 109                    | 147                         | 18,575                 | 5,764                    | 1,092            | 37,956                         | 2,069                | 4,863              | 70,320             | 0                                |                                     |  |                              |  | 48,069                        |                              |   |                      |
| 2007<br>2008 | 95<br>69               | 150<br>152                  | 18,838<br>18,666       | 5,630<br>5,464           | 1,066<br>1,774   | 37,810<br>36,410               | 2,539<br>1,746       | 3,914<br>3,689     | 69,798<br>67,748   | 0                                |                                     |  |                              |  | 48,697<br>49,187              |                              |   |                      |
| 2009         | 79                     | 140                         | 18,468                 | 6,525                    | 1,774            | 36,902                         | 968                  | R 2,650            | R 67,307           | 0                                |                                     |  |                              |  | 47,567                        |                              |   |                      |
| 2010         | 77                     | 130                         | 19,089                 | 4,314                    | 1,596            | 36,523                         | 1,696                | R 2,562            | R 65,781           | 0                                |                                     |  |                              |  | 46,026                        |                              |   |                      |
| 2011         | 77                     | 139                         | 19,057                 | 4,495                    | R 1,670          | 35,307                         | 1,115                | R 2.550            | H 64.194           | 0                                |                                     |  |                              |  | 47,171                        |                              |   |                      |
| 2012         | 75                     | 134                         | 18,757                 | 4,492                    | 1,533            | 34,508                         | 929                  | H 2,478            | R 62,697           | 0                                |                                     |  |                              |  | 46,689                        |                              |   |                      |
| 2013         | 85                     | <sup>R</sup> 138            | 18,241                 | 4,567                    | 1,612            | R 35,040                       | 730                  | R 2,507            | R 62,697           | 0                                |                                     |  |                              |  | 47,641                        |                              |   |                      |
| 2014         | 109                    | 130                         | 19,166                 | 4,620                    | 1,618            | 35,453                         | 174                  | 2,548              | 63,578             | 0                                |                                     |  |                              |  | 47,335                        |                              |   |                      |
|              |                        |                             |                        |                          |                  |                                |                      |                    | Trillion Btu       | ı                                |                                     |  |                              |  |                               |                              |   |                      |
| 1960         | 8.9                    | 31.2                        | 63.9                   | 2.1                      | 4.6              | 85.9                           | 34.9                 | 21.1               | 212.6              | 0.8                              | 56.1                                | NA   | NA                           | NA   | 46.4                          | 356.1                        | 114.7                                   | 470.8                |
| 1965         | 7.1                    | 59.9                        | 76.2                   | 4.5                      | 3.7              | 104.2                          | 32.2                 | 27.5               | 248.3              | 0.6                              | 57.6                                | NA   | NA                           | NA   | 64.5                          | 438.0                        | 153.9                                   | 591.8                |
| 1970         | 3.0                    | 98.5                        | 75.2                   | 11.8                     | 4.8              | 131.1                          | 41.6                 | 30.0               | 294.4              | 0.8                              | 57.0                                |  | NA                           | NA   | 87.5                          | 541.2                        | 211.7                                   | 752.9                |
| 1975         | 2.7                    | 114.2                       | 77.1                   | 11.7                     | 2.7              | 151.8                          | 27.2                 | 35.9               | 306.5              | 0.4                              | 57.7                                |  | NA                           | NA   | 113.6                         | 595.1                        | 272.6                                   | 867.7                |
| 1980         | 4.2                    | 82.0                        | 97.0                   | 13.9                     | 5.1              | 160.3                          | 28.4                 | 29.1               | 333.8              | 0.3                              |                                     |  | NA                           | NA   | 129.1                         | 634.9                        | 310.2                                   | 945.1                |
| 1985<br>1990 | 3.1                    | 85.5                        | 87.5                   | 12.1<br>18.8             | 5.6<br>5.1       | 152.6<br>166.7                 | 31.2<br>27.9         | 28.9<br>35.3       | 317.9<br>345.9     | 0.3                              |                                     |  | NA<br>0.4                    | NA   | 122.7<br>146.6                | 633.0<br>649.5               | 280.9<br>328.7                          | 914.0<br>978.2       |
| 1990         | 1.5<br>2.8             | 104.1<br>132.4              | 92.3<br>96.1           | 29.0                     | 5.1              | 177.5                          | 27.9                 | 28.4               | 359.3              | 0.0                              |                                     |  | 0.4<br>0.4                   | 0.3<br>0.5                                 | 156.0                         | 690.2                        | 328.7<br>351.2                          | 1,041.4              |
| 2000         | 0.0                    | 160.3                       | 107.2                  | 35.6                     | 4.9              | 187.6                          | 9.2                  | 35.3               | 379.8              | 0.0                              |                                     |  | 0.8                          | 0.7  | 171.7                         | 752.9                        | 364.4                                   | 1,117.3              |
| 2001         | 0.0                    | 151.4                       | 100.3                  | 29.6                     | 3.8              | 188.5                          | 8.6                  | 22.7               | 353.4              | 0.0                              |                                     |  | 0.9                          | 0.7  | 156.6                         | 709.0                        | 319.1                                   | 1,028.1              |
| 2002         | 1.1                    | 150.0                       | 103.3                  | 29.3                     | 4.9              | 192.3                          | 11.1                 | 28.7               | 369.6              | 0.0                              |                                     |  | 0.9                          | 0.7  | 154.4                         | 717.6                        | 306.1                                   | 1,023.7              |
| 2003         | 1.5                    | 139.1                       | 92.6                   | 31.7                     | 5.1              | 190.1                          | 12.2                 | 28.3               | 359.9              | 0.0                              |                                     |  | 0.9                          | 0.7  | 154.2                         | 692.2                        | 309.6                                   | 1,001.9              |
| 2004         | 1.4                    | 147.5                       | 103.3                  | 28.9                     | 3.8              | 191.5                          | 13.0                 | 30.3               | 370.8              | 0.0                              |                                     |  | 0.9                          | 0.8  | 155.7                         | 721.3                        | 278.7                                   | 1,000.0              |
| 2005         | 0.2                    | 149.8                       | 103.3                  | 30.6                     | 4.9              | 194.9                          | 13.7                 | 30.8               | 378.2              | 0.0                              |                                     |  | 1.0                          | 0.8  | 158.4                         | 726.8                        | 309.6                                   | 1,036.4              |
| 2006         | 2.7                    | 152.7                       | 107.8                  | 32.7                     | 4.1              | 197.0                          | 13.0                 | 31.2               | 385.8              | 0.0                              |                                     | 0.0  | 1.0                          | 1.0  | 164.0                         | 746.3                        | 325.8                                   | 1,072.1              |
| 2007         | 2.3                    | 155.4                       | 109.0                  | 31.9                     | 4.0              | 194.9                          | 16.0                 | 25.0               | 380.8              | 0.0                              |                                     |  | 1.0                          | R 1.3                                      | 166.2                         | 749.5                        | 313.2                                   | 1,062.7              |
| 2008         | 1.7                    | 155.6                       | 107.9                  | 31.0                     | 6.6              | 186.6                          | 11.0                 | 23.5<br>R 16.8     | 366.6<br>B 201.6   | 0.0                              |                                     |  | 1.0                          | 1.5  | 167.8                         | R 737.4                      | 310.3                                   | 1,047.7              |
| 2009         | 1.9                    | 143.7                       | 106.8                  | 37.0                     | 6.7              | 188.2                          | 6.1<br>10.7          | R 16.2             | R 361.6<br>R 353.1 | 0.0                              | 43.8<br>41.6                        |  | 1.1                          | 1.8  | 162.3                         | R 719.3<br>R 690.7           | 294.4<br>284.3                          | R 1,013.7<br>R 975.1 |
| 2010<br>2011 | 1.9<br>1.8             | 131.5<br>142.3              | 110.3<br>110.1         | 24.5<br>25.5             | 6.0<br>R 6.2     | 185.5<br>178.9                 | 7.0                  | R 16.2             | R 343.9            | 0.0                              |                                     |  | 1.1<br>1.3                   | 2.2<br>R 2.8                               | 157.0<br>160.9                | R 695.3                      | 284.3<br>307.2                          | R 1,002.5            |
| 2012         | 1.7                    | 137.4                       | 108.3                  | 25.5                     | 5.7              | 174.7                          | 5.8                  | R 15.8             | R 335.8            | 0.0                              | R 44 8                              | 21   | 1.2                          | R 3.1                                      | 159.3                         | R 685.5                      | 289.6                                   | R 975.0              |
| 2013         | 2.0                    | R 139.5                     | 105.3                  | 25.9                     | 6.0              | R 177.4                        | 4.6                  | R 15.7             | R 334.9            | 0.0                              |                                     | 2.2  | 1.2                          | R 3.3                                      | 162.6                         | R 698.3                      | 293.6                                   | R 991.9              |
| 2014         | 2.5                    | 132.8                       | 110.7                  | 26.2                     | 6.0              | 179.4                          | 1.1                  | 16.0               | 339.3              | 0.0                              |                                     | 2.3  | 1.2                          | 3.4  | 161.5                         | 694.7                        | 292.5                                   | 987.1                |

<sup>&</sup>lt;sup>a</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

blended into motor gasoline that is not included in the motor gasoline column. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

<sup>&</sup>lt;sup>b</sup> Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."

