## 1. Energy Overview

Figure 1.1 Primary Energy Overview
(Quadrillion Btu)
Consumption, Production, and Imports, 1973-2011
120-



Consumption, Production, and Imports, Monthly
10-


4-


Overview, May 2012
Net Imports, January-May


Web Page: http://www.eia.gov/totalenergy/data/monthly/\#summary.
Source: Table 1.1.

Table 1.1 Primary Energy Overview
(Quadrillion Btu)

|  | Production |  |  |  | Trade |  |  | Stock Change and Other ${ }^{\text {d }}$ | Consumption |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fossil Fuels ${ }^{\text {a }}$ | Nuclear Electric Power | $\begin{aligned} & \text { Renew- } \\ & \text { able } \\ & \text { Energy } \end{aligned}$ | Total | Imports | Exports | Net Imports ${ }^{\text {C }}$ |  | Fossil Fuels ${ }^{\text {e }}$ | Nuclear Electric Power | Renewable Energy ${ }^{\text {b }}$ | Total ${ }^{f}$ |
| 1973 Total | 58.241 | 0.910 | 4.411 | 63.563 | 14.613 | 2.033 | 12.580 | -0.459 | 70.314 | 0.910 | 4.411 | 75.684 |
| 1975 Total .................. | 54.733 | 1.900 | 4.687 | 61.320 | 14.032 | 2.323 | 11.709 | -1.065 | 65.357 | 1.900 | 4.687 | 71.965 |
| 1980 Total .................. | 59.008 | 2.739 | 5.428 | 67.175 | 15.796 | 3.695 | 12.101 | -1.210 | 69.828 | 2.739 | 5.428 | 78.067 |
| 1985 Total .................. | 57.539 | 4.076 | 6.084 | 67.698 | 11.781 | 4.196 | 7.584 | 1.110 | 66.093 | 4.076 | 6.084 | 76.392 |
| 1990 Total | 58.560 | 6.104 | 6.041 | 70.705 | 18.817 | 4.752 | 14.065 | -. 284 | 72.332 | 6.104 | 6.041 | 84.485 |
| 1995 Total | 57.540 | 7.075 | 6.558 | 71.174 | 22.260 | 4.511 | 17.750 | 2.105 | 77.259 | 7.075 | 6.560 | 91.029 |
| 1996 Total | 58.387 | 7.087 | 7.012 | 72.486 | 23.702 | 4.633 | 19.069 | 2.468 | 79.785 | 7.087 | 7.014 | 94.022 |
| 1997 Total | 58.857 | 6.597 | 7.018 | 72.472 | 25.215 | 4.514 | 20.701 | 1.429 | 80.873 | 6.597 | 7.016 | 94.602 |
| 1998 Total | 59.314 | 7.068 | 6.494 | 72.876 | 26.581 | 4.299 | 22.281 | -. 140 | 81.369 | 7.068 | 6.493 | 95.018 |
| 1999 Total | 57.614 | 7.610 | 6.517 | 71.742 | 27.252 | 3.715 | 23.537 | 1.372 | 82.427 | 7.610 | 6.516 | 96.652 |
| 2000 Total | 57.366 | 7.862 | 6.104 | 71.332 | 28.973 | 4.006 | 24.967 | 2.515 | 84.731 | 7.862 | 6.106 | 98.814 |
| 2001 Total | 58.541 | 8.029 | 5.164 | 71.735 | 30.157 | 3.771 | 26.386 | -1.953 | 82.902 | 8.029 | 5.163 | 96.168 |
| 2002 Total | 56.837 | 8.145 | 5.734 | 70.716 | 29.408 | 3.669 | 25.739 | 1.190 | 83.699 | 8.145 | 5.729 | 97.645 |
| 2003 Total | 56.099 | 7.959 | 5.982 | 70.040 | 31.061 | 4.054 | 27.007 | . 931 | 84.014 | 7.959 | 5.983 | 97.978 |
| 2004 Total | 55.895 | 8.222 | 6.070 | 70.188 | 33.544 | 4.434 | 29.110 | . 864 | 85.819 | 8.222 | 6.082 | 100.162 |
| 2005 Total | 55.038 | 8.161 | 6.229 | 69.428 | 34.709 | 4.560 | 30.149 | . 705 | 85.794 | 8.161 | 6.242 | 100.282 |
| 2006 Total | 55.968 | 8.215 | 6.599 | 70.782 | 34.679 | 4.872 | 29.806 | -. 959 | 84.702 | 8.215 | 6.649 | 99.629 |
| 2007 Total | 56.409 | 8.455 | 6.509 | 71.373 | 34.703 | 5.482 | 29.221 | . 702 | 86.211 | 8.455 | 6.523 | 101.296 |
| 2008 Total | 57.482 | 8.427 | 7.202 | 73.111 | 32.992 | 7.060 | 25.932 | . 231 | 83.549 | 8.427 | 7.186 | 99.275 |
| 2009 Total .................. | 56.685 | 8.356 | 7.616 | 72.657 | 29.706 | 6.965 | 22.741 | -. 839 | 78.488 | 8.356 | 7.600 | 94.559 |
| 2010 January ............... | 4.733 | . 758 | . 672 | 6.164 | 2.516 | . 590 | 1.926 | R 1.043 | 7.697 | . 758 | . 662 | 9.132 |
| February ............. | 4.445 | . 682 | . 610 | 5.738 | 2.237 | . 556 | 1.681 | . 794 | 6.915 | . 682 | . 605 | 8.213 |
| March .................. | 5.032 | . 676 | . 682 | 6.389 | 2.519 | . 654 | 1.865 | -. 049 | 6.846 | . 676 | . 673 | 8.205 |
| April | 4.773 | . 602 | . 661 | 6.036 | 2.580 | . 686 | 1.894 | R -. 558 | 6.104 | . 602 | . 657 | 7.372 |
| May | R 4.777 | . 697 | . 717 | R 6.190 | 2.578 | . 704 | 1.874 | R - . 387 | 6.261 | . 697 | . 715 | 7.678 |
| June | 4.716 | . 714 | . 753 | 6.183 | 2.556 | . 684 | 1.872 | -. 048 | 6.530 | . 714 | . 755 | 8.008 |
| July | 4.889 | . 752 | . 701 | 6.341 | 2.705 | . 716 | 1.989 | . 052 | 6.920 | . 752 | . 701 | 8.383 |
| August | R 4.988 | . 748 | . 662 | 6.397 | 2.627 | . 698 | 1.929 | . 118 | 7.030 | . 748 | . 660 | 8.445 |
| September | 4.931 | . 725 | . 626 | R 6.282 | 2.431 | . 675 | 1.757 | -. 344 | 6.345 | . 725 | . 622 | 7.694 |
| October .... | R 5.006 | . 656 | . 646 | 6.308 | 2.390 | . 714 | 1.676 | -. 474 | 6.209 | . 656 | . 643 | 7.509 |
| November | 4.898 | . 655 | . 682 | 6.235 | 2.289 | . 760 | 1.529 | . 033 | 6.464 | . 655 | . 676 | 7.797 |
| December ........... | 5.061 | . 770 | . 726 | ${ }^{\text {R } 6.557}$ | 2.447 | . 797 | 1.650 | 1.025 | 7.732 | . 770 | . 720 | 9.231 |
| Total .................. | ${ }^{\text {R }} 58.249$ | 8.434 | 8.136 | ${ }^{\mathrm{R}} 74.820$ | 29.877 | 8.234 | 21.643 | 1.204 | 81.054 | 8.434 | 8.090 | 97.667 |
| 2011 January ............... | 5.000 | . 760 | . 754 | R 6.515 | 2.607 | . 832 | 1.776 | 1.061 | 7.843 | . 760 | . 739 | 9.351 |
| February ............. | ${ }^{\mathrm{R}} 4.528$ | . 677 | . 717 | R 5.922 | 2.087 | . 751 | 1.336 | R. 873 | 6.736 | . 677 | . 710 | 8.131 |
| March ................. | R 5.182 | . 686 | . 822 | ${ }^{\mathrm{R}} 6.690$ | 2.501 | . 869 | 1.631 | R R .051 | 6.867 | . 686 | . 811 | 8.373 |
| April | R 4.922 | . 570 | . 821 | ${ }^{\mathrm{R}} 6.313$ | 2.378 | . 852 | 1.526 | R -. 294 | 6.156 | . 570 | . 812 | 7.545 |
| May ................... | R 5.013 | . 596 | . 840 | R 6.449 | 2.466 | . 832 | 1.634 | R -. 474 | 6.166 | . 596 | . 835 | 7.609 |
| June ................... | R 4.937 | . 682 | . 828 | ${ }^{\mathrm{R}} 6.447$ | 2.407 | . 802 | 1.605 | ${ }^{\mathrm{R}} \mathrm{-} .120$ | 6.412 | . 682 | . 827 | 7.932 |
| July ... | R 4.955 | . 756 | . 797 | R 6.508 | 2.493 | . 833 | 1.660 | R. 206 | 6.814 | . 756 | . 787 | 8.373 |
| August ................ | R 5.204 | . 746 | . 746 | ${ }^{\mathrm{R}} 6.695$ | 2.395 | . 893 | 1.502 | R. 186 | 6.879 | . 746 | . 744 | 8.384 |
| September ........... | R 5.070 | . 699 | . 680 | ${ }^{\mathrm{R}} 6.448$ | 2.288 | . 891 | 1.397 | R - 278 | 6.184 | . 699 | . 673 | 7.567 |
| October ............... | R 5.292 | . 662 | . 711 | ${ }^{\mathrm{R}} 6.665$ | 2.345 | . 892 | 1.453 | R R .546 | 6.199 | . 662 | . 702 | 7.573 |
| November | ${ }^{R} 5.230$ | . 674 | . 742 | ${ }^{\mathrm{R}} 6.646$ | 2.269 | . 900 | 1.369 | R -. 264 | 6.339 | . 674 | . 730 | 7.751 |
| December | R 5.337 | . 751 | . 779 | R 6.867 | 2.354 | 1.008 | 1.347 | R. 379 | 7.064 | . 751 | . 766 | 8.592 |
| Total ................... | ${ }^{R} 60.670$ | 8.259 | 9.236 | ${ }^{\text {R }} 78.165$ | 28.590 | 10.356 | 18.234 | R. 780 | 79.658 | 8.259 | 9.135 | 97.180 |
| 2012 January ............... | R 5.390 | . 757 | . 792 | R 6.938 | 2.330 | . 866 | 1.464 | . 297 | ${ }^{\text {R } 7.162 ~}$ | . 757 | R . 769 | ${ }^{\text {R }} 8.699$ |
| February .............. | R 4.967 | . 667 | . 705 | R 6.339 | 2.102 | R . 840 | R 1.262 | . 416 | ${ }^{\text {R }} 6.646$ | . 667 | R. 694 | R 8.017 |
| March .................. | R 5.197 | . 645 | . 797 | R 6.639 | R 2.258 | R. 967 | R 1.291 | R - 220 | ${ }^{\mathrm{R}} 6.267$ | . 645 | R. 788 | R 7.710 |
| April ................... | R 4.903 | . 584 | . 776 | R 6.263 | R 2.177 | R 1.001 | R 1.176 | R -. 147 | R 5.923 | . 584 | . 773 | R 7.292 |
| May ................... | 5.104 | . 649 | . 819 | 6.572 | 2.352 | 1.015 | 1.337 | -. 233 | 6.193 | . 649 | . 819 | 7.675 |
| 5-Month Total ..... | 25.560 | 3.302 | 3.890 | 32.751 | 11.218 | 4.688 | 6.530 | . 113 | 32.191 | 3.302 | 3.843 | 39.394 |
| 2011 5-Month Total ..... | 24.645 | 3.290 | 3.954 | 31.889 | 12.039 | 4.137 | 7.902 | 1.218 | 33.767 | 3.290 | 3.907 | 41.009 |
| 2010 5-Month Total ..... | 23.761 | 3.415 | 3.341 | 30.517 | 12.430 | 3.189 | 9.241 | . 842 | 33.824 | 3.415 | 3.312 | 40.600 |

a Coal, natural gas (dry), crude oil, and natural gas plant liquids.
b See Tables 10.1-10.2c for notes on series components and estimation; and see Note, "Renewable Energy Production and Consumption," at end of Section 10.
c Net imports equal imports minus exports.
d Includes petroleum stock change and adjustments; natural gas net storage withdrawals and balancing item; coal stock change, losses, and unaccounted for; fuel ethanol stock change; and biodiesel stock change and balancing item.
e Coal, coal coke net imports, natural gas, and petroleum.
${ }^{\dagger}$ Also includes electricity net imports.
$\mathrm{R}=$ Revised.

Notes: • See "Primary Energy," "Primary Energy Production," and "Primary Energy Consumption," in Glossary. - Totals may not equal sum of components due to independent rounding. - Geographic coverage is the 50 States and the District of Columbia

Web Page: See http://www.eia.gov/totalenergy/data/monthly/\#summary for all available data beginning in 1973.
Sources: - Production: Table 1.2. - Trade: Tables 1.4a and 1.4b. - Stock Change and Other: Calculated as consumption minus production and net imports. - Consumption: Table 1.3.

