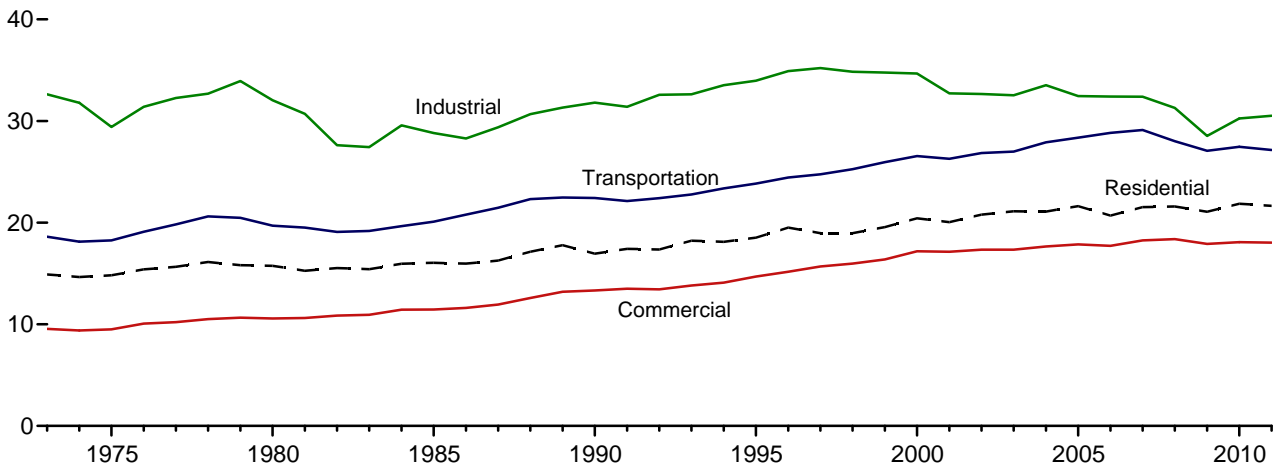


## **2. Energy Consumption by Sector**

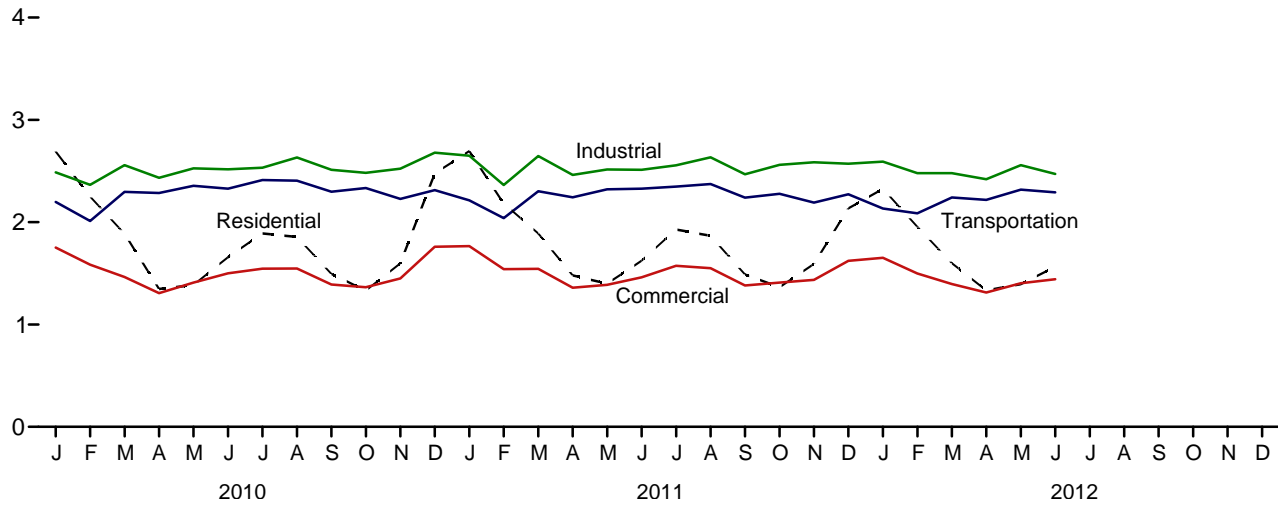
---

**Figure 2.1 Energy Consumption by Sector**  
(Quadrillion Btu)

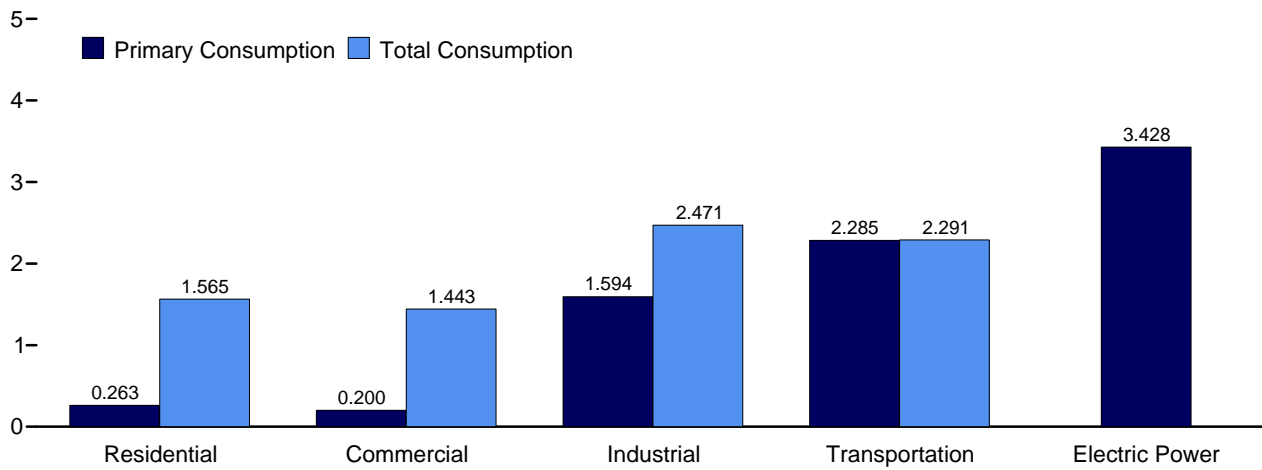
Total Consumption by End-Use Sector, 1973-2011



Total Consumption by End-Use Sector, Monthly



By Sector, June 2012



Web Page: <http://www.eia.gov/totalenergy/data/monthly/#consumption>.  
Source: Table 2.1.

**Table 2.1 Energy Consumption by Sector**  
(Trillion Btu)

|                                 | End-Use Sectors      |                    |                         |                    |                         |                    |                      |                    | Electric Power Sector <sup>c,d</sup> | Balancing Item <sup>g</sup> | Primary Total <sup>h</sup> |
|---------------------------------|----------------------|--------------------|-------------------------|--------------------|-------------------------|--------------------|----------------------|--------------------|--------------------------------------|-----------------------------|----------------------------|
|                                 | Residential          |                    | Commercial <sup>a</sup> |                    | Industrial <sup>b</sup> |                    | Transportation       |                    |                                      |                             |                            |
|                                 | Primary <sup>e</sup> | Total <sup>f</sup> | Primary <sup>e</sup>    | Total <sup>f</sup> | Primary <sup>e</sup>    | Total <sup>f</sup> | Primary <sup>e</sup> | Total <sup>f</sup> |                                      |                             |                            |
| <b>1973 Total</b> .....         | 8,225                | 14,897             | 4,423                   | 9,543              | 24,720                  | 32,623             | 18,577               | 18,613             | 19,731                               | 7                           | 75,684                     |
| <b>1975 Total</b> .....         | 7,990                | 14,813             | 4,059                   | 9,492              | 21,434                  | 29,413             | 18,210               | 18,245             | 20,270                               | 1                           | 71,965                     |
| <b>1980 Total</b> .....         | 7,439                | 15,753             | 4,105                   | 10,578             | 22,595                  | 32,039             | 19,659               | 19,697             | 24,269                               | -1                          | 78,067                     |
| <b>1985 Total</b> .....         | 7,148                | 16,041             | 3,732                   | 11,451             | 19,443                  | 28,816             | 20,041               | 20,088             | 26,032                               | -4                          | 76,392                     |
| <b>1990 Total</b> .....         | 6,557                | 16,945             | 3,896                   | 13,320             | 21,180                  | 31,810             | 22,366               | 22,420             | 30,495                               | -9                          | 84,485                     |
| <b>1995 Total</b> .....         | 6,936                | 18,519             | 4,101                   | 14,690             | 22,719                  | 33,971             | 23,791               | 23,846             | 33,479                               | 3                           | 91,029                     |
| <b>1996 Total</b> .....         | 7,467                | 19,504             | 4,273                   | 15,172             | 23,410                  | 34,904             | 24,383               | 24,437             | 34,485                               | 4                           | 94,022                     |
| <b>1997 Total</b> .....         | 7,033                | 18,965             | 4,295                   | 15,681             | 23,686                  | 35,200             | 24,695               | 24,750             | 34,886                               | 6                           | 94,602                     |
| <b>1998 Total</b> .....         | 6,413                | 18,955             | 4,005                   | 15,968             | 23,177                  | 34,843             | 25,201               | 25,256             | 36,225                               | -3                          | 95,018                     |
| <b>1999 Total</b> .....         | 6,775                | 19,557             | 4,053                   | 16,376             | 22,950                  | 34,764             | 25,891               | 25,949             | 36,976                               | 6                           | 96,652                     |
| <b>2000 Total</b> .....         | 7,159                | 20,425             | 4,278                   | 17,175             | 22,824                  | 34,664             | 26,489               | 26,548             | 38,062                               | 2                           | 98,814                     |
| <b>2001 Total</b> .....         | 6,868                | 20,042             | 4,084                   | 17,137             | 21,794                  | 32,720             | 26,213               | 26,275             | 37,215                               | -6                          | 96,168                     |
| <b>2002 Total</b> .....         | 6,912                | 20,791             | 4,132                   | 17,345             | 21,799                  | 32,662             | 26,781               | 26,842             | 38,016                               | 5                           | 97,645                     |
| <b>2003 Total</b> .....         | 7,211                | 21,110             | 4,283                   | 17,343             | 21,503                  | 32,532             | 26,920               | 26,994             | 38,062                               | -1                          | 97,978                     |
| <b>2004 Total</b> .....         | 6,993                | 21,093             | 4,232                   | 17,659             | 22,412                  | 33,520             | 27,817               | 27,895             | 38,713                               | -6                          | 100,162                    |
| <b>2005 Total</b> .....         | 6,909                | 21,626             | 4,051                   | 17,857             | 21,411                  | 32,446             | 28,272               | 28,353             | 39,638                               | (s)                         | 100,282                    |
| <b>2006 Total</b> .....         | 6,168                | 20,688             | 3,747                   | 17,711             | 21,536                  | 32,401             | 28,751               | 28,830             | 39,428                               | (s)                         | 99,629                     |
| <b>2007 Total</b> .....         | 6,598                | 21,531             | 3,922                   | 18,255             | 21,370                  | 32,394             | 29,029               | 29,117             | 40,377                               | -1                          | 101,296                    |
| <b>2008 Total</b> .....         | 6,817                | 21,596             | 4,073                   | 18,381             | 20,480                  | 31,290             | 27,925               | 28,008             | 39,978                               | (s)                         | 99,275                     |
| <b>2009 Total</b> .....         | 6,619                | 21,064             | 4,061                   | 17,899             | 18,813                  | 28,525             | 26,989               | 27,071             | 38,077                               | (s)                         | 94,559                     |
| <b>2010 January</b> .....       | 1,142                | 2,691              | 617                     | 1,752              | 1,695                   | 2,487              | 2,190                | 2,198              | 3,484                                | 4                           | 9,132                      |
| February .....                  | 985                  | 2,250              | 548                     | 1,585              | 1,601                   | 2,365              | 2,004                | 2,012              | 3,073                                | 1                           | 8,213                      |
| March .....                     | 737                  | 1,887              | 419                     | 1,465              | 1,752                   | 2,557              | 2,290                | 2,297              | 3,008                                | -1                          | 8,205                      |
| April .....                     | 439                  | 1,347              | 277                     | 1,307              | 1,624                   | 2,435              | 2,280                | 2,286              | 2,755                                | -2                          | 7,372                      |
| May .....                       | 328                  | 1,386              | 226                     | 1,410              | 1,612                   | 2,527              | 2,349                | 2,356              | 3,163                                | (s)                         | 7,678                      |
| June .....                      | 268                  | 1,659              | 198                     | 1,501              | 1,608                   | 2,517              | 2,320                | 2,328              | 3,611                                | 2                           | 8,008                      |
| July .....                      | 240                  | 1,889              | 182                     | 1,546              | 1,618                   | 2,532              | 2,404                | 2,411              | 3,934                                | 4                           | 8,383                      |
| August .....                    | 232                  | 1,855              | 186                     | 1,547              | 1,707                   | 2,633              | 2,399                | 2,406              | 3,917                                | 4                           | 8,445                      |
| September .....                 | 237                  | 1,494              | 189                     | 1,390              | 1,671                   | 2,512              | 2,291                | 2,298              | 3,306                                | (s)                         | 7,694                      |
| October .....                   | 343                  | 1,331              | 256                     | 1,364              | 1,644                   | 2,482              | 2,327                | 2,333              | 2,942                                | -1                          | 7,509                      |
| November .....                  | 599                  | 1,597              | 364                     | 1,451              | 1,671                   | 2,523              | 2,221                | 2,228              | 2,944                                | -1                          | 7,797                      |
| December .....                  | 1,054                | 2,476              | 579                     | 1,761              | 1,802                   | 2,679              | 2,307                | 2,314              | 3,488                                | 1                           | 9,231                      |
| <b>Total</b> .....              | <b>6,603</b>         | <b>21,862</b>      | <b>4,039</b>            | <b>18,078</b>      | <b>20,003</b>           | <b>30,250</b>      | <b>27,384</b>        | <b>27,466</b>      | <b>39,626</b>                        | <b>11</b>                   | <b>97,667</b>              |
| <b>2011 January</b> .....       | R 1,177              | R 2,694            | R 637                   | R 1,767            | R 1,821                 | R 2,649            | R 2,206              | R 2,213            | 3,483                                | 1                           | R 9,325                    |
| February .....                  | R 956                | R 2,182            | R 532                   | R 1,541            | R 1,599                 | R 2,363            | R 2,033              | R 2,039            | 3,006                                | -1                          | R 8,125                    |
| March .....                     | R 777                | R 1,889            | R 449                   | R 1,545            | R 1,791                 | R 2,646            | R 2,296              | R 2,303            | 3,070                                | -3                          | R 8,380                    |
| April .....                     | R 482                | R 1,480            | 298                     | 1,359              | R 1,623                 | 2,462              | R 2,236              | R 2,243            | 2,905                                | -2                          | R 7,543                    |
| May .....                       | R 331                | R 1,398            | 221                     | 1,387              | R 1,634                 | 2,515              | R 2,314              | R 2,321            | 3,121                                | -1                          | R 7,621                    |
| June .....                      | R 263                | R 1,624            | 193                     | R 1,461            | R 1,618                 | R 2,512            | R 2,320              | R 2,327            | 3,530                                | 1                           | R 7,925                    |
| July .....                      | R 242                | R 1,928            | R 189                   | R 1,573            | R 1,621                 | R 2,556            | R 2,341              | R 2,348            | 4,012                                | 5                           | R 8,411                    |
| August .....                    | R 253                | R 1,866            | R 205                   | R 1,550            | R 1,715                 | R 2,634            | R 2,366              | R 2,373            | 3,885                                | 3                           | R 8,427                    |
| September .....                 | R 264                | R 1,489            | 211                     | 1,382              | R 1,638                 | R 2,468            | R 2,234              | R 2,240            | 3,232                                | -1                          | R 7,579                    |
| October .....                   | 382                  | R 1,365            | R 292                   | R 1,410            | R 1,700                 | R 2,560            | R 2,271              | R 2,277            | 2,967                                | -2                          | R 7,610                    |
| November .....                  | R 597                | R 1,592            | R 369                   | R 1,436            | R 1,735                 | R 2,585            | R 2,186              | R 2,192            | 2,919                                | -3                          | R 7,803                    |
| December .....                  | R 888                | R 2,135            | R 505                   | R 1,622            | R 1,726                 | R 2,571            | R 2,267              | R 2,274            | 3,215                                | -3                          | R 8,599                    |
| <b>Total</b> .....              | <b>R 6,613</b>       | <b>R 21,646</b>    | <b>R 4,101</b>          | <b>R 18,032</b>    | <b>R 20,221</b>         | <b>R 30,522</b>    | <b>R 27,070</b>      | <b>R 27,151</b>    | <b>R 39,345</b>                      | <b>-5</b>                   | <b>R 97,346</b>            |
| <b>2012 January</b> .....       | R 1,010              | R 2,325            | R 560                   | R 1,653            | R 1,774                 | R 2,591            | R 2,127              | R 2,134            | 3,232                                | -2                          | R 8,701                    |
| February .....                  | R 849                | R 1,955            | 484                     | 1,499              | R 1,683                 | R 2,479            | R 2,080              | R 2,087            | 2,924                                | -3                          | R 8,016                    |
| March .....                     | R 575                | 1,598              | 347                     | 1,396              | R 1,648                 | R 2,479            | R 2,235              | R 2,241            | 2,911                                | -5                          | R 7,710                    |
| April .....                     | 424                  | 1,332              | R 278                   | R 1,312            | R 1,594                 | R 2,420            | R 2,213              | R 2,219            | 2,775                                | R -5                        | R 7,279                    |
| May .....                       | 309                  | 1,394              | R 217                   | 1,403              | R 1,647                 | R 2,558            | R 2,312              | R 2,319            | 3,188                                | R -3                        | R 7,671                    |
| June .....                      | 263                  | 1,565              | 200                     | 1,443              | 1,594                   | 2,471              | 2,285                | 2,291              | 3,428                                | (s)                         | 7,771                      |
| <b>6-Month Total</b> .....      | <b>3,430</b>         | <b>10,170</b>      | <b>2,087</b>            | <b>8,706</b>       | <b>9,940</b>            | <b>14,999</b>      | <b>13,252</b>        | <b>13,291</b>      | <b>18,457</b>                        | <b>-18</b>                  | <b>47,148</b>              |
| <b>2011 6-Month Total</b> ..... | <b>3,987</b>         | <b>11,268</b>      | <b>2,330</b>            | <b>9,061</b>       | <b>10,085</b>           | <b>15,147</b>      | <b>13,406</b>        | <b>13,447</b>      | <b>19,115</b>                        | <b>-5</b>                   | <b>48,918</b>              |
| <b>2010 6-Month Total</b> ..... | <b>3,899</b>         | <b>11,220</b>      | <b>2,284</b>            | <b>9,019</b>       | <b>9,891</b>            | <b>14,889</b>      | <b>13,434</b>        | <b>13,475</b>      | <b>19,095</b>                        | <b>5</b>                    | <b>48,608</b>              |