<sup>&</sup>lt;sup>C</sup> Liquefied petroleum gases, includes ethane and olefins.

d Beginning in 1993, includes fuel ethanol blended into motor gasoline.

e Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

f Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

<sup>9</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

<sup>&</sup>lt;sup>h</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

i Losses and co-products from the production of fuel ethanol.

j Beginning in 2009, includes wind energy consumed by the commercial and industrial sectors. For 1981 through 1992, includes fuel ethanol

k Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

<sup>-- =</sup> Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Total end-use consumption estimates are the sum of the consumption estimates for the residential, commercial, industrial, and transportation sectors. • Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. • See the Technical Notes for each type of energy.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2014, Oregon

| C            |                      | 1                           |                        |            | oleum        |                                  | Biomass           | 1                       |                         |                                |                              |                      |   |
|--------------|----------------------|-----------------------------|------------------------|------------|--------------|----------------------------------|-------------------|-------------------------|-------------------------|--------------------------------|------------------------------|----------------------|---|
|              | Coal a               | Natural<br>Gas <sup>b</sup> | Distillate<br>Fuel Oil | Kerosene   | LPG °        | Total                            | Wood <sup>d</sup> |                         |                         | Retail<br>Electricity<br>Sales |                              | Electrical<br>System |   |
|              | housand<br>nort Tons | Billion<br>Cubic Feet       |                        | Thousan    | nd Barrels   |                                  | Thousand<br>Cords | Geothermal <sup>e</sup> | Solar/PV <sup>e,f</sup> | Million<br>Kilowatthours       | Net<br>Energy <sup>e,g</sup> | Energy<br>Losses h   | Total <sup>e,g</sup>  |
| 1960         | 94                   | 7                           | 2 865                  | 1          | 400          | 3 265                            | 922               |                         |                         | 5 263                          |                              |                      |   |
| 1960<br>1965 | 94<br>73<br>18       | 11                          | 2,865<br>3,382         | 5          | 619          | 3,265<br>4,006                   | 661               |                         |                         | 5,263<br>7,169                 |                              |                      |   |
| 1970         | 18                   | 20                          | 3.101                  | 65         | 684          | 3,850<br>2,723<br>2,508<br>2,756 | 460               |                         |                         | 9.850                          |                              |                      |   |
| 1975         | 4                    | 29                          | 2,390                  | 48         | 286          | 2,723                            | 489               |                         |                         | 12,096                         |                              |                      |   |
| 1980         | 4                    | 18                          | 2,019                  | 37         | 452          | 2,508                            | 310               |                         |                         | 13,545<br>14,526               |                              |                      |   |
| 1985<br>1990 | (0)                  | 21                          | 2,308<br>1,592         | 41         | 407<br>299   | 2,756<br>1,904                   | 530<br>391        |                         |                         | 15,380                         |                              |                      |   |
| 1995         | (s)<br>(s)<br>0      | 23<br>28                    | 1,276                  | 13<br>26   | 385          | 1,687                            | 495               |                         |                         | 16,315                         |                              |                      |   |
| 1996         | (3)                  | 33                          | 1,206                  | 40         | 365          | 1,611                            | 514               |                         |                         | 17,285                         |                              |                      |   |
| 1997         |                      | 33                          | 1,072                  | 34         | 310          | 1,416                            | 438               |                         |                         | 17.185                         |                              |                      |   |
| 1998         | (s)<br>0             | 33<br>34                    | 956                    | 66         | 381          | 1.403                            | 389               |                         |                         | 17,529<br>18,058               |                              |                      |   |
| 1999<br>2000 | (s)                  | 39<br>39                    | 1,089                  | 81         | 429          | 1,599                            | 400               |                         |                         | 18,058                         |                              |                      |   |
| 2000         | 0                    | 39                          | 983                    | 186        | 492          | 1,660                            | 430               |                         |                         | 18,212                         |                              |                      |   |
| 2001<br>2002 | 0                    | 38<br>39<br>37              | 1,053<br>971           | 173<br>110 | 547<br>647   | 1,773<br>1,728                   | 703<br>714        |                         |                         | 17,503<br>17,554               |                              |                      |   |
| 2002         | 0                    | 39                          | 901                    | 76         | 693          | 1,669                            | 714<br>751        |                         |                         | 17,736                         |                              |                      |   |
| 2004         | ő                    | 39                          | 760                    | 93         | 313          | 1 167                            | 770               |                         |                         | 18,001                         |                              |                      |   |
| 2004<br>2005 | Ŏ                    | 39<br>40                    | 760<br>623             | 93<br>76   | 313<br>684   | 1,167<br>1,383                   | 495               |                         |                         | 18,339                         |                              |                      |   |
| 2006<br>2007 | 0                    | 41                          | 649                    | 51         | 525<br>505   | 1,226<br>1,071                   | 439               |                         |                         | 18.978                         |                              |                      |   |
| 2007         | 0                    | 43                          | 558<br>666             | 8          | 505          | 1,071                            | 486               |                         |                         | 19,374                         |                              |                      |   |
| 2008         | 0                    | 45                          | 666                    | 11         | 644          | 1,320                            | 543               |                         |                         | 19,910                         |                              |                      |   |
| 2009         | 0                    | 45                          | 545                    | 61         | 775          | 1,381<br>1,113<br>R 1,091        | 796               |                         |                         | 19,804<br>18,839               |                              |                      |   |
| 2010<br>2011 | 0                    | 41<br>47                    | 429<br>405             | 60<br>63   | 624<br>R 624 | 1,113<br>R 1 001                 | 695<br>710        |                         |                         | 19,429                         |                              |                      |   |
| 2012         | ő                    | 43                          | 369                    | 31         | 487          | 887                              | 663               |                         |                         | 18 855                         |                              |                      |   |
| 2013         | ŏ                    | 46                          | 369<br>355             | 24         | 606          | 985                              | 916               |                         |                         | 18,855<br>19,329               |                              |                      |   |
| 2014         | 0                    | 41                          | 293                    | 27         | 632          | 952                              | 916               |                         |                         | 18,618                         |                              |                      |   |
|              |                      |                             |                        |            |              |                                  | Trillion Btu      |                         |                         |                                |                              |                      |   |
| 1960         | 2.3                  | 7.0                         | 16.7                   | (s)        | 1.5          | 18.2                             | 18.4              | NA                      | NA                      | 18.0                           | 64.0                         | 44.4                 | 108.4   |
| 1965<br>1970 | 1.8                  | 11.6                        | 19.7                   | (s)        | 2.4          | 22.1                             | 13.2              | NA                      | NA                      | 24.5                           | 73.2                         | 58.4                 | 131.6   |
| 1970         | 0.4                  | 20.6<br>29.9                | 18.1                   | 0.4        | 2.6          | 21.1                             | 9.2               | NA                      | NA                      | 33.6                           | 84.9                         | 81.3                 | 166.2   |
| 1975         | 0.1                  | 29.9<br>19.2                | 13.9                   | 0.3        | 1.1          | 15.3                             | 9.8               | NA<br>NA                | NA                      | 41.3                           | 96.3<br>85.4                 | 99.0<br>111.0        | 195.3   |
| 1980<br>1985 | 0.1<br>(s)           | 22.1                        | 11.8<br>13.4           | 0.2<br>0.2 | 1.7<br>1.6   | 13.7<br>15.2                     | 6.2<br>10.6       | NA<br>NA                | NA<br>NA                | 46.2<br>49.6                   | 97.5                         | 113.5                | 196.5<br>211.1  |
| 1990         | (8)                  | 23.9                        | 9.3                    | 0.1        | 1.1          | 10.5                             | 7.8               | 0.1                     | 0.3                     | 52.5                           | 95.1                         | 117.6                | 212.7   |
| 1990<br>1995 | (s)<br>(s)           | 29.3                        | 9.3<br>7.4             | 0.1        | 1.5          | 10.5<br>9.0                      | 9.9               | 0.1                     | 0.5                     | 52.5<br>55.7                   | 104.6                        | 125.3                | 229.9   |
| 1996<br>1997 | 0.0                  | 34.7                        | 7.0                    | 0.2        | 1.4          | 8.6                              | 10.3              | 0.1                     | 0.6                     | 59.0                           | 113.3                        | 124.6                | 229.9<br>237.9  |
| 1997         | (s)<br>0.0           | 34.2                        | 6.2                    | 0.2        | 1.2          | 7.6                              | 8.8               | 0.1                     | 0.6                     | 58.6                           | 109.9                        | 125.5                | 235.4   |
| 1998<br>1999 | 0.0                  | 36.1<br>40.9                | 5.6<br>6.3             | 0.4<br>0.5 | 1.5<br>1.6   | 7.4<br>8.4                       | 7.8<br>8.0        | 0.1                     | 0.6<br>0.7              | 59.8<br>61.6                   | 111.9                        | 125.1<br>130.1       | 237.0<br>250.0  |
| 1999         | (s)<br>0.0           | 40.9                        | 6.3                    | 0.5        | 1.6          | 8.4                              | 8.0               | 0.2                     |                         | 61.6                           | 119.8                        | 130.1                | 250.0   |
| 2000<br>2001 | 0.0                  | 39.9                        | 5.7<br>6.1             | 1.1<br>1.0 | 1.9<br>2.1   | 8.7<br>9.2                       | 8.6               | 0.3<br>0.3              | 0.7<br>0.7              | 62.1<br>59.7                   | 120.2                        | 131.8<br>121.7       | 252.1   |
| 2001         | 0.0                  | 39.4<br>39.8                | 5.7                    | 0.6        | 2.1          | 9.2<br>8.8                       | 14.1<br>14.3      | 0.3                     | 0.7                     | 59.7<br>59.9                   | 123.3<br>123.8               | 118.7                | 245.1<br>242.5  |
| 2002         | 0.0                  | 37.6                        | 5.7                    | 0.4        | 2.3          | 8.3                              | 15.0              | 0.3                     | 0.7                     | 60.5                           | 123.0                        | 121.5                | 242.3   |
| 2003<br>2004 | 0.0                  | 37.6<br>38.9                | 5.2<br>4.4             | 0.5        | 2.7<br>1.2   | 8.3<br>6.2<br>6.7                | 15.0<br>15.4      | 0.3<br>0.3              | 0.8                     | 60.5<br>61.4                   | 122.4<br>122.9               | 121.5<br>109.9       | 244.0<br>232.8<br>243.8   |
| 2005         | 0.0                  | 41.2                        | 3.6                    | 0.4        | 2.6          | 6.7                              | 9.9               | 0.3                     | 0.8                     | 62.6                           | 121.5                        | 122.3                | 243.8   |
| 2006<br>2007 | 0.0                  | 42.5<br>44.3                | 3.8<br>3.2             | 0.3        | 2.0          | 6.1                              | 8.8               | 0.3<br>0.3              | _ 1.0                   | 64.8<br>66.1                   | 123.4<br>R 126.9             | 128.6<br>124.6       | 252.0<br>251.5  |
| 2007         | 0.0                  | 44.3                        | 3.2                    | (s)        | 1.9          | 5.2                              | 9.7               | 0.3                     | R 1.3                   | 66.1                           | H 126.9                      | 124.6                | 251.5   |
| 2008<br>2009 | 0.0<br>0.0           | 46.2<br>46.0                | 3.8<br>3.2             | 0.1<br>0.3 | 2.5<br>3.0   | 6.4<br>6.5                       | 10.9<br>15.9      | 0.3<br>0.3              | 1.5<br>1.8              | 67.9<br>67.6                   | 133.2<br>138.0               | 125.6<br>122.6       | 258.8   |
| 2009<br>2010 | 0.0                  | 46.0<br>41.1                | 3.2<br>2.5             | 0.3<br>0.3 | 3.0          | 0.5<br>5.2                       | 15.9<br>13.9      | 0.3<br>0.4              | 1.8<br>2.2              | 67.6<br>64.3                   | 138.0<br>127.1               | 122.6<br>116.4       | 200.0<br>R 242.5  |
| 2010         | 0.0                  | 47.6                        | 2.3                    | 0.4        | 2.4<br>R 2.4 | 5.2<br>R 5.1                     | 14.2              | 0.4                     | 2.2<br>R 2.8            | 66.3                           | 136.4                        | 126.5                | R 262 9   |
| 2012         | 0.0                  | 44.3                        | 2.1                    | 0.2        | 1.9          | 4.2                              | 13.3              | 0.4                     | R 3.1                   | 64,3                           | 129.5                        | 126.5<br>116.9       | R 246.5   |
| 2013         | 0.0                  | H 46.6                      | 2.1<br>2.1             | 0.1        | 2.3          | 4.2<br>4.5<br>4.3                | 13.3<br>18.3      | 0.4<br>0.4              | R 3.1<br>R 3.3<br>3.4   | 66.3<br>64.3<br>65.9           | 139.0                        | 119.1                | 251.3<br>258.8<br>260.6<br>R 243.5<br>R 262.9<br>R 246.5<br>258.1 |
| 2014         | 0.0                  | 42.1                        | 1.7                    | 0.2        | 2.4          | 4.3                              | 18.3              | 0.4                     | 3.4                     | 63.5                           | 131.9                        | 115.0                | 247.0   |