Figure 1.2 Primary Energy Production
(Quadrillion Btu)

Total, 1973-2011
100-


50-

25-

\section*{| 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |}

By Source, 1973-2011



Total, January-May


[^0]Total, Monthly
8-


4-

2-

By Source, Monthly
2.5-

1.0-

0.0 TTTTITTTITTTTM
JFMAMJ JASOND JFMAM JASOND SFMAM J JASOND

By Source, May 2012


Table 1.2 Primary Energy Production by Source
(Quadrillion Btu)

|  | Fossil Fuels |  |  |  |  | Nuclear Electric Power | Renewable Energy ${ }^{\text {a }}$ |  |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Coal ${ }^{\text {b }}$ | Natural Gas (Dry) | Crude $\mathrm{Oil}^{\mathrm{C}}$ | NGPL ${ }^{\text {d }}$ | Total |  | Hydroelectric Power ${ }^{\ominus}$ | Geothermal | Solar/ PV | Wind | Biomass | Total |  |
| 1973 Total ................ | 13.992 | 22.187 | 19.493 | 2.569 | 58.241 | 0.910 | 2.861 | 0.020 | NA | NA | 1.529 | 4.411 | 63.563 |
| 1975 Total ................ | 14.989 | 19.640 | 17.729 | 2.374 | 54.733 | 1.900 | 3.155 | . 034 | NA | NA | 1.499 | 4.687 | 61.320 |
| 1980 Total | 18.598 | 19.908 | 18.249 | 2.254 | 59.008 | 2.739 | 2.900 | . 053 | NA | NA | 2.475 | 5.428 | 67.175 |
| 1985 Total | 19.325 | 16.980 | 18.992 | 2.241 | 57.539 | 4.076 | 2.970 | . 097 | (s) | (s) | 3.016 | 6.084 | 67.698 |
| 1990 Total | 22.488 | 18.326 | 15.571 | 2.175 | 58.560 | 6.104 | 3.046 | . 171 | . 059 | . 029 | 2.735 | 6.041 | 70.705 |
| 1995 Total | 22.130 | 19.082 | 13.887 | 2.442 | 57.540 | 7.075 | 3.205 | . 152 | . 069 | . 033 | 3.099 | 6.558 | 71.174 |
| 1996 Total | 22.790 | 19.344 | 13.723 | 2.530 | 58.387 | 7.087 | 3.590 | . 163 | . 070 | . 033 | 3.155 | 7.012 | 72.486 |
| 1997 Total | 23.310 | 19.394 | 13.658 | 2.495 | 58.857 | 6.597 | 3.640 | . 167 | . 070 | . 034 | 3.108 | 7.018 | 72.472 |
| 1998 Total | 24.045 | 19.613 | 13.235 | 2.420 | 59.314 | 7.068 | 3.297 | . 168 | . 069 | . 031 | 2.929 | 6.494 | 72.876 |
| 1999 Total | 23.295 | 19.341 | 12.451 | 2.528 | 57.614 | 7.610 | 3.268 | . 171 | . 068 | . 046 | 2.965 | 6.517 | 71.742 |
| 2000 Total | 22.735 | 19.662 | 12.358 | 2.611 | 57.366 | 7.862 | 2.811 | . 164 | . 066 | . 057 | 3.006 | 6.104 | 71.332 |
| 2001 Total | 23.547 | 20.166 | 12.282 | 2.547 | 58.541 | 8.029 | 2.242 | . 164 | . 064 | . 070 | 2.624 | 5.164 | 71.735 |
| 2002 Total | 22.732 | 19.382 | 12.163 | 2.559 | 56.837 | 8.145 | 2.689 | . 171 | . 063 | . 105 | 2.705 | 5.734 | 70.716 |
| 2003 Total | 22.094 | 19.633 | 12.026 | 2.346 | 56.099 | 7.959 | 2.825 | . 175 | . 062 | . 115 | 2.805 | 5.982 | 70.040 |
| 2004 Total | 22.852 | 19.074 | 11.503 | 2.466 | 55.895 | 8.222 | 2.690 | . 178 | . 063 | . 142 | 2.998 | 6.070 | 70.188 |
| 2005 Total ................ | 23.185 | 18.556 | 10.963 | 2.334 | 55.038 | 8.161 | 2.703 | . 181 | . 063 | . 178 | 3.104 | 6.229 | 69.428 |
| 2006 Total | 23.790 | 19.022 | 10.801 | 2.356 | 55.968 | 8.215 | 2.869 | . 181 | . 068 | . 264 | 3.216 | 6.599 | 70.782 |
| 2007 Total | 23.493 | 19.786 | 10.721 | 2.409 | 56.409 | 8.455 | 2.446 | . 186 | . 076 | . 341 | 3.461 | 6.509 | 71.373 |
| 2008 Total | 23.851 | 20.703 | 10.509 | 2.419 | 57.482 | 8.427 | 2.511 | . 192 | . 089 | . 546 | 3.864 | 7.202 | 73.111 |
| 2009 Total | 21.624 | 21.139 | 11.348 | 2.574 | 56.685 | 8.356 | 2.669 | . 200 | . 098 | . 721 | 3.928 | 7.616 | 72.657 |
| 2010 January ............. | 1.743 | 1.790 | . 970 | . 230 | 4.733 | . 758 | . 218 | . 018 | . 010 | . 067 | . 359 | . 672 | 6.164 |
| February ........... | 1.687 | 1.648 | . 900 | . 210 | 4.445 | . 682 | . 201 | . 016 | . 009 | . 053 | . 332 | . 610 | 5.738 |
| March ................ | 1.969 | 1.835 | . 991 | . 236 | 5.032 | . 676 | . 204 | . 018 | . 010 | . 084 | . 366 | . 682 | 6.389 |
| April .................... | 1.848 | 1.763 | . 935 | . 227 | 4.773 | . 602 | . 186 | . 017 | . 010 | . 095 | . 351 | . 661 | 6.036 |
| May | 1.736 | 1.832 | R . 970 | . 238 | R 4.777 | . 697 | . 245 | . 018 | . 011 | . 085 | . 358 | . 717 | R 6.190 |
| June .................. | 1.802 | 1.751 | . 937 | . 226 | 4.716 | . 714 | . 291 | . 017 | . 011 | . 079 | . 355 | . 753 | 6.183 |
| July ................... | 1.847 | 1.859 | . 956 | . 227 | 4.889 | . 752 | . 239 | . 017 | . 011 | . 066 | . 367 | . 701 | 6.341 |
| August ................. | 1.898 | 1.874 | R . 980 | . 236 | R 4.988 | . 748 | . 196 | . 018 | . 011 | . 065 | . 371 | . 662 | 6.397 |
| September ......... | 1.897 | 1.826 | R .977 | . 232 | 4.931 | . 725 | . 168 | . 017 | . 011 | . 069 | . 360 | . 626 | R 6.282 |
| October ............. | 1.864 | 1.892 | R 1.008 | . 242 | R 5.006 | . 656 | . 173 | . 017 | . 010 | . 077 | . 369 | . 646 | 6.308 |
| November .......... | 1.860 | 1.833 | . 969 | . 235 | 4.898 | . 655 | . 191 | . 017 | . 010 | . 095 | . 369 | . 682 | 6.235 |
| December .......... | 1.886 | 1.920 | 1.012 | . 242 | 5.061 | . 770 | . 226 | . 018 | . 010 | . 088 | . 383 | . 726 | $R 6.557$ $R$ |
| Total ................ | 22.038 | 21.823 | R 11.606 | 2.781 | R 58.249 | 8.434 | 2.539 | . 208 | . 126 | . 923 | 4.341 | 8.136 | R 74.820 |
| 2011 January ............. | 1.854 | E 1.922 | E. 994 | . 230 | 5.000 | . 760 | . 255 | . 020 | . 012 | . 084 | . 383 | . 754 | R 6.515 |
| February ............ | 1.736 | E 1.711 | RE . 884 | . 198 | R 4.528 | . 677 | . 241 | . 018 | . 012 | . 103 | . 344 | . 717 | R 5.922 |
| March ................ | 1.958 | E 1.963 | RE 1.014 | . 247 | R 5.182 | . 686 | . 310 | . 020 | . 013 | . 103 | . 377 | . 822 | R 6.690 |
| April | 1.789 | E 1.925 | RE. 969 | . 238 | R 4.922 | . 570 | . 309 | . 018 | . 013 | . 121 | . 359 | . 821 | R 6.313 |
| May ..................... | 1.755 | E 1.988 | RE 1.017 | . 253 | R 5.013 | . 596 | . 323 | . 019 | . 014 | . 114 | . 371 | . 840 | R 6.449 |
| June ..................... | 1.798 | E 1.923 | RE. 976 | . 240 | R 4.937 | . 682 | . 315 | . 019 | . 014 | . 106 | . 375 | . 828 | R 6.447 |
| July ................... | 1.733 | E 1.987 | RE. 985 | . 250 | R 4.955 | . 756 | . 308 | . 019 | . 014 | . 072 | . 384 | . 797 | R 6.508 |
| August ................. | 1.933 | E 1.994 | RE 1.026 | . 251 | R 5.204 | . 746 | . 257 | . 019 | . 014 | . 072 | . 384 | . 746 | R 6.695 |
| September .......... | 1.903 | E 1.952 | RE. 978 | . 237 | R 5.070 | . 699 | . 210 | . 018 | . 013 | . 067 | . 371 | . 680 | R 6.448 |
| October ............. | 1.915 | E 2.052 | RE 1.066 | . 259 | R 5.292 | . 662 | . 195 | . 019 | . 014 | . 104 | . 379 | . 711 | R 6.665 |
| November .......... | 1.904 | E 2.014 | RE 1.053 | . 258 | R 5.230 | . 674 | . 209 | . 019 | . 012 | . 121 | . 382 | . 742 | R 6.646 |
| December ........... | 1.903 | E 2.075 | RE 1.091 | . 268 | R 5.337 | . 751 | . 241 | . 019 | . 013 | . 102 | . 403 | . 779 | R 6.867 |
| Total ................. | 22.181 | E 23.506 | RE 12.055 | 2.928 | ${ }^{R} 60.670$ | 8.259 | 3.171 | . 226 | . 158 | 1.168 | 4.511 | 9.236 | R 78.165 |
|  | 1.924 | RE 2.087 | RE 1.108 | . 271 | R 5.390 | . 757 | . 233 | . 019 | . 015 | . 135 | . 389 | . 792 | R 6.938 |
| February | 1.737 | RE 1.930 | RE 1.045 | . 255 | R 4.967 | . 667 | . 203 | . 018 | . 015 | . 108 | . 362 | . 705 | R 6.339 |
| March .................. | 1.735 | RE 2.061 | RE 1.131 | . 271 | R 5.197 | . 645 | . 256 | . 019 | . 016 | . 132 | . 372 | . 797 | R 6.639 |
| April | 1.552 | RE 2.004 | RE 1.084 | . 263 | R 4.903 | . 584 | . 261 | . 018 | . 017 | . 123 | . 357 | . 776 | R 6.263 |
| May | 1.634 | E 2.072 | E 1.127 | . 271 | 5.104 | . 649 | . 283 | . 019 | . 019 | . 121 | . 377 | . 819 | 6.572 |
| 5-Month Total ... | 8.583 | E 10.154 | E 5.494 | 1.329 | 25.560 | 3.302 | 1.237 | . 095 | . 082 | . 619 | 1.857 | 3.890 | 32.751 |
| 2011 5-Month Total ... | $9.092$ | $\text { E } 9.509$ | $\text { E } 4.879$ | $1.166$ | $24.645$ | 3.290 | 1.437 | $.095$ | $.064$ | . 525 | 1.833 | $3.954$ |  |
| 2010 5-Month Total | $8.983$ | $8.868$ | $4.767$ | 1.142 | $23.761$ | 3.415 | 1.054 | . 086 | $.051$ | . 384 | 1.766 | 3.341 | $30.517$ |

[^1]Notes: - See "Primary Energy Production" in Glossary. - Totals may not equal sum of components due to independent rounding. - Geographic coverage is the 50 States and the District of Columbia.
Web Page: See http://www.eia.gov/totalenergy/data/monthly/\#summary for all available data beginning in 1973 .
Sources: - Coal: Tables 6.1 and A5. - Natural Gas (Dry): Tables 4.1 and A4. Crude Oil and Natural Gas Plant Liquids: Tables 3.1 and A2. - Nuclear Electric Power: Tables 7.2a and A6 ("Nuclear Plants" heat rate). - Renewable Energy: Table 10.1.