<sup>a</sup> Commercial sector, including commercial combined-heat-and-power (CHP) and commercial electricity-only plants.

<sup>b</sup> Industrial sector, including industrial combined-heat-and-power (CHP) and industrial electricity-only plants.

<sup>c</sup> 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.

<sup>d</sup> Through 1988, data are for electric utilities only. Beginning in 1989, data are for electric utilities and independent power producers.

<sup>e</sup> See "Primary Energy Consumption" in Glossary.

<sup>f</sup> Total energy consumption in the end-use sectors consists of primary energy consumption, electricity retail sales, and electrical system energy losses. See Note 2, "Electrical System Energy Losses," at end of section.

<sup>g</sup> A balancing item. The sum of primary consumption in the five energy-use sectors equals the sum of total consumption in the four end-use sectors. However, total energy consumption does not equal the sum of the sectoral components due to the use of sector-specific conversion factors for coal and natural gas.

<sup>h</sup> Primary energy consumption total. See Table 1.3.

R=Revised. (s)=Less than 0.5 trillion Btu and greater than -0.5 trillion Btu.

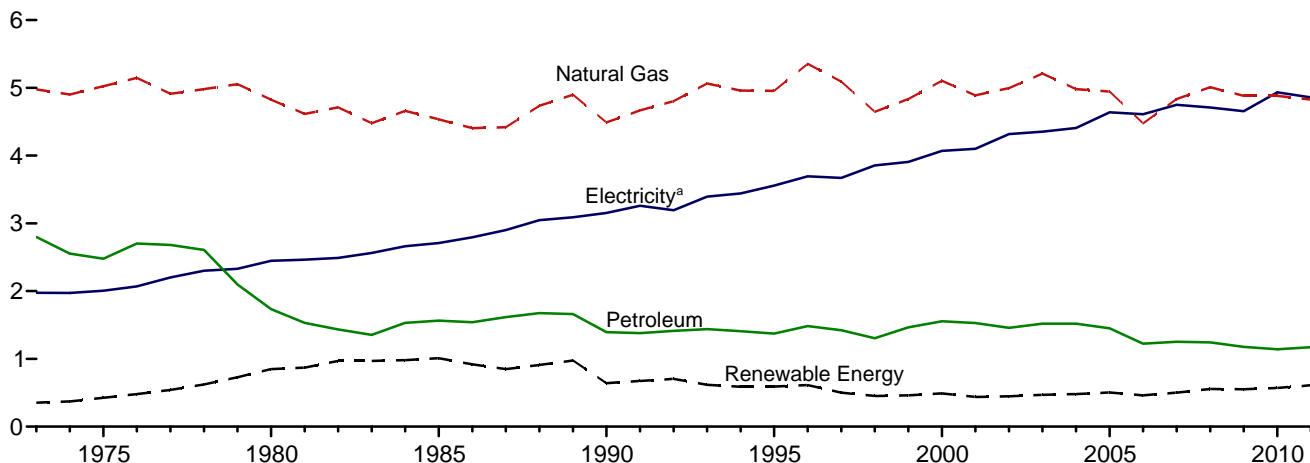
Notes: • See Note, "Classification of Power Plants Into Energy-Use Sectors," at end of Section 7. • See Note 1, "Energy Consumption Data and Surveys," at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

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

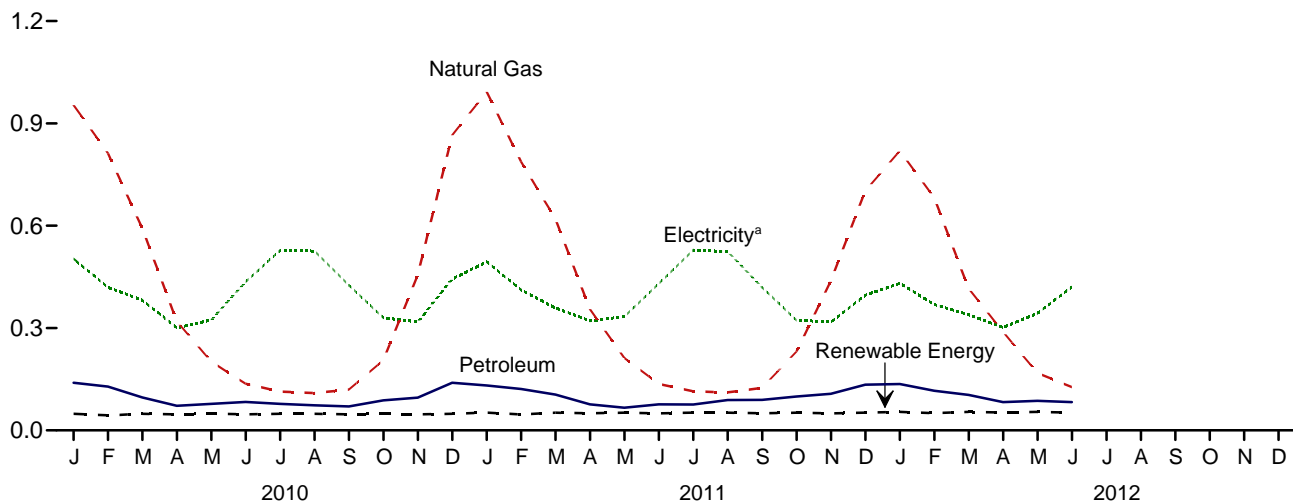
Sources: Tables 1.3 and 2.2-2.6.

**Figure 2.2 Residential Sector Energy Consumption**  
(Quadrillion Btu)

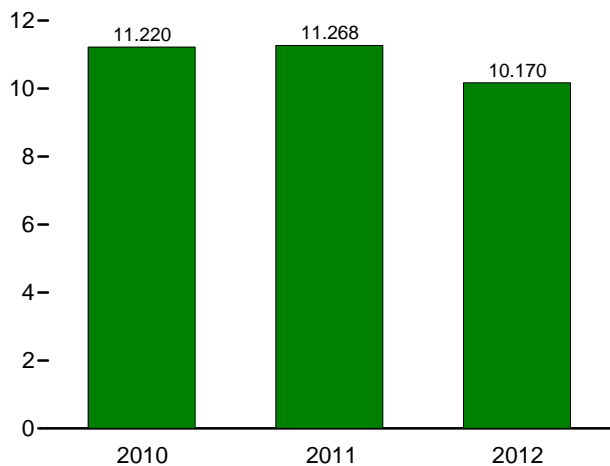
By Major Source, 1973-2011



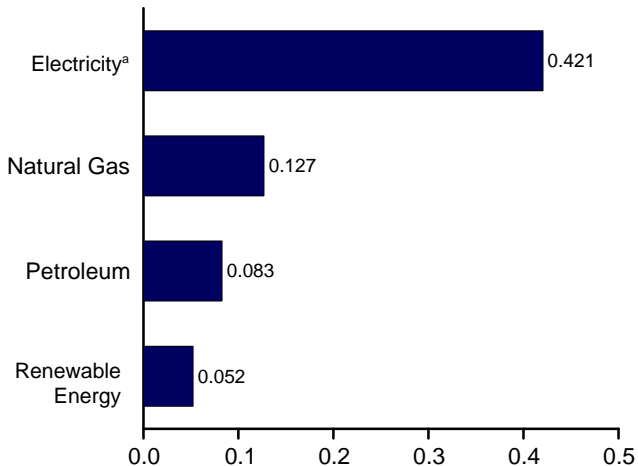
By Major Source, Monthly



Total, January-June



By Major Source, June 2012



<sup>a</sup> Electricity retail sales.  
Web Page: <http://www.eia.gov/totalenergy/data/monthly/#consumption>.  
Source: Table 2.2.

