

# Uganda

Terajoules

|                                      | Primary coal and peat | Coal and peat products | Primary Oil | Oil Products | Natural Gas | Biofuels and waste | Nuclear   | Electricity  | Heat      | Total energy  | of which: renewables |
|--------------------------------------|-----------------------|------------------------|-------------|--------------|-------------|--------------------|-----------|--------------|-----------|---------------|----------------------|
| <b>2018</b>                          |                       |                        |             |              |             |                    |           |              |           |               |                      |
| Primary production                   | ..                    | ..                     | ..          | ..           | ..          | 833981             | ..        | 13083        | ..        | 847064        | 847064               |
| Imports                              | *5                    | ..                     | ..          | 80571        | ..          | 0                  | ..        | 303          | ..        | 80879         | 0                    |
| Exports                              | ..                    | ..                     | ..          | ..           | ..          | -1                 | ..        | -839         | ..        | -840          | -1                   |
| International marine bunkers         | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| International aviation bunkers       | ..                    | ..                     | ..          | -4768        | ..          | ..                 | ..        | ..           | ..        | -4768         | ..                   |
| Stock changes                        | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| <b>Total energy supply</b>           | <b>*5</b>             | <b>..</b>              | <b>..</b>   | <b>75803</b> | <b>..</b>   | <b>833980</b>      | <b>..</b> | <b>12546</b> | <b>..</b> | <b>922335</b> | <b>847063</b>        |
| Statistical difference               | 0                     | ..                     | ..          | -1188        | ..          | -630               | ..        | 123          | ..        | -1694         | 12453                |
| Transfers                            | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| <b>Transformation</b>                | ..                    | ..                     | ..          | -3015        | ..          | -174470            | ..        | 1459         | ..        | -176025       | -174470              |
| Electricity plants                   | ..                    | ..                     | ..          | -3015        | ..          | *-4255             | ..        | 1459         | ..        | -5810         | *-4255               |
| CHP plants                           | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Heat plants                          | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Coke ovens                           | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Briquetting plants                   | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Liquefaction plants                  | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Gas works                            | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Blast furnaces                       | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| NGL plants & gas blending            | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Oil refineries                       | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Other transformation                 | ..                    | ..                     | ..          | ..           | ..          | -170215            | ..        | ..           | ..        | -170215       | -170215              |
| Energy industries own use            | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | 0            | ..        | 0             | ..                   |
| Losses                               | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | -2841        | ..        | -2841         | ..                   |
| <b>Final consumption</b>             | <b>*5</b>             | <b>..</b>              | <b>..</b>   | <b>73976</b> | <b>..</b>   | <b>660139</b>      | <b>..</b> | <b>11042</b> | <b>..</b> | <b>745163</b> | <b>660139</b>        |
| <b>Final energy consumption</b>      | <b>*5</b>             | <b>..</b>              | <b>..</b>   | <b>73417</b> | <b>..</b>   | <b>660139</b>      | <b>..</b> | <b>11042</b> | <b>..</b> | <b>744603</b> | <b>660139</b>        |
| <b>Manufacturing, const., mining</b> | <b>*5</b>             | <b>..</b>              | <b>..</b>   | <b>16079</b> | <b>..</b>   | <b>69439</b>       | <b>..</b> | <b>7243</b>  | <b>..</b> | <b>92766</b>  | <b>69439</b>         |
| Iron and steel                       | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | 5497         | ..        | 5497          | ..                   |
| Chemical and petrochemical           | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Non-ferrous metals                   | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Non-metallic minerals                | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Transport equipment                  | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Machinery                            | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Mining and quarrying                 | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Food and tobacco                     | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Paper, pulp and printing             | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Wood and wood products               | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Textile and leather                  | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Construction                         | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Industries n.e.s                     | *5                    | ..                     | ..          | 16079        | ..          | 69439              | ..        | 1746         | ..        | 87269         | 69439                |
| <b>Transport</b>                     | ..                    | ..                     | ..          | 47269        | ..          | ..                 | ..        | ..           | ..        | 47269         | ..                   |
| Road                                 | ..                    | ..                     | ..          | 47269        | ..          | ..                 | ..        | ..           | ..        | 47269         | ..                   |
| Rail                                 | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Domestic aviation                    | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Pipeline transport                   | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Transport, n.e.s                     | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| <b>Other</b>                         | ..                    | ..                     | ..          | 10069        | ..          | 590701             | ..        | 3798         | ..        | 604568        | 590701               |
| Agriculture, forestry, fishing       | ..                    | ..                     | ..          | 6824         | ..          | ..                 | ..        | ..           | ..        | 6824          | ..                   |
| Commerce, public services            | ..                    | ..                     | ..          | 1087         | ..          | 68493              | ..        | 1390         | ..        | 70970         | 68493                |
| Households                           | ..                    | ..                     | ..          | 2157         | ..          | 522208             | ..        | 2408         | ..        | 526774        | 522208               |
| Other consumers                      | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| <b>Non-energy use</b>                | ..                    | ..                     | ..          | *560         | ..          | ..                 | ..        | ..           | ..        | *560          | ..                   |