Figure 1.3 Primary Energy Consumption

Total, 1973-2011
120-


60-

40-

20-

```
1975}198
```

By Source, ${ }^{\text {a }}$ 1973-2011
45-


Total, January-May


Total, Monthly


By Source, ${ }^{\text {a }}$ Monthly
4-


By Source, ${ }^{\text {a }}$ May 2012


[^2]Table 1.3 Primary Energy Consumption by Source
(Quadrillion Btu)

|  | Fossil Fuels |  |  |  | Nuclear Electric Power | Renewable Energy ${ }^{\text {a }}$ |  |  |  |  |  | Total ${ }^{\text {f }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Coal | Natural Gas ${ }^{\text {b }}$ | Petroleum ${ }^{\text {C }}$ | Total ${ }^{\text {d }}$ |  | Hydroelectric Powere | Geothermal | Solar/ PV | Wind | $\begin{aligned} & \text { Bio- } \\ & \text { mass } \end{aligned}$ | Total |  |
| 1973 Total | 12.971 | 22.512 | 34.837 | 70.314 | 0.910 | 2.861 | 0.020 | NA | NA | 1.529 | 4.411 | 75.684 |
| 1975 Total .................. | 12.663 | 19.948 | 32.732 | 65.357 | 1.900 | 3.155 | . 034 | NA | NA | 1.499 | 4.687 | 71.965 |
| 1980 Total | 15.423 | 20.235 | 34.205 | 69.828 | 2.739 | 2.900 | . 053 | NA | NA | 2.475 | 5.428 | 78.067 |
| 1985 Total | 17.478 | 17.703 | 30.925 | 66.093 | 4.076 | 2.970 | . 097 | (s) | (s) | 3.016 | 6.084 | 76.392 |
| 1990 Total | 19.173 | 19.603 | 33.552 | 72.332 | 6.104 | 3.046 | . 171 | . 059 | . 029 | 2.735 | 6.041 | 84.485 |
| 1995 Total | 20.089 | 22.671 | 34.438 | 77.259 | 7.075 | 3.205 | . 152 | . 069 | . 033 | 3.101 | 6.560 | 91.029 |
| 1996 Total | 21.002 | 23.085 | 35.675 | 79.785 | 7.087 | 3.590 | . 163 | . 070 | . 033 | 3.157 | 7.014 | 94.022 |
| 1997 Total | 21.445 | 23.223 | 36.159 | 80.873 | 6.597 | 3.640 | . 167 | . 070 | . 034 | 3.105 | 7.016 | 94.602 |
| 1998 Total | 21.656 | 22.830 | 36.816 | 81.369 | 7.068 | 3.297 | . 168 | . 069 | . 031 | 2.927 | 6.493 | 95.018 |
| 1999 Total .................. | 21.623 | 22.909 | 37.838 | 82.427 | 7.610 | 3.268 | . 171 | . 068 | . 046 | 2.963 | 6.516 | 96.652 |
| 2000 Total .................. | 22.580 | 23.824 | 38.262 | 84.731 | 7.862 | 2.811 | . 164 | . 066 | . 057 | 3.008 | 6.106 | 98.814 |
| 2001 Total ................... | 21.914 | 22.773 | 38.186 | 82.902 | 8.029 | 2.242 | . 164 | . 064 | . 070 | 2.622 | 5.163 | 96.168 |
| 2002 Total ................... | 21.904 | 23.510 | 38.224 | 83.699 | 8.145 | 2.689 | . 171 | . 063 | . 105 | 2.701 | 5.729 | 97.645 |
| 2003 Total .................. | 22.321 | 22.831 | 38.811 | 84.014 | 7.959 | 2.825 | . 175 | . 062 | . 115 | 2.807 | 5.983 | 97.978 |
| 2004 Total .................. | 22.466 | 22.923 | 40.292 | 85.819 | 8.222 | 2.690 | . 178 | . 063 | . 142 | 3.010 | 6.082 | 100.162 |
| 2005 Total | 22.797 | 22.565 | 40.388 | 85.794 | 8.161 | 2.703 | . 181 | . 063 | . 178 | 3.117 | 6.242 | 100.282 |
| 2006 Total | 22.447 | 22.239 | 39.955 | 84.702 | 8.215 | 2.869 | . 181 | . 068 | . 264 | 3.267 | 6.649 | 99.629 |
| 2007 Total | 22.749 | 23.663 | 39.774 | 86.211 | 8.455 | 2.446 | . 186 | . 076 | . 341 | 3.474 | 6.523 | 101.296 |
| 2008 Total | 22.385 | 23.843 | 37.280 | 83.549 | 8.427 | 2.511 | . 192 | . 089 | . 546 | 3.849 | 7.186 | 99.275 |
| 2009 Total .................. | 19.692 | 23.416 | 35.403 | 78.488 | 8.356 | 2.669 | . 200 | . 098 | . 721 | 3.912 | 7.600 | 94.559 |
| 2010 January .............. | 1.914 | 2.841 | 2.947 | 7.697 | . 758 | . 218 | . 018 | . 010 | . 067 | . 349 | . 662 | 9.132 |
| February ............. | 1.706 | 2.507 | 2.698 | 6.915 | . 682 | . 201 | . 016 | . 009 | . 053 | . 326 | . 605 | 8.213 |
| March .................. | 1.635 | 2.160 | 3.048 | 6.846 | . 676 | . 204 | . 018 | . 010 | . 084 | . 357 | . 673 | 8.205 |
| April ................... | 1.444 | 1.700 | 2.960 | 6.104 | . 602 | . 186 | . 017 | . 010 | . 095 | . 348 | . 657 | 7.372 |
| May .................... | 1.618 | 1.622 | 3.020 | 6.261 | . 697 | . 245 | . 018 | . 011 | . 085 | . 356 | . 715 | 7.678 |
| June ................... | 1.844 | 1.656 | 3.029 | 6.530 | . 714 | . 291 | . 017 | . 011 | . 079 | . 357 | . 755 | 8.008 |
| July .................... | 1.995 | 1.836 | 3.089 | 6.920 | . 752 | . 239 | . 017 | . 011 | . 066 | . 368 | . 701 | 8.383 |
| August ................ | 1.991 | 1.890 | 3.148 | 7.030 | . 748 | . 196 | . 018 | . 011 | . 065 | . 370 | . 660 | 8.445 |
| September ........... | 1.693 | 1.644 | 3.008 | 6.345 | . 725 | . 168 | . 017 | . 011 | . 069 | . 357 | . 622 | 7.694 |
| October ............... | 1.519 | 1.671 | 3.020 | 6.209 | . 656 | . 173 | . 017 | . 010 | . 077 | . 366 | . 643 | 7.509 |
| November ........... | 1.561 | 1.986 | 2.923 | 6.464 | . 655 | . 191 | . 017 | . 010 | . 095 | . 363 | . 676 | 7.797 |
| December ........... | 1.876 | 2.741 | 3.120 | 7.732 | . 770 | . 226 | . 018 | . 010 | . 088 | . 377 | . 720 | 9.231 |
| Total | 20.794 | 24.256 | 36.010 | 81.054 | 8.434 | 2.539 | . 208 | . 126 | . 923 | 4.294 | 8.090 | 97.667 |
| 2011 January ............... | 1.879 | 2.933 | 3.030 | 7.843 | . 760 | . 255 | . 020 | . 012 | . 084 | . 367 | . 739 | 9.351 |
| February | 1.552 | 2.482 | 2.701 | 6.736 | . 677 | . 241 | . 018 | . 012 | . 103 | . 337 | . 710 | 8.131 |
| March .................. | 1.534 | 2.269 | 3.062 | 6.867 | . 686 | . 310 | . 020 | . 013 | . 103 | . 366 | . 811 | 8.373 |
| April ................... | 1.416 | 1.861 | 2.878 | 6.156 | . 570 | . 309 | . 018 | . 013 | . 121 | . 351 | . 812 | 7.545 |
| May .................... | 1.545 | 1.696 | 2.923 | 6.166 | . 596 | . 323 | . 019 | . 014 | . 114 | . 365 | . 835 | 7.609 |
| June ................... | 1.752 | 1.680 | 2.979 | 6.412 | . 682 | . 315 | . 019 | . 014 | . 106 | . 374 | . 827 | 7.932 |
| July | 1.945 | 1.910 | 2.959 | 6.814 | . 756 | . 308 | . 019 | . 014 | . 072 | . 374 | . 787 | 8.373 |
| August ................ | 1.908 | 1.908 | 3.059 | 6.879 | . 746 | . 257 | . 019 | . 014 | . 072 | . 382 | . 744 | 8.384 |
| September .......... | 1.604 | 1.671 | 2.908 | 6.184 | . 699 | . 210 | . 018 | . 013 | . 067 | . 365 | . 673 | 7.567 |
| October ............... | 1.467 | 1.779 | 2.953 | 6.199 | . 662 | . 195 | . 019 | . 014 | . 104 | . 370 | . 702 | 7.573 |
| November | 1.417 | 2.045 | 2.879 | 6.339 | . 674 | . 209 | . 019 | . 012 | . 121 | . 370 | . 730 | 7.751 |
| December ........... | 1.547 | 2.564 | 2.951 | 7.064 | . 751 | . 241 | . 019 | . 013 | . 102 | . 390 | . 766 | 8.592 |
| Total .................. | 19.565 | 24.799 | 35.283 | 79.658 | 8.259 | 3.171 | . 226 | . 158 | 1.168 | 4.411 | 9.135 | 97.180 |
| 2012 January ............... | 1.486 | ${ }^{\mathrm{R}} 2.785$ | R2.889 | ${ }^{\mathrm{R}} 7.162$ | . 757 | . 233 | . 019 | . 015 | . 135 | R . 367 | R. 769 | R 8.699 |
| February ............ | 1.333 | R2.537 | R2.776 | ${ }^{\mathrm{R}} 6.646$ | . 667 | . 203 | . 018 | . 015 | . 108 | R. 350 | R. 694 | R 8.017 |
| March ................... | 1.233 | R2.148 | R2.883 | R 6.267 | . 645 | . 256 | . 019 | . 016 | . 132 | . 364 | R. 788 | R 7.710 |
| April ................... | 1.122 | R 1.980 | R 2.815 | R 5.923 | . 584 | . 261 | . 018 | . 017 | . 123 | R. 353 | . 773 | R 7.292 |
| May | 1.341 | 1.887 | 2.964 | 6.193 | . 649 | . 283 | . 019 | . 019 | . 121 | . 376 | . 819 | 7.675 |
| 5-Month Total ..... | 6.515 | 11.337 | 14.327 | 32.191 | 3.302 | 1.237 | . 095 | . 082 | . 619 | 1.810 | 3.843 | 39.394 |
| 2011 5-Month Total .... | 7.926 | 11.242 | 14.594 | 33.767 | 3.290 | 1.437 | . 095 | . 064 | . 525 | 1.786 | 3.907 | 41.009 |
| 2010 5-Month Total ..... | 8.316 | 10.832 | 14.672 | 33.824 | 3.415 | 1.054 | . 086 | . 051 | . 384 | 1.737 | 3.312 | 40.600 |

[^3]separately displayed. See Tables 1.4a and 1.4b.
R=Revised. NA=Not available. (s)=Less than 0.5 trillion Btu.
Notes: - See "Primary Energy Consumption" in Glossary.

- Totals may not equal sum of components due to independent rounding.
- Geographic coverage is the 50 States and the District of Columbia.

Web Page: See http://www.eia.gov/totalenergy/data/monthly/\#summary for all available data beginning in 1973.

Sources: - Coal: Tables 6.1 and A5. - Natural Gas: Tables 4.1 and A4.

- Petroleum: Table 3.6. - Nuclear Electric Power: Tables 7.2a and A6 ("Nuclear Plants" heat rate). • Renewable Energy: Table 10.1. • Net Imports of Coal Coke and Electricity: Tables 1.4a and 1.4b.

Figure 1.4a Primary Energy Imports and Exports
(Quadrillion Btu)

Total Imports and Exports, 1973-2011


Total Imports and Exports, Monthly

4-

3-


Exports
$0-1010$
JFMAM J JA SOND JFMAM J JASOND JFMAM J JA SOND
2010
Imports by Source, Monthly


Exports by Major Source, Monthly
0.8-


Web Page: http://www.eia.gov/totalenergy/data/monthly/\#summary Sources: Tables 1.4a and 1.4b.
2-
3.2-

0.8-



[^4]Imports by Source, 1973-2011


8-


Exports by Source, 1973-2011


Figure 1.4b Primary Energy Net Imports
(Quadrillion Btu, Except as noted)

Total, 1973-2011



By Major Source, 1973-2011


Total, Monthly
3.0-

## 2.5-

2.0-2
1.0-
0.5-
$\begin{array}{ccc}0.0 \\ \text { JFMAM J JASOND JFMAM J JASOND SFMAM J JASOND } \\ 2010 & 2011\end{array}$
By Major Source, Monthly
2.0-


As Share of Consumption, January-May

blending components. Does not include biofuels.
Web Page: http://www.eia.gov/totalenergy/data/monthly/\#summary. Sources: Tables 1.3, 1.4a, and 1.4b.