**Table 2.2 Residential Sector Energy Consumption**  
(Trillion Btu)

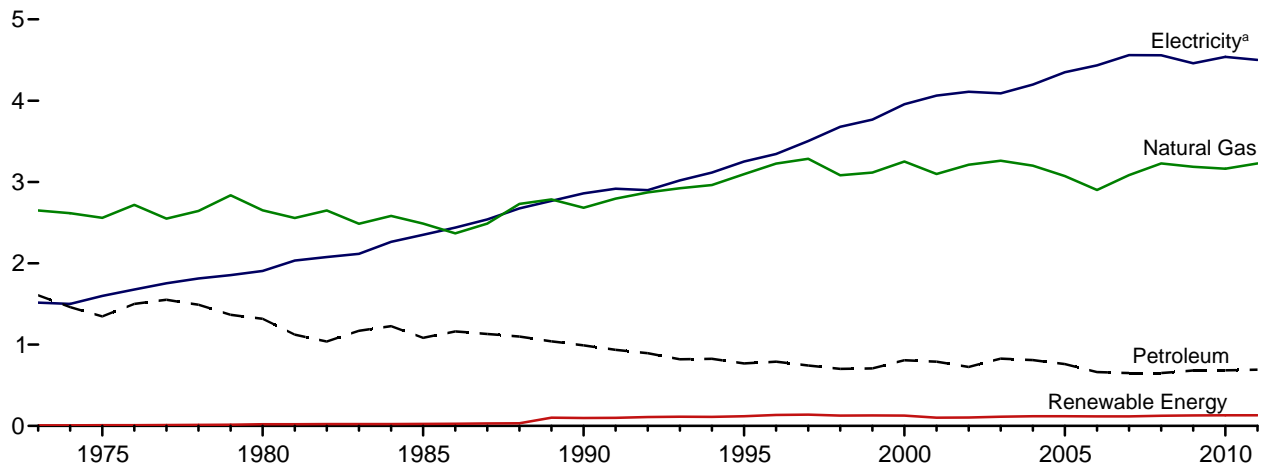
|                                 | Primary Consumption <sup>a</sup> |                          |           |         |                               |          |          |       |               | Electricity Retail Sales <sup>d</sup> | Electrical System Energy Losses <sup>e</sup> | Total    |
|---------------------------------|----------------------------------|--------------------------|-----------|---------|-------------------------------|----------|----------|-------|---------------|---------------------------------------|--|----------|
|                                 | Fossil Fuels                     |                          |           |         | Renewable Energy <sup>b</sup> |          |          |       | Total Primary |                                       |  |          |
|                                 | Coal                             | Natural Gas <sup>c</sup> | Petroleum | Total   | Geo-thermal                   | Solar/PV | Bio-mass | Total |               |                                       |  |          |
| <b>1973 Total</b> .....         | 94                               | 4,977                    | 2,800     | 7,871   | NA                            | NA       | 354      | 354   | 8,225         | 1,976                                 | 4,696  | 14,897   |
| <b>1975 Total</b> .....         | 63                               | 5,023                    | 2,479     | 7,564   | NA                            | NA       | 425      | 425   | 7,990         | 2,007                                 | 4,817  | 14,813   |
| <b>1980 Total</b> .....         | 31                               | 4,825                    | 1,734     | 6,589   | NA                            | NA       | 850      | 850   | 7,439         | 2,448                                 | 5,866  | 15,753   |
| <b>1985 Total</b> .....         | 39                               | 4,534                    | 1,565     | 6,138   | NA                            | NA       | 1,010    | 1,010 | 7,148         | 2,709                                 | 6,184  | 16,041   |
| <b>1990 Total</b> .....         | 31                               | 4,491                    | 1,394     | 5,916   | 6                             | 56       | 580      | 641   | 6,557         | 3,153                                 | 7,235  | 16,945   |
| <b>1995 Total</b> .....         | 17                               | 4,954                    | 1,374     | 6,345   | 7                             | 64       | 520      | 591   | 6,936         | 3,557                                 | 8,026  | 18,519   |
| <b>1996 Total</b> .....         | 17                               | 5,354                    | 1,484     | 6,854   | 7                             | 65       | 540      | 612   | 7,467         | 3,694                                 | 8,344  | 19,504   |
| <b>1997 Total</b> .....         | 16                               | 5,093                    | 1,422     | 6,531   | 8                             | 64       | 430      | 502   | 7,033         | 3,671                                 | 8,261  | 18,965   |
| <b>1998 Total</b> .....         | 12                               | 4,646                    | 1,304     | 5,962   | 8                             | 64       | 380      | 452   | 6,413         | 3,856                                 | 8,686  | 18,955   |
| <b>1999 Total</b> .....         | 14                               | 4,835                    | 1,465     | 6,314   | 9                             | 63       | 390      | 461   | 6,775         | 3,906                                 | 8,875  | 19,557   |
| <b>2000 Total</b> .....         | 11                               | 5,105                    | 1,554     | 6,670   | 9                             | 61       | 420      | 489   | 7,159         | 4,069                                 | 9,197  | 20,425   |
| <b>2001 Total</b> .....         | 12                               | 4,889                    | 1,529     | 6,430   | 9                             | 59       | 370      | 438   | 6,868         | 4,100                                 | 9,074  | 20,042   |
| <b>2002 Total</b> .....         | 12                               | 4,995                    | 1,457     | 6,464   | 10                            | 57       | 380      | 448   | 6,912         | 4,317                                 | 9,562  | 20,791   |
| <b>2003 Total</b> .....         | 12                               | 5,209                    | 1,519     | 6,741   | 13                            | 57       | 400      | 470   | 7,211         | 4,353                                 | 9,546  | 21,110   |
| <b>2004 Total</b> .....         | 11                               | 4,981                    | 1,520     | 6,513   | 14                            | 57       | 410      | 481   | 6,993         | 4,408                                 | 9,691  | 21,093   |
| <b>2005 Total</b> .....         | 8                                | 4,946                    | 1,451     | 6,406   | 16                            | 58       | 430      | 504   | 6,909         | 4,638                                 | 10,079                                       | 21,626   |
| <b>2006 Total</b> .....         | 6                                | 4,476                    | 1,224     | 5,706   | 18                            | 63       | 380      | 462   | 6,168         | 4,611                                 | 9,909  | 20,688   |
| <b>2007 Total</b> .....         | 8                                | 4,835                    | 1,254     | 6,097   | 22                            | 70       | 410      | 502   | 6,598         | 4,750                                 | 10,182                                       | 21,531   |
| <b>2008 Total</b> .....         | 8                                | 5,010                    | 1,243     | 6,261   | 26                            | 80       | 450      | 557   | 6,877         | 4,708                                 | 10,071                                       | 21,596   |
| <b>2009 Total</b> .....         | 8                                | 4,883                    | 1,176     | 6,067   | 33                            | 89       | 430      | 552   | 6,619         | 4,656                                 | 9,789  | 21,064   |
| <b>2010</b> January .....       | 1                                | 953                      | 140       | 1,094   | 3                             | 10       | 36       | 48    | 1,142         | 503                                   | 1,045  | 2,691    |
| February .....                  | 1                                | 812                      | 128       | 941     | 3                             | 9        | 32       | 44    | 985           | 419                                   | 846  | 2,250    |
| March .....                     | 1                                | 592                      | 96        | 689     | 3                             | 10       | 36       | 48    | 737           | 381                                   | 768  | 1,887    |
| April .....                     | (s)                              | 320                      | 72        | 392     | 3                             | 9        | 35       | 47    | 439           | 300                                   | 608  | 1,347    |
| May .....                       | (s)                              | 201                      | 78        | 280     | 3                             | 10       | 36       | 48    | 328           | 324                                   | 734  | 1,386    |
| June .....                      | 1                                | 137                      | 83        | 221     | 3                             | 9        | 35       | 47    | 268           | 435                                   | 956  | 1,659    |
| July .....                      | 1                                | 114                      | 78        | 192     | 3                             | 10       | 36       | 48    | 240           | 528                                   | 1,121  | 1,889    |
| August .....                    | 1                                | 109                      | 74        | 183     | 3                             | 10       | 36       | 48    | 232           | 526                                   | 1,098  | 1,855    |
| September .....                 | (s)                              | 120                      | 70        | 190     | 3                             | 9        | 35       | 47    | 237           | 425                                   | 832  | 1,494    |
| October .....                   | 1                                | 206                      | 88        | 294     | 3                             | 10       | 36       | 48    | 343           | 330                                   | 658  | 1,331    |
| November .....                  | 1                                | 456                      | 96        | 552     | 3                             | 9        | 35       | 47    | 599           | 318                                   | 680  | 1,597    |
| December .....                  | 1                                | 865                      | 140       | 1,006   | 3                             | 10       | 36       | 48    | 1,054         | 444                                   | 978  | 2,476    |
| <b>Total</b> .....              | 7                                | 4,883                    | 1,142     | 6,032   | 37                            | 114      | 420      | 571   | 6,603         | 4,933                                 | 10,326                                       | 21,862   |
| <b>2011</b> January .....       | 1                                | 993                      | R 132     | R 1,125 | 3                             | 12       | 37       | 52    | R 1,177       | 494                                   | 1,023  | R 2,694  |
| February .....                  | 1                                | 787                      | R 121     | R 909   | 3                             | 11       | 33       | 47    | R 956         | 412                                   | 814  | R 2,182  |
| March .....                     | 1                                | R 620                    | R 105     | R 725   | 3                             | 12       | 37       | 52    | R 777         | 358                                   | 754  | R 1,889  |
| April .....                     | (s)                              | R 355                    | R 76      | R 432   | 3                             | 12       | 35       | 50    | R 482         | 321                                   | 677  | R 1,480  |
| May .....                       | (s)                              | 212                      | R 67      | R 279   | 3                             | 12       | 37       | 52    | R 331         | 334                                   | 733  | R 1,398  |
| June .....                      | (s)                              | 136                      | R 76      | R 213   | 3                             | 12       | 35       | 50    | R 263         | 430                                   | 931  | R 1,624  |
| July .....                      | (s)                              | 114                      | R 76      | R 190   | 3                             | 12       | 37       | 52    | R 242         | 528                                   | 1,158  | R 1,928  |
| August .....                    | (s)                              | 112                      | R 89      | R 201   | 3                             | 12       | 37       | 52    | R 253         | 524                                   | 1,089  | R 1,866  |
| September .....                 | (s)                              | 124                      | R 89      | R 214   | 3                             | 12       | 35       | 50    | R 264         | 419                                   | 806  | R 1,489  |
| October .....                   | (s)                              | R 231                    | R 99      | R 331   | 3                             | 12       | 37       | 52    | 382           | 323                                   | 659  | R 1,365  |
| November .....                  | (s)                              | 439                      | R 107     | R 547   | 3                             | 12       | 35       | 50    | R 597         | 318                                   | 678  | R 1,592  |
| December .....                  | R 1                              | 702                      | R 134     | R 837   | 3                             | 12       | 37       | 52    | R 888         | 396                                   | 851  | R 2,135  |
| <b>Total</b> .....              | 6                                | R 4,825                  | R 1,171   | R 6,003 | 40                            | 140      | 430      | 610   | R 6,613       | 4,858                                 | 10,176                                       | R 21,646 |
| <b>2012</b> January .....       | 1                                | R 820                    | R 136     | R 956   | 3                             | 14       | 36       | 54    | R 1,010       | 432                                   | 884  | R 2,325  |
| February .....                  | 1                                | 682                      | R 116     | R 798   | 3                             | 13       | 34       | 51    | R 849         | 369                                   | 737  | R 1,955  |
| March .....                     | (s)                              | 416                      | R 104     | 520     | 3                             | 14       | 36       | 54    | R 575         | 339                                   | 685  | 1,598    |
| April .....                     | R (s)                            | 289                      | R 83      | 372     | 3                             | 14       | 35       | 52    | 424           | 302                                   | 606  | 1,332    |
| May .....                       | (s)                              | 168                      | R 87      | 255     | 3                             | 14       | 36       | 54    | 309           | 343                                   | 741  | 1,394    |
| June .....                      | (s)                              | 127                      | 83        | 210     | 3                             | 14       | 35       | 52    | 263           | 421                                   | 881  | 1,565    |
| <b>6-Month Total</b> .....      | 3                                | 2,501                    | 609       | 3,112   | 20                            | 84       | 214      | 318   | 3,430         | 2,205                                 | 4,534  | 10,170   |
| <b>2011 6-Month Total</b> ..... | 4                                | 3,103                    | 577       | 3,684   | 20                            | 70       | 213      | 303   | 3,987         | 2,349                                 | 4,932  | 11,268   |
| <b>2010 6-Month Total</b> ..... | 4                                | 3,015                    | 597       | 3,616   | 18                            | 57       | 208      | 283   | 3,899         | 2,363                                 | 4,958  | 11,220   |

<sup>a</sup> See "Primary Energy Consumption" in Glossary.  
<sup>b</sup> Data are estimates. See Table 10.2a for notes on series components.  
<sup>c</sup> Natural gas only; excludes the estimated portion of supplemental gaseous fuels. See Note 3, "Supplemental Gaseous Fuels," at end of Section 4.  
<sup>d</sup> Electricity retail sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.  
<sup>e</sup> Total losses are calculated as the primary energy consumed by the electric power sector minus the energy content of electricity retail sales. Total losses are allocated to the end-use sectors in proportion to each sector's share of total

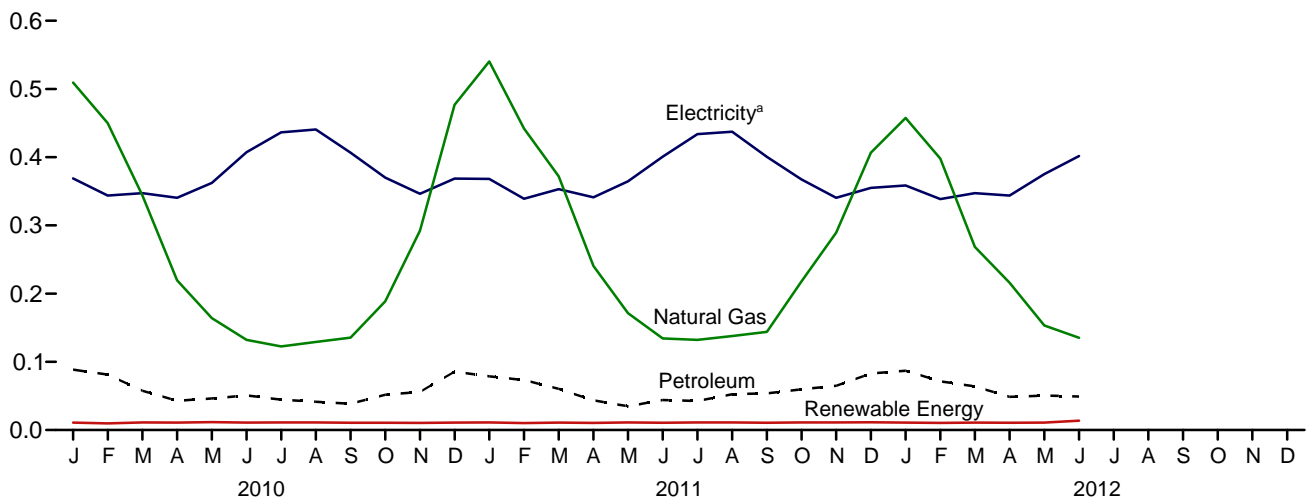
electricity retail sales. See Note 2, "Electrical System Energy Losses," at end of section.  
R=Revised. NA=Not available. (s)=Less than 0.5 trillion Btu.  
Notes: • See Note 1, "Energy Consumption Data and Surveys," at end of section. • Totals may not equal sum of components due to independent rounding.  
• Geographic coverage is the 50 States and the District of Columbia.  
Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#consumption> for all available data beginning in 1973.  
Sources: Tables 2.6, 3.8a, 4.3, 6.2, 7.6, 10.2a, A4, A5, and A6.

**Figure 2.3 Commercial Sector Energy Consumption**  
(Quadrillion Btu)

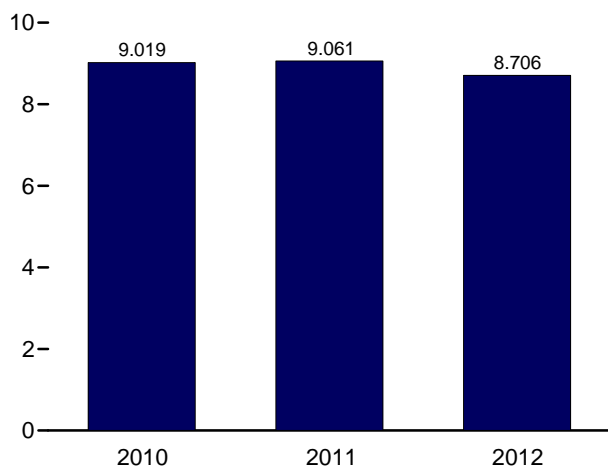
By Major Source, 1973-2011



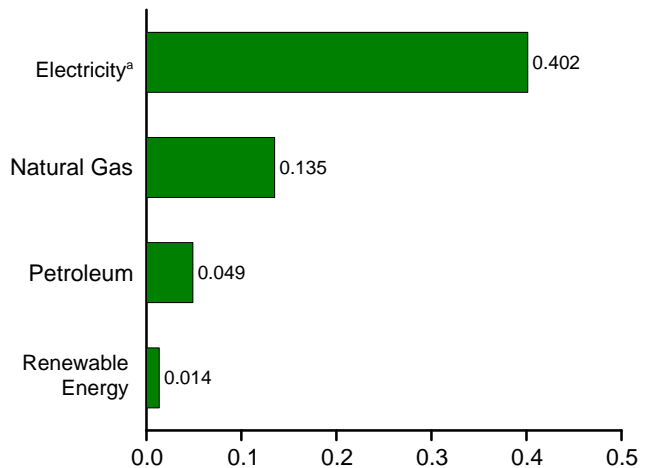
By Major Source, Monthly



Total, January-June



By Major Source, June 2012



<sup>a</sup> Electricity retail sales.  
Web Page: <http://www.eia.doe.gov/emeu/mer/consump.html>.  
Source: Table 2.3.