<sup>a Beginning in 2008, data are no longer collected and are assumed to be zero.
b Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
c Liquefied petroleum gases, includes ethane and olefins.
d Wood and wood-derived fuels.
e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
f Solar thermal and photovoltaic energy. Includes distributed solar thermal and photovoltaic energy used in the commercial and industrial sectors.</sup> commercial and industrial sectors.

<sup>&</sup>lt;sup>9</sup> Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

h Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

<sup>-- =</sup> Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05. Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2014, Oregon

|              |                        |                             |                        |                | Pe                | troleum  |                      |                |  | Biomass                     |                         |                                |                              |                      |                      |
|--------------|------------------------|-----------------------------|------------------------|----------------|-------------------|--|----------------------|----------------|--|-----------------------------|-------------------------|--------------------------------|------------------------------|----------------------|----------------------|
|              | Coal                   | Natural<br>Gas <sup>a</sup> | Distillate<br>Fuel Oil | Kerosene       | LPG b             | Motor<br>Gasoline <sup>c</sup>                                 | Residual<br>Fuel Oil | Total d        | Hydro-<br>electric<br>Power <sup>e,f</sup> | Wood                        |                         | Retail<br>Electricity<br>Sales |                              | Electrical<br>System |                      |
| Year         | Thousand<br>Short Tons | Billion<br>Cubic Feet       |                        |                | Thous             | and Barrels  |                      |                | Million<br>Kilowatthours                   | and<br>Waste <sup>f,g</sup> | Geothermal <sup>f</sup> | Million<br>Kilowatthours       | Net<br>Energy <sup>f,h</sup> | Energy<br>Losses i   | Total <sup>f,h</sup> |
| 1960         | 66                     | 3<br>6                      | 1,485                  | (s)<br>4       | 197               | 139  | 991                  | 2,811          | NA   |                             |                         | 3,083                          |                              |                      |                      |
| 1965<br>1970 | 55<br>14               | 6<br>11                     | 1,752<br>1,607         | 4<br>46        | 305<br>337        | 206<br>249   | 1,046<br>1,326       | 3,313<br>3,565 | NA<br>NA                                   |                             |                         | 4,557<br>6,674                 |                              |                      |                      |
| 1975         | 10                     | 16<br>15                    | 1,238                  | 34             | 141               | 218  | 962                  | 2,593          | NA   |                             |                         | 8,804                          |                              |                      |                      |
| 1980<br>1985 | 13<br>2                | 15<br>19                    | 1,792                  | 37<br>26       | 223<br>201        | 291<br>231   | 876                  | 3,219          | NA<br>NA                                   |                             |                         | 10,456<br>10,340               |                              |                      |                      |
| 1985         | 2                      | 20                          | 1,345<br>1,192         | 26<br>8        | 147               | 272  | 191<br>283           | 1,993<br>1,903 | NA<br>0                                    |                             |                         | 12,091                         |                              |                      |                      |
| 1995         | 1                      | 22                          | 1.061                  | 14             | 190               | 33   | 87                   | 1,384          | ŏ  |                             |                         | 13.558                         |                              |                      |                      |
| 1996         | 0                      | 26<br>25<br>26              | 911                    | 38<br>22<br>63 | 180               | 33<br>30<br>30   | 83                   | 1,243          | 0  |                             |                         | 14,085                         |                              |                      |                      |
| 1997<br>1998 | 0                      | 25<br>26                    | 951<br>994             | 63             | 152<br>188        | 30   | 48<br>72             | 1,204<br>1,346 | 0  |                             |                         | 14,477<br>14,724               |                              |                      |                      |
| 1999         | (s)                    | 29<br>29<br>28              | 834<br>994             | 31<br>28<br>73 | 211               | 30<br>29<br>31   | 48                   | 1,153<br>1,355 | 0  |                             |                         | 15,347<br>15,730               |                              |                      |                      |
| 2000<br>2001 | 0                      | 29                          | 994<br>1,204           | 28             | 242<br>269        | 29   | 61<br>50             | 1,355<br>1,627 | 0  |                             |                         | 15,730<br>15,263               |                              |                      |                      |
| 2001         | 0                      | 28                          | 1,204                  | 46             | 319               | 31   | 64                   | 1,487          | 0  |                             |                         | 15,370                         |                              |                      |                      |
| 2003         | Ö                      | 28<br>26                    | 1,027<br>529           | 46<br>23       | 398               | 31   | 64<br>53             | 1,034          | Ö  |                             |                         | 15,483                         |                              |                      |                      |
| 2004<br>2005 | 0                      | 26                          | 592<br>516             | 45<br>61       | 150<br>260        | 31   | 55<br>49             | 873<br>917     | 0  |                             |                         | 15,667<br>15,380               |                              |                      |                      |
| 2005         | 0                      | 28<br>28                    | 477                    | 42             | 250               | 64   | 49                   | 872            | 0  |                             |                         | 16,083                         |                              |                      |                      |
| 2007         | Ó                      | 29                          | 471                    | 13             | 244               | 32   | 32                   | 793            | Ō  |                             |                         | 16,187                         |                              |                      |                      |
| 2008<br>2009 | 0                      | 30                          | 589<br>720             | 10             | 375<br>360        | 32   | 41<br>36             | 1,047<br>1,166 | 0  |                             |                         | 16,313<br>15,978               |                              |                      |                      |
| 2010         | ő                      | 30<br>27                    | 743                    | 18<br>7        | 345               | 32   | 26                   | 1,154<br>R 946 | 0  |                             |                         | 15,454                         |                              |                      |                      |
| 2011         | 0                      | 30                          | 517                    | 11             | R 355             | 32   | 30                   | R 946          | 0  |                             |                         | 15.754                         |                              |                      |                      |
| 2012<br>2013 | 0                      | 29<br>31                    | 309<br>279             | 4 3            | 363<br>311        | 32<br>64<br>32<br>32<br>32<br>32<br>32<br>32<br>32<br>33<br>33 | 15<br>3              | 723<br>629     | 0  |                             |                         | 15,804<br>16,080               |                              |                      |                      |