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|                                      | Primary coal and peat | Coal and peat products | Primary Oil | Oil Products | Natural Gas | Biofuels and waste | Nuclear   | Electricity  | Heat      | Total energy  | of which: renewables |
|--------------------------------------|-----------------------|------------------------|-------------|--------------|-------------|--------------------|-----------|--------------|-----------|---------------|----------------------|
| <b>2019</b>                          |                       |                        |             |              |             |                    |           |              |           |               |                      |
| Primary production                   | ..                    | ..                     | ..          | ..           | ..          | 874394             | ..        | 14630        | ..        | 889024        | 889024               |
| Imports                              | *5                    | ..                     | ..          | 82794        | ..          | 0                  | ..        | 375          | ..        | 83174         | 0                    |
| Exports                              | ..                    | ..                     | ..          | ..           | ..          | 0                  | ..        | -1077        | ..        | -1077         | 0                    |
| International marine bunkers         | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| International aviation bunkers       | ..                    | ..                     | ..          | -4914        | ..          | ..                 | ..        | ..           | ..        | -4914         | ..                   |
| Stock changes                        | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| <b>Total energy supply</b>           | <b>*5</b>             | <b>..</b>              | <b>..</b>   | <b>77879</b> | <b>..</b>   | <b>874394</b>      | <b>..</b> | <b>13928</b> | <b>..</b> | <b>966206</b> | <b>889024</b>        |
| Statistical difference               | 0                     | ..                     | ..          | -84          | ..          | 375                | ..        | 395          | ..        | 686           | 15005                |
| Transfers                            | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| <b>Transformation</b>                | ..                    | ..                     | ..          | -978         | ..          | -177762            | ..        | 1079         | ..        | -177661       | -177762              |
| Electricity plants                   | ..                    | ..                     | ..          | -978         | ..          | *-4726             | ..        | 1079         | ..        | *-4626        | *-4726               |
| CHP plants                           | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Heat plants                          | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Coke ovens                           | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Briquetting plants                   | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Liquefaction plants                  | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Gas works                            | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Blast furnaces                       | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| NGL plants & gas blending            | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Oil refineries                       | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Other transformation                 | ..                    | ..                     | ..          | ..           | ..          | -173036            | ..        | ..           | ..        | -173036       | -173036              |
| Energy industries own use            | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | -42          | ..        | -42           | ..                   |
| Losses                               | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | -2931        | ..        | -2931         | ..                   |
| <b>Final consumption</b>             | <b>*5</b>             | <b>..</b>              | <b>..</b>   | <b>76985</b> | <b>..</b>   | <b>696258</b>      | <b>..</b> | <b>11639</b> | <b>..</b> | <b>784886</b> | <b>696258</b>        |
| <b>Final energy consumption</b>      | <b>*5</b>             | <b>..</b>              | <b>..</b>   | <b>76406</b> | <b>..</b>   | <b>696258</b>      | <b>..</b> | <b>11639</b> | <b>..</b> | <b>784307</b> | <b>696258</b>        |
| <b>Manufacturing, const., mining</b> | <b>*5</b>             | <b>..</b>              | <b>..</b>   | <b>16385</b> | <b>..</b>   | <b>86101</b>       | <b>..</b> | <b>7787</b>  | <b>..</b> | <b>110278</b> | <b>86101</b>         |
| Iron and steel                       | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | 5910         | ..        | 5910          | ..                   |
| Chemical and petrochemical           | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Non-ferrous metals                   | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Non-metallic minerals                | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Transport equipment                  | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Machinery                            | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Mining and quarrying                 | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Food and tobacco                     | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Paper, pulp and printing             | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Wood and wood products               | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Textile and leather                  | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Construction                         | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Industries n.e.s                     | *5                    | ..                     | ..          | 16385        | ..          | 86101              | ..        | 1877         | ..        | 104368        | 86101                |
| <b>Transport</b>                     | ..                    | ..                     | ..          | 49667        | ..          | ..                 | ..        | ..           | ..        | 49667         | ..                   |
| Road                                 | ..                    | ..                     | ..          | 49667        | ..          | ..                 | ..        | ..           | ..        | 49667         | ..                   |
| Rail                                 | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Domestic aviation                    | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Pipeline transport                   | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Transport, n.e.s                     | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| <b>Other</b>                         | ..                    | ..                     | ..          | 10353        | ..          | 610157             | ..        | 3852         | ..        | 624362        | 610157               |
| Agriculture, forestry, fishing       | ..                    | ..                     | ..          | 7146         | ..          | ..                 | ..        | ..           | ..        | 7146          | ..                   |
| Commerce, public services            | ..                    | ..                     | ..          | 1087         | ..          | 75127              | ..        | 1340         | ..        | 77553         | 75127                |
| Households                           | ..                    | ..                     | ..          | 2121         | ..          | 535030             | ..        | 2512         | ..        | 539663        | 535030               |
| Other consumers                      | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| <b>Non-energy use</b>                | ..                    | ..                     | ..          | *579         | ..          | ..                 | ..        | ..           | ..        | *579          | ..                   |