**Table 2.3 Commercial Sector Energy Consumption**  
(Trillion Btu)

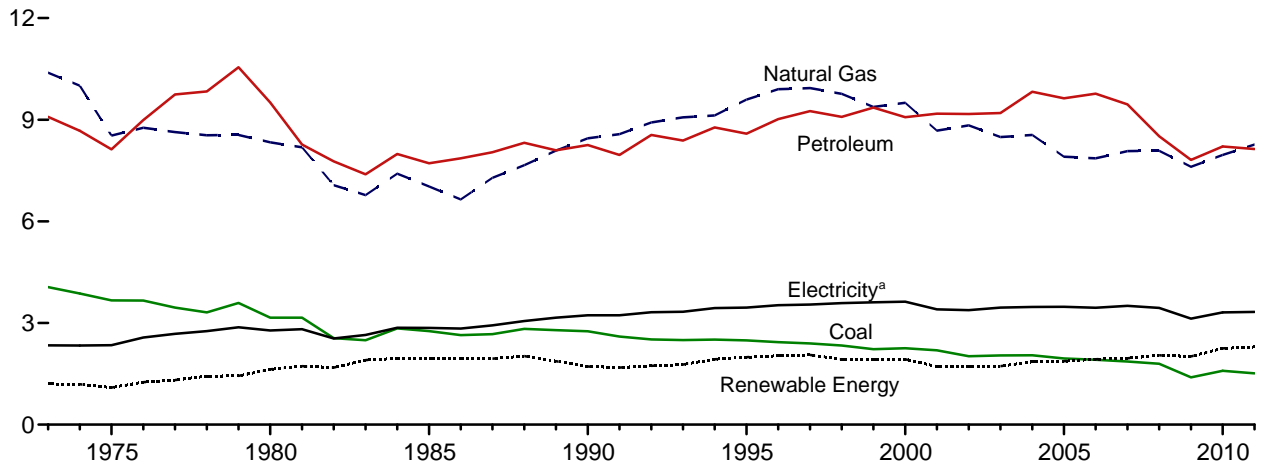
|                                 | Primary Consumption <sup>a</sup> |                          |                        |                |                                  |            |            |            |            |            | Electricity Retail Sales <sup>f</sup> | Electrical System Energy Losses <sup>g</sup> | Total        |                 |
|---------------------------------|----------------------------------|--------------------------|------------------------|----------------|----------------------------------|------------|------------|------------|------------|------------|---------------------------------------|--|--------------|-----------------|
|                                 | Fossil Fuels                     |                          |                        |                | Renewable Energy <sup>d</sup>    |            |            |            |            |            |                                       |  |              |                 |
|                                 | Coal                             | Natural Gas <sup>c</sup> | Petroleum <sup>d</sup> | Total          | Hydroelectric Power <sup>e</sup> | Geothermal | Solar/PV   | Wind       | Biomass    | Total      |                                       |  |              | Total Primary   |
| <b>1973 Total</b> .....         | 160                              | 2,649                    | 1,607                  | 4,416          | NA                               | NA         | NA         | NA         | 7          | 7          | 4,423                                 | 1,517  | 3,604        | 9,543           |
| <b>1975 Total</b> .....         | 147                              | 2,558                    | 1,346                  | 4,051          | NA                               | NA         | NA         | NA         | 8          | 8          | 4,059                                 | 1,598  | 3,835        | 9,492           |
| <b>1980 Total</b> .....         | 115                              | 2,651                    | 1,318                  | 4,084          | NA                               | NA         | NA         | NA         | 21         | 21         | 4,105                                 | 1,906  | 4,567        | 10,578          |
| <b>1985 Total</b> .....         | 137                              | 2,488                    | 1,083                  | 3,708          | NA                               | NA         | NA         | NA         | 24         | 24         | 3,732                                 | 2,351  | 5,368        | 11,451          |
| <b>1990 Total</b> .....         | 124                              | 2,682                    | 991                    | 3,798          | 1                                | 3          | —          | —          | 94         | 98         | 3,896                                 | 2,860  | 6,564        | 13,320          |
| <b>1995 Total</b> .....         | 117                              | 3,096                    | 769                    | 3,982          | 1                                | 5          | —          | —          | 113        | 118        | 4,101                                 | 3,252  | 7,338        | 14,690          |
| <b>1996 Total</b> .....         | 122                              | 3,226                    | 790                    | 4,138          | 1                                | 5          | —          | —          | 129        | 135        | 4,273                                 | 3,344  | 7,555        | 15,172          |
| <b>1997 Total</b> .....         | 129                              | 3,285                    | 743                    | 4,157          | 1                                | 6          | —          | —          | 131        | 138        | 4,295                                 | 3,503  | 7,883        | 15,681          |
| <b>1998 Total</b> .....         | 93                               | 3,083                    | 702                    | 3,878          | 1                                | 7          | —          | —          | 118        | 127        | 4,005                                 | 3,678  | 8,285        | 15,968          |
| <b>1999 Total</b> .....         | 103                              | 3,115                    | 707                    | 3,925          | 1                                | 7          | —          | —          | 121        | 129        | 4,053                                 | 3,766  | 8,557        | 16,376          |
| <b>2000 Total</b> .....         | 92                               | 3,252                    | 807                    | 4,150          | 1                                | 8          | —          | —          | 119        | 128        | 4,278                                 | 3,956  | 8,942        | 17,175          |
| <b>2001 Total</b> .....         | 97                               | 3,097                    | 790                    | 3,984          | 1                                | 8          | —          | —          | 92         | 101        | 4,084                                 | 4,062  | 8,990        | 17,137          |
| <b>2002 Total</b> .....         | 90                               | 3,212                    | 726                    | 4,028          | (s)                              | 9          | —          | —          | 95         | 104        | 4,132                                 | 4,110  | 9,104        | 17,345          |
| <b>2003 Total</b> .....         | 82                               | 3,261                    | 827                    | 4,170          | 1                                | 11         | —          | —          | 101        | 113        | 4,283                                 | 4,090  | 8,969        | 17,343          |
| <b>2004 Total</b> .....         | 103                              | 3,201                    | 809                    | 4,113          | 1                                | 12         | —          | —          | 105        | 118        | 4,232                                 | 4,198  | 9,229        | 17,659          |
| <b>2005 Total</b> .....         | 97                               | 3,073                    | 761                    | 3,932          | 1                                | 14         | —          | —          | 105        | 120        | 4,051                                 | 4,351  | 9,455        | 17,857          |
| <b>2006 Total</b> .....         | 65                               | 2,902                    | 663                    | 3,629          | 1                                | 14         | —          | —          | 103        | 118        | 3,747                                 | 4,435  | 9,529        | 17,711          |
| <b>2007 Total</b> .....         | 70                               | 3,085                    | 649                    | 3,805          | 1                                | 14         | —          | —          | 103        | 118        | 3,922                                 | 4,560  | 9,773        | 18,255          |
| <b>2008 Total</b> .....         | 69                               | 3,228                    | 651                    | 3,948          | 1                                | 15         | (s)        | —          | 109        | 125        | 4,073                                 | 4,558  | 9,749        | 18,381          |
| <b>2009 Total</b> .....         | 63                               | 3,187                    | 682                    | 3,932          | 1                                | 17         | (s)        | (s)        | 112        | 129        | 4,061                                 | 4,460  | 9,378        | 17,899          |
| <b>2010</b>                     |                                  |                          |                        |                |                                  |            |            |            |            |            |                                       |  |              |                 |
| January .....                   | 8                                | 509                      | 89                     | 606            | (s)                              | 2          | (s)        | (s)        | 9          | 11         | 617                                   | 369  | 766          | 1,752           |
| February .....                  | 7                                | 450                      | 81                     | 538            | (s)                              | 1          | (s)        | (s)        | 8          | 10         | 548                                   | 344  | 694          | 1,585           |
| March .....                     | 6                                | 344                      | 58                     | 407            | (s)                              | 2          | (s)        | (s)        | 9          | 11         | 419                                   | 347  | 699          | 1,465           |
| April .....                     | 4                                | 220                      | 43                     | 266            | (s)                              | 2          | (s)        | (s)        | 9          | 11         | 277                                   | 340  | 689          | 1,307           |
| May .....                       | 4                                | 164                      | 46                     | 214            | (s)                              | 2          | (s)        | (s)        | 10         | 12         | 226                                   | 362  | 822          | 1,410           |
| June .....                      | 4                                | 132                      | 51                     | 187            | (s)                              | 2          | (s)        | (s)        | 9          | 11         | 198                                   | 407  | 896          | 1,501           |
| July .....                      | 4                                | 123                      | 44                     | 171            | (s)                              | 2          | (s)        | (s)        | 9          | 11         | 182                                   | 436  | 927          | 1,546           |
| August .....                    | 4                                | 129                      | 41                     | 175            | (s)                              | 2          | (s)        | (s)        | 10         | 11         | 186                                   | 441  | 920          | 1,547           |
| September .....                 | 4                                | 135                      | 39                     | 178            | (s)                              | 2          | (s)        | (s)        | 9          | 11         | 189                                   | 406  | 795          | 1,390           |
| October .....                   | 5                                | 189                      | 52                     | 245            | (s)                              | 2          | (s)        | (s)        | 9          | 11         | 256                                   | 370  | 738          | 1,364           |
| November .....                  | 5                                | 292                      | 56                     | 353            | (s)                              | 2          | (s)        | (s)        | 9          | 10         | 364                                   | 346  | 741          | 1,451           |
| December .....                  | 6                                | 477                      | 85                     | 568            | (s)                              | 2          | (s)        | (s)        | 9          | 11         | 579                                   | 369  | 813          | 1,761           |
| <b>Total</b> .....              | <b>60</b>                        | <b>3,164</b>             | <b>685</b>             | <b>3,908</b>   | <b>1</b>                         | <b>19</b>  | <b>(s)</b> | <b>(s)</b> | <b>111</b> | <b>130</b> | <b>4,039</b>                          | <b>4,539</b>                                 | <b>9,501</b> | <b>18,078</b>   |
| <b>2011</b>                     |                                  |                          |                        |                |                                  |            |            |            |            |            |                                       |  |              |                 |
| January .....                   | 7                                | 540                      | R 79                   | R 626          | (s)                              | 2          | (s)        | (s)        | 9          | 11         | R 637                                 | 368  | 762          | R 1,767         |
| February .....                  | 6                                | 442                      | R 73                   | R 522          | (s)                              | 2          | (s)        | (s)        | 9          | 10         | R 532                                 | 339  | 670          | R 1,541         |
| March .....                     | 6                                | 372                      | 60                     | R 438          | (s)                              | 2          | (s)        | (s)        | 9          | 11         | R 449                                 | 353  | 742          | R 1,545         |
| April .....                     | 4                                | 241                      | 43                     | R 288          | (s)                              | 2          | (s)        | (s)        | 9          | 10         | 298                                   | 341  | 720          | 1,359           |
| May .....                       | 4                                | 171                      | R 35                   | 210            | (s)                              | 2          | (s)        | (s)        | 9          | 11         | 221                                   | 365  | 802          | 1,387           |
| June .....                      | 4                                | R 134                    | R 44                   | 182            | (s)                              | 2          | (s)        | (s)        | 9          | 11         | 193                                   | 401  | 868          | R 1,461         |
| July .....                      | 3                                | R 132                    | 42                     | R 178          | (s)                              | 2          | (s)        | (s)        | 9          | 11         | R 189                                 | 434  | 950          | R 1,573         |
| August .....                    | 3                                | R 138                    | 52                     | R 194          | (s)                              | 2          | (s)        | (s)        | 9          | 11         | R 205                                 | 437  | 908          | R 1,550         |
| September .....                 | 3                                | 144                      | 54                     | 201            | (s)                              | 2          | (s)        | (s)        | 9          | 11         | 211                                   | 401  | 770          | 1,382           |
| October .....                   | 3                                | R 218                    | R 60                   | R 281          | (s)                              | 2          | (s)        | (s)        | 9          | 11         | R 292                                 | 367  | 751          | R 1,410         |
| November .....                  | 4                                | R 289                    | R 65                   | R 358          | (s)                              | 2          | (s)        | (s)        | 9          | 11         | R 369                                 | 340  | 726          | R 1,436         |
| December .....                  | 4                                | 406                      | R 83                   | R 494          | (s)                              | 2          | (s)        | (s)        | 10         | 11         | R 505                                 | 355  | 762          | R 1,622         |
| <b>Total</b> .....              | <b>R 52</b>                      | <b>R 3,228</b>           | <b>R 691</b>           | <b>R 3,970</b> | <b>1</b>                         | <b>20</b>  | <b>(s)</b> | <b>(s)</b> | <b>110</b> | <b>131</b> | <b>R 4,101</b>                        | <b>4,501</b>                                 | <b>9,429</b> | <b>R 18,032</b> |
| <b>2012</b>                     |                                  |                          |                        |                |                                  |            |            |            |            |            |                                       |  |              |                 |
| January .....                   | 5                                | R 458                    | 87                     | 549            | (s)                              | 2          | (s)        | (s)        | 9          | 11         | R 560                                 | 359  | 734          | R 1,653         |
| February .....                  | 4                                | R 398                    | 71                     | R 473          | (s)                              | 2          | (s)        | (s)        | 9          | 10         | 484                                   | 339  | 676          | 1,499           |
| March .....                     | 4                                | 268                      | 64                     | 336            | (s)                              | 2          | (s)        | (s)        | 9          | 11         | 347                                   | 347  | 702          | 1,396           |
| April .....                     | R 3                              | 216                      | 49                     | R 267          | (s)                              | 2          | (s)        | (s)        | 9          | 11         | R 278                                 | 344  | 691          | R 1,312         |
| May .....                       | 3                                | 153                      | R 51                   | R 206          | (s)                              | 2          | (s)        | (s)        | 9          | 11         | R 217                                 | 375  | 810          | 1,403           |
| June .....                      | 2                                | 135                      | 49                     | 187            | (s)                              | 2          | (s)        | (s)        | 12         | 14         | 200                                   | 402  | 841          | 1,443           |
| <b>6-Month Total</b> .....      | <b>20</b>                        | <b>1,628</b>             | <b>371</b>             | <b>2,019</b>   | <b>(s)</b>                       | <b>10</b>  | <b>(s)</b> | <b>(s)</b> | <b>57</b>  | <b>67</b>  | <b>2,087</b>                          | <b>2,165</b>                                 | <b>4,454</b> | <b>8,706</b>    |
| <b>2011 6-Month Total</b> ..... | <b>31</b>                        | <b>1,900</b>             | <b>335</b>             | <b>2,266</b>   | <b>1</b>                         | <b>10</b>  | <b>(s)</b> | <b>(s)</b> | <b>54</b>  | <b>64</b>  | <b>2,330</b>                          | <b>2,167</b>                                 | <b>4,564</b> | <b>9,061</b>    |
| <b>2010 6-Month Total</b> ..... | <b>32</b>                        | <b>1,819</b>             | <b>367</b>             | <b>2,218</b>   | <b>1</b>                         | <b>9</b>   | <b>(s)</b> | <b>(s)</b> | <b>56</b>  | <b>65</b>  | <b>2,284</b>                          | <b>2,170</b>                                 | <b>4,566</b> | <b>9,019</b>    |