| 2014         | ŏ                      | 28                          | 360                    | 4              | 291               | 32   | (s)                  | 687            | ő  |                             |                         | 16,039                         |                              |                      |                      |
|              |                        |                             |                        |                |                   |  |                      | Trillion Btu   |  |                             |                         |                                |                              |                      |                      |
| 1960<br>1965 | 1.6                    | 3.2<br>6.0                  | 8.6<br>10.2            | (s)<br>(s)     | 0.8<br>1.2        | 0.7  | 6.2<br>6.6           | 16.4           | NA<br>NA                                   | 0.3<br>0.3                  | NA                      | 10.5                           | 32.1<br>42.2                 | 26.0<br>37.1         | 58.1<br>79.3         |
| 1965         | 1.4<br>0.3             | 11.9                        | 9.4                    | (s)<br>0.3     | 1.2               | 1.1<br>1.3   | 8.3                  | 19.1<br>20.6   | NA<br>NA                                   | 0.3                         | NA<br>NA                | 15.5<br>22.8                   | 42.2<br>55.7                 | 55.1                 | 79.3<br>110.8        |
| 1975         | 0.2                    | 16.5<br>15.9                | 7.2                    | 0.2<br>0.2     | 1.3<br>0.5<br>0.9 | 1.1  | 6.0<br>5.5           | 15.1           | NA   | 0.2                         | NA                      | 30.0                           | 62.1                         | 72.1<br>85.7         | 134.1                |
| 1980<br>1985 | 0.3<br>0.1             | 15.9<br>19.6                | 10.4<br>7.8            | 0.2<br>0.1     | 0.9<br>0.8        | 1.5<br>1.2   | 5.5<br>1.2           | 18.5<br>11.2   | NA<br>NA                                   | 0.2<br>0.3                  | NA<br>NA                | 35.7<br>35.3                   | 70.5<br>66.4                 | 85.7<br>80.8         | 156.3<br>147.2       |
| 1990         |                        | 20.9                        | 6.9                    |                | 0.6               | 1.4  | 1.8                  | 10.8           | 0.0  | 2.0                         | 0.2                     | 41.3                           | 75.2                         | 92.5                 | 167.7                |
| 1995         | (s)<br>(s)<br>0.0      | 23.4                        | 6.2                    | (s)<br>0.1     | 0.7               | 0.2  | 0.5                  | 7.7            | 0.0  | 1.4                         | 0.2                     | 46.3                           | 79.0                         | 104.1                | 183.1                |
| 1996<br>1997 | 0.0                    | 26.7<br>26.8                | 5.3<br>5.5             | 0.2<br>0.1     | 0.7<br>0.6        | 0.2<br>0.2   | 0.5<br>0.3           | 6.9<br>6.7     | 0.0<br>0.0                                 | 1.4<br>1.5                  | 0.3<br>0.2              | 48.1<br>49.4                   | 83.3<br>84.6                 | 101.5<br>105.7       | 184.8<br>190.3       |
| 1998         | (s)<br>0.0             | 27.3                        | 5.5<br>5.8             | 0.4            | 0.7               | 0.2  | 0.4                  | 7.5            | 0.0  | 1.3                         | 0.3                     | 50.2                           | 86.6                         | 105.1                | 191.7                |
| 1999         | (s)                    | 30.2                        | 4.9                    | 0.2            | 0.8               | 0.2  | 0.3                  | 6.3            | 0.0  | 1.3                         | 0.3                     | 52.4                           | 90.6                         | 110.6                | 201.2                |
| 2000<br>2001 | 0.ó<br>0.0             | 29.5<br>28.7                | 5.8<br>7.0             | 0.2<br>0.4     | 0.9<br>1.0        | 0.2<br>0.2   | 0.4<br>0.3           | 7.4<br>8.9     | 0.0<br>0.0                                 | 1.4<br>2.5                  | 0.4<br>0.4              | 53.7<br>52.1                   | 92.4<br>92.6                 | 113.9<br>106.1       | 206.2<br>198.7       |
| 2002         | 0.0                    | 28.4                        | 6.0                    | 0.3            | 1.2               | 0.2<br>0.2   | 0.4                  | 8.0            | 0.0  | 2.5                         | 0.4                     | 52.4                           | 91.8                         | 104.0                | 195.8                |
| 2003         | 0.0                    | 26.3                        | 3.1                    | 0.1<br>0.3     | 1.5<br>0.6        | 0.2  | 0.3                  | 5.2            | 0.0<br>0.0                                 | 2.6                         | 0.5<br>0.5              | 52.8<br>53.5                   | 87.5                         | 106.1<br>95.7        | 193.6                |
| 2004<br>2005 | 0.0<br>0.0             | 26.4<br>28.6                | 3.4<br>3.0             | 0.3            | 1.0               | 0.2<br>0.2   | 0.3<br>0.3           | 4.8<br>4.8     | 0.0  | 2.6<br>1.6                  | 0.5                     | 53.5<br>52.5                   | 87.8<br>88.1                 | 95.7<br>102.6        | 183.4<br>190.6       |
| 2006         | 0.0                    | 28.8                        | 2.8                    | 0.2            | 1.0               | 0.3  | 0.2                  | 4.5<br>4.1     | 0.0  | 1.5                         | 0.5<br>0.5              | 54.9                           | 90.3                         | 109.0                | 199.3                |
| 2007<br>2008 | 0.0<br>0.0             | 30.0<br>31.2                | 2.7<br>3.4             | 0.1<br>0.1     | 0.9               | 0.2<br>0.2   | 0.2<br>0.3           | 4.1<br>5.3     | 0.0<br>0.0                                 | 1.7<br>1.9                  | 0.5<br>0.5              | 55.2<br>55.7                   | 91.5<br>94.6                 | 104.1<br>102.9       | 195.6<br>197.5       |
| 2008         | 0.0                    | 30.5                        | 4.2                    | 0.1            | 1.4<br>1.4        | 0.2  | 0.2                  | 6.0            | 0.0  | 2.5                         | 0.6                     | 54.5                           | 94.1                         | 98.9                 | 193.0                |
| 2010         | 0.0                    | 27.5                        | 4.3                    | (s)            | 1.3               | 0.2  | 0.2                  | 6.0            | 0.0  | 2.5                         | 0.6                     | 52.7                           | 89.2                         | 95.5                 | 184.7                |
| 2011<br>2012 | 0.0<br>0.0             | 31.0<br>29.5                | 3.0<br>1.8             | 0.1<br>(s)     | 1.4<br>1.4        | 0.2<br>0.2   | 0.2<br>0.1           | 4.8<br>3.5     | 0.0<br>0.0                                 | 2.4<br>2.1                  | 0.7<br>0.7              | 53.8<br>53.9                   | 92.7<br>89.6                 | 102.6<br>98.0        | 195.3<br>187.6       |
| 2013         | 0.0                    | 30.8                        | 1.6                    | (s)            | 1.4<br>1.2<br>1.1 | 0.2  | (s)                  | 3.0            | 0.0<br>0.0<br>0.0                          | 2.4                         | 0.7                     | 54.9                           | R 91.7                       | 99.1                 | R 190.8              |
| 2014         | 0.0                    | 29.0                        | 2.1                    | (s)            | 1.1               | 0.2  | (s)                  | 3.4            | 0.0  | 2.4                         | 0.7                     | 54.7                           | 90.2                         | 99.1                 | 189.3                |

<sup>&</sup>lt;sup>a</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

b Liquefied petroleum gases, includes ethane and olefins.

<sup>&</sup>lt;sup>c</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.

d Includes small amounts of petroleum coke not shown separately.

<sup>&</sup>lt;sup>e</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be

There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
 Distributed solar thermal and photovoltaic energy consumed in the commercial sector is included in residential consumption. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2008, includes small amounts of solar and wind energy consumed by commercial plants with capacity of 1 megawatt or greater. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which

Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

<sup>- – =</sup> Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

|              |                        |                             |                        |                  | Petro                          | leum                 |                    |                    |  | Bior                             | nass                            |                              |                                |                              |   | _                    |
|--------------|------------------------|-----------------------------|------------------------|------------------|--------------------------------|----------------------|--------------------|--------------------|--|----------------------------------|---------------------------------|------------------------------|--------------------------------|------------------------------|---|----------------------|
|              | Coal                   | Natural<br>Gas <sup>a</sup> | Distillate<br>Fuel Oil | LPG b            | Motor<br>Gasoline <sup>c</sup> | Residual<br>Fuel Oil | Other d            | Total              | Hydro-<br>electric<br>Power <sup>e,f</sup> |                                  |                                 |                              | Retail<br>Electricity<br>Sales |                              | Electrical                              |                      |
| Year         | Thousand<br>Short Tons | Billion<br>Cubic Feet       |                        |                  | Thousand                       | d Barrels            |                    |                    | Million<br>kWh                             | Wood and<br>Waste <sup>f,g</sup> | Losses<br>and Co-<br>products h | Geo-<br>thermal <sup>f</sup> | Million<br>kWh                 | Net<br>Energy <sup>f,i</sup> | System<br>Energy<br>Losses <sup>j</sup> | Total <sup>f,i</sup> |
| 1960         | 217                    | 20                          | 3,723                  | 558              |                                | 3,411                | 2,473              | 11,244             | 77   |                                  |                                 |                              | 5,247                          |                              |   |                      |
| 1965<br>1970 | 175<br>109             | 39<br>58                    | 4,287<br>3,413         | 33<br>212        |                                | 3,398<br>4,217       | 3,735<br>3,930     | 12,262<br>12,495   | 61<br>77                                   |                                  |                                 |                              | 7,167<br>9,123                 |                              |   |                      |
| 1975         | 116                    | 56<br>57                    | 2,827                  | 287              | 560                            | 2,922                | 4,945              | 11,541             | 40   |                                  |                                 |                              | 12,402                         |                              | ==                                      |                      |
| 1980         | 213                    | 39                          | 3,992                  | 614              | 417                            | 2,528                | 3,785              | 11,337             | 28   |                                  |                                 |                              | 13,847                         |                              |   |                      |
| 1985<br>1990 | 170<br>82              | 38<br>49                    | 2,475<br>2.537         | 728<br>755       | 482<br>425                     | 1,679<br>447         | 3,854<br>4,897     | 9,219<br>9,060     | 28<br>0                                    |                                  |                                 |                              | 11,081<br>15,498               |                              | ==                                      | ==                   |
| 1990         | 147                    | 69                          | 3,556                  | 850              |                                | 325                  | 3,774              | 9,000              | 0  |                                  |                                 |                              | 15,839                         |                              |   |                      |
| 1996         | 90                     | 88                          | 2,553                  | 983              | 565                            | 134                  | 3,784              | 8,020              | Ō  |                                  |                                 |                              | 17,029                         |                              |   |                      |
| 1997<br>1998 | 95                     | 90                          | 2,813                  | 370              |                                | 166                  | 3,801              | 7,735              | 0  | ==                               | ==                              |                              | 16,880                         |                              |   |                      |
| 1998         | 37<br>0                | 103<br>108                  | 2,633<br>2,719         | 203<br>516       |                                | 139<br>144           | 6,059<br>6,527     | 9,726<br>10,302    | 0  |                                  |                                 |                              | 14,640<br>14,106               |                              |   |                      |
| 2000         | Ō                      | 76                          | 3,602                  | 523              | 403                            | 138                  | 4,678              | 9,345              | Ö  |                                  |                                 |                              | 16,353                         |                              |   |                      |
| 2001         | 0                      | 70                          | 3,020                  | 172              |                                | 134                  | 2,636              | 6,768              | 0  |                                  |                                 |                              | 13,084                         |                              |   |                      |
| 2002<br>2003 | 50<br>65               | 71<br>68                    | 2,949<br>2,003         | 318<br>152       |                                | 474<br>366           | 3,680<br>3,706     | 8,282<br>7,107     | 0  |                                  |                                 |                              | 12,296<br>11,961               |                              |   |                      |
| 2004         | 64                     | 72                          | 2,217                  | 477              | 1,041                          | 302                  | 3,974              | 8,011              | ő  |                                  |                                 |                              | 11,954                         |                              |   |                      |
| 2005         | 9                      | 70                          | 1,844                  | 163              | 968                            | 266                  | 4,040              | 7,281              | 0  |                                  |                                 |                              | 12,684                         |                              |   |                      |
| 2006<br>2007 | 109<br>95              | 70<br>69                    | 1,859<br>1,675         | 173<br>213       |                                | 468<br>328           | 4,112<br>3,223     | 7,630<br>6,307     | 0  |                                  |                                 |                              | 12,991<br>13,117               |                              |   |                      |
| 2007         | 69                     | 69<br>69                    | 2.153                  | 540              | 706                            | 220                  | 3,223              | 6 667              | 0  |                                  |                                 |                              | 12,945                         |                              |   |                      |
| 2009         | 79                     | 69<br>57                    | 2,087                  | 499              | 686                            | 161                  | 3,048<br>R 2,046   | R 5 /178           | Ö  |                                  |                                 |                              | 11,761                         |                              |   |                      |
| 2010         | 77                     | 56                          | 2,020                  | <sub>2</sub> 462 |                                | 96                   | R 1,922            | "5.2//             | 0  |                                  |                                 |                              | 11,708                         |                              |   |                      |
| 2011<br>2012 | 77<br>75               | 57<br>58                    | 2,545<br>2,526         | R 508<br>519     |                                | 163<br>109           | R 1,934<br>R 1,940 | R 6,125<br>R 5,905 | 0  |                                  |                                 |                              | 11,963<br>12,006               |                              |   |                      |
| 2013         | 85                     | 57                          | 2,033                  | 488              | R 868                          | 119                  | H 1,978            | H 5,487            | Ō  |                                  |                                 |                              | 12,210                         |                              |   |                      |
| 2014         | 109                    | 57                          | 2,471                  | 468              | 516                            | 60                   | 2,006              | 5,522              | 0  |                                  |                                 |                              | 12,654                         |                              |   |                      |
|              |                        |                             |                        |                  |                                |                      |                    |                    | lion Btu                                   |                                  |                                 |                              |                                |                              |   |                      |
| 1960<br>1965 | 4.9<br>3.9             | 20.9<br>41.5                | 21.7<br>25.0           | 2.3<br>0.1       | 5.7<br>4.2                     | 21.4<br>21.4         | 16.0<br>23.6       | 67.1<br>74.3       | 0.8<br>0.6                                 | 37.3<br>44.1                     | NA<br>NA                        | NA<br>NA                     | 17.9<br>24.5                   | 149.0<br>189.0               | 44.3<br>58.4                            | 193.3<br>247.3       |
| 1970         | 2.3                    | 60.3                        | 19.9                   | 0.1              |                                | 26.5                 | 24.9               | 75.8               | 0.8  | 47.6                             | NA<br>NA                        | NA<br>NA                     | 31.1                           | 217.9                        | 75.3                                    | 293.2                |
| 1975         | 2.4                    | 59.6                        | 16.5                   | 1.0              | 2.9                            | 18.4                 | 31.6               | 70.4               | 0.4  | 47.8                             | NA                              | NA                           | 42.3                           | 222.9                        | 101.5                                   | 324.4                |
| 1980<br>1985 | 3.8<br>3.0             | 41.0<br>39.0                | 23.3<br>14.4           | 2.2<br>2.6       |                                | 15.9<br>10.6         | 24.2<br>24.9       | 67.7<br>55.0       | 0.3<br>0.3                                 |                                  | NA<br>0.0                       | NA<br>NA                     | 47.2<br>37.8                   | 239.2<br>227.9               | 113.5<br>86.6                           | 352.7<br>314.5       |
| 1990         | 1.4                    | 50.1                        | 14.8                   | 2.7              | 2.2                            | 2.8                  | 31.2               | 53.7               | 0.0  |                                  | 0.0                             | 0.1                          | 52.9                           | 199.0                        | 118.6                                   | 317.5                |
| 1995         | 2.8                    | 72.0                        | 20.7                   | 3.0              | 2.7                            | 2.0                  | 24.3               | 52.8               | 0.0  | 27.5                             | 0.0                             | 0.1                          | 54.0                           | 209.2                        | 121.7                                   | 330.9                |
| 1996<br>1997 | 1.9<br>1.9             | 91.6<br>95.0                | 14.9<br>16.4           | 3.5<br>1.3       |                                | 0.8<br>1.0           | 24.4<br>24.6       | 46.5<br>46.4       | 0.0  |                                  | 0.0                             | 0.1<br>0.1                   | 58.1<br>57.6                   | 231.9<br>236.7               | 122.7<br>123.2                          | 354.7<br>360.0       |
| 1997         | 0.8                    | 107.9                       | 15.3                   | 0.7              |                                | 0.9                  | 38.9               | 59.5               | 0.0  |                                  | 0.0                             | 0.1                          | 50.0                           | 248.3                        | 104.5                                   | 352.8                |
| 1999         | 0.0                    | 114.5                       | 15.8                   | 1.8              | 2.1                            | 0.9                  | 41.4               | 62.0               | 0.0  | 26.3                             | 0.0                             | 0.1                          | 48.1                           | 251.1                        | 101.7                                   | 352.7                |
| 2000         | 0.0                    | 78.7                        | 21.0                   | 1.9              |                                | 0.9                  | 30.1               | 55.8               | 0.0  |                                  | 0.0                             | 0.1                          | 55.8                           | 220.1                        | 118.4                                   | 338.4                |
| 2001<br>2002 | 0.0<br>1.1             | 71.9<br>72.3                | 17.6<br>17.2           | 0.6<br>1.1       | 4.2<br>4.5                     | 0.8<br>3.0           | 17.1<br>24.0       | 40.3<br>49.8       | 0.0  | 29.5<br>24.1                     | 0.0                             | 0.2<br>0.2                   | 44.6<br>42.0                   | 186.6<br>189.4               | 91.0<br>83.2                            | 277.6<br>272.6       |
| 2003         | 1.5                    | 68.0                        | 11.7                   | 0.5              | 4.6                            | 2.3                  | 24.2               | 43.3               | 0.0  | 18.2                             | 0.0                             | 0.1                          | 40.8                           | 172.0                        | 81.9                                    | 253.9                |
| 2004         | 1.4                    | 72.3                        | 12.9                   | 1.7              |                                | 1.9                  | 26.1               | 48.0               | 0.0  |                                  | 0.0                             | 0.2                          | 40.8                           | 188.8                        | 73.0                                    | 261.8                |
| 2005<br>2006 | 0.2<br>2.7             | 72.2<br>72.6                | 10.7<br>10.8           | 0.6<br>0.6       |                                | 1.7<br>2.9           | 26.5<br>26.9       | 44.5<br>46.5       | 0.0<br>0.0                                 |                                  | 0.0<br>0.0                      | 0.2<br>0.2                   | 43.3<br>44.3                   | 187.2<br>195.1               | 84.6<br>88.1                            | 271.8<br>283.1       |
| 2007         | 2.7                    | 72.0                        | 9.7                    | 0.8              |                                | 2.9                  | 21.0               | 38.0               | 0.0  |                                  | 0.0                             | 0.2                          | 44.8                           | 187.5                        | 84.4                                    | 271.9                |
| 2008         | 1.7                    | 70.5                        | 12.4                   | 1.9              | 3.6                            | 1.4                  | 10.0               | 39.2               | 0.0  | 26.1                             | 4.2                             | 0.2                          | 44.2                           | 186.0                        | 81.7                                    | 267.7                |
| 2009<br>2010 | 1.9<br>1.9             | 58.8<br>56.3                | 12.1                   | 1.7              |                                | 1.0<br>0.6           | R 13.3<br>R 12.5   | R 31.6<br>R 30.3   | 0.0<br>0.0                                 |                                  | 3.2                             | 0.2<br>0.2                   | 40.1<br>39.9                   | R 161.2<br>R 156.1           | 72.8                                    | R 234.0<br>R 228.5   |
| 2010         | 1.9                    | 56.3                        | 11.7<br>14.7           | 1.6<br>1.7       |                                | 1.0                  | H 12 6             | H 35 N             | 0.0  | R 23.5                           | 2.3<br>2.2                      | 0.2                          | 40.8                           | R 161.8                      | 72.3<br>77.9                            | R 239.7              |
| 2012         | 1.7                    | 58.8                        | 14.6                   | 1.8              | 4.1                            | 0.7                  | R 12.7             | H 33.8             | 0.0  | H 29 4                           | 2.1                             | 0.2                          | 41.0                           | R 167.1                      | 74.5                                    | R 241.5              |
| 2013         | 2.0<br>2.5             | R 57.8<br>57.8              | 11.7                   | 1.7              |                                | 0.7                  | R 12.6             | H 31.2             | 0.0  |                                  | 2.2<br>2.3                      | 0.2<br>0.2                   | 41.7                           | R 167.0<br>168.5             | 75.2                                    | R 242.3<br>246.7     |
| 2014         | 2.5                    | 57.8                        | 14.3                   | 1.6              | 2.6                            | 0.4                  | 12.8               | 31.7               | 0.0  | 30.9                             | 2.3                             | 0.2                          | 43.2                           | 108.5                        | 78.2                                    | 240.7                |