[^5]Table 1.4a Primary Energy Imports by Source
(Quadrillion Btu)

|  | Imports |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Petroleum |  |  |  |  |  |
|  | Coal | Coal Coke | Natural Gas | Crude Oila | Petroleum Products ${ }^{\text {b }}$ | Total | Biofuels ${ }^{\text {c }}$ | Electricity | Total |
| 1973 Total ................... | 0.003 | 0.027 | 1.060 | 6.887 | 6.578 | 13.466 | NA | 0.057 | 14.613 |
| 1975 Total .................... | . 024 | . 045 | . 978 | 8.721 | 4.227 | 12.948 | NA | . 038 | 14.032 |
| 1980 Total .................... | . 030 | . 016 | 1.006 | 11.195 | 3.463 | 14.658 | NA | . 085 | 15.796 |
| 1985 Total .................... | . 049 | . 014 | . 952 | 6.814 | 3.796 | 10.609 | NA | . 157 | 11.781 |
| 1990 Total ................... | . 067 | . 019 | 1.551 | 12.766 | 4.351 | 17.117 | NA | . 063 | 18.817 |
| 1995 Total ................... | . 237 | . 095 | 2.901 | 15.669 | 3.211 | 18.881 | . 001 | . 146 | 22.260 |
| 1996 Total .................... | . 203 | . 063 | 3.002 | 16.341 | 3.943 | 20.284 | . 001 | . 148 | 23.702 |
| 1997 Total .................... | . 187 | . 078 | 3.063 | 17.876 | 3.864 | 21.740 | (s) | . 147 | 25.215 |
| 1998 Total .................... | . 218 | . 095 | 3.225 | 18.916 | 3.992 | 22.908 | (s) | . 135 | 26.581 |
| 1999 Total .................... | . 227 | . 080 | 3.664 | 18.935 | 4.198 | 23.133 | (s) | . 147 | 27.252 |
| 2000 Total ................... | . 313 | . 094 | 3.869 | 19.783 | 4.749 | 24.531 | (s) | . 166 | 28.973 |
| 2001 Total .................... | . 495 | . 063 | 4.068 | 20.348 | 5.051 | 25.398 | . 002 | . 131 | 30.157 |
| 2002 Total .................... | . 422 | . 080 | 4.104 | 19.920 | 4.754 | 24.674 | . 002 | . 125 | 29.408 |
| 2003 Total .................... | . 626 | . 068 | 4.042 | 21.060 | 5.159 | 26.219 | . 002 | . 104 | 31.061 |
| 2004 Total | . 682 | . 170 | 4.365 | 22.082 | 6.114 | 28.197 | . 013 | . 117 | 33.544 |
| 2005 Total | . 762 | . 088 | 4.450 | 22.091 | 7.157 | 29.248 | . 012 | . 150 | 34.709 |
| 2006 Total .................... | . 906 | . 101 | 4.291 | 22.085 | 7.084 | 29.169 | . 066 | . 146 | 34.679 |
| 2007 Total .................... | . 909 | . 061 | 4.723 | 21.914 | 6.868 | 28.781 | . 054 | . 175 | 34.703 |
| 2008 Total .................... | . 855 | . 089 | 4.084 | 21.448 | 6.237 | 27.685 | . 084 | . 195 | 32.992 |
| 2009 Total ................... | . 566 | . 009 | 3.845 | 19.699 | 5.383 | 25.082 | . 026 | . 178 | 29.706 |
| 2010 January ................ | . 042 | . 001 | . 394 | 1.577 | . 483 | 2.060 | . 001 | . 018 | 2.516 |
| February ............... | . 031 | . 005 | . 332 | 1.469 | . 384 | 1.853 | (s) | . 015 | 2.237 |
| March .................... | . 047 | . 003 | . 327 | 1.734 | . 393 | 2.127 | . 001 | . 015 | 2.519 |
| April ..................... | . 045 | . 001 | . 306 | 1.747 | . 466 | 2.214 | (s) | . 013 | 2.580 |
| May ...................... | . 037 | . 005 | . 305 | 1.793 | . 428 | 2.221 | . 001 | . 010 | 2.578 |
| June ..................... | . 044 | . 005 | . 289 | 1.784 | . 419 | 2.203 | (s) | . 014 | 2.556 |
| July ...................... | . 035 | . 003 | . 337 | 1.844 | . 472 | 2.316 | (s) | . 015 | 2.705 |
| August ................. | . 043 | . 003 | . 313 | 1.772 | . 484 | 2.256 | (s) | . 012 | 2.627 |
| September ............ | . 040 | . 002 | . 289 | 1.658 | . 432 | 2.090 | (s) | . 010 | 2.431 |
| October ................. | . 044 | . 001 | . 302 | 1.585 | . 448 | 2.034 | (s) | . 009 | 2.390 |
| November ............. | . 037 | (s) | . 280 | 1.563 | . 400 | 1.963 | (s) | . 009 | 2.289 |
| December ............. | . 039 | (s) | . 361 | 1.614 | . 420 | 2.034 | (s) | . 013 | 2.447 |
| Total .................... | . 484 | . 030 | 3.834 | 20.140 | 5.231 | 25.371 | . 004 | . 154 | 29.877 |
| 2011 January | . 025 | . 001 | . 380 | 1.689 | . 497 | 2.186 | (s) | . 015 | 2.607 |
| February | . 021 | . 002 | . 316 | 1.348 | . 387 | 1.735 | (s) | . 013 | 2.087 |
| March | . 038 | . 004 | . 322 | 1.682 | . 441 | 2.123 | (s) | . 014 | 2.501 |
| April | . 028 | . 001 | . 285 | 1.570 | . 479 | 2.050 | (s) | . 013 | 2.378 |
| May ...................... | . 033 | . 004 | . 277 | 1.674 | . 462 | 2.135 | (s) | . 017 | 2.466 |
| June | . 024 | . 004 | . 272 | 1.666 | . 424 | 2.090 | . 001 | . 015 | 2.407 |
| July ...................... | . 030 | . 003 | . 300 | 1.734 | . 404 | 2.138 | . 001 | . 021 | 2.493 |
| August ................. | . 039 | . 005 | . 286 | 1.680 | . 364 | 2.044 | . 002 | . 019 | 2.395 |
| September ............ | . 021 | . 003 | . 260 | 1.623 | . 365 | 1.988 | . 003 | . 014 | 2.288 |
| October ................. | . 023 | . 002 | . 288 | 1.681 | . 337 | 2.018 | . 002 | . 013 | 2.345 |
| November ............. | . 020 | . 002 | . 254 | 1.591 | . 388 | 1.979 | . 002 | . 012 | 2.269 |
| December | . 024 | . 004 | . 303 | 1.623 | . 383 | 2.006 | . 004 | . 015 | 2.354 |
| Total .................... | . 327 | . 035 | 3.542 | 19.561 | 4.930 | 24.491 | . 016 | . 178 | 28.590 |
| 2012 January ................ | . 020 | . 003 | . 288 | 1.596 | . 408 | 2.005 | (s) | . 014 | 2.330 |
| February .............. | . 013 | . 002 | R . 276 | 1.491 | . 307 | 1.798 | (s) | . 012 | 2.102 |
| March ................... | . 017 | . 004 | R .272 | 1.633 | . 316 | 1.949 | . 002 | . 014 | R 2.258 |
| April ..................... | . 016 | . 007 | R . 249 | 1.548 | . 339 | 1.887 | . 001 | . 017 | R 2.177 |
| May ..................... | . 025 | . 004 | . 263 | 1.659 | . 381 | 2.040 | . 002 | . 019 | 2.352 |
| 5-Month Total ...... | . 091 | . 020 | 1.348 | 7.927 | 1.751 | 9.678 | . 005 | . 077 | 11.218 |
| 2011 5-Month Total ...... | . 146 | . 012 | 1.581 | 7.963 | 2.266 | 10.229 | . 001 | . 071 | 12.039 |
| 2010 5-Month Total ...... | . 202 | . 015 | 1.664 | 8.320 | 2.155 | 10.475 | . 002 | . 072 | 12.430 |

a Crude oil and lease condensate. Includes imports into the Strategic Petroleum Reserve, which began in 1977
b Petroleum products, unfinished oils, pentanes plus, and gasoline blending components. Does not include biofuels.
c Fuel ethanol (minus denaturant) and biodiesel.
$\mathrm{R}=$ Revised. NA=Not available. ( s )=Less than 0.5 trillion Btu.
Notes: - See "Primary Energy" in Glossary. - Totals may not equal sum of components due to independent rounding. - Geographic coverage is the 50 States and the District of Columbia.

Web Page: See http://www.eia.gov/totalenergy/data/monthly/\#summary for all
available data beginning in 1973.
Sources: - Coal: Tables 6.1 and A5. - Coal Coke: 1973-1975-U.S. Department of the Interior, Bureau of Mines, Minerals Yearbook, "Coke and Coal Chemicals" chapter. 1976-1980—U.S. Energy Information Administration (EIA), Energy Data Report, "Coke and Coal Chemicals," annual reports. 1981 Energy Data Report, "Coke and Coal Chemicals," annual reports. 1981
forward—EIA, Quarterly Coal Report, quarterly reports and Table A5. • Natural forward-EEIA, Quarterly Coal Report, quarterly reports and Table A5. • Natural
Gas: Tables 4.1 and A4. - Crude Oil and Petroleum Products: Tables 3.3b, 10.3, 10.4, and A2. - Biofuels: Tables 10.3, 10.4 and A3. • Electricity: Tables 7.1 and A6.

Table 1.4b Primary Energy Exports by Source and Total Net Imports (Quadrillion Btu)

|  | Exports |  |  |  |  |  |  |  |  | Net Imports ${ }^{\text {a }}$ <br> Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Coal | Coal Coke | Natural Gas | Petroleum |  |  | Biofuels ${ }^{\text {d }}$ | Electricity | Total |  |
|  |  |  |  | Crude Oil ${ }^{\text {b }}$ | Petroleum Products ${ }^{\text {c }}$ | Total |  |  |  |  |
| 1973 Total | 1.425 | 0.035 | 0.079 | 0.004 | 0.482 | 0.486 | NA | 0.009 | 2.033 | 12.580 |
| 1975 Total | 1.761 | . 032 | . 074 | . 012 | . 427 | . 439 | NA | . 017 | 2.323 | 11.709 |
| 1980 Total .................. | 2.421 | . 051 | . 049 | . 609 | . 551 | 1.160 | NA | . 014 | 3.695 | 12.101 |
| 1985 Total | 2.438 | . 028 | . 056 | . 432 | 1.225 | 1.657 | NA | . 017 | 4.196 | 7.584 |
| 1990 Total .................. | 2.772 | . 014 | . 087 | . 230 | 1.594 | 1.824 | NA | . 055 | 4.752 | 14.065 |
| 1995 Total .................... | 2.318 | . 034 | . 156 | . 200 | 1.791 | 1.991 | NA | . 012 | 4.511 | 17.750 |
| 1996 Total .................... | 2.368 | . 040 | . 155 | . 233 | 1.825 | 2.059 | NA | . 011 | 4.633 | 19.069 |
| 1997 Total .................... | 2.193 | . 031 | . 159 | . 228 | 1.872 | 2.100 | NA | . 031 | 4.514 | 20.701 |
| 1998 Total .................... | 2.092 | . 028 | . 161 | . 233 | 1.740 | 1.972 | NA | . 047 | 4.299 | 22.281 |
| 1999 Total .................... | 1.525 | . 022 | . 164 | . 250 | 1.705 | 1.955 | NA | . 049 | 3.715 | 23.537 |
| 2000 Total .................... | 1.528 | . 028 | . 245 | . 106 | 2.048 | 2.154 | NA | . 051 | 4.006 | 24.967 |
| 2001 Total .................... | 1.265 | . 033 | . 377 | . 043 | 1.996 | 2.039 | (s) | . 056 | 3.771 | 26.386 |
| 2002 Total .................... | 1.032 | . 020 | . 520 | . 019 | 2.023 | 2.042 | (s) | . 054 | 3.669 | 25.739 |
| 2003 Total .................... | 1.117 | . 018 | . 686 | . 026 | 2.124 | 2.151 | . 001 | . 082 | 4.054 | 27.007 |
| 2004 Total .................... | 1.253 | . 033 | . 862 | . 057 | 2.151 | 2.208 | . 001 | . 078 | 4.434 | 29.110 |
| 2005 Total | 1.273 | . 043 | . 735 | . 067 | 2.374 | 2.442 | . 001 | . 065 | 4.560 | 30.149 |
| 2006 Total | 1.264 | . 040 | . 730 | . 052 | 2.699 | 2.751 | . 004 | . 083 | 4.872 | 29.806 |
| 2007 Total | 1.507 | . 036 | . 830 | . 058 | 2.949 | 3.007 | . 035 | . 069 | 5.482 | 29.221 |
| 2008 Total ................... | 2.071 | . 049 | . 972 | . 061 | 3.739 | 3.800 | . 086 | . 083 | 7.060 | 25.932 |
| 2009 Total .................... | 1.515 | . 032 | 1.082 | . 093 | 4.147 | 4.240 | . 034 | . 062 | 6.965 | 22.741 |
| 2010 January ................ | . 151 | . 006 | . 094 | . 006 | . 327 | . 332 | . 003 | . 004 | . 590 | 1.926 |
| February ............... | . 138 | . 001 | . 089 | . 009 | . 312 | . 321 | . 003 | . 003 | . 556 | 1.681 |
| March ................... | . 169 | (s) | . 100 | . 008 | . 366 | . 374 | . 006 | . 004 | . 654 | 1.865 |
| April ..................... | . 189 | . 001 | . 077 | . 006 | . 404 | . 411 | . 005 | . 004 | . 686 | 1.894 |
| May ...................... | . 186 | . 003 | . 086 | . 007 | . 414 | . 420 | . 003 | . 006 | . 704 | 1.874 |
| June ..................... | . 190 | . 004 | . 091 | . 005 | . 385 | . 391 | . 003 | . 005 | . 684 | 1.872 |
| July ..................... | . 178 | . 003 | . 087 | . 012 | . 428 | . 440 | . 003 | . 005 | . 716 | 1.989 |
| August .................. | . 180 | . 002 | . 085 | . 006 | . 415 | . 421 | . 004 | . 006 | . 698 | 1.929 |
| September ............ | . 184 | . 003 | . 080 | . 011 | . 385 | . 396 | . 004 | . 008 | . 675 | 1.757 |
| October ................. | . 170 | . 003 | . 097 | . 004 | . 429 | . 433 | . 004 | . 007 | . 714 | 1.676 |
| November ............. | . 180 | . 006 | . 125 | . 006 | . 433 | . 439 | . 004 | . 006 | . 760 | 1.529 |
| December ............. | . 186 | . 005 | . 136 | . 007 | . 452 | . 459 | . 007 | . 005 | . 797 | 1.650 |
| Total .................... | 2.101 | . 036 | 1.147 | . 088 | 4.750 | 4.838 | . 046 | . 065 | 8.234 | 21.643 |
| 2011 January ................. | . 218 | . 001 | . 137 | . 013 | . 451 | . 464 | . 006 | . 005 | . 832 | 1.776 |
| February ............... | . 212 | . 002 | . 126 | . 005 | . 395 | . 400 | . 005 | . 005 | . 751 | 1.336 |
| March ................... | . 252 | . 001 | . 146 | . 007 | . 450 | . 457 | . 008 | . 005 | . 869 | 1.631 |
| April ..................... | . 227 | . 001 | . 128 | . 007 | . 473 | . 480 | . 011 | . 005 | . 852 | 1.526 |
| May ...................... | . 232 | . 002 | . 133 | . 007 | . 448 | . 454 | . 007 | . 004 | . 832 | 1.634 |
| June ..................... | . 233 | . 003 | . 121 | . 006 | . 428 | . 434 | . 006 | . 004 | . 802 | 1.605 |
| July ...................... | . 202 | . 003 | . 114 | . 013 | . 485 | . 498 | . 011 | . 004 | . 833 | 1.660 |
| August ................. | . 241 | . 001 | . 112 | . 006 | . 525 | . 531 | . 005 | . 003 | . 893 | 1.502 |
| September ............ | . 224 | . 003 | . 128 | . 006 | . 518 | . 524 | . 010 | . 003 | . 891 | 1.397 |
| October ................. | . 235 | . 002 | . 110 | . 009 | . 522 | . 531 | . 011 | . 003 | . 892 | 1.453 |
| November ............. | . 226 | . 004 | . 129 | . 011 | . 513 | . 524 | . 013 | . 004 | . 900 | 1.369 |
| December ............. | . 249 | . 001 | . 136 | . 010 | . 595 | . 604 | . 014 | . 003 | 1.008 | 1.347 |
| Total .................... | 2.751 | . 024 | 1.521 | . 100 | 5.801 | 5.901 | . 108 | . 051 | 10.356 | 18.234 |
| 2012 January ................. | . 234 | . 001 | . 132 | . 010 | . 478 | . 489 | . 008 | . 003 | . 866 | 1.464 |
| February ............... | . 217 | . 002 | . 131 | . 010 | . 470 | . 480 | . 007 | . 003 | ${ }^{\mathrm{R} .} 840$ | R 1.262 |
| March .................... | . 284 | . 002 | ${ }^{\mathrm{R}} .143$ | . 011 | . 516 | . 527 | . 008 | . 004 | R. 967 | R 1.291 |
| April ..................... | . 321 | . 001 | ${ }^{\mathrm{R}} .123$ | . 006 | . 538 | . 544 | . 007 | . 004 | R 1.001 | R 1.176 |
| May ...................... | . 314 | . 003 | . 135 | . 012 | . 539 | . 552 | . 006 | . 004 | 1.015 | 1.337 |
| 5-Month Total ....... | 1.370 | . 008 | . 664 | . 049 | 2.542 | 2.591 | . 036 | . 018 | 4.688 | 6.530 |
| 2011 5-Month Total ....... | 1.141 | . 007 | . 670 | . 038 | 2.216 | 2.255 | . 038 | . 026 | 4.137 | 7.902 |
| 2010 5-Month Total ....... | . 833 | . 010 | . 447 | . 036 | 1.822 | 1.859 | . 019 | . 022 | 3.189 | 9.241 |