<sup>a</sup> See "Primary Energy Consumption" in Glossary.  
<sup>b</sup> Most data are estimates. See Table 10.2a for notes on series components and estimation.  
<sup>c</sup> Natural gas only; excludes the estimated portion of supplemental gaseous fuels. See Note 3, "Supplemental Gaseous Fuels," at end of Section 4.  
<sup>d</sup> Does not include biofuels that have been blended with petroleum—biofuels are included in "Biomass."  
<sup>e</sup> Conventional hydroelectric power.  
<sup>f</sup> Electricity retail sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.  
<sup>g</sup> Total losses are calculated as the primary energy consumed by the electric power sector minus the energy content of electricity retail sales. Total losses are allocated to the end-use sectors in proportion to each sector's share of total

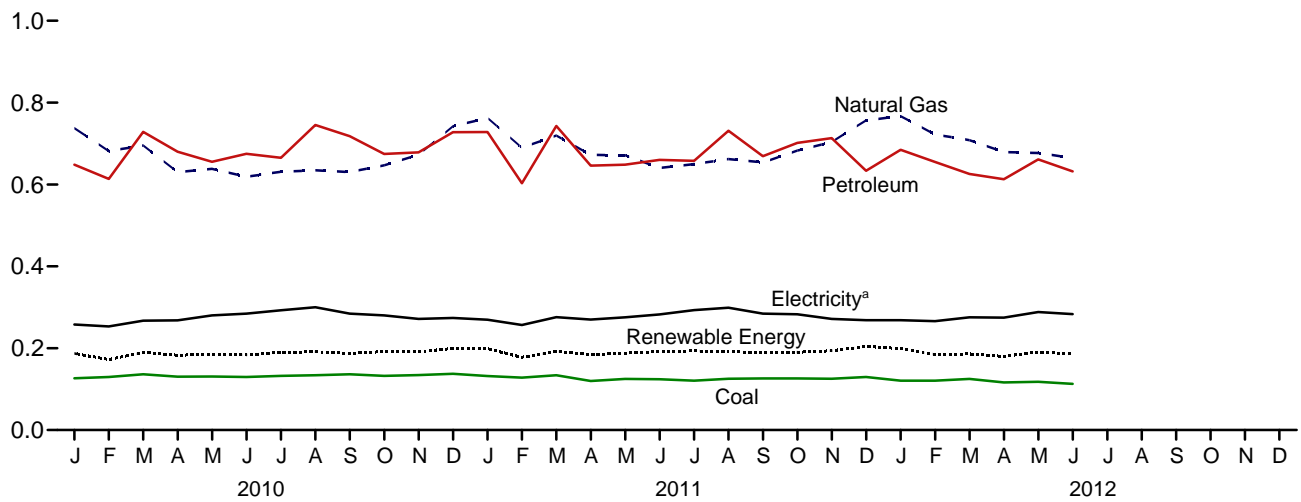
electricity retail sales. See Note 2, "Electrical System Energy Losses," at end of section.  
R=Revised. NA=Not available. —=No data reported. (s)=Less than 0.5 trillion Btu.  
Notes: • The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants. See Note, "Classification of Power Plants Into Energy-Use Sectors," at end of Section 7. • See Note 1, "Energy Consumption Data and Surveys," at end of section. • 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/#consumption> for all available data beginning in 1973.  
Sources: Tables 2.6, 3.8a, 4.3, 6.2, 7.6, 10.2a, A4, A5, and A6.

**Figure 2.4 Industrial Sector Energy Consumption**  
(Quadrillion Btu)

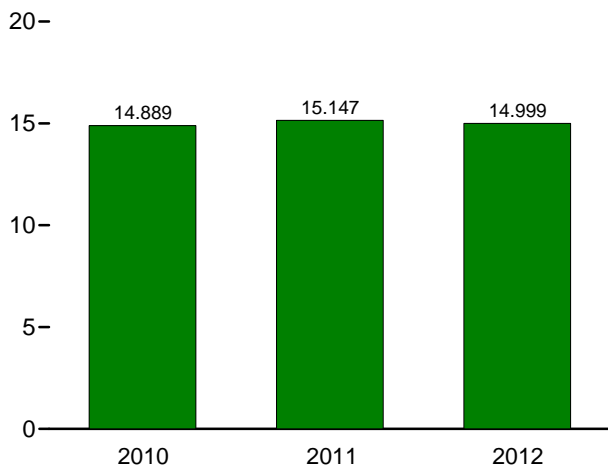
By Major Source, 1973-2011



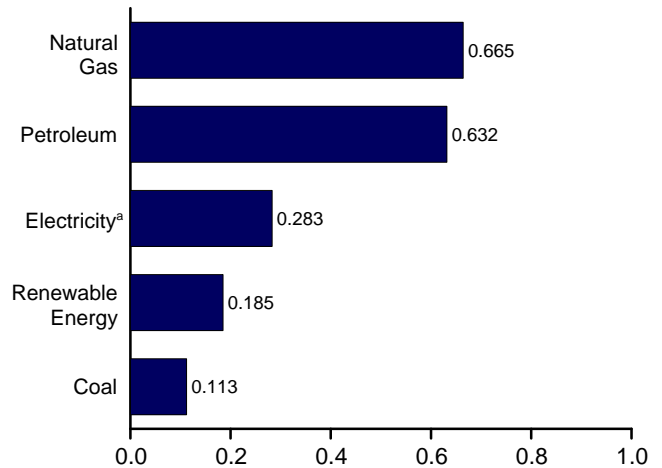
By Major Source, Monthly



Total, January-June



By Major Source, June 2012



<sup>a</sup> Electricity retail sales.  
Web Page: <http://www.eia.gov/totalenergy/data/monthly/#consumption>.  
Source: Table 2.4.



**Table 2.4 Industrial Sector Energy Consumption**  
(Trillion Btu)

|                                 | Primary Consumption <sup>a</sup> |                          |                        |                    |                                  |            |            |            |                |                | Total Primary   | Electricity Retail Sales <sup>g</sup> | Electrical System Energy Losses <sup>h</sup> | Total <sup>e</sup> |
|---------------------------------|----------------------------------|--------------------------|------------------------|--------------------|----------------------------------|------------|------------|------------|----------------|----------------|-----------------|---------------------------------------|--|--------------------|
|                                 | Fossil Fuels                     |                          |                        |                    | Renewable Energy <sup>b</sup>    |            |            |            |                |                |                 |                                       |  |                    |
|                                 | Coal                             | Natural Gas <sup>c</sup> | Petroleum <sup>d</sup> | Total <sup>e</sup> | Hydroelectric Power <sup>f</sup> | Geothermal | Solar/PV   | Wind       | Bio-mass       | Total          |                 |                                       |  |                    |
| <b>1973 Total</b> .....         | 4,057                            | 10,388                   | 9,083                  | 23,521             | 35                               | NA         | NA         | NA         | 1,165          | 1,200          | 24,720          | 2,341                                 | 5,562  | 32,623             |
| <b>1975 Total</b> .....         | 3,667                            | 8,532                    | 8,127                  | 20,339             | 32                               | NA         | NA         | NA         | 1,063          | 1,096          | 21,434          | 2,346                                 | 5,632  | 29,413             |
| <b>1980 Total</b> .....         | 3,155                            | 8,333                    | 9,509                  | 20,962             | 33                               | NA         | NA         | NA         | 1,600          | 1,633          | 22,595          | 2,781                                 | 6,664  | 32,039             |
| <b>1985 Total</b> .....         | 2,760                            | 7,032                    | 7,714                  | 17,492             | 33                               | NA         | NA         | NA         | 1,918          | 1,951          | 19,443          | 2,855                                 | 6,518  | 28,816             |
| <b>1990 Total</b> .....         | 2,756                            | 8,451                    | 8,251                  | 19,463             | 31                               |            |            |            | 1,684          | 1,717          | 21,180          | 3,226                                 | 7,404  | 31,810             |
| <b>1995 Total</b> .....         | 2,488                            | 9,592                    | 8,586                  | 20,727             | 55                               | 3          |            |            | 1,934          | 1,992          | 22,719          | 3,455                                 | 7,796  | 33,971             |
| <b>1996 Total</b> .....         | 2,434                            | 9,901                    | 9,019                  | 21,377             | 61                               | 3          |            |            | 1,969          | 2,033          | 23,410          | 3,527                                 | 7,968  | 34,904             |
| <b>1997 Total</b> .....         | 2,395                            | 9,933                    | 9,255                  | 21,629             | 58                               | 3          |            |            | 1,996          | 2,057          | 23,686          | 3,542                                 | 7,972  | 35,200             |
| <b>1998 Total</b> .....         | 2,335                            | 9,763                    | 9,082                  | 21,248             | 55                               | 3          |            |            | 1,872          | 1,929          | 23,177          | 3,587                                 | 8,079  | 34,843             |
| <b>1999 Total</b> .....         | 2,227                            | 9,375                    | 9,356                  | 21,016             | 49                               | 4          |            |            | 1,882          | 1,934          | 22,950          | 3,611                                 | 8,203  | 34,764             |
| <b>2000 Total</b> .....         | 2,256                            | 9,500                    | 9,075                  | 20,896             | 42                               | 4          |            |            | 1,881          | 1,928          | 22,824          | 3,631                                 | 8,208  | 34,664             |
| <b>2001 Total</b> .....         | 2,192                            | 8,676                    | 9,178                  | 20,075             | 33                               | 5          |            |            | 1,681          | 1,719          | 21,794          | 3,400                                 | 7,526  | 32,720             |
| <b>2002 Total</b> .....         | 2,019                            | 8,832                    | 9,168                  | 20,079             | 39                               | 5          |            |            | 1,676          | 1,720          | 21,799          | 3,379                                 | 7,484  | 32,662             |
| <b>2003 Total</b> .....         | 2,041                            | 8,488                    | 9,197                  | 19,777             | 43                               | 3          |            |            | 1,679          | 1,726          | 21,503          | 3,454                                 | 7,575  | 32,532             |
| <b>2004 Total</b> .....         | 2,047                            | 8,550                    | 9,825                  | 20,559             | 33                               | 4          |            |            | 1,817          | 1,853          | 22,412          | 3,473                                 | 7,635  | 33,520             |
| <b>2005 Total</b> .....         | 1,954                            | 7,907                    | 9,633                  | 19,538             | 32                               | 4          |            |            | 1,837          | 1,873          | 21,411          | 3,477                                 | 7,557  | 32,446             |
| <b>2006 Total</b> .....         | 1,914                            | 7,861                    | 9,770                  | 19,606             | 29                               | 4          |            |            | 1,897          | 1,930          | 21,536          | 3,451                                 | 7,415  | 32,401             |
| <b>2007 Total</b> .....         | 1,865                            | 8,074                    | 9,451                  | 19,414             | 16                               | 5          |            |            | 1,936          | 1,956          | 21,370          | 3,507                                 | 7,517  | 32,394             |
| <b>2008 Total</b> .....         | 1,796                            | 8,083                    | 8,511                  | 18,431             | 17                               | 5          |            |            | 2,028          | 2,049          | 20,480          | 3,444                                 | 7,365  | 31,290             |
| <b>2009 Total</b> .....         | 1,396                            | 7,609                    | 7,816                  | 16,797             | 18                               | 4          |            |            | 1,994          | 2,016          | 18,813          | 3,130                                 | 6,582  | 28,525             |
| <b>2010 January</b> .....       | 126                              | 737                      | 648                    | 1,508              | 2                                | (s)        | (s)        | —          | 185            | 187            | 1,695           | 258                                   | 535  | 2,487              |
| February .....                  | 130                              | 681                      | 614                    | 1,429              | 2                                | (s)        | (s)        | —          | 170            | 172            | 1,601           | 253                                   | 511  | 2,365              |
| March .....                     | 136                              | 695                      | 728                    | 1,562              | 2                                | (s)        | (s)        | —          | 188            | 190            | 1,752           | 267                                   | 538  | 2,557              |
| April .....                     | 130                              | 630                      | 680                    | 1,441              | 2                                | (s)        | (s)        | —          | 181            | 183            | 1,624           | 268                                   | 543  | 2,435              |
| May .....                       | 131                              | 638                      | 655                    | 1,427              | 2                                | (s)        | (s)        | —          | 183            | 185            | 1,612           | 280                                   | 635  | 2,527              |
| June .....                      | 130                              | 619                      | 675                    | 1,424              | 1                                | (s)        | (s)        | —          | 182            | 183            | 1,608           | 284                                   | 625  | 2,517              |
| July .....                      | 132                              | 631                      | 665                    | 1,429              | 1                                | (s)        | (s)        | —          | 188            | 190            | 1,618           | 292                                   | 621  | 2,532              |
| August .....                    | 134                              | 635                      | 745                    | 1,515              | 1                                | (s)        | (s)        | —          | 190            | 191            | 1,707           | 300                                   | 626  | 2,633              |
| September .....                 | 136                              | 630                      | 718                    | 1,484              | 1                                | (s)        | (s)        | —          | 185            | 187            | 1,671           | 284                                   | 557  | 2,512              |
| October .....                   | 132                              | 647                      | 675                    | 1,452              | 1                                | (s)        | (s)        | —          | 190            | 192            | 1,644           | 280                                   | 559  | 2,482              |
| November .....                  | 134                              | 672                      | 679                    | 1,479              | 1                                | (s)        | (s)        | —          | 190            | 191            | 1,671           | 272                                   | 581  | 2,523              |
| December .....                  | 138                              | 742                      | 728                    | 1,602              | 1                                | (s)        | (s)        | —          | 198            | 199            | 1,802           | 274                                   | 604  | 2,679              |
| <b>Total</b> .....              | <b>1,590</b>                     | <b>7,959</b>             | <b>8,210</b>           | <b>17,753</b>      | <b>16</b>                        | <b>4</b>   | <b>(s)</b> | <b>—</b>   | <b>2,230</b>   | <b>2,250</b>   | <b>20,003</b>   | <b>3,313</b>                          | <b>6,934</b>                                 | <b>30,250</b>      |
| <b>2011 January</b> .....       | 132                              | R 763                    | R 728                  | R 1,623            | 1                                | (s)        | (s)        | (s)        | 197            | 199            | R 1,821         | 270                                   | 558  | R 2,649            |
| February .....                  | 128                              | R 690                    | R 603                  | R 1,421            | 2                                | (s)        | (s)        | (s)        | 176            | 178            | R 1,599         | 257                                   | 508  | R 2,363            |
| March .....                     | 134                              | R 720                    | R 743                  | R 1,598            | 2                                | (s)        | (s)        | (s)        | 190            | 192            | R 1,791         | 276                                   | 580  | R 2,646            |
| April .....                     | 120                              | R 672                    | R 646                  | R 1,438            | 2                                | (s)        | (s)        | (s)        | 182            | R 184          | R 1,623         | 270                                   | 569  | 2,462              |
| May .....                       | 125                              | R 672                    | R 648                  | R 1,447            | 2                                | (s)        | (s)        | (s)        | 185            | 187            | R 1,634         | 275                                   | 606  | 2,515              |
| June .....                      | 124                              | R 640                    | R 660                  | R 1,426            | 1                                | (s)        | (s)        | (s)        | R 191          | 192            | R 1,618         | 282                                   | 611  | R 2,512            |
| July .....                      | R 120                            | R 650                    | R 658                  | R 1,428            | 1                                | (s)        | (s)        | (s)        | 192            | R 193          | R 1,621         | 293                                   | 642  | R 2,556            |
| August .....                    | R 125                            | R 662                    | R 731                  | R 1,523            | 1                                | (s)        | (s)        | (s)        | 191            | 192            | R 1,715         | 299                                   | 620  | R 2,634            |
| September .....                 | 126                              | R 654                    | R 669                  | R 1,449            | 1                                | (s)        | (s)        | (s)        | 187            | 188            | R 1,638         | 284                                   | 546  | R 2,468            |
| October .....                   | 126                              | R 683                    | R 702                  | R 1,510            | 1                                | (s)        | (s)        | (s)        | R 188          | 190            | R 1,700         | 283                                   | 578  | R 2,560            |
| November .....                  | 125                              | R 704                    | R 713                  | R 1,541            | 1                                | (s)        | (s)        | (s)        | 192            | 194            | R 1,735         | 271                                   | 579  | R 2,585            |
| December .....                  | 130                              | R 757                    | R 633                  | R 1,522            | 2                                | (s)        | (s)        | (s)        | 202            | 204            | R 1,726         | 268                                   | 576  | R 2,571            |
| <b>Total</b> .....              | <b>R 1,516</b>                   | <b>R 8,265</b>           | <b>R 8,135</b>         | <b>R 17,927</b>    | <b>18</b>                        | <b>4</b>   | <b>(s)</b> | <b>(s)</b> | <b>R 2,272</b> | <b>R 2,294</b> | <b>R 20,221</b> | <b>3,329</b>                          | <b>6,973</b>                                 | <b>R 30,522</b>    |
| <b>2012 January</b> .....       | 121                              | R 767                    | R 685                  | R 1,574            | 2                                | (s)        | (s)        | (s)        | 197            | 199            | R 1,774         | 268                                   | 549  | R 2,591            |
| February .....                  | 121                              | R 722                    | R 655                  | R 1,498            | 2                                | (s)        | (s)        | (s)        | 183            | 185            | R 1,683         | 266                                   | 531  | R 2,479            |
| March .....                     | 125                              | R 708                    | R 626                  | R 1,461            | 2                                | (s)        | (s)        | (s)        | 184            | 186            | R 1,648         | 275                                   | 556  | R 2,479            |
| April .....                     | R 116                            | R 679                    | R 613                  | R 1,414            | 2                                | (s)        | (s)        | (s)        | 178            | 180            | R 1,594         | 274                                   | 552  | R 2,420            |
| May .....                       | R 118                            | R 677                    | R 661                  | R 1,457            | 2                                | (s)        | (s)        | (s)        | 188            | 190            | R 1,647         | 288                                   | 622  | R 2,558            |
| June .....                      | 113                              | 665                      | 632                    | 1,409              | 1                                | (s)        | (s)        | 1          | 183            | 185            | 1,594           | 283                                   | 593  | 2,471              |
| <b>6-Month Total</b> .....      | <b>713</b>                       | <b>4,218</b>             | <b>3,871</b>           | <b>8,814</b>       | <b>10</b>                        | <b>2</b>   | <b>(s)</b> | <b>1</b>   | <b>1,113</b>   | <b>1,126</b>   | <b>9,940</b>    | <b>1,655</b>                          | <b>3,404</b>                                 | <b>14,999</b>      |
| <b>2011 6-Month Total</b> ..... | <b>763</b>                       | <b>4,156</b>             | <b>4,028</b>           | <b>8,953</b>       | <b>10</b>                        | <b>2</b>   | <b>(s)</b> | <b>(s)</b> | <b>1,120</b>   | <b>1,132</b>   | <b>10,085</b>   | <b>1,630</b>                          | <b>3,432</b>                                 | <b>15,147</b>      |
| <b>2010 6-Month Total</b> ..... | <b>783</b>                       | <b>4,001</b>             | <b>4,000</b>           | <b>8,791</b>       | <b>10</b>                        | <b>2</b>   | <b>(s)</b> | <b>—</b>   | <b>1,088</b>   | <b>1,100</b>   | <b>9,891</b>    | <b>1,610</b>                          | <b>3,387</b>                                 | <b>14,889</b>      |