a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

plants with capacity of 1 megawatt or greater. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived,

b Liquefied petroleum gases, includes ethane and olefins.

<sup>&</sup>lt;sup>c</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.

d Includes asphalt and road oil, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products.

<sup>&</sup>lt;sup>e</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

<sup>f</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of

renewable energy sources beginning in 1989.

<sup>9</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

h Losses and co-products from the production of fuel ethanol.

Distributed solar thermal and photovoltaic energy consumed in the industrial sector is included in residential consumption. For 1981 through 1992, includes fuel ethanol blended into motor gasoline but not shown in the motor gasoline column. Beginning in 2008, includes small amounts of solar and wind energy consumed by industrial

but should be counted only once in net energy and total.

Jincurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology. kWh = Kilowatthours. -- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2014, Oregon

|              |                        |                             |                      |                        |                          | P            | etroleum     |                                |                         |  |                                |                              |   |                      |
|--------------|------------------------|-----------------------------|----------------------|------------------------|--------------------------|--------------|--------------|--------------------------------|-------------------------|--|--------------------------------|------------------------------|---|----------------------|
|              | Coal                   | Natural<br>Gas <sup>a</sup> | Aviation<br>Gasoline | Distillate<br>Fuel Oil | Jet<br>Fuel <sup>b</sup> | LPG °        | Lubricants   | Motor<br>Gasoline <sup>d</sup> | Residual<br>Fuel Oil    | Total  | Retail<br>Electricity<br>Sales |                              | Electrical                              |                      |
| Year         | Thousand<br>Short Tons | Billion<br>Cubic Feet       |                      |                        |                          | Thou         | sand Barrels |                                |                         |  | Million<br>Kilowatthours       | Net<br>Energy <sup>e,f</sup> | System<br>Energy<br>Losses <sup>9</sup> | Total <sup>e,f</sup> |
| 1960         | 4                      | (s)                         | 655                  | 2,893<br>3,664         | 384<br>812               | 10           | 301          | 15,142                         | 1,157                   | 20,542   | 0                              |                              |   |                      |
| 1965         | 1                      | 1                           | 277                  | 3,664                  | 812                      | 4            | 404          | 18.824                         | 670                     | 20,542<br>24,654   | 0                              |                              |   |                      |
| 1970<br>1975 | (s)<br>(s)             | 6<br>8                      | 305<br>171           | 4,782<br>6,783         | 2,086<br>2,079           | 18<br>13     | 487<br>490   | 23,987<br>28,125               | 1,070<br>438<br>1,107   | 32,736<br>38,098   | 0                              |                              |   |                      |
| 1980         | 0                      | 6                           | 260                  | 8 851                  | 2 465                    | 65           | 530          | 29 803                         | 1,107                   |  | 0                              |                              |   |                      |
| 1985         | 0                      | 5<br>9                      | 141                  | 8,895<br>10,526        | 2,142                    | 191          | 482<br>542   | 28,335<br>31,030               | 3,091<br>3,700          | 43,080<br>43,277<br>49,421<br>53,163<br>55,017<br>54,491<br>57,234<br>58,426<br>56,692 | 0                              |                              |   |                      |
| 1990<br>1995 | 0                      | 9<br>7                      | 121<br>143           | 10,526                 | 3,319<br>5,114           | 183<br>110   | 542<br>518   | 33 476                         | 3,700<br>3 178          | 49,421<br>53 163   | 9<br>14                        |                              |   |                      |
| 1996         | Ö                      | 8                           | 191                  | 11,394                 | 5,235<br>5,723           | 99<br>66     | 502          | 34,562<br>32,980               | 3,178<br>3,033<br>3,235 | 55,017   | 11                             |                              |   |                      |
| 1997         | 0                      | 13                          | 176                  | 11.781                 | 5,723                    |              | 531          | 32,980                         | 3,235                   | 54,491   | 11                             |                              |   |                      |
| 1998<br>1999 | 0                      | 13<br>10                    | 150<br>160           | 11,363<br>12,769       | 5,866<br>6.437           | 1<br>23      | 555<br>561   | 35,638<br>36,085               | 3,660                   | 57,234<br>58.426   | 14<br>33                       |                              |   |                      |
| 2000         | ő                      | 12                          | 139                  | 12,835                 | 6,437<br>6,277           | 63           | 561<br>553   | 35.557                         | 2,389<br>1,268          | 56,692   | 33<br>35<br>34                 |                              |   |                      |
| 2001         | 0                      | 11                          | 226                  | 11 954                 | 5,217<br>5,175           | 21           | 507          | 35.320                         | 1,176<br>1,220          | 54,421<br>55,881   | 34                             |                              |   |                      |
| 2002<br>2003 | 0                      | 9                           | 155<br>136           | 12,801<br>12,478       | 5,175<br>5,589           | 23<br>92     | 501<br>463   | 36,006<br>35,617               | 1,220<br>1,524          | 55,881<br>55,899   | 36                             | ==                           |   |                      |
| 2003         | 0                      | 10                          | 127                  | 12,476                 | 5.097                    | 92<br>82     | 469          | 35,747                         | 1,712                   | 55,699<br>57 416   | 15<br>16                       |                              |   |                      |
| 2005         | Ö                      | 7                           | 144                  | 14,183<br>14,777       | 5,402                    | 172          | 466          | 36,488                         | 1,871                   | 57,416<br>59,319   | 17                             |                              |   |                      |
| 2006         | 0                      | . 8                         | 204                  | 15 590                 | 5 764                    | 144          | 454          | 36,873                         | 1 562                   | 60,592   | 18                             |                              |   |                      |
| 2007<br>2008 | 0                      | 10<br>8                     | 202<br>185           | 16,134<br>15,258       | 5,630<br>5,464           | 104<br>215   | 469<br>436   | 36,910<br>35,671               | 2,179<br>1,485          | 60,592<br>61,627<br>58,714   | 18<br>19                       |                              |   |                      |
| 2009         | 0                      | 8                           | 134                  | 15 116                 | 6 525                    | 160          | 392          | 36 184                         | 772                     | 59.283   | 24                             |                              |   |                      |
| 2010         | Ō                      | 7                           | 138                  | 15,897<br>15,590       | 4,314                    | 165          | 435<br>413   | 35,715<br>34,300               | 1,573<br>922            | 58,238   | 25<br>25                       |                              |   |                      |
| 2011         | 0                      | 5                           | 129                  | 15,590                 | 4,495                    | 183          | 413<br>380   | 34,300                         | 922<br>804              | 56,033   | 25                             |                              |   |                      |