[^6]Web Page: See http://www.eia.gov/totalenergy/data/monthly/\#summary for all available data beginning in 1973.
Sources: - Coal: Tables 6.1 and A5. - Coal Coke: 1973-1975-U.S. Department of the Interior, Bureau of Mines, Minerals Yearbook, "Coke and Coal Chemicals" chapter. 1976-1980-U.S. Energy Information Administration (EIA), Energy Data Report, "Coke and Coal Chemicals," annual reports. 1981 forward-EIA, Quarterly Coal Report, quarterly reports and Table A5.

- Natural Gas: Tables 4.1 and A4. - Crude Oil and Petroleum Products: Tables 3.3b, 10.4, and A2. - Biofuels: Tables 10.3, 10.4 and A3. Electricity: Tables 7.1 and A6.

Figure 1.5 Merchandise Trade Value
(Billion Dollars ${ }^{\text {a }}$ )

Imports and Exports, 1974-2011


Imports and Exports, Monthly

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250-
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Trade Balance, Monthly

 $\begin{array}{ccc}\text { J F MAM J J A SOND J FMAM J J A SOND J FMAM J J A SOND } \\ 2010 & 2011 & 2012\end{array}$

-900 $\begin{array}{llllllll}1975 & 1980 & 1985 & 1990 & 1995 & 2000 & 2005 & 2010\end{array}$

[^7]Table 1.5 Merchandise Trade Value
(Million Dollars ${ }^{\text {a }}$ )

|  | Petroleum ${ }^{\text {b }}$ |  |  | Energy ${ }^{\text {c }}$ |  |  | NonEnergy Balance | Total Merchandise |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Exports | Imports | Balance | Exports | Imports | Balance |  | Exports | Imports | Balance |
| 1974 Total | 792 | 24,668 | -23,876 | 3,444 | 25,454 | -22,010 | 18,126 | 99,437 | 103,321 | -3,884 |
| 1975 Total ............... | 907 | 25,197 | -24,289 | 4,470 | 26,476 | -22,006 | 31,557 | 108,856 | 99,305 | 9,551 |
| 1980 Total | 2,833 | 78,637 | -75,803 | 7,982 | 82,924 | -74,942 | 55,246 | 225,566 | 245,262 | -19,696 |
| 1985 Total | 4,707 | 50,475 | -45,768 | 9,971 | 53,917 | -43,946 | -73,765 | 218,815 | 336,526 | -117,712 |
| 1990 Total ............... | 6,901 | 61,583 | -54,682 | 12,233 | 64,661 | -52,428 | -50,068 | 393,592 | 496,088 | -102,496 |
| 1995 Total ............... | 6,321 | 54,368 | -48,047 | 10,358 | 59,109 | -48,751 | -110,050 | 584,742 | 743,543 | -158,801 |
| 1996 Total | 7,984 | 72,022 | -64,038 | 12,181 | 78,086 | -65,905 | -104,309 | 625,075 | 795,289 | -170,214 |
| 1997 Total ............... | 8,592 | 71,152 | -62,560 | 12,682 | 78,277 | -65,595 | -114,927 | 689,182 | 869,704 | -180,522 |
| 1998 Total ............... | 6,574 | 50,264 | -43,690 | 10,251 | 57,323 | -47,072 | -182,686 | 682,138 | 911,896 | -229,758 |
| 1999 Total | 7,118 | 67,173 | -60,055 | 9,880 | 75,803 | -65,923 | -262,898 | 695,797 | 1,024,618 | -328,821 |
| 2000 Total ............... | 10,192 | 119,251 | -109,059 | 13,179 | 135,367 | -122,188 | -313,916 | 781,918 | 1,218,022 | -436,104 |
| 2001 Total .............. | 8,868 | 102,747 | -93,879 | 12,494 | 121,923 | -109,429 | -302,470 | 729,100 | 1,140,999 | -411,899 |
| 2002 Total ............... | 8,569 | 102,663 | -94,094 | 11,541 | 115,748 | -104,207 | -364,056 | 693,103 | 1,161,366 | -468,263 |
| 2003 Total | 10,209 | 132,433 | -122,224 | 13,768 | 153,298 | -139,530 | -392,820 | 724,771 | 1,257,121 | -532,350 |
| 2004 Total | 13,130 | 179,266 | -166,136 | 18,642 | 206,660 | -188,018 | -462,912 | 818,775 | 1,469,704 | -650,930 |
| 2005 Total ............... | 19,155 | 250,068 | -230,913 | 26,488 | 289,723 | -263,235 | -504,242 | 905,978 | 1,673,455 | -767,477 |
| 2006 Total .............. | 28,171 | 299,714 | -271,543 | 34,711 | 332,500 | -297,789 | -519,515 | 1,036,635 | 1,853,938 | -817,304 |
| 2007 Total | 33,293 | 327,620 | -294,327 | 41,725 | 364,987 | -323,262 | -485,501 | 1,148,199 | 1,956,962 | -808,763 |
| 2008 Total | 61,695 | 449,847 | -388,152 | 76,075 | 491,885 | -415,810 | -400,389 | 1,287,442 | 2,103,641 | -816,199 |
| 2009 Total | 44,509 | 251,833 | -207,324 | 54,536 | 271,739 | -217,203 | -286,379 | 1,056,043 | 1,559,625 | -503,582 |
| 2010 January ........... | 4,083 | 25,234 | -21,151 | 5,236 | 28,075 | -22,839 | -21,285 | 92,601 | 136,725 | -44,124 |
| February .......... | 4,003 | 23,666 | -19,663 | 5,115 | 26,018 | -20,903 | -19,141 | 93,854 | 133,898 | -40,044 |
| March .............. | 5,348 | 28,549 | -23,201 | 6,667 | 30,613 | -23,946 | -23,271 | 110,511 | 157,728 | -47,217 |
| April ................ | 5,680 | 30,016 | -24,336 | 6,970 | 31,657 | -24,687 | -26,034 | 102,443 | 153,163 | -50,721 |
| May ................ | 5,484 | 28,733 | -23,249 | 6,887 | 30,369 | -23,482 | -27,165 | 105,477 | 156,124 | -50,647 |
| June ................ | 4,798 | 29,011 | -24,213 | 6,170 | 30,698 | -24,528 | -36,592 | 107,202 | 168,321 | -61,120 |
| July ............... | 5,505 | 29,218 | -23,713 | 6,760 | 31,113 | -24,353 | -35,451 | 104,057 | 163,861 | -59,804 |
| August ............ | 5,346 | 30,130 | -24,784 | 6,744 | 31,907 | -25,163 | -38,957 | 106,846 | 170,966 | -64,120 |
| September ....... | 5,482 | 27,479 | -21,997 | 6,802 | 28,992 | -22,190 | -37,244 | 107,644 | 167,078 | -59,434 |
| October ............ | 6,084 | 25,556 | -19,472 | 7,318 | 27,056 | -19,738 | -33,397 | 117,104 | 170,239 | -53,135 |
| November ........ | 6,272 | 25,982 | -19,710 | 7,610 | 27,363 | -19,753 | -35,966 | 113,046 | 168,765 | -55,719 |
| December ........ | 6,694 | 29,892 | -23,198 | 8,182 | 31,107 | -22,925 | -25,888 | 117,480 | 166,293 | -48,813 |
| Total ............... | 64,778 | 333,465 | -268,687 | 80,460 | 354,968 | -274,508 | -360,389 | 1,278,263 | 1,913,160 | -634,897 |
| 2011 January ........... | 7,446 | 33,050 | -25,604 | 9,275 | 35,010 | -25,735 | -31,134 | 110,179 | 167,048 | -56,869 |
| February ......... | 6,604 | 27,551 | -20,947 | 8,291 | 29,062 | -20,771 | -25,897 | 109,647 | 156,315 | -46,668 |
| March .............. | 7,841 | 37,096 | -29,255 | 9,958 | 38,763 | -28,805 | -25,442 | 131,728 | 185,975 | -54,247 |
| April ................ | 9,016 | 36,457 | -27,441 | 11,059 | 37,803 | -26,744 | -27,589 | 123,959 | 178,293 | -54,333 |
| May ................. | 8,767 | 41,002 | -32,235 | 10,795 | 42,470 | -31,675 | -33,171 | 124,107 | 188,953 | -64,846 |
| June ................ | 8,032 | 40,872 | -32,840 | 10,039 | 42,305 | -32,266 | -36,274 | 123,039 | 191,579 | -68,540 |
| July ................. | 9,069 | 38,622 | -29,553 | 10,902 | 40,224 | -29,322 | -37,702 | 120,239 | 187,263 | -67,024 |
| August ............ | 9,912 | 39,063 | -29,151 | 11,940 | 40,732 | -28,792 | -40,896 | 126,633 | 196,321 | -69,688 |
| September ....... | 9,202 | 36,467 | -27,265 | 11,141 | 37,741 | -26,600 | -35,855 | 127,107 | 189,562 | -62,455 |
| October ............ | 9,573 | 33,467 | -23,894 | 11,410 | 34,857 | -23,447 | -37,306 | 131,058 | 191,811 | -60,753 |
| November ........ | 9,533 | 35,665 | -26,132 | 11,401 | 36,821 | -25,420 | -38,944 | 125,899 | 190,263 | -64,364 |
| December ........ | 10,501 | 36,831 | -26,330 | 12,353 | 38,083 | -25,730 | -31,876 | 126,837 | 184,443 | -57,606 |
| Total ............... | 105,499 | 436,145 | -330,646 | 128,564 | 453,872 | -325,308 | -402,084 | 1,480,432 | 2,207,824 | -727,392 |
| 2012 January ........... | 8,730 | 37,044 | -28,314 | 10,606 | 38,290 | -27,684 | -37,519 | 118,209 | 183,411 | -65,203 |
| February .......... | 8,605 | 31,171 | -22,566 | 10,124 | 32,250 | -22,126 | -26,181 | 123,428 | 171,735 | -48,307 |
| March .............. | 9,709 | 37,933 | -28,224 | 11,552 | 38,937 | -27,385 | -29,974 | 139,965 | 197,324 | -57,359 |
| April | 10,152 | 38,129 | -27,977 | 12,057 | 39,043 | -26,986 | -35,179 | 127,411 | 189,577 | -62,165 |
| May | 10,056 | 37,835 | -27,779 | 11,858 | 38,829 | -26,971 | R - 39,590 | R 131,735 | R 198,296 | R -66,561 |
| June ................ | 9,228 | 35,043 | -25,815 | 11,100 | 35,910 | -24,810 | -34,147 | 132,871 | 191,828 | -58,957 |
| 6-Month Total | 56,480 | 217,155 | -160,675 | 67,297 | 223,259 | -155,962 | -202,590 | 773,619 | 1,132,171 | -358,553 |
| 2011 6-Month Total | 47,706 | 216,028 | -168,322 | 59,417 | 225,413 | -165,996 | -179,507 | 722,659 | 1,068,161 | -345,502 |
| 2010 6-Month Total | 29,396 | 165,209 | -135,813 | 37,045 | 177,430 | -140,385 | -153,488 | 612,087 | 905,960 | -293,872 |

a Prices are not adjusted for inflation. See "Nominal Dollars" in Glossary.
b Crude oil, petroleum preparations, liquefied propane and butane, and other mineral fuels.
c Petroleum, coal, natural gas, and electricity.
R=Revised.
Notes: - Monthly data are not adjusted for seasonal variations. - See Note, "Merchandise Trade Value," at end of section. - Totals may not equal sum of
components due to independent rounding. - The U.S. import statistics reflect both government and nongovernment imports of merchandise from foreign countries into the U.S. customs territory, which comprises the 50 States, the District of Columbia, Puerto Rico, and the Virgin Islands.