<sup>a</sup> See "Primary Energy Consumption" in Glossary.

<sup>b</sup> Most data are estimates. See Table 10.2b for notes on series components and estimation.

<sup>c</sup> Natural gas only; excludes the estimated portion of supplemental gaseous fuels. See Note 3, "Supplemental Gaseous Fuels," at end of Section 4.

<sup>d</sup> Does not include biofuels that have been blended with petroleum—biofuels are included in "Biomass."

<sup>e</sup> Includes coal coke net imports, which are not separately displayed. See Tables 1.4a and 1.4b.

<sup>f</sup> Conventional hydroelectric power.

<sup>g</sup> Electricity retail sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

<sup>h</sup> Total losses are calculated as the primary energy consumed by the electric power sector minus the energy content of electricity retail sales. Total losses are

allocated to the end-use sectors in proportion to each sector's share of total electricity retail sales. See Note 2, "Electrical System Energy Losses," at end of section.

R=Revised. NA=Not available. —=No data reported. (s)=Less than 0.5 trillion Btu.

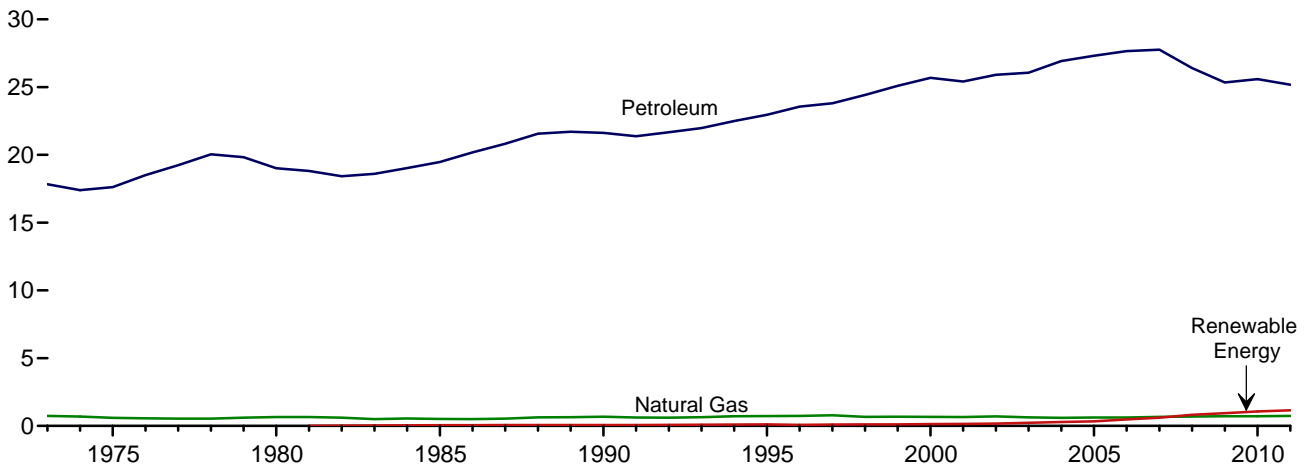
Notes: • The industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants. See Note, "Classification of Power Plants Into Energy-Use Sectors," at end of Section 7. • See Note 1, "Energy Consumption Data and Surveys," at end of section. • Totals may not equal 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/#consumption> for all available data beginning in 1973.

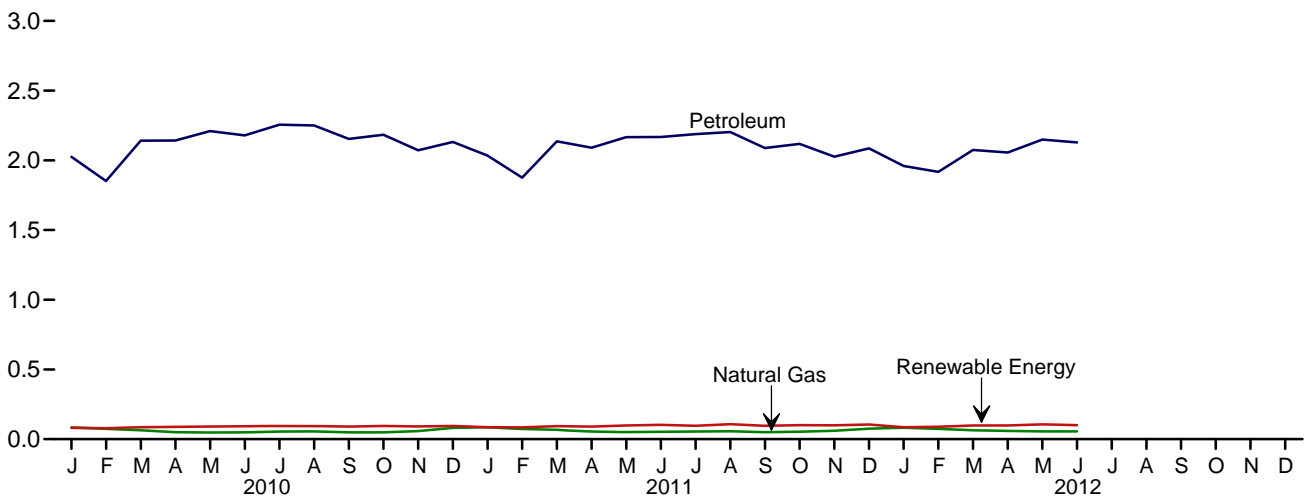
Sources: Tables 1.4a, 1.4b, 2.6, 3.8b, 4.3, 6.2, 7.6, 10.2b, A4, A5, and A6.

**Figure 2.5 Transportation Sector Energy Consumption**  
(Quadrillion Btu)

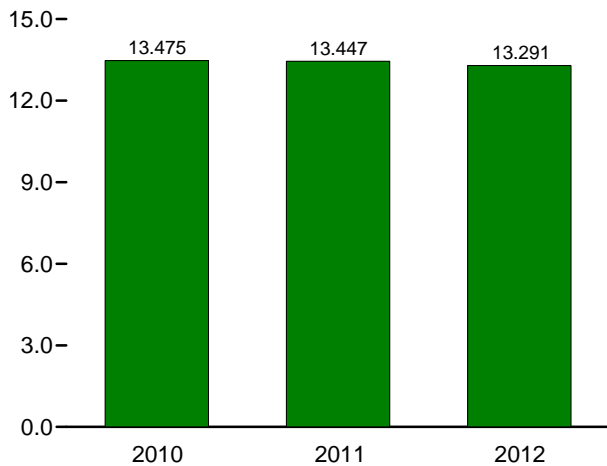
By Major Source, 1973-2011



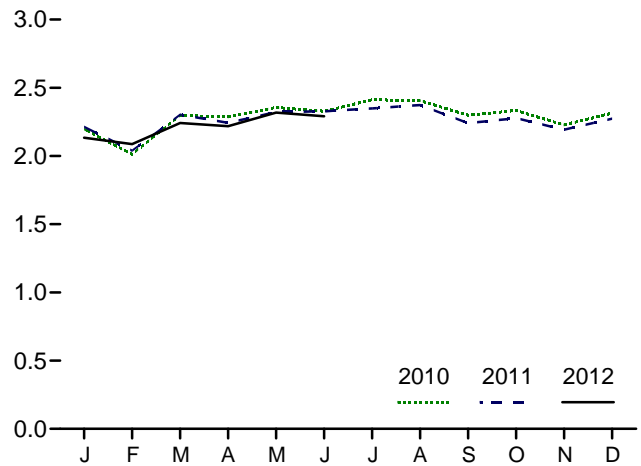
By Major Source, Monthly



Total, January-June



Total, Monthly



Web Page: <http://www.eia.gov/totalenergy/data/monthly/#consumption>.  
Source: Table 2.5.

