

**Table E1. Primary Energy Overview, Fossil Fuel Equivalency Approach**  
(Quadrillion Btu)

|              | Production                |                        |                               |         | Trade   |         |                          | Stock Change and Other <sup>d</sup> | Consumption               |                        |                               |                    |
|--------------|---------------------------|------------------------|-------------------------------|---------|---------|---------|--------------------------|-------------------------------------|---------------------------|------------------------|-------------------------------|--------------------|
|              | Fossil Fuels <sup>a</sup> | Nuclear Electric Power | Renewable Energy <sup>b</sup> | Total   | Imports | Exports | Net Imports <sup>c</sup> |                                     | Fossil Fuels <sup>e</sup> | Nuclear Electric Power | Renewable Energy <sup>b</sup> | Total <sup>f</sup> |
| 1950 Total   | 32.553                    | 0.000                  | 2.978                         | 35.531  | 1.913   | 1.465   | 0.448                    | -1.380                              | 31.615                    | 0.000                  | 2.978                         | 34.599             |
| 1955 Total   | 37.347                    | .000                   | 2.784                         | 40.131  | 2.790   | 2.286   | .504                     | -.457                               | 37.380                    | .000                   | 2.784                         | 40.178             |
| 1960 Total   | 39.855                    | .006                   | 2.928                         | 42.789  | 4.188   | 1.477   | 2.710                    | -.458                               | 42.091                    | .006                   | 2.928                         | 45.041             |
| 1965 Total   | 47.205                    | .043                   | 3.396                         | 50.644  | 5.892   | 1.829   | 4.063                    | -.754                               | 50.515                    | .043                   | 3.396                         | 53.953             |
| 1970 Total   | 59.152                    | .239                   | 4.070                         | 63.462  | 8.342   | 2.632   | 5.709                    | -1.354                              | 63.501                    | .239                   | 4.070                         | 67.817             |
| 1975 Total   | 54.697                    | 1.900                  | 4.687                         | 61.284  | 14.032  | 2.323   | 11.709                   | -1.062                              | 65.323                    | 1.900                  | 4.687                         | 71.931             |
| 1980 Total   | 58.979                    | 2.739                  | 5.428                         | 67.147  | 15.796  | 3.695   | 12.101                   | -1.227                              | 69.782                    | 2.739                  | 5.428                         | 78.021             |
| 1985 Total   | 57.502                    | 4.076                  | 6.084                         | 67.661  | 11.781  | 4.196   | 7.584                    | 1.088                               | 66.035                    | 4.076                  | 6.084                         | 76.334             |
| 1990 Total   | 58.523                    | 6.104                  | 6.040                         | 70.668  | 18.817  | 4.752   | 14.065                   | -.299                               | 72.281                    | 6.104                  | 6.040                         | 84.433             |
| 1995 Total   | 57.496                    | 7.075                  | 6.557                         | 71.129  | 22.180  | 4.496   | 17.684                   | 2.118                               | 77.162                    | 7.075                  | 6.559                         | 90.931             |
| 2000 Total   | 57.307                    | 7.862                  | 6.102                         | 71.271  | 28.865  | 3.962   | 24.904                   | 2.528                               | 84.620                    | 7.862                  | 6.104                         | 98.702             |
| 2005 Total   | 54.995                    | 8.161                  | 6.221                         | 69.377  | 34.659  | 4.462   | 30.197                   | .527                                | 85.623                    | 8.161                  | 6.233                         | 100.101            |
| 2006 Total   | 55.877                    | 8.215                  | 6.586                         | 70.677  | 34.649  | 4.727   | 29.921                   | -1.207                              | 84.477                    | 8.215                  | 6.637                         | 99.391             |
| 2007 Total   | 56.369                    | 8.459                  | 6.510                         | 71.338  | 34.679  | 5.338   | 29.341                   | .215                                | 85.805                    | 8.459                  | 6.523                         | 100.893            |
| 2008 Total   | 57.527                    | 8.426                  | 7.191                         | 73.144  | 32.970  | 6.949   | 26.021                   | -.412                               | 83.041                    | 8.426                  | 7.174                         | 98.753             |