Web Page: See http://www.eia.gov/totalenergy/data/monthly/\#summary for all available data beginning in 1974.

Sources: See end of section.

Figure 1.6 Cost of Fuels to End Users in Real (1982-1984) Dollars

Costs, 1973-2011


Residential Electricity, ${ }^{\text {a }}$ Monthly


Residential Heating Oil, ${ }^{\text {b }}$ Monthly

${ }^{a}$ Includes taxes.
${ }^{\mathrm{b}}$ Excludes taxes.
Note: See "Real Dollars" in Glossary

Costs, May 2012


Motor Gasoline, ${ }^{\text {a }}$ Monthly


Residential Natural Gas, ${ }^{\text {a }}$ Monthly
10.00-


Web Page: http://www.eia.gov/totalenergy/data/monthly/\#summary. Source: Table 1.6.

Table 1.6 Cost of Fuels to End Users in Real (1982-1984) Dollars

|  | Consumer Price Index, All Urban Consumers ${ }^{\text {a }}$ | Motor Gasoline ${ }^{\text {b }}$ |  | Residential Heating Oil ${ }^{\text {c }}$ |  | Residential Natural Gas ${ }^{\text {b }}$ |  | Residential Electricityb |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Index } \\ 1982-1984=100 \end{gathered}$ | Dollars per Gallon | Dollars per Million Btu | Dollars per Gallon | Dollars per Million Btu | Dollars per Thousand Cubic Feet | Dollars per Million Btu | Cents per Kilowatthour | Dollars per Million Btu |
| 1973 Average | 44.4 | NA | NA | NA | NA | 2.91 | 2.85 | 5.6 | 16.50 |
| 1975 Average ................ | 53.8 | NA | NA | NA | NA | 3.18 | 3.12 | 6.5 | 19.07 |
| 1980 Average ................ | 82.4 | 1.482 | 11.85 | 1.182 | 8.52 | 4.47 | 4.36 | 6.6 | 19.21 |
| 1985 Average ................ | 107.6 | 1.112 | 8.89 | 0.979 | 7.06 | 5.69 | 5.52 | 6.87 | 20.13 |
| 1990 Average ................ | 130.7 | 0.931 | 7.44 | 0.813 | 5.86 | 4.44 | 4.31 | 5.99 | 17.56 |
| 1995 Average ................ | 152.4 | 0.791 | 6.37 | 0.569 | 4.10 | 3.98 | 3.87 | 5.51 | 16.15 |
| 1996 Average ................ | 156.9 | 0.821 | 6.61 | 0.630 | 4.54 | 4.04 | 3.94 | 5.33 | 15.62 |
| 1997 Average | 160.5 | 0.804 | 6.48 | 0.613 | 4.42 | 4.32 | 4.21 | 5.25 | 15.39 |
| 1998 Average ................ | 163.0 | 0.684 | 5.51 | 0.523 | 3.77 | 4.18 | 4.05 | 5.07 | 14.85 |
| 1999 Average ................ | 166.6 | 0.733 | 5.91 | 0.526 | 3.79 | 4.02 | 3.91 | 4.90 | 14.36 |
| 2000 Average ................ | 172.2 | 0.908 | 7.32 | 0.761 | 5.49 | 4.51 | 4.39 | 4.79 | 14.02 |
| 2001 Average ................ | 177.1 | 0.864 | 6.97 | 0.706 | 5.09 | 5.44 | 5.28 | 4.84 | 14.20 |
| 2002 Average ................ | 179.9 | 0.801 | 6.46 | 0.628 | 4.52 | 4.39 | 4.28 | 4.69 | 13.75 |
| 2003 Average ................ | 184.0 | 0.890 | 7.18 | 0.736 | 5.31 | 5.23 | 5.09 | 4.74 | 13.89 |
| 2004 Average | 188.9 | 1.018 | 8.20 | 0.819 | 5.91 | 5.69 | 5.55 | 4.74 | 13.89 |
| 2005 Average ................ | 195.3 | 1.197 | 9.64 | 1.051 | 7.58 | 6.50 | 6.33 | 4.84 | 14.18 |
| 2006 Average ................ | 201.6 | 1.307 | 10.52 | 1.173 | 8.46 | 6.81 | 6.63 | 5.16 | 15.12 |
| 2007 Average ................ | 207.342 | 1.374 | 11.06 | 1.250 | 9.01 | 6.31 | 6.14 | 5.14 | 15.05 |
| 2008 Average ................ | 215.303 | 1.541 | 12.40 | 1.495 | 10.78 | 6.45 | 6.28 | 5.23 | 15.33 |
| 2009 Average ................ | 214.537 | 1.119 | 9.01 | 1.112 | 8.02 | 5.66 | 5.52 | 5.37 | 15.72 |
| 2010 January .................. | 216.687 | 1.282 | 10.32 | 1.275 | 9.19 | 4.87 | 4.76 | 4.84 | 14.19 |
| February ................ | 216.741 | 1.250 | 10.06 | 1.226 | 8.84 | 4.93 | 4.82 | 5.02 | 14.73 |
| March . | 217.631 | 1.300 | 10.46 | 1.267 | 9.13 | 5.05 | 4.93 | 5.10 | 14.96 |
| April ....................... | 218.009 | 1.333 | 10.73 | 1.278 | 9.22 | 5.49 | 5.37 | 5.37 | 15.74 |
| May ....................... | 218.178 | 1.336 | 10.75 | 1.248 | 9.00 | 6.01 | 5.88 | 5.46 | 16.00 |
| June | 217.965 | 1.277 | 10.28 | 1.203 | 8.68 | 6.82 | 6.66 | 5.46 | 16.01 |
| July ....................... | 218.011 | 1.277 | 10.27 | 1.185 | 8.55 | 7.44 | 7.27 | 5.52 | 16.19 |
| August ................... | 218.312 | 1.280 | 10.31 | 1.190 | 8.58 | 7.63 | 7.46 | 5.51 | 16.15 |
| September .............. | 218.439 | 1.261 | 10.15 | 1.209 | 8.72 | 7.16 | 7.00 | 5.47 | 16.03 |
| October .................. | 218.711 | 1.300 | 10.46 | 1.278 | 9.21 | 6.11 | 5.98 | 5.42 | 15.89 |
| November ............... | 218.803 | 1.325 | 10.66 | 1.337 | 9.64 | 4.97 | 4.86 | 5.31 | 15.56 |
| December ............... | 219.179 | 1.383 | 11.13 | 1.409 | 10.16 | 4.51 | 4.41 | 5.05 | 14.79 |
| Average ................ | 218.056 | 1.301 | 10.47 | 1.283 | 9.25 | 5.22 | 5.11 | 5.29 | 15.51 |
| 2011 January .................. | 220.223 | 1.425 | 11.47 | 1.476 | 10.64 | 4.45 | 4.35 | 4.97 | 14.57 |
| February ................ | 221.309 | 1.453 | 11.69 | 1.540 | 11.11 | 4.52 | 4.42 | 5.02 | 14.73 |
| March | 223.467 | 1.608 | 12.95 | NA | NA | 4.56 | 4.46 | 5.19 | 15.20 |
| April | 224.906 | 1.718 | 13.83 | NA | NA | 4.91 | 4.80 | 5.22 | 15.31 |
| May | 225.964 | 1.762 | 14.18 | NA | NA | 5.37 | 5.25 | 5.32 | 15.58 |
| June | 225.722 | 1.663 | 13.38 | NA | NA | 6.27 | 6.13 | 5.34 | 15.65 |
| July ........................ | 225.922 | 1.639 | 13.19 | NA | NA | 6.88 | 6.72 | 5.38 | 15.77 |
| August ................... | 226.545 | 1.624 | 13.07 | NA | NA | 7.07 | 6.91 | 5.36 | 15.72 |
| September ............. | 226.889 | 1.615 | 13.00 | NA | NA | 6.65 | 6.50 | 5.40 | 15.82 |
| October .................. | 226.421 | 1.555 | 12.52 | NA | NA | 5.50 | 5.38 | 5.36 | 15.70 |
| November | 226.230 | 1.536 | 12.36 | NA | NA | 4.68 | 4.57 | 5.25 | 15.39 |
| December | 225.672 | 1.475 | 11.87 | NA | NA | 4.29 | 4.20 | 5.10 | 14.96 |
| Average ................ | 224.939 | 1.590 | 12.80 | NA | NA | 4.81 | 4.70 | 5.25 | 15.37 |
| 2012 January .................. | 226.665 | 1.521 | 12.24 | NA | NA | 4.21 | 4.12 | 5.04 | 14.78 |
| February ................ | 227.663 | 1.591 | 12.81 | NA | NA | 4.13 | 4.04 | 5.07 | 14.87 |
| March ..................... | 229.392 | 1.708 | 13.75 | NA | NA | 4.52 | 4.41 | 5.13 | 15.03 |
| April ...................... | 230.085 | 1.728 | 13.91 | NA | NA | 4.67 | 4.57 | 5.19 | 15.22 |
| May ....................... | 229.815 | 1.670 | 13.45 | NA | NA | R 5.30 | R 5.19 | R 5.21 | R 15.27 |
| June ...................... | 229.478 | 1.570 | 12.63 | NA | NA | NA | NA | NA | NA |
| July ........................ | 229.104 | 1.529 | 12.30 | NA | NA | NA | NA | NA | NA |

a Data are U.S. city averages for all items, and are not seasonally adjusted.
b Includes taxes.
c Excludes taxes.
$\mathrm{R}=$ Revised. $N A=$ Not available.
Notes: - See "Real Dollars" in Glossary. - Fuel costs are calculated by using the Urban Consumer Price Index (CPI) developed by the Bureau of Labor Statistics. - Annual averages may not equal average of months due to independent rounding. - Geographic coverage is the 50 States and the District of

Columbia.
Web Page: See http://www.eia.gov/totalenergy/data/monthly/\#summary for all available data beginning in 1973.

Sources: - Fuel Prices: Tables 9.4 (All Types), 9.8c, 9.9, and 9.11, adjusted by the CPI. - Consumer Price Index, All Urban Consumers: U.S. Department of Labor, Bureau of Labor Statistics, series ID CUUR0000SAO. - Conversion Factors: Tables A1, A3, A4, and A6.

Figure 1.7 Primary Energy Consumption per Real Dollar of Gross Domestic Product, 1973-2011 (Thousand Btu per Chained (2005) Dollar)

20-


Note: See "Real Dollars" in Glossary.
Web Page: http://www.eia.gov/totalenergy/data/monthly/\#summary.
Source: Table 1.7.