**Table 2.5 Transportation Sector Energy Consumption**  
(Trillion Btu)

|                                 | Primary Consumption <sup>a</sup> |                          |                        |          |                               |               | Electricity Retail Sales <sup>e</sup> | Electrical System Energy Losses <sup>f</sup> | Total    |
|---------------------------------|----------------------------------|--------------------------|------------------------|----------|-------------------------------|---------------|---------------------------------------|--|----------|
|                                 | Fossil Fuels                     |                          |                        |          | Renewable Energy <sup>b</sup> | Total Primary |                                       |  |          |
|                                 | Coal                             | Natural Gas <sup>c</sup> | Petroleum <sup>d</sup> | Total    | Biomass                       |               |                                       |  |          |
| <b>1973 Total</b> .....         | 3                                | 743                      | 17,832                 | 18,577   | NA                            | 18,577        | 11                                    | 25   | 18,613   |
| <b>1975 Total</b> .....         | 1                                | 595                      | 17,615                 | 18,210   | NA                            | 18,210        | 10                                    | 24   | 18,245   |
| <b>1980 Total</b> .....         | (g)                              | 650                      | 19,009                 | 19,659   | NA                            | 19,659        | 11                                    | 27   | 19,697   |
| <b>1985 Total</b> .....         | (g)                              | 519                      | 19,472                 | 19,992   | 50                            | 20,041        | 14                                    | 32   | 20,088   |
| <b>1990 Total</b> .....         | (g)                              | 680                      | 21,626                 | 22,306   | 60                            | 22,366        | 16                                    | 37   | 22,420   |
| <b>1995 Total</b> .....         | (g)                              | 724                      | 22,955                 | 23,679   | 112                           | 23,791        | 17                                    | 38   | 23,846   |
| <b>1996 Total</b> .....         | (g)                              | 737                      | 23,565                 | 24,302   | 81                            | 24,383        | 17                                    | 38   | 24,437   |
| <b>1997 Total</b> .....         | (g)                              | 780                      | 23,813                 | 24,593   | 102                           | 24,695        | 17                                    | 38   | 24,750   |
| <b>1998 Total</b> .....         | (g)                              | 666                      | 24,422                 | 25,088   | 113                           | 25,201        | 17                                    | 38   | 25,256   |
| <b>1999 Total</b> .....         | (g)                              | 675                      | 25,098                 | 25,774   | 118                           | 25,891        | 17                                    | 40   | 25,949   |
| <b>2000 Total</b> .....         | (g)                              | 672                      | 25,682                 | 26,354   | 135                           | 26,489        | 18                                    | 42   | 26,548   |
| <b>2001 Total</b> .....         | (g)                              | 658                      | 25,412                 | 26,070   | 142                           | 26,213        | 20                                    | 43   | 26,275   |
| <b>2002 Total</b> .....         | (g)                              | 699                      | 25,913                 | 26,612   | 170                           | 26,781        | 19                                    | 42   | 26,842   |
| <b>2003 Total</b> .....         | (g)                              | 627                      | 26,063                 | 26,690   | 230                           | 26,920        | 23                                    | 51   | 26,994   |
| <b>2004 Total</b> .....         | (g)                              | 602                      | 26,925                 | 27,527   | 290                           | 27,817        | 25                                    | 54   | 27,895   |
| <b>2005 Total</b> .....         | (g)                              | 624                      | 27,309                 | 27,933   | 339                           | 28,272        | 26                                    | 56   | 28,353   |
| <b>2006 Total</b> .....         | (g)                              | 625                      | 27,651                 | 28,276   | 475                           | 28,751        | 25                                    | 54   | 28,830   |
| <b>2007 Total</b> .....         | (g)                              | 663                      | 27,763                 | 28,427   | 602                           | 29,029        | 28                                    | 60   | 29,117   |
| <b>2008 Total</b> .....         | (g)                              | 692                      | 26,407                 | 27,099   | 826                           | 27,925        | 26                                    | 56   | 28,008   |
| <b>2009 Total</b> .....         | (g)                              | 715                      | 25,339                 | 26,054   | 935                           | 26,989        | 27                                    | 56   | 27,071   |
| <b>2010 January</b> .....       | (g)                              | 84                       | 2,025                  | 2,109    | 81                            | 2,190         | 2                                     | 5  | 2,198    |
| February .....                  | (g)                              | 74                       | 1,851                  | 1,926    | 79                            | 2,004         | 2                                     | 5  | 2,012    |
| March .....                     | (g)                              | 64                       | 2,141                  | 2,205    | 85                            | 2,290         | 2                                     | 5  | 2,297    |
| April .....                     | (g)                              | 50                       | 2,142                  | 2,193    | 87                            | 2,280         | 2                                     | 4  | 2,286    |
| May .....                       | (g)                              | 48                       | 2,209                  | 2,257    | 92                            | 2,349         | 2                                     | 5  | 2,356    |
| June .....                      | (g)                              | 49                       | 2,179                  | 2,228    | 93                            | 2,320         | 2                                     | 5  | 2,328    |
| July .....                      | (g)                              | 54                       | 2,256                  | 2,310    | 94                            | 2,404         | 2                                     | 5  | 2,411    |
| August .....                    | (g)                              | 56                       | 2,250                  | 2,306    | 94                            | 2,399         | 2                                     | 4  | 2,406    |
| September .....                 | (g)                              | 48                       | 2,153                  | 2,202    | 90                            | 2,291         | 2                                     | 4  | 2,298    |
| October .....                   | (g)                              | 49                       | 2,184                  | 2,233    | 94                            | 2,327         | 2                                     | 4  | 2,333    |
| November .....                  | (g)                              | 59                       | 2,072                  | 2,131    | 91                            | 2,221         | 2                                     | 4  | 2,228    |
| December .....                  | (g)                              | 81                       | 2,132                  | 2,213    | 94                            | 2,307         | 2                                     | 5  | 2,314    |
| <b>Total</b> .....              | (g)                              | 716                      | 25,595                 | 26,310   | 1,074                         | 27,384        | 26                                    | 55   | 27,466   |
| <b>2011 January</b> .....       | (g)                              | 86                       | R 2,035                | R 2,120  | 86                            | R 2,206       | 2                                     | 5  | R 2,213  |
| February .....                  | (g)                              | 73                       | R 1,876                | R 1,949  | R 84                          | R 2,033       | 2                                     | 4  | R 2,039  |
| March .....                     | (g)                              | 67                       | R 2,136                | R 2,203  | 93                            | R 2,296       | 2                                     | 5  | R 2,303  |
| April .....                     | (g)                              | 55                       | R 2,091                | R 2,146  | R 90                          | R 2,236       | 2                                     | 4  | R 2,243  |
| May .....                       | (g)                              | 51                       | R 2,166                | R 2,216  | R 98                          | R 2,314       | 2                                     | 5  | R 2,321  |
| June .....                      | (g)                              | 50                       | R 2,167                | R 2,218  | 102                           | R 2,320       | 2                                     | 5  | R 2,327  |
| July .....                      | (g)                              | 57                       | R 2,188                | R 2,245  | 96                            | R 2,341       | 2                                     | 5  | R 2,348  |
| August .....                    | (g)                              | 57                       | R 2,203                | R 2,260  | R 107                         | R 2,366       | 2                                     | 4  | R 2,373  |
| September .....                 | (g)                              | 50                       | R 2,088                | R 2,138  | R 96                          | R 2,234       | 2                                     | 4  | R 2,240  |
| October .....                   | (g)                              | 53                       | R 2,118                | R 2,171  | 100                           | R 2,271       | 2                                     | 4  | R 2,277  |
| November .....                  | (g)                              | 61                       | R 2,026                | R 2,087  | R 99                          | R 2,186       | 2                                     | 4  | R 2,192  |
| December .....                  | (g)                              | 75                       | R 2,086                | R 2,161  | R 105                         | R 2,267       | 2                                     | 5  | R 2,274  |
| <b>Total</b> .....              | (g)                              | R 733                    | R 25,180               | R 25,913 | R 1,157                       | R 27,070      | 26                                    | 54   | R 27,151 |
| <b>2012 January</b> .....       | (g)                              | R 82                     | R 1,960                | R 2,042  | 86                            | R 2,127       | 2                                     | 5  | R 2,134  |
| February .....                  | (g)                              | 74                       | R 1,917                | R 1,991  | 89                            | R 2,080       | 2                                     | 4  | R 2,087  |
| March .....                     | (g)                              | R 63                     | R 2,074                | R 2,137  | 98                            | R 2,235       | 2                                     | 4  | R 2,241  |
| April .....                     | (g)                              | 59                       | R 2,056                | R 2,115  | 98                            | R 2,213       | 2                                     | 4  | R 2,219  |
| May .....                       | (g)                              | 56                       | R 2,149                | R 2,205  | 107                           | R 2,312       | 2                                     | 5  | R 2,319  |
| June .....                      | (g)                              | 56                       | 2,128                  | 2,184    | 101                           | 2,285         | 2                                     | 4  | 2,291    |
| <b>6-Month Total</b> .....      | (g)                              | 390                      | 12,284                 | 12,674   | 578                           | 13,252        | 13                                    | 26   | 13,291   |
| <b>2011 6-Month Total</b> ..... | (g)                              | 381                      | 12,471                 | 12,852   | 554                           | 13,406        | 13                                    | 28   | 13,447   |
| <b>2010 6-Month Total</b> ..... | (g)                              | 369                      | 12,548                 | 12,917   | 517                           | 13,434        | 13                                    | 28   | 13,475   |

<sup>a</sup> See "Primary Energy Consumption" in Glossary.

<sup>b</sup> Data are estimates. See Table 10.2b for notes on series components.

<sup>c</sup> Natural gas only; does not include supplemental gaseous fuels. See Note 3, "Supplemental Gaseous Fuels," at end of Section 4.

<sup>d</sup> Does not include biofuels that have been blended with petroleum—biofuels are included in "Biomass."

<sup>e</sup> Electricity retail sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

<sup>f</sup> Total losses are calculated as the primary energy consumed by the electric power sector minus the energy content of electricity retail sales. Total losses are allocated to the end-use sectors in proportion to each sector's share of total

electricity retail sales. See Note 2, "Electrical System Energy Losses," at end of section.

<sup>g</sup> Beginning in 1978, the small amounts of coal consumed for transportation are reported as industrial sector consumption.

R=Revised. NA=Not available.

Notes: • See Note 1, "Energy Consumption Data and Surveys," at end of section. • Totals may not equal sum of components due to independent rounding.

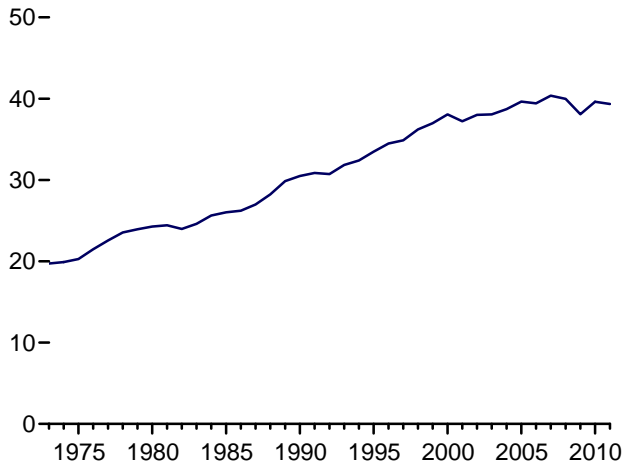
• Geographic coverage is the 50 States and the District of Columbia.

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

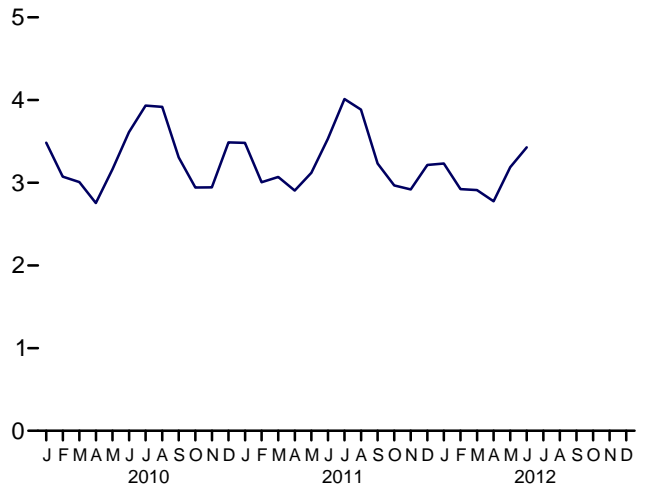
Sources: Tables 2.6, 3.8c, 4.3, 6.2, 7.6, 10.2b, A4, A5, and A6.

**Figure 2.6 Electric Power Sector Energy Consumption**  
(Quadrillion Btu)

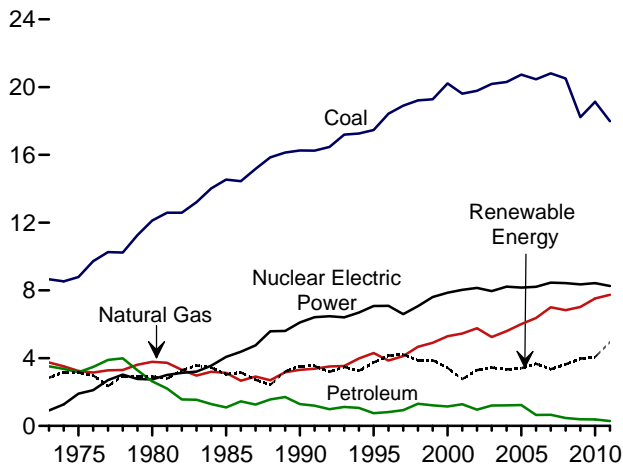
Total, 1973-2011



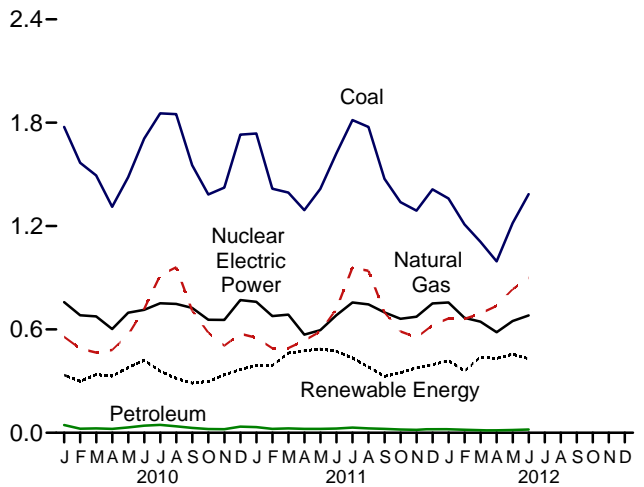
Total, Monthly



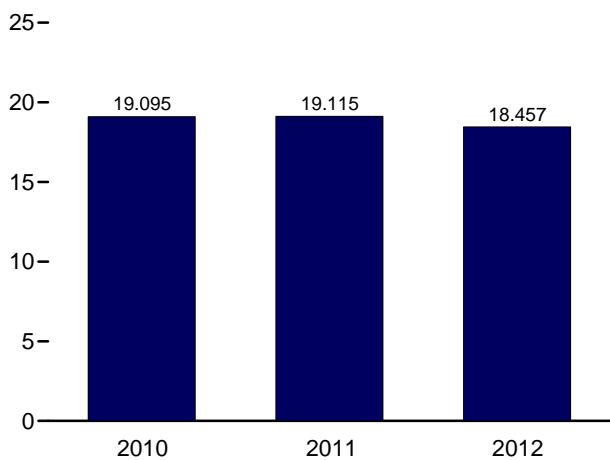
By Major Source, 1973-2011



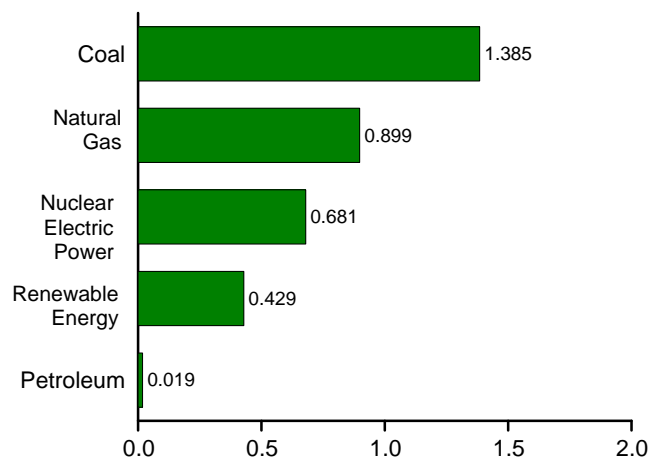
By Major Source, Monthly



Total, January-June



By Major Source, June 2012



Web Page: <http://www.eia.gov/totalenergy/data/monthly/#consumption>.  
Source: Table 2.6.