| 2012<br>2013 | 0                      | 5<br>4                      | 124<br>R 100         | 15,553<br>15,573       | 4,492<br>4,567           | 163<br>R 206 | 402          | 33,666<br>R 34,139             | 804<br>608              | 59,283<br>58,238<br>56,033<br>55,182<br>R 55,595                                       | 25<br>22                       |                              |   |                      |
| 2014         | Ŏ                      | 4                           | 92                   | 16,042                 | 4,620                    | 226          | 419          | 34,905                         | 114                     | 56,417   | 23                             |                              |   |                      |
|              |                        |                             |                      |                        |                          |              | Tril         | lion Btu                       |                         |  |                                |                              |   |                      |
| 1960<br>1965 | 0.1                    | 0.1<br>0.7                  | 3.3                  | 16.9<br>21.3           | 2.1<br>4.5               | (s)<br>(s)   | 1.8<br>2.4   | 79.5                           | 7.3<br>4.2              | 111.0  | 0.0<br>0.0                     | 111.1                        | 0.0                                     | 111.1                |
| 1965<br>1970 | (s)<br>(s)             | 0.7<br>5.8                  | 1.4<br>1.5           | 21.3<br>27.9           | 4.5<br>11.8              | (s)<br>0.1   | 2.4<br>3.0   | 98.9<br>126.0                  | 4.2<br>6.7              | 132.8<br>176.9   | 0.0<br>0.0                     | 133.6<br>182.7               | 0.0<br>0.0                              | 133.6<br>182.7       |
| 1975         | (S)                    | 8.2                         | 0.9                  | 39.5                   | 11.7                     | (s)          | 3.0          | 126.0                          | 2.8                     | 205.6  | 0.0                            | 213.8                        | 0.0                                     | 213.8                |
| 1980         | (s)<br>0.0             | 5.9                         | 1.3                  | 51.6                   | 13.9                     | (s)<br>0.2   | 3.0<br>3.2   | 147.7<br>156.6                 | 7.0                     | 205.6<br>233.8   | 0.0                            | 213.8<br>239.6               | 0.0                                     | 239.6                |
| 1985         | 0.0                    | 4.7                         | 0.7                  | 51.8                   | 12.1                     | 0.7          | 2.9          | 148.8                          | 19.4                    | 236.5  | 0.0                            | 241.3                        | 0.0                                     | 241.3                |
| 1990<br>1995 | 0.0<br>0.0             | 9.2<br>7.6                  | 0.6<br>0.7           | 61.3<br>61.8           | 18.8<br>29.0             | 0.7<br>0.4   | 3.3<br>3.1   | 163.0<br>174.7                 | 23.3<br>20.0            | 270.9<br>289.8   | (s)<br>(s)                     | 280.2<br>297.4               | 0.1<br>0.1                              | 280.2<br>297.5       |
| 1996         | 0.0                    | 8.3                         | 1.0                  | 66.3                   | 29.7                     | 0.4          | 3.0          | 180.3                          | 19.1                    | 299.8  | (s)                            | 308.2                        | 0.1                                     | 308.3                |
| 1997         | 0.0                    | 13.3                        | 0.9                  | 68.6                   | 32.4                     | 0.3          | 3.2          | 172.0                          | 20.3                    | 297.7  | (s)                            | 311.1                        | 0.1                                     | 311.2                |
| 1998<br>1999 | 0.0<br>0.0             | 14.1<br>10.9                | 0.8<br>0.8           | 66.1<br>74.3           | 33.3<br>36.5             | (s)<br>0.1   | 3.4<br>3.4   | 185.9<br>188.1                 | 23.0<br>15.0            | 312.4  | (s)<br>0.1                     | 326.5<br>329.3               | 0.1<br>0.2                              | 326.6<br>329.5       |
| 2000         | 0.0                    | 12.2                        | 0.8                  | 74.7                   | 35.6                     | 0.1          | 3.4          | 185.4                          | 8.0                     | 318.2<br>307.9   | 0.1                            | 320.3                        | 0.2                                     | 320.5                |
| 2001         | 0.0                    | 11.4                        | 1.1                  | 69.6                   | 29.6                     | 0.1          | 3.1          | 184.2                          | 7.4                     | 295.0  | 0.1                            | 306.5                        | 0.2                                     | 306.7                |
| 2002<br>2003 | 0.0                    | 9.4                         | 0.8                  | 74.5                   | 29.3<br>31.7             | 0.1          | 3.0          | 187.6                          | 7.7                     | 303.0<br>303.0   | 0.1                            | 312.6<br>310.3               | 0.2                                     | 312.8                |
| 2003<br>2004 | 0.0<br>0.0             | 7.2<br>9.9                  | 0.7<br>0.6           | 72.6<br>82.5           | 31.7<br>28.9             | 0.4<br>0.3   | 2.8<br>2.8   | 185.3<br>185.9                 | 9.6<br>10.8             | 303.0<br>311.9   | 0.1<br>0.1                     | 310.3<br>321.8               | 0.1<br>0.1                              | 310.4<br>321.9       |
| 2005         | 0.0                    | 7.7                         | 0.7                  | 86.0                   | 30.6                     | 0.7          | 2.8          | 189.7                          | 11.8                    | 322.2  | 0.1                            | 330.0                        | 0.1                                     | 330.1                |
| 2006         | 0.0                    | 8.7                         | 1.0                  | 90.5                   | 32.7                     | 0.6          | 2.8          | 191.4                          | 9.8                     | 328.7<br>333.5   | 0.1                            | 337.5                        | 0.1                                     | 337.6                |
| 2007<br>2008 | 0.0<br>0.0             | 10.0<br>7.7                 | 1.0<br>0.9           | 93.3<br>88.2           | 31.9<br>31.0             | 0.4<br>0.8   | 2.8<br>2.6   | 190.3<br>182.9                 | 13.7<br>9.3             | 333.5<br>315.8   | 0.1<br>0.1                     | 343.6<br>323.6               | 0.1<br>0.1                              | 343.7<br>323.7       |
| 2008         | 0.0                    | 7.7<br>8.5                  | 0.9                  | 88.2<br>87.4           | 31.0<br>37.0             | 0.8          | 2.6          | 182.9                          | 9.3<br>4.9              | 315.8  | 0.1                            | 323.6                        | 0.1                                     | 323.7<br>326.2       |
| 2010         | 0.0                    | 6.6                         | 0.7                  | 91.9                   | 24.5                     | 0.6          | 2.6          | 181.4                          | 9.9                     | 311.5  | 0.1                            | 318.3                        | 0.2                                     | 318.4                |
| 2011         | 0.0                    | 5.3                         | 0.7                  | 90.0                   | 25.5                     | 0.7          | 2.5          | 173.8                          | 5.8                     | 299.0  | 0.1                            | 304.4                        | 0.2                                     | 304.6                |
| 2012<br>2013 | 0.0<br>0.0             | 4.8<br>4.3                  | 0.6<br>0.5           | 89.8<br>89.9           | 25.5<br>25.9             | 0.6<br>0.8   | 2.3<br>2.4   | 170.4<br>R 172.8               | 5.1<br>3.8              | 299.0<br>294.3<br>R 296.2  | 0.1<br>0.1                     | 299.2<br>R 300.5             | 0.2<br>0.1                              | 299.4<br>R 300.7     |
| 2013         | 0.0                    | 4.0                         | 0.5                  | 92.6                   | 25.9<br>26.2             | 0.8          | 2.4          | 176.6                          | 3.8<br>0.7              | 300.0  | 0.1                            | 304.1                        | 0.1                                     | 304.2                |
|              |                        |                             |                      |                        |                          |              |              | _                              |                         | -  |                                |                              |   |                      |

a Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors,

and, since 1990, natural gas consumed as vehicle fuel.

b Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Industrial sector, Other Petroleum."

C Liquefied petroleum gases, includes ethane and olefins.

C Liquefled petroleum gases, includes etnane and olerins.

d Beginning in 1993, motor gasoline includes fuel ethanol blended into the product.

e There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of renewable energy sources beginning in 1981.

For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor

gasoline column.

<sup>&</sup>lt;sup>9</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.

Sources. Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2014, Oregon

|              |                        |                             |                                     | Petro             | leum                              |                |                              |                                     | Biomass                             |                         |                         |                   |  |                      |
|--------------|------------------------|-----------------------------|-------------------------------------|-------------------|-----------------------------------|----------------|------------------------------|-------------------------------------|-------------------------------------|-------------------------|-------------------------|-------------------|--|----------------------|
|              | Coal                   | Natural<br>Gas <sup>a</sup> | Distillate<br>Fuel Oil <sup>b</sup> | Petroleum<br>Coke | Residual<br>Fuel Oil <sup>c</sup> | Total          | Nuclear<br>Electric<br>Power | Hydroelectric<br>Power <sup>d</sup> |                                     | Geothermal <sup>f</sup> | Solar/PV <sup>f,g</sup> | Wind <sup>f</sup> | Net<br>Electricity<br>Imports <sup>h</sup> |                      |
| Year         | Thousand<br>Short Tons | Billion<br>Cubic Feet       |                                     | Thousan           | d Barrels                         |                | Million Kil                  | owatthours                          | Wood<br>and<br>Waste <sup>e,f</sup> |                         | Million Ki              | lowatthours       |  | Total <sup>f,i</sup> |
| 1960         | 0                      | 1                           | (s)                                 | 0                 | 3                                 | 3              | 0                            | 12,389                              |                                     | 0                       | NA                      | NA                | 0  |                      |
| 1965         | 0                      | (s)                         | (s)                                 | 0                 | 1                                 | 1              | 0                            | 16.447                              |                                     | 0                       | NA                      | NA                | 0  |                      |
| 1970<br>1975 | 0                      | (s)                         | (s)<br>29                           | 0                 | 18<br>0                           | 19<br>29       | 0<br>2                       | 29,836<br>34,522                    |                                     | 0                       | NA<br>NA                | NA<br>NA          | 0<br>(s)                                   |                      |
| 1980         | 485                    | (s)<br>(s)                  | 110                                 | 0                 | 0                                 | 110            | 5,395                        | 30,194                              |                                     | 0                       | NA                      | NA                | 0  |                      |
| 1985<br>1990 | 418<br>850             | 0<br>7                      | 3<br>56<br>12                       | 0                 | 0                                 | 3<br>56        | 6,911<br>6,074               | 40,752<br>41,240                    |                                     | 0                       | 0                       | 0                 | 5,096<br>852                               |                      |
| 1995         | 977                    | 20                          | 12<br>10                            | 0                 | 0                                 | 56<br>12       | 0                            | 40,764                              |                                     | 0                       | 0                       | 0                 | 828  |                      |
| 1996<br>1997 | 1,044<br>822           | 26<br>24                    | 23                                  | 0                 | 0                                 | 10<br>23       | 0                            | 44,906<br>46,704                    |                                     | 0                       | 0                       | Ö                 | 2,774<br>773                               |                      |
| 1998<br>1999 | 2,037                  | 24<br>53<br>50              | 23<br>59<br>15                      | 0                 | 0                                 | 23<br>59<br>15 | 0                            | 39,902                              |                                     | 0                       | 0                       | 20                | 591<br>310                                 |                      |
| 2000         | 2,154<br>2,241         | 69                          | 105                                 | 0                 | 0                                 | 105            | 0                            | 45,639<br>38,116                    |                                     | 0                       | 0                       | 85<br>67          | 153  |                      |
| 2001<br>2002 | 2,490                  | 69<br>83<br>56              | 182<br>14                           | 0                 | 0                                 | 182<br>14      | 0                            | 28,645<br>34,413                    |                                     | 0                       | 0                       | 89<br>376         | 140<br>1,468                               |                      |
| 2002         | 2,155<br>2,533         | 74                          | 100                                 | 0                 | 0                                 | 100            | 0                            | 34,413                              |                                     | 0                       | 0                       | 376<br>444        | 1,468                                      |                      |
| 2004         | 2,077                  | 89                          | 40<br>93                            | 0                 | 0                                 | 40<br>93       | Ö                            | 33,081                              |                                     | 0                       | 0                       | 619               | 2,445<br>76                                |                      |
| 2005<br>2006 | 2,103<br>1,449         | 88<br>75                    | 93<br>11                            | 0                 | 0                                 | 93<br>11       | 0                            | 30,948<br>37,850                    |                                     | 0                       | 0                       | 734<br>931        | 76<br>-14                                  |                      |
| 2007         | 2,577                  | 102                         | 9                                   | 0                 | 0                                 | 9              | 0                            | 33,587                              |                                     | 0                       | 0                       | 1,247             | 1,234                                      |                      |
| 2008<br>2009 | 2,382<br>1,854         | 117<br>109                  | 21<br>6                             | 0                 | 0                                 | 21<br>6        | 0                            | 33,805<br>33,034                    |                                     | 0                       | 0                       | 2,575<br>3.470    | 324<br>289                                 |                      |
| 2010         | 2,417                  | 109<br>60                   | 6                                   | 0                 | 0                                 | 6              | 0                            | 30,542                              |                                     | 0                       | Ō                       | 3,920             | 219<br>284                                 |                      |
| 2011<br>2012 | 1,985<br>1,583         | 60<br>81                    | 12<br>12                            | 0                 | 0                                 | 12<br>12       | 0                            | 42,315<br>39,410                    |                                     | 0<br>26                 | (s)                     | 4,775<br>6.343    | 466  |                      |
| 2013         | 2,183                  | 102                         | 10                                  | 0                 | 0                                 | 10             | 0                            | 33,098                              |                                     | 165                     | 20                      | 7,456             | R 59                                       |                      |
| 2014         | 1,853                  | 90                          | 18                                  | 0                 | 0                                 | 18             | 0<br>Frillion Btu            | 35,262                              |                                     | 183                     | 24                      | 7,555             | 155  |                      |
| 4000         |                        | 0.7                         | (-)                                 | 0.0               | (-)                               |                |                              | 400.0                               | 0.0                                 | 0.0                     | NA                      | NA                | 0.0  | 404.0                |
| 1960<br>1965 | 0.0<br>0.0             | 0.7<br>0.1                  | (s)<br>(s)                          | 0.0<br>0.0        | (s)<br>(s)                        | (s)<br>(s)     | 0.0<br>0.0                   | 133.3<br>171.9                      | 0.3<br>0.3                          | 0.0<br>0.0              | NA<br>NA                | NA<br>NA          | 0.0<br>0.0                                 | 134.3<br>172.3       |
| 1970         | 0.0                    | 1.1                         | (s)<br>0.2                          | 0.0               | 0.1                               | 0.1            | 0.0                          | 313.1                               | 0.5                                 | 0.0                     | NA                      | NA                | 0.0  | 314.7                |
| 1975<br>1980 | 0.0<br>7.9             | (s)<br>0.3                  | 0.2<br>0.6                          | 0.0<br>0.0        | 0.0<br>0.0                        | 0.2<br>0.6     | (s)<br>58.8                  | 359.2<br>313.7                      | (s)<br>1.7                          | 0.0<br>0.0              | NA<br>NA                | NA<br>NA          | (s)<br>0.0                                 | 359.4<br>383.1       |
| 1985         | 6.9                    | 0.0                         | (s)<br>0.3                          | 0.0               | 0.0                               | (s)<br>0.3     | 73.4                         | 425.7                               | 0.0                                 | 0.0                     | 0.0                     | 0.0               | 17.4                                       | 523.5                |
| 1990<br>1995 | 14.2<br>17.4           | 7.6<br>19.7                 | 0.3<br>0.1                          | 0.0<br>0.0        | 0.0<br>0.0                        | 0.3<br>0.1     | 64.3<br>0.0                  | 429.0<br>420.4                      | 7.2<br>7.1                          | 0.0<br>0.0              | 0.0<br>0.0              | (s)<br>0.0        | 2.9<br>2.8                                 | 525.4<br>467.5       |
| 1996         | 18.3                   | 26.9                        | 0.1                                 | 0.0               | 0.0                               | 0.1            | 0.0                          | 464.3                               | 6.7                                 | 0.0                     | 0.0                     | 0.0               | 9.5  | 467.5<br>525.8       |
| 1997<br>1998 | 14.4<br>35.4           | 24.6<br>53.9                | 0.1<br>0.3                          | 0.0<br>0.0        | 0.0<br>0.0                        | 0.1<br>0.3     | 0.0<br>0.0                   | 477.0<br>406.9                      | 6.6<br>7.0                          | 0.0<br>0.0              | 0.0<br>0.0              | 0.0<br>0.2        | 2.6<br>2.0                                 | 525.3<br>505.7       |
| 1999         | 38.6                   | 50.5                        | 0.1                                 | 0.0               | 0.0                               | 0.1            | 0.0                          | 466.7                               | 5.3                                 | 0.0                     | 0.0                     | 0.9               | 1.1  | 563.1                |
| 2000<br>2001 | 38.7<br>43.4           | 70.7<br>84.3                | 0.6<br>1.1                          | 0.0<br>0.0        | 0.0<br>0.0                        | 0.6<br>1.1     | 0.0<br>0.0                   | 388.8<br>296.0                      | 6.2<br>5.5                          | 0.0<br>0.0              | 0.0<br>0.0              | 0.7<br>0.9        | 0.5<br>0.5                                 | 506.1<br>431.5       |
| 2002         | 36.6                   | 56.8                        | 0.1                                 | 0.0               | 0.0                               | 0.1            | 0.0                          | 350.1                               | 4.3                                 | 0.0                     | 0.0                     | 3.8               | 5.0  | 456.7                |
| 2003<br>2004 | 43.4<br>35.1           | 76.0<br>90.5                | 0.6<br>0.2                          | 0.0<br>0.0        | 0.0<br>0.0                        | 0.6<br>0.2     | 0.0<br>0.0                   | 336.7<br>331.3                      | 5.9<br>1.3                          | 0.0<br>0.0              | 0.0<br>0.0              | 4.5<br>6.2        | 0.9<br>8.3                                 | 467.9<br>473.0       |
| 2005         | 35.1<br>35.4           | 89.8                        | 0.5                                 | 0.0               | 0.0                               | 0.5            | 0.0                          | 309.5                               | 7.1                                 | 0.0                     | 0.0                     | 7.3               | 0.3  | 449.9                |
| 2006<br>2007 | 24.2<br>43.1           | 77.0<br>104.9               | 0.1<br>0.1                          | 0.0<br>0.0        | 0.0<br>0.0                        | 0.1<br>0.1     | 0.0<br>0.0                   | 375.4<br>332.0                      | 7.4<br>6.7                          | 0.0<br>0.0              | 0.0<br>0.0              | 9.2<br>12.3       | (s)<br>4.2                                 | 493.4<br>503.3       |
| 2008         | 39.7                   | 119.0                       | 0.1                                 | 0.0               | 0.0                               | 0.1            | 0.0                          | 333.1                               | 4.5                                 | 0.0                     | 0.0                     | 25.4              | 1.1  | 522.9                |
| 2009<br>2010 | 31.2<br>40.7           | 111.1<br>111.4              | (s)<br>(s)                          | 0.0<br>0.0        | 0.0<br>0.0                        | (s)<br>(s)     | 0.0<br>0.0                   | 322.4<br>298.0                      | 5.2<br>5.4                          | 0.0<br>0.0              | 0.0<br>0.0              | 33.9<br>38.2      | 1.0<br>0.7                                 | 504.8<br>494.5       |
| 2011         | 33.3                   | 61.3                        | 0.1                                 | 0.0               | 0.0                               | 0.1            | 0.0                          | 411.1                               | 4.9                                 | 0.0                     | (s)<br>0.1              | 46.4              | 1.0  | 558.1                |
| 2012<br>2013 | 26.5<br>36.9           | 83.2                        | 0.1<br>0.1                          | 0.0<br>0.0        | 0.0                               | 0.1<br>0.1     | 0.0                          | 375.0                               | 5.3<br>6.5                          | 0.2                     |                         | 60.4              | 1.6  | 552.3<br>R 536.9     |
| 2013         | 31.7                   | 104.6<br>92.8               | 0.1                                 | 0.0               | 0.0<br>0.0                        | 0.1            | 0.0<br>0.0                   | 315.8<br>335.3                      | 5.5<br>7.7                          | 1.6<br>1.7              | 0.2<br>0.2              | 71.1<br>71.9      | 0.2<br>0.5                                 | 542.0                |
|              |                        |                             |                                     |                   |                                   |                |                              |                                     |                                     |                         |                         |                   |  |                      |

<sup>&</sup>lt;sup>a</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

Notes: Totals may not equal sum of components due to independent rounding. • The electric power sector comprises electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. • Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for

b Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil Nos. 1 and 2, and small amounts of kerosene and jet fuel.

C Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil Nos. 4, 5, and 6.
Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately

Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
 There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
 Solar thermal and photovoltaic energy.
 Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other

<sup>--=</sup> Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than +0.5 and greater than -0.5 or Btu value less than +0.05 and greater than -0.05.

each type of energy.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.