Table 1.7 Primary Energy Consumption per Real Dollar of Gross Domestic Product

|  | Energy Consumption |  |  | Gross Domestic Product (GDP) | Energy Consumption per Real Dollar of GDP |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Petroleum and Natural Gas | Other Energy ${ }^{\text {a }}$ | Total |  | Petroleum and Natural Gas | Other Energy ${ }^{\text {a }}$ | Total |
|  | Quadrillion Btu |  |  | Billion Chained (2005) Dollars | Thousand Btu per Chained (2005) Dollar |  |  |
| 1973 Year .................. | 57.350 | 18.334 | 75.684 | 4,912.8 | 11.67 | 3.73 | 15.41 |
| 1974 Year ....................... | 55.186 | 18.776 | 73.962 | 4,885.7 | 11.30 | 3.84 | 15.14 |
| 1975 Year ................... | 52.680 | 19.284 | 71.965 | 4,875.4 | 10.81 | 3.96 | 14.76 |
| 1976 Year ................... | 55.523 | 20.452 | 75.975 | 5,136.9 | 10.81 | 3.98 | 14.79 |
| 1977 Year .................. | 57.054 | 20.907 | 77.961 | 5,373.1 | 10.62 | 3.89 | 14.51 |
| 1978 Year .................. | 57.963 | 21.987 | 79.950 | 5,672.8 | 10.22 | 3.88 | 14.09 |
| 1979 Year | 57.788 | 23.070 | 80.859 | 5,850.1 | 9.88 | 3.94 | 13.82 |
| 1980 Year .................. | 54.440 | 23.627 | 78.067 | 5,834.0 | 9.33 | 4.05 | 13.38 |
| 1981 Year ................... | 51.680 | 24.426 | 76.106 | 5,982.1 | 8.64 | 4.08 | 12.72 |
| 1982 Year ................... | 48.588 | 24.511 | 73.099 | 5,865.9 | 8.28 | 4.18 | 12.46 |
| 1983 Year ... | 47.273 | 25.698 | 72.971 | 6,130.9 | 7.71 | 4.19 | 11.90 |
| 1984 Year ................... | 49.447 | 27.185 | 76.632 | 6,571.5 | 7.52 | 4.14 | 11.66 |
| 1985 Year ................... | 48.628 | 27.764 | 76.392 | 6,843.4 | 7.11 | 4.06 | 11.16 |
| 1986 Year .................. | 48.790 | 27.857 | 76.647 | 7,080.5 | 6.89 | 3.93 | 10.83 |
| 1987 Year | 50.504 | 28.551 | 79.054 | 7,307.0 | 6.91 | 3.91 | 10.82 |
| 1988 Year .................. | 52.671 | 30.038 | 82.709 | 7,607.4 | 6.92 | 3.95 | 10.87 |
| 1989 Year ................... | 53.811 | 30.975 | 84.786 | 7,879.2 | 6.83 | 3.93 | 10.76 |
| 1990 Year .................. | 53.155 | 31.330 | 84.485 | 8,027.1 | 6.62 | 3.90 | 10.52 |
| 1991 Year .................. | 52.879 | 31.559 | 84.438 | 8,008.3 | 6.60 | 3.94 | 10.54 |
| 1992 Year ................... | 54.239 | 31.544 | 85.783 | 8,280.0 | 6.55 | 3.81 | 10.36 |
| 1993 Year. | 54.973 | 32.450 | 87.424 | 8,516.2 | 6.46 | 3.81 | 10.27 |
| 1994 Year. | 56.289 | 32.803 | 89.091 | 8,863.1 | 6.35 | 3.70 | 10.05 |
| 1995 Year ................... | 57.110 | 33.920 | 91.029 | 9,086.0 | 6.29 | 3.73 | 10.02 |
| 1996 Year ................... | 58.760 | 35.262 | 94.022 | 9,425.8 | 6.23 | 3.74 | 9.97 |
| 1997 Year ................... | 59.382 | 35.221 | 94.602 | 9,845.9 | 6.03 | 3.58 | 9.61 |
| 1998 Year .................... | 59.646 | 35.372 | 95.018 | 10,274.7 | 5.81 | 3.44 | 9.25 |
| 1999 Year | 60.747 | 35.905 | 96.652 | 10,770.7 | 5.64 | 3.33 | 8.97 |
| 2000 Year ................... | 62.086 | 36.729 | 98.814 | 11,216.4 | 5.54 | 3.27 | 8.81 |
| 2001 Year ................... | 60.958 | 35.210 | 96.168 | 11,337.5 | 5.38 | 3.11 | 8.48 |
| 2002 Year ................... | 61.734 | 35.911 | 97.645 | 11,543.1 | 5.35 | 3.11 | 8.46 |
| 2003 Year ................... | 61.642 | 36.336 | 97.978 | 11,836.4 | 5.21 | 3.07 | 8.28 |
| 2004 Year ................... | 63.215 | 36.947 | 100.162 | 12,246.9 | 5.16 | 3.02 | 8.18 |
| 2005 Year | 62.953 | 37.328 | 100.282 | 12,623.0 | 4.99 | 2.96 | 7.94 |
| 2006 Year ................... | 62.194 | 37.435 | 99.629 | 12,958.5 | 4.80 | 2.89 | 7.69 |
| 2007 Year ................... | 63.437 | 37.859 | 101.296 | 13,206.4 | 4.80 | 2.87 | 7.67 |
| 2008 Year ................... | 61.123 | 38.152 | 99.275 | 13,161.9 | 4.64 | 2.90 | 7.54 |
| 2009 Year ................... | 58.819 | 35.740 | 94.559 | R 12,757.9 | ${ }^{R} 4.61$ | R 2.80 | R 7.41 |
| 2010 Year ................... | 60.266 | 37.401 | 97.667 | ${ }^{\mathrm{R}} 13,063.0$ | ${ }^{\mathrm{R}} 4.61$ | 2.86 | ${ }^{\mathrm{R}} 7.48$ |
| 2011 Year ................... | 60.081 | 37.099 | 97.180 | R 13,299.1 | ${ }^{\mathrm{R}} 4.52$ | 2.79 | ${ }^{\mathrm{R}} 7.31$ |

a Coal, coal coke net imports, nuclear electric power, renewable energy, and electricity net imports.
R=Revised
Notes: - See "Primary Energy Consumption" and "Real Dollars" in Glossary. - Totals may not equal sum of components due to independent rounding. - Geographic coverage is the 50 States and the District of

Columbia.
Web Page: http://www.eia.gov/totalenergy/data/monthly/\#summary.
Sources: - Energy Consumption: Table 1.3. - Gross Domestic Product: U.S. Department of Commerce, Bureau of Economic Analysis, National Income and Product Accounts (July 27, 2012), Table 1.1.6.

Figure 1.8 Motor Vehicle Fuel Economy, 1973-2008
(Miles per Gallon)

${ }^{\text {a }}$ Motorcycles are included through 1989.
Web Page: http://www.eia.gov/totalenergy/data/monthly/\#summary.
Source: Table 1.8.
Table 1.8 Motor Vehicle Mileage, Fuel Consumption, and Fuel Economy

|  | Passenger Cars ${ }^{\text {a }}$ |  |  | Vans, Pickup Trucks, and Sport Utility Vehicles ${ }^{\text {b }}$ |  |  | Heavy-Duty Trucks ${ }^{\text {c }}$ |  |  | All Motor Vehicles ${ }^{\text {d }}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mileage (miles per vehicle) | Fuel Consumption (gallons per vehicle) | Fuel Economy (miles per gallon) | Mileage (miles per vehicle) | Fuel Consumption (gallons per vehicle) | Fuel Economy (miles per gallon) | Mileage (miles per vehicle) | Fuel Consumption (gallons per vehicle) | Fuel Economy (miles per gallon) | Mileage (miles per vehicle) | Fuel Consumption (gallons per vehicle) | Fuel Economy (miles per gallon) |
| 1973 | 9,884 | 737 | 13.4 | 9,779 | 931 | 10.5 | 15,370 | 2,775 | 5.5 | 10,099 | 850 | 11.9 |
| 1974 | 9,221 | 677 | 13.6 | 9,452 | 862 | 11.0 | 14,995 | 2,708 | 5.5 | 9,493 | 788 | 12.0 |
| 1975 | 9,309 | 665 | 14.0 | 9,829 | 934 | 10.5 | 15,167 | 2,722 | 5.6 | 9,627 | 790 | 12.2 |
| 1976 | 9,418 | 681 | 13.8 | 10,127 | 934 | 10.8 | 15,438 | 2,764 | 5.6 | 9,774 | 806 | 12.1 |
| 1977 | 9,517 | 676 | 14.1 | 10,607 | 947 | 11.2 | 16,700 | 3,002 | 5.6 | 9,978 | 814 | 12.3 |
| 1978 | 9,500 | 665 | 14.3 | 10,968 | 948 | 11.6 | 18,045 | 3,263 | 5.5 | 10,077 | 816 | 12.4 |
| 1979 | 9,062 | 620 | 14.6 | 10,802 | 905 | 11.9 | 18,502 | 3,380 | 5.5 | 9,722 | 776 | 12.5 |
| 1980 | 8,813 | 551 | 16.0 | 10,437 | 854 | 12.2 | 18,736 | 3,447 | 5.4 | 9,458 | 712 | 13.3 |
| 1981 | 8,873 | 538 | 16.5 | 10,244 | 819 | 12.5 | 19,016 | 3,565 | 5.3 | 9,477 | 697 | 13.6 |
| 1982 | 9,050 | 535 | 16.9 | 10,276 | 762 | 13.5 | 19,931 | 3,647 | 5.5 | 9,644 | 686 | 14.1 |
| 1983 | 9,118 | 534 | 17.1 | 10,497 | 767 | 13.7 | 21,083 | 3,769 | 5.6 | 9,760 | 686 | 14.2 |
| 1984 | 9,248 | 530 | 17.4 | 11,151 | 797 | 14.0 | 22,550 | 3,967 | 5.7 | 10,017 | 691 | 14.5 |
| 1985 | 9,419 | 538 | 17.5 | 10,506 | 735 | 14.3 | 20,597 | 3,570 | 5.8 | 10,020 | 685 | 14.6 |
| 1986 | 9,464 | 543 | 17.4 | 10,764 | 738 | 14.6 | 22,143 | 3,821 | 5.8 | 10,143 | 692 | 14.7 |
| 1987 | 9,720 | 539 | 18.0 | 11,114 | 744 | 14.9 | 23,349 | 3,937 | 5.9 | 10,453 | 694 | 15.1 |
| 1988 | 9,972 | 531 | 18.8 | 11,465 | 745 | 15.4 | 22,485 | 3,736 | 6.0 | 10,721 | 688 | 15.6 |
| 1989 | $\mathrm{a}_{10,157}$ | ${ }^{5} 533$ | ${ }^{\text {a } 19.0}$ | 11,676 | 724 | 16.1 | 22,926 | 3,776 | 6.1 | 10,932 | 688 | 15.9 |
| 1990 | 10,504 | 520 | 20.2 | 11,902 | 738 | 16.1 | 23,603 | 3,953 | 6.0 | 11,107 | 677 | 16.4 |
| 1991 | 10,571 | 501 | 21.1 | 12,245 | 721 | 17.0 | 24,229 | 4,047 | 6.0 | 11,294 | 669 | 16.9 |
| 1992 | 10,857 | 517 | 21.0 | 12,381 | 717 | 17.3 | 25,373 | 4,210 | 6.0 | 11,558 | 683 | 16.9 |
| 1993 | 10,804 | 527 | 20.5 | 12,430 | 714 | 17.4 | 26,262 | 4,309 | 6.1 | 11,595 | 693 | 16.7 |
| 1994 | 10,992 | 531 | 20.7 | 12,156 | 701 | 17.3 | 25,838 | 4,202 | 6.1 | 11,683 | 698 | 16.7 |
| 1995 | 11,203 | 530 | 21.1 | 12,018 | 694 | 17.3 | 26,514 | 4,315 | 6.1 | 11,793 | 700 | 16.8 |
| 1996 | 11,330 | 534 | 21.2 | 11,811 | 685 | 17.2 | 26,092 | 4,221 | 6.2 | 11,813 | 700 | 16.9 |
| 1997 | 11,581 | 539 | 21.5 | 12,115 | 703 | 17.2 | 27,032 | 4,218 | 6.4 | 12,107 | 711 | 17.0 |
| 1998 | 11,754 | 544 | 21.6 | 12,173 | 707 | 17.2 | 25,397 | 4,135 | 6.1 | 12,211 | 721 | 16.9 |
| 1999 | 11,848 | 553 | 21.4 | 11,957 | 701 | 17.0 | 26,014 | 4,352 | 6.0 | 12,206 | 732 | 16.7 |
| 2000 | 11,976 | 547 | 21.9 | 11,672 | 669 | 17.4 | 25,617 | 4,391 | 5.8 | 12,164 | 720 | 16.9 |
| 2001 | 11,831 | 534 | 22.1 | 11,204 | 636 | 17.6 | 26,602 | 4,477 | 5.9 | 11,887 | 695 | 17.1 |
| 2002 | 12,202 | 555 | 22.0 | 11,364 | 650 | 17.5 | 27,071 | 4,642 | 5.8 | 12,171 | 719 | 16.9 |
| 2003 | 12,325 | 556 | 22.2 | 11,287 | 697 | 16.2 | 28,093 | 4,215 | 6.7 | 12,208 | 718 | 17.0 |
| 2004 | 12,460 | 553 | 22.5 | 11,184 | 690 | 16.2 | 27,023 | 4,057 | 6.7 | 12,200 | 714 | 17.1 |
| 2005 | 12,510 | 567 | 22.1 | 10,920 | 617 | 17.7 | 26,235 | 4,385 | 6.0 | 12,082 | 706 | 17.1 |
| 2006 | 12,485 | 554 | 22.5 | 10,920 | 612 | 17.8 | 25,231 | 4,304 | 5.9 | 12,017 | 698 | 17.2 |
| 2007 | 12,304 | 547 | 22.5 | 10,962 | 609 | 18.0 | 25,152 | 4,275 | 5.9 | 11,920 | 693 | 17.2 |
| $2008{ }^{\text {P }}$ | 11,788 | 522 | 22.6 | 10,951 | 605 | 18.1 | 25,254 | 4,075 | 6.2 | 11,619 | 667 | 17.4 |

[^8]Web Page: http://www.eia.gov/totalenergy/data/monthly/\#summary.
Sources: - Passenger Cars, 1990-1994: U.S. Department of Transportation, Bureau of Transportation Statistics, National Transportation Statistics 1998, Table 4-13. - All Other Data: - 1973-1994-Federal Highway Administration (FHWA), Highway Statistics Summary to 1995, Table VM-201A. - 1995 forward-FHWA, Highway Statistics, annual reports, Table VM-1.