**Table 2.6 Electric Power Sector Energy Consumption**  
(Trillion Btu)

|                                     | Primary Consumption <sup>a</sup> |                             |                |               |                              |  |                 |              |              |              |              |            | Elec-<br>tricity<br>Net<br>Imports | Total<br>Primary |
|-------------------------------------|----------------------------------|-----------------------------|----------------|---------------|------------------------------|--|-----------------|--------------|--------------|--------------|--------------|------------|------------------------------------|------------------|
|                                     | Fossil Fuels                     |                             |                |               | Nuclear<br>Electric<br>Power | Renewable Energy <sup>b</sup>            |                 |              |              |              |              |            |                                    |                  |
|                                     | Coal                             | Natural<br>Gas <sup>c</sup> | Petro-<br>leum | Total         |                              | Hydro-<br>electric<br>Power <sup>d</sup> | Geo-<br>thermal | Solar/<br>PV | Wind         | Bio-<br>mass | Total        |            |                                    |                  |
| <b>1973 Total</b> .....             | 8,658                            | 3,748                       | 3,515          | 15,921        | 910                          | 2,827                                    | 20              | NA           | NA           | 3            | 2,851        | 49         | 19,731                             |                  |
| <b>1975 Total</b> .....             | 8,786                            | 3,240                       | 3,166          | 15,191        | 1,900                        | 3,122                                    | 34              | NA           | NA           | 2            | 3,158        | 21         | 20,270                             |                  |
| <b>1980 Total</b> .....             | 12,123                           | 3,778                       | 2,634          | 18,534        | 2,739                        | 2,867                                    | 53              | NA           | NA           | 4            | 2,925        | 71         | 24,269                             |                  |
| <b>1985 Total</b> .....             | 14,542                           | 3,135                       | 1,090          | 18,767        | 4,076                        | 2,937                                    | 97              | (s)          | (s)          | 14           | 3,049        | 140        | 26,032                             |                  |
| <b>1990 Total<sup>e</sup></b> ..... | 16,261                           | 3,309                       | 1,289          | 20,859        | 6,104                        | 3,014                                    | 161             | 4            | 29           | 317          | 3,524        | 8          | 30,495                             |                  |
| <b>1995 Total</b> .....             | 17,466                           | 4,302                       | 755            | 22,523        | 7,075                        | 3,149                                    | 138             | 5            | 33           | 422          | 3,747        | 134        | 33,479                             |                  |
| <b>1996 Total</b> .....             | 18,429                           | 3,862                       | 817            | 23,109        | 7,087                        | 3,528                                    | 148             | 5            | 33           | 438          | 4,153        | 137        | 34,485                             |                  |
| <b>1997 Total</b> .....             | 18,905                           | 4,126                       | 927            | 23,957        | 6,597                        | 3,581                                    | 150             | 5            | 34           | 446          | 4,216        | 116        | 34,886                             |                  |
| <b>1998 Total</b> .....             | 19,216                           | 4,675                       | 1,306          | 25,197        | 7,068                        | 3,241                                    | 151             | 5            | 31           | 444          | 3,872        | 88         | 36,225                             |                  |
| <b>1999 Total</b> .....             | 19,279                           | 4,902                       | 1,211          | 25,393        | 7,610                        | 3,218                                    | 152             | 5            | 46           | 453          | 3,874        | 99         | 36,976                             |                  |
| <b>2000 Total</b> .....             | 20,220                           | 5,293                       | 1,144          | 26,658        | 7,862                        | 2,768                                    | 144             | 5            | 57           | 453          | 3,427        | 115        | 38,062                             |                  |
| <b>2001 Total</b> .....             | 19,614                           | 5,458                       | 1,277          | 26,348        | 8,029                        | 2,209                                    | 142             | 6            | 70           | 337          | 2,763        | 75         | 37,215                             |                  |
| <b>2002 Total</b> .....             | 19,783                           | 5,767                       | 961            | 26,511        | 8,145                        | 2,650                                    | 147             | 6            | 105          | 380          | 3,288        | 72         | 38,016                             |                  |
| <b>2003 Total</b> .....             | 20,185                           | 5,246                       | 1,205          | 26,636        | 7,959                        | 2,781                                    | 148             | 5            | 115          | 397          | 3,445        | 22         | 38,062                             |                  |
| <b>2004 Total</b> .....             | 20,305                           | 5,595                       | 1,212          | 27,112        | 8,222                        | 2,656                                    | 148             | 6            | 142          | 388          | 3,340        | 39         | 38,713                             |                  |
| <b>2005 Total</b> .....             | 20,737                           | 6,015                       | 1,235          | 27,986        | 8,161                        | 2,670                                    | 147             | 6            | 178          | 406          | 3,406        | 85         | 39,638                             |                  |
| <b>2006 Total</b> .....             | 20,462                           | 6,375                       | 648            | 27,485        | 8,215                        | 2,839                                    | 145             | 5            | 264          | 412          | 3,665        | 63         | 39,428                             |                  |
| <b>2007 Total</b> .....             | 20,808                           | 7,005                       | 657            | 28,470        | 8,455                        | 2,430                                    | 145             | 6            | 341          | 423          | 3,345        | 107        | 40,377                             |                  |
| <b>2008 Total</b> .....             | 20,513                           | 6,829                       | 468            | 27,810        | 8,427                        | 2,494                                    | 146             | 9            | 546          | 435          | 3,630        | 112        | 39,978                             |                  |
| <b>2009 Total</b> .....             | 18,225                           | 7,022                       | 390            | 25,638        | 8,356                        | 2,650                                    | 146             | 9            | 721          | 441          | 3,967        | 116        | 38,077                             |                  |
| <b>2010</b>                         |                                  |                             |                |               |                              |  |                 |              |              |              |              |            |                                    |                  |
| January .....                       | 1,775                            | 557                         | 45             | 2,377         | 758                          | 217                                      | 13              | (s)          | 67           | 39           | 335          | 14         | 3,484                              |                  |
| February .....                      | 1,568                            | 489                         | 23             | 2,080         | 682                          | 199                                      | 11              | (s)          | 53           | 36           | 300          | 12         | 3,073                              |                  |
| March .....                         | 1,494                            | 466                         | 25             | 1,984         | 676                          | 202                                      | 13              | 1            | 84           | 39           | 338          | 10         | 3,008                              |                  |
| April .....                         | 1,312                            | 480                         | 23             | 1,815         | 602                          | 184                                      | 12              | 1            | 95           | 36           | 329          | 9          | 2,755                              |                  |
| May .....                           | 1,483                            | 570                         | 31             | 2,084         | 697                          | 243                                      | 13              | 1            | 85           | 36           | 378          | 5          | 3,163                              |                  |
| June .....                          | 1,708                            | 719                         | 41             | 2,468         | 714                          | 290                                      | 12              | 2            | 79           | 39           | 421          | 9          | 3,611                              |                  |
| July .....                          | 1,855                            | 914                         | 46             | 2,815         | 752                          | 238                                      | 12              | 2            | 66           | 40           | 358          | 10         | 3,934                              |                  |
| August .....                        | 1,849                            | 961                         | 37             | 2,847         | 748                          | 195                                      | 13              | 2            | 65           | 41           | 315          | 6          | 3,917                              |                  |
| September .....                     | 1,554                            | 709                         | 28             | 2,291         | 725                          | 168                                      | 12              | 1            | 69           | 38           | 288          | 2          | 3,306                              |                  |
| October .....                       | 1,383                            | 581                         | 22             | 1,986         | 656                          | 171                                      | 12              | 1            | 77           | 37           | 298          | 1          | 2,942                              |                  |
| November .....                      | 1,423                            | 506                         | 21             | 1,950         | 655                          | 190                                      | 12              | 1            | 95           | 39           | 337          | 3          | 2,944                              |                  |
| December .....                      | 1,731                            | 575                         | 36             | 2,341         | 770                          | 225                                      | 13              | (s)          | 88           | 41           | 367          | 9          | 3,488                              |                  |
| <b>Total</b> .....                  | <b>19,133</b>                    | <b>7,527</b>                | <b>378</b>     | <b>27,039</b> | <b>8,434</b>                 | <b>2,521</b>                             | <b>148</b>      | <b>12</b>    | <b>923</b>   | <b>459</b>   | <b>4,064</b> | <b>89</b>  | <b>39,626</b>                      |                  |
| <b>2011</b>                         |                                  |                             |                |               |                              |  |                 |              |              |              |              |            |                                    |                  |
| January .....                       | 1,737                            | 552                         | 33             | 2,323         | 760                          | 254                                      | 14              | (s)          | 84           | 38           | 391          | 9          | 3,483                              |                  |
| February .....                      | 1,417                            | 491                         | 23             | 1,931         | 677                          | 239                                      | 13              | 1            | 103          | 35           | 390          | 8          | 3,006                              |                  |
| March .....                         | 1,395                            | 491                         | 26             | 1,912         | 686                          | 308                                      | 14              | 1            | 103          | 38           | 463          | 8          | 3,070                              |                  |
| April .....                         | 1,293                            | 535                         | 23             | 1,851         | 570                          | 307                                      | 13              | 2            | 121          | 33           | 476          | 7          | 2,905                              |                  |
| May .....                           | 1,416                            | 589                         | 22             | 2,027         | 596                          | 321                                      | 14              | 2            | 113          | 35           | 486          | 12         | 3,121                              |                  |
| June .....                          | 1,621                            | 718                         | 25             | 2,364         | 682                          | 313                                      | 13              | 2            | 106          | 38           | 473          | 11         | 3,530                              |                  |
| July .....                          | 1,816                            | 959                         | 31             | 2,805         | 756                          | 307                                      | 13              | 2            | 72           | 40           | 434          | 16         | 4,012                              |                  |
| August .....                        | 1,776                            | 940                         | 25             | 2,741         | 746                          | 256                                      | 13              | 2            | 72           | 39           | 383          | 16         | 3,885                              |                  |
| September .....                     | 1,475                            | 699                         | 22             | 2,196         | 699                          | 209                                      | 13              | 2            | 67           | 37           | 327          | 10         | 3,232                              |                  |
| October .....                       | 1,339                            | 589                         | 19             | 1,946         | 662                          | 194                                      | 14              | 2            | 104          | 36           | 349          | 10         | 2,967                              |                  |
| November .....                      | 1,289                            | 553                         | 17             | 1,860         | 674                          | 207                                      | 13              | 1            | 120          | 36           | 377          | 8          | 2,919                              |                  |
| December .....                      | 1,413                            | 624                         | 20             | 2,057         | 751                          | 239                                      | 14              | 1            | 102          | 39           | 396          | 12         | 3,215                              |                  |
| <b>Total</b> .....                  | <b>17,986</b>                    | <b>7,740</b>                | <b>288</b>     | <b>26,014</b> | <b>8,259</b>                 | <b>3,153</b>                             | <b>163</b>      | <b>18</b>    | <b>1,168</b> | <b>444</b>   | <b>4,945</b> | <b>127</b> | <b>39,345</b>                      |                  |
| <b>2012</b>                         |                                  |                             |                |               |                              |  |                 |              |              |              |              |            |                                    |                  |
| January .....                       | 1,360                            | 663                         | 21             | 2,045         | 757                          | 232                                      | 14              | 1            | 135          | 38           | 420          | 11         | 3,232                              |                  |
| February .....                      | 1,210                            | 661                         | 17             | 1,888         | 667                          | 201                                      | 13              | 1            | 108          | 35           | 359          | 9          | 2,924                              |                  |
| March .....                         | 1,108                            | 692                         | 15             | 1,816         | 645                          | 255                                      | 14              | 2            | 132          | 37           | 440          | 10         | 2,911                              |                  |
| April .....                         | 995                              | 737                         | 14             | 1,746         | 584                          | 259                                      | 13              | 3            | 123          | 33           | 432          | 13         | 2,775                              |                  |
| May .....                           | 1,217                            | 834                         | 16             | 2,067         | 649                          | 281                                      | 14              | 4            | 121          | 36           | 457          | 15         | 3,188                              |                  |
| June .....                          | 1,385                            | 899                         | 19             | 2,304         | 681                          | 263                                      | 14              | 5            | 114          | 34           | 429          | 14         | 3,428                              |                  |
| <b>6-Month Total</b> .....          | <b>7,275</b>                     | <b>4,488</b>                | <b>103</b>     | <b>11,866</b> | <b>3,983</b>                 | <b>1,491</b>                             | <b>82</b>       | <b>16</b>    | <b>733</b>   | <b>214</b>   | <b>2,536</b> | <b>72</b>  | <b>18,457</b>                      |                  |
| <b>2011 6-Month Total</b> .....     | <b>8,879</b>                     | <b>3,377</b>                | <b>152</b>     | <b>12,408</b> | <b>3,972</b>                 | <b>1,741</b>                             | <b>82</b>       | <b>8</b>     | <b>631</b>   | <b>217</b>   | <b>2,679</b> | <b>56</b>  | <b>19,115</b>                      |                  |
| <b>2010 6-Month Total</b> .....     | <b>9,339</b>                     | <b>3,280</b>                | <b>188</b>     | <b>12,807</b> | <b>4,129</b>                 | <b>1,335</b>                             | <b>74</b>       | <b>5</b>     | <b>462</b>   | <b>225</b>   | <b>2,101</b> | <b>58</b>  | <b>19,095</b>                      |                  |

<sup>a</sup> See "Primary Energy Consumption" in Glossary.  
<sup>b</sup> See Table 10.2c for notes on series components.  
<sup>c</sup> Natural gas only; excludes the estimated portion of supplemental gaseous fuels. See Note 3, "Supplemental Gaseous Fuels," at end of Section 4.  
<sup>d</sup> Conventional hydroelectric power.  
<sup>e</sup> Through 1988, data are for electric utilities only. Beginning in 1989, data are for electric utilities and independent power producers.  
R=Revised. NA=Not available. (s)=Less than 0.5 trillion Btu.  
Notes: • Data are for fuels consumed to produce electricity and useful thermal

output. • 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. • See Note 1, "Energy Consumption Data and Surveys," at end of section. • 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/#consumption> for all available data beginning in 1973.  
Sources: Tables 3.8c, 4.3, 6.2, 7.1, 7.2b, 10.2c, A4, A5, and A6.

## Energy Consumption by Sector

**Note 1. Energy Consumption Data and Surveys.** Most of the data in this section of the Monthly Energy Review (MER) are developed from a group of energy-related surveys, typically called "supply surveys," conducted by the U.S. Energy Information Administration (EIA). Supply surveys are directed to suppliers and marketers of specific energy sources. They measure the quantities of specific energy sources produced, or the quantities supplied to the market, or both. The data obtained from EIA's supply surveys are integrated to yield the summary consumption statistics published in this section (and in Section 1) of the MER.

Users of EIA's energy consumption statistics should be aware of a second group of energy-related surveys, typically called "consumption surveys." Consumption surveys gather information on the types of energy consumed by end users of energy, along with the characteristics of those end users that can be associated with energy use. For example, the Manufacturing Energy Consumption Survey belongs to the consumption survey group because it collects information directly from end users (the manufacturing establishments). There are important differences between the supply and consumption surveys that need to be taken into account in any analysis that uses both data sources. For information on

those differences, see Energy Consumption by End-Use Sector, A Comparison of Measures by Consumption and Supply Surveys, DOE/EIA-0533, U.S. Energy Information Administration, Washington, DC, April 6, 1990.

**Note 2. Electrical System Energy Losses.** Electrical system energy losses are calculated as the difference between total primary consumption by the electric power sector (see Table 2.6) and the total energy content of electricity retail sales (see Tables 7.6 and A6). Most of these losses occur at steam-electric power plants (conventional and nuclear) in the conversion of heat energy into mechanical energy to turn electric generators. The loss is a thermodynamically necessary feature of the steam-electric cycle. Part of the energy input-to-output losses is a result of imputing fossil energy equivalent inputs for hydroelectric and other energy sources, since there is no generally accepted practice for measuring those thermal conversion rates. In addition to conversion losses, other losses include power plant use of electricity, transmission and distribution of electricity from power plants to end-use consumers (also called "line losses"), and unaccounted for electricity. Total losses are allocated to the end-use sectors in proportion to each sector's share of total electricity sales. Overall, about two thirds of total energy input is lost in conversion. Currently, of electricity generated, approximately 5 percent is lost in plant use and 7 percent is lost in transmission and distribution.