| 2009 Total   | 56.612                    | 8.355                  | 7.624                         | 72.591  | 29.690  | 6.920   | 22.770                   | -1.420                              | 77.862                    | 8.355                  | 7.607                         | 93.941             |
| 2010 Total   | 58.159                    | 8.434                  | 8.312                         | 74.906  | 29.866  | 8.176   | 21.690                   | .916                                | 80.723                    | 8.434                  | 8.266                         | 97.512             |
| 2011 Total   | 60.529                    | 8.269                  | 9.306                         | 78.104  | 28.748  | 10.373  | 18.375                   | .389                                | 79.263                    | 8.269                  | 9.210                         | 96.868             |
| 2012 Total   | 62.298                    | 8.062                  | 8.890                         | 79.249  | 27.068  | 11.267  | 15.801                   | -.670                               | 77.304                    | 8.062                  | 8.853                         | 94.380             |
| 2013 Total   | 64.180                    | 8.244                  | 9.438                         | 81.862  | 24.623  | 11.788  | 12.835                   | 2.433                               | 79.224                    | 8.244                  | 9.464                         | 97.130             |
| 2014 Total   | 69.619                    | 8.338                  | 9.798                         | 87.754  | 23.241  | 12.270  | 10.971                   | -.428                               | 80.017                    | 8.338                  | 9.761                         | 98.297             |
| 2015 Total   | 70.186                    | 8.337                  | 9.766                         | 88.289  | 23.794  | 12.902  | 10.892                   | -1.776                              | 79.090                    | 8.337                  | 9.749                         | 97.404             |
| 2016 Total   | 65.435                    | 8.427                  | 10.477                        | 84.339  | 25.378  | 14.119  | 11.259                   | 1.784                               | 78.319                    | 8.427                  | 10.409                        | 97.381             |
| 2017 Total   | 68.448                    | 8.419                  | 11.259                        | 88.127  | 25.458  | 17.946  | 7.512                    | 2.017                               | 77.907                    | 8.419                  | 11.138                        | 97.657             |
| 2018 Total   | 75.780                    | 8.438                  | 11.580                        | 95.798  | 24.833  | 21.224  | 3.610                    | 1.832                               | 81.281                    | 8.438                  | 11.370                        | 101.240            |
| 2019 Total   | 81.399                    | 8.452                  | 11.627                        | 101.478 | 22.865  | 23.476  | -.610                    | -.390                               | 80.425                    | 8.452                  | 11.468                        | 100.478            |
| 2020 Total   | 76.145                    | 8.251                  | 11.588                        | 95.984  | 19.988  | 23.464  | -3.476                   | .467                                | 73.139                    | 8.251                  | 11.423                        | 92.975             |
| 2021 January | 6.497                     | .748                   | .987                          | 8.232   | 1.772   | 2.083   | -.311                    | 1.008                               | 7.210                     | .748                   | .956                          | 8.929              |
| February     | 5.318                     | .657                   | .865                          | 6.840   | 1.566   | 1.667   | -.101                    | 1.400                               | 6.614                     | .657                   | .858                          | 8.138              |
| March        | 6.603                     | .664                   | 1.086                         | 8.353   | 1.788   | 2.067   | -.279                    | .037                                | 6.359                     | .664                   | 1.075                         | 8.111              |
| April        | 6.362                     | .595                   | 1.044                         | 8.001   | 1.703   | 2.104   | -.402                    | -.082                               | 5.876                     | .595                   | 1.035                         | 7.517              |
| May          | 6.624                     | .661                   | 1.102                         | 8.387   | 1.799   | 2.131   | -.332                    | -.332                               | 5.955                     | .661                   | 1.094                         | 7.723              |
| June         | 6.433                     | .689                   | 1.030                         | 8.152   | 1.890   | 2.204   | -.314                    | .205                                | 6.320                     | .689                   | 1.018                         | 8.042              |