Table 1.9 Heating Degree-Days by Census Division

| Census Divisions | July |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Normal ${ }^{\text {a }}$ | 2011 | 2012 | Percent Change |  |
|  |  |  |  | Normal to 2012 | $\begin{gathered} 2011 \\ \text { to } 2012 \end{gathered}$ |
| New England <br> Connecticut, Maine, Massachusetts, <br> New Hampshire, <br> Rhode Island, Vermont | 11 | 4 | 5 | NM | NM |
| Middle Atlantic <br> New Jersey, New York, Pennsylvania $\qquad$ | 6 | 0 | 1 | NM | NM |
| East North Central Illinois, Indiana, Michigan, Ohio, Wisconsin $\qquad$ | 9 | 1 | 0 | NM | NM |
| West North Central lowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota $\qquad$ | 15 | 2 | 1 | NM | NM |
| South Atlantic <br> Delaware, Florida, Georgia, Maryland and the District of Columbia, North Carolina, South Carolina, Virginia, West Virginia $\qquad$ | 0 | 0 | 0 | NM | NM |
| East South Central <br> Alabama, Kentucky, <br> Mississippi, Tennessee | 0 | 0 | 0 | NM | NM |
| West South Central <br> Arkansas, Louisiana, Oklahoma, Texas | 0 | 0 | 0 | NM | NM |
| Mountain <br> Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, Wyoming $\qquad$ | 19 | 1 | 0 | NM | NM |
| Pacific ${ }^{\text {b }}$ <br> California, Oregon, <br> Washington $\qquad$ <br> U.S. Average ${ }^{\text {b }}$ $\qquad$ | 24 9 | 21 4 | 11 2 | NM NM | NM NM |

a "Normal" is based on calculations of data from 1971 through 2000.
b Excludes Alaska and Hawaii.
NM=Not meaningful (because "Normal" is less than 100 or ratio is incalculable).
Notes: Degree-days are relative measurements of outdoor air temperature used as an index for heating and cooling energy requirements. Heating degree-days are the number of degrees that the daily average temperature falls below $65^{\circ} \mathrm{F}$. Cooling degree-days are the number of degrees that the daily average temperature rises above $65^{\circ} \mathrm{F}$. The daily average temperature is the mean of the maximum and minimum temperatures in a 24 -hour period. For example, a weather station recording an average daily temperature of $40^{\circ}$ F would report 25 heating degree-days for that day (and 0 cooling degree-days). If a weather station recorded an average daily temperature of $78^{\circ} \mathrm{F}$, cooling degree-days for that station would be 13 (and 0 heating degree days).

Web Pages: • See http://www.eia.gov/totalenergy/data/monthly/\#summary
for current data. • See http://www.eia.gov/totalenergy/data/annual/\#summary for historical data.

Sources: There are several degree-day databases maintained by the National Oceanic and Atmospheric Administration. The information published here is developed by the National Weather Service Climate Prediction Center, Camp Springs, MD. The data are available weekly with monthly summaries and are based on mean daily temperatures recorded at about 200 major weather stations around the country. The temperature information recorded at those weather stations is used to calculate statewide degree-day averages based on population. The State figures are then aggregated into Census Divisions and into the national average. The population weights currently used represent resident State population data estimated for the 2000 Census by the U.S. Department of Commerce, Bureau of the Census. The data provided here are available sooner than the Historical Climatology Series 5-1 (heating degree-days) developed by the National Climatic Data Center, Asheville, NC, which compiles data from some 8,000 weather stations.

Table 1.10 Cooling Degree-Days by Census Division

| Census Divisions | July |  |  |  |  | Cumulative January through July |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Normal ${ }^{\text {a }}$ | 2011 | 2012 | Percent Change |  | Normal ${ }^{\text {a }}$ | 2011 | 2012 | Percent Change |  |
|  |  |  |  | Normal to 2012 | $\begin{gathered} 2011 \\ \text { to } 2012 \end{gathered}$ |  |  |  | Normal to 2012 | $\begin{gathered} 2011 \\ \text { to } 2012 \end{gathered}$ |
| New England <br> Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont . |  |  |  |  |  |  |  |  |  |  |
|  | 180 | 255 | 247 | 37 | -3 | 249 | 376 | 366 | 47 | -3 |
| Middle Atlantic <br> New Jersey, New York, Pennsylvania .......... | 247 | 352 | 349 | 41 | -1 | 387 | 581 | 561 | 45 | -3 |
| East North Central Illinois, Indiana, Michigan, Ohio, Wisconsin $\qquad$ | 245 | 385 | 414 | 69 | 8 | 443 | 626 | 725 | 64 | 16 |
| West North Central lowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota $\qquad$ | 308 | 437 | 470 | 53 | 8 | 574 | 749 | 863 | 50 | 15 |
| South Atlantic <br> Delaware, Florida, Georgia, Maryland and the District of Columbia, North Carolina, South Carolina, Virginia, West Virginia | 425 | 509 | 499 | 17 | -2 | 1,105 | 1,413 | 1,329 | 20 | -6 |
| East South Central Alabama, Kentucky, Mississippi, Tennessee | 412 | 494 | 500 | 21 | 1 | 901 | 1,175 | 1,166 | 29 | -1 |
| West South Central Arkansas, Louisiana, Oklahoma, Texas | 545 | 677 | 595 | 9 | -12 | 1,404 | 1,904 | 1,754 | 25 | -8 |
| Mountain <br> Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, Wyoming | 341 | 374 | 387 | 13 | 3 | 715 | 718 | 867 | 21 | 21 |
| Pacific ${ }^{\text {b }}$ <br> California, Oregon, Washington ...... | 188 | 203 | 207 | 10 | 2 | 344 | 281 | 327 | -5 | 16 |
| U.S. Average ${ }^{\text {b }}$. | 321 | 411 | 408 | 27 | -1 | 697 | 892 | 896 | 29 | (s) |

[^9]for historical data.
Sources: There are several degree-day databases maintained by the National Oceanic and Atmospheric Administration. The information published here is developed by the National Weather Service Climate Prediction Center, Camp Springs, MD. The data are available weekly with monthly summaries and are based on mean daily temperatures recorded at about 200 major weather stations around the country. The temperature information recorded at those weather stations is used to calculate statewide degree-day averages based on population. The State figures are then aggregated into Census Divisions and into the national average. The population weights currently used represent resident State population data estimated for the 2000 Census by the U.S. Department of Commerce, Bureau of the Census. The data provided here are available sooner than the Historical Climatology Series 5-2 (cooling degree-days) developed by the National Climatic Data Center, Asheville, NC, which compiles data from some 8,000 weather stations.

## Energy Overview

Note. Merchandise Trade Value. Imports data presented are based on the customs values. Those values do not include insurance and freight and are consequently lower than the cost, insurance, and freight (CIF) values, which are also reported by the Bureau of the Census. All exports data, and imports data prior to 1981, are on a free alongside ship (f.a.s.) basis.
"Balance" is exports minus imports; a positive balance indicates a surplus trade value and a negative balance indicates a deficit trade value. "Energy" includes mineral fuels, lubricants, and related material. "Non-Energy Balance" and "Total Merchandise" include foreign exports (i.e., re-exports) and nonmonetary gold and U.S. Department of Defense Grant-Aid shipments. The "Non-Energy Balance" is calculated by subtracting the "Energy" from the "Total Merchandise Balance."
"Imports" consist of government and nongovernment shipments of merchandise into the 50 States, the District of Columbia, Puerto Rico, the U.S. Virgin Islands, and the U.S. Foreign Trade Zones. They reflect the total arrival from foreign countries of merchandise that immediately entered consumption channels, warehouses, the Foreign Trade Zones, or the Strategic Petroleum Reserve. They exclude shipments between the United States, Puerto Rico, and U.S. possessions, shipments to U.S. Armed Forces and diplomatic missions abroad for their own use, U.S. goods returned to the United States by its Armed Forces, and in-transit shipments.

Table 1.5 Sources
U.S. Department of Commerce, Bureau of the Census, Foreign Trade Division:

## Petroleum Exports

1974-1987: "U.S. Exports," FT-410, December issues.
1988 and 1989: "Report on U.S. Merchandise Trade," Final Revisions.
1990-1992: "U.S. Merchandise Trade," Final Report. 1993-2007: "U.S. International Trade in Goods and Services," Annual Revision.

2008 forward: "U.S. International Trade in Goods and Services," FT-900, monthly.

## Petroleum Imports

1974-1987: "U.S. Merchandise Trade," FT-900, December issues, 1975-1988.
1988 and 1989: "Report on U.S. Merchandise Trade," Final Revisions.
1990-1993: "U.S. Merchandise Trade," Final Report.
1994-2007: "U.S. International Trade in Goods and Services," Annual Revision.
2008 forward: "U.S. International Trade in Goods and Services," FT-900, monthly.

## Energy Exports and Imports

1974-1987: U.S. merchandise trade press releases and database printouts for adjustments.
1988: January-July, monthly FT-900 supplement, 1989 issues.
August-December, monthly FT-900, 1989 issues.
1989: Monthly FT-900, 1990 issues.
1990-1992: "U.S. Merchandise Trade," Final Report.
1993-2007: "U.S. International Trade in Goods and Services," Annual Revision.
2008 forward: "U.S. International Trade in Goods and Services," FT-900, monthly.

## Petroleum, Energy, and Non-Energy Balances

Calculated by the U.S. Energy Information Administration.

## Total Merchandise

1974-1987: U.S. merchandise trade press releases and database printouts for adjustments.
1988: "Report on U.S. Merchandise Trade, 1988 Final Revisions," August 18, 1989.
1989: "Report on U.S. Merchandise Trade, 1989 Revisions," July 10, 1990.
1990: "U.S. Merchandise Trade, 1990 Final Report," May 10, 1991, and "U.S. Merchandise Trade, December 1992," February 18, 1993, page 3.
1991: "U.S. Merchandise Trade, 1992 Final Report," May 12, 1993.
1992-2007: "U.S. International Trade in Goods and Services," Annual Revision.
2008 forward: "U.S. International Trade in Goods and Services," FT-900, monthly.


[^0]:    ${ }^{\text {a }}$ Natural gas plant liquids.
    Web Page: http://www.eia.gov/totalenergy/data/monthly/\#summary. Source: Table 1.2.

[^1]:    a Most data are estimates. See Tables 10.1-10.2c for notes on series components and estimation; and see Note, "Renewable Energy Production and components and estimation; and se
    Cons Beginning in 1989, includes waste coal supplied. Beginning in 2001, also includes a small amount of refuse recovery. See Table 6.1.
    c Includes lease condensate.
    e Conventional hydroelectric power.
    R=Revised. E=Estimate. NA=Not available. (s)=Less than 0.5 trillion Btu.

[^2]:    ${ }^{\text {a }}$ Small quantities of net imports of coal coke and electricity are not shown. Web Page: http://www.eia.gov/totalenergy/data/monthly/\#summary. Source: Table 1.3.

[^3]:    a Most data are estimates. See Tables 10.1-10.2c for notes on series components and estimation; and see Note, "Renewable Energy Production and components and estimation; and sention at end of Section 10.
    Consumption," at end of Section 10.
    b Natural gas only; excludes supplemental gaseous fuels. See Note 3, "Supplemental Gaseous Fuels," at end of Section 4.
    c Petroleum products supplied, including natural gas plant liquids and crude oil burned as fuel. Does not include biofuels that have been blended with petroleum-biofuels are included in "Biomass.
    d Includes coal coke net imports. See Tables 1.4a and 1.4b
    e Conventional hydroelectric power.
    f Includes coal coke net imports and electricity net imports, which are not

[^4]:    ${ }^{\text {a }}$ Coal, coal coke, biofuels, and electricity.
    ${ }^{\mathrm{b}}$ Includes coal coke.

[^5]:    ${ }^{\text {a }}$ Crude oil and lease condensate. Includes imports into the Strategic
    Petroleum Reserve, which began in 1977.
    ${ }^{\text {b }}$ Petroleum products, unfinished oils, pentanes plus, and gasoline

[^6]:    a Net imports equal imports minus exports.
    b Crude oil and lease condensate.
    c Petroleum products, unfinished oils, pentanes plus, and gasoline blending components. Does not include biofuels.
    d Through 2010, data are for biodiesel only. Beginning in 2011, data are for fuel ethanol (minus denaturant) and biodiesel.
    $R=$ Revised. NA=Not available. ( s )=Less than 0.5 trillion Btu.
    Notes: • See "Primary Energy" in Glossary. • Totals may not equal sum of components due to independent rounding. - Geographic coverage is the 50 States and the District of Columbia.

[^7]:    ${ }^{\text {a }}$ Prices are not adjusted for inflation. See "Nominal Dollars" in Glossary. http://www.eia.gov/totalenergy/data/monthly/\#summary.
    Source: Table 1.5.

[^8]:    a Through 1989, includes motorcycles.
    b Includes a small number of trucks with 2 axles and 4 tires, such as step vans.
    c Single-unit trucks with 2 axles and 6 or more tires, and combination trucks.
    ${ }^{d}$ Includes buses and motorcycles, which are not shown separately.
    $\mathrm{P}=$ Preliminary.
    Note: Geographic coverage is the 50 States and the District of Columbia.

[^9]:    a "Normal" is based on calculations of data from 1971 through 2000.
    b Excludes Alaska and Hawaii.
    (s)=Less than 0.5 percent and greater than -0.5 percent.

    Notes: Degree-days are relative measurements of outdoor air temperature used as an index for heating and cooling energy requirements. Cooling degree-days are the number of degrees that the daily average temperature rises above $65^{\circ} \mathrm{F}$. Heating degree-days are the number of degrees that the daily average temperature falls below $65^{\circ} \mathrm{F}$. The daily average temperature is the mean of the maximum and minimum temperatures in a 24 -hour period. For example, if a weather station recorded an average daily temperature of $78^{\circ} \mathrm{F}$, cooling degree-days for that station would be 13 (and 0 heating degree-days). A weather station recording an average daily temperature of $40^{\circ} \mathrm{F}$ would report 25 heating degree-days for that day (and 0 cooling degreedays).

    Web Pages: • See http://www.eia.gov/totalenergy/data/monthly/\#summary for current data. • See http://www.eia.gov/totalenergy/data/annual/\#summary