| July         | 6.642                     | .718                   | .991                          | 8.350   | 1.878   | 2.085   | -.208                    | .267                                | 6.699                     | .718                   | .978                          | 8.410              |
| August       | 6.671                     | .725                   | 1.005                         | 8.401   | 1.846   | 2.183   | -.337                    | .456                                | 6.784                     | .725                   | .999                          | 8.519              |
| September    | 6.439                     | .673                   | .963                          | 8.075   | 1.829   | 1.925   | -.096                    | -.261                               | 6.083                     | .673                   | .952                          | 7.717              |
| October      | 6.783                     | .609                   | .996                          | 8.388   | 1.752   | 2.063   | -.311                    | -.312                               | 6.159                     | .609                   | .988                          | 7.765              |
| November     | 6.671                     | .654                   | 1.031                         | 8.356   | 1.774   | 2.172   | -.397                    | .182                                | 6.472                     | .654                   | 1.010                         | 8.141              |
| December     | 6.862                     | .738                   | 1.108                         | 8.708   | 1.859   | 2.386   | -.527                    | .571                                | 6.924                     | .738                   | 1.081                         | 8.751              |
| Total        | 77.903                    | 8.131                  | 12.208                        | 98.242  | 21.455  | 25.071  | -3.616                   | 3.138                               | 77.454                    | 8.131                  | 12.045                        | 97.764             |
| 2022 January | 6.736                     | .737                   | 1.099                         | 8.572   | 1.841   | 2.170   | -.329                    | 1.194                               | 7.622                     | .737                   | 1.067                         | 9.437              |
| February     | 6.098                     | .646                   | 1.046                         | 7.790   | 1.687   | 2.016   | -.330                    | .929                                | 6.715                     | .646                   | 1.022                         | 8.389              |
| March        | 6.919                     | .660                   | 1.195                         | 8.774   | 1.848   | 2.305   | -.457                    | .190                                | 6.663                     | .660                   | 1.177                         | 8.507              |
| April        | 6.637                     | .578                   | 1.180                         | 8.395   | 1.747   | 2.303   | -.555                    | -.137                               | 5.949                     | .578                   | 1.168                         | 7.703              |
| May          | 6.917                     | .662                   | 1.219                         | 8.798   | 1.795   | 2.335   | -.540                    | -.355                               | 6.031                     | .662                   | 1.201                         | 7.903              |
| June         | 6.730                     | .687                   | 1.176                         | 8.593   | 1.805   | 2.297   | -.492                    | -.014                               | 6.225                     | .687                   | 1.160                         | 8.087              |
| July         | 6.995                     | .719                   | 1.132                         | 8.847   | 1.913   | 2.294   | -.381                    | .056                                | 6.673                     | .719                   | 1.111                         | 8.522              |
| August       | 7.110                     | .720                   | 1.039                         | 8.870   | 1.826   | 2.331   | -.505                    | .113                                | 6.706                     | .720                   | 1.031                         | 8.478              |
| September    | 6.987                     | .666                   | .981                          | 8.634   | 1.705   | 2.266   | -.561                    | -.339                               | 6.089                     | .666                   | .966                          | 7.735              |
| October      | 7.188                     | .616                   | 1.012                         | 8.816   | 1.771   | 2.294   | -.523                    | -.560                               | 6.108                     | .616                   | 1.000                         | 7.733              |
| November     | 6.935                     | .648                   | 1.080                         | 8.663   | 1.767   | 2.314   | -.547                    | .079                                | 6.478                     | .648                   | 1.059                         | 8.194              |
| December     | 6.905                     | .722                   | 1.064                         | 8.691   | 1.802   | 2.407   | -.605                    | .934                                | 7.240                     | .722                   | 1.045                         | 9.020              |
| Total        | 82.157                    | 8.061                  | 13.224                        | 103.442 | 21.507  | 27.332  | -5.826                   | 2.091                               | 78.498                    | 8.061                  | 13.007                        | 99.707             |
| 2023 January | R 7.170                   | .740                   | 1.107                         | R 9.018 | R 1.854 | R 2.299 | R -.445                  | R .282                              | R 7.013                   | .740                   | R 1.090                       | R 8.854            |
| February     | R 6.478                   | .635                   | R 1.070                       | R 8.183 | R 1.745 | R 2.204 | R -.459                  | R .265                              | R 6.294                   | .635                   | R 1.053                       | R 7.989            |
| March        | R 7.297                   | .656                   | 1.190                         | R 9.144 | R 1.793 | R 2.726 | R -.933                  | R .357                              | R 6.729                   | .656                   | 1.174                         | R 8.568            |
| April        | R 6.984                   | .592                   | R 1.151                       | R 8.726 | R 1.754 | R 2.344 | R -.590                  | R -.504                             | R 5.896                   | .592                   | R 1.138                       | R 7.632            |
| May          | R 7.247                   | .642                   | 1.202                         | R 9.092 | R 1.817 | R 2.421 | R -.604                  | R -.665                             | R 5.975                   | .642                   | 1.196                         | R 7.823            |
| June         | R 7.064                   | .679                   | 1.088                         | R 8.831 | R 1.826 | R 2.379 | R -.553                  | R -.389                             | R 6.127                   | .679                   | R 1.078                       | R 7.889            |
| July         | R 7.259                   | .730                   | R 1.128                       | R 9.117 | R 1.805 | R 2.439 | R -.634                  | R .027                              | R 6.666                   | .730                   | 1.109                         | R 8.510            |
| August       | R 7.407                   | .729                   | R 1.125                       | R 9.260 | R 1.927 | R 2.489 | R -.563                  | R -.046                             | R 6.803                   | .729                   | R 1.116                       | R 8.652            |
| September    | R 7.214                   | .685                   | 1.037                         | R 8.936 | R 1.782 | R 2.435 | R -.653                  | R -.496                             | R 6.080                   | .685                   | 1.020                         | R 7.786            |
| October      | 7.426                     | .642                   | R 1.112                       | R 9.180 | R 1.711 | R 2.524 | R -.813                  | R -.384                             | R 6.238                   | .642                   | R 1.102                       | R 7.982            |
| November     | R 7.283                   | .650                   | R 1.072                       | R 9.005 | R 1.826 | R 2.464 | R -.638                  | R -.126                             | R 6.536                   | .650                   | R 1.052                       | R 8.241            |
| December     | 7.420                     | .720                   | 1.107                         | 9.247   | 1.858   | 2.794   | -.935                    | .414                                | 6.919                     | .720                   | 1.083                         | 8.726              |
| Total        | 86.248                    | 8.101                  | 13.389                        | 107.738 | 21.697  | 29.518  | -7.821                   | -1.264                              | 77.276                    | 8.101                  | 13.212                        | 98.653             |

a Coal, natural gas (dry), crude oil, and natural gas plant liquids.  
b See Table E4 for notes on series components and estimation.  
c Net imports equal imports minus exports.  
d Includes petroleum stock change and adjustments; natural gas net storage withdrawals and balancing item; coal stock change, losses, and unaccounted for; fuel ethanol stock change; and biodiesel stock change and balancing item.  
e Coal, coal coke net imports, natural gas, and petroleum.  
f Also includes electricity net imports.  
R=Revised.  
Notes: • See "Primary Energy," "Primary Energy Production," and "Primary

Energy Consumption," in Glossary. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.  
Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#appendices> (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.  
Sources: • Production: Table E2. • Trade: Tables 1.4a and 1.4b. • Stock Change and Other: Calculated as consumption minus production and net imports. • Consumption: Table E3.