# Ukraine

Terajoules

|                                      | Primary coal and peat | Coal and peat products | Primary Oil    | Oil Products  | Natural Gas    | Biofuels and waste | Nuclear        | Electricity   | Heat          | Total energy    | of which: renewables |
|--------------------------------------|-----------------------|------------------------|----------------|---------------|----------------|--------------------|----------------|---------------|---------------|-----------------|----------------------|
| <b>2018</b>                          |                       |                        |                |               |                |                    |                |               |               |                 |                      |
| Primary production                   | 609624                | ..                     | 99435          | ..            | 690267         | 143147             | 917974         | 45774         | 22342         | 2528563         | 188920               |
| Imports                              | 556938                | 21102                  | 32588          | 454944        | 354164         | 1560               | ..             | 115           | ..            | 1421411         | 1560                 |
| Exports                              | -1646                 | -653                   | ..             | -13820        | ..             | -17856             | ..             | -21956        | ..            | -55932          | -17856               |
| International marine bunkers         | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..             | ..            | ..            | ..              | ..                   |
| International aviation bunkers       | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..             | ..            | ..            | ..              | ..                   |
| Stock changes                        | -3018                 | -1122                  | 33             | 3143          | 29605          | -936               | ..             | ..            | ..            | 27704           | -936                 |
| <b>Total energy supply</b>           | <b>1161899</b>        | <b>19327</b>           | <b>132056</b>  | <b>444266</b> | <b>1074036</b> | <b>125915</b>      | <b>917974</b>  | <b>23932</b>  | <b>22342</b>  | <b>3921746</b>  | <b>171688</b>        |
| Statistical difference               | 9                     | -13579                 | 0              | 116497        | 17683          | -1133              | 0              | -1            | 0             | 119476          | 44641                |
| Transfers                            | ..                    | ..                     | 35234          | -26124        | ..             | ..                 | ..             | ..            | ..            | 9110            | ..                   |
| <b>Transformation</b>                | <b>-1047473</b>       | <b>174928</b>          | <b>-166478</b> | <b>156026</b> | <b>-366281</b> | <b>-31695</b>      | <b>-917974</b> | <b>523940</b> | <b>383598</b> | <b>-1291409</b> | <b>-31695</b>        |
| Electricity plants                   | -574225               | 0                      | ..             | -5550         | -8895          | ..                 | -911498        | 468792        | *-5427        | -1036803        | ..                   |
| CHP plants                           | -59966                | -44906                 | ..             | -6588         | -151738        | -1565              | -6476          | 55148         | 135553        | -80538          | -1565                |
| Heat plants                          | -23604                | -7156                  | ..             | -1576         | -205648        | -15183             | ..             | ..            | 253472        | 305             | -15183               |
| Coke ovens                           | -380610               | 354200                 | ..             | ..            | ..             | ..                 | ..             | ..            | ..            | -26410          | ..                   |
| Briquetting plants                   | -4754                 | 4782                   | ..             | ..            | ..             | ..                 | ..             | ..            | ..            | 28              | ..                   |
| Liquefaction plants                  | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..             | ..            | ..            | ..              | ..                   |
| Gas works                            | ..                    | -1558                  | ..             | ..            | ..             | ..                 | ..             | ..            | ..            | -1558           | ..                   |
| Blast furnaces                       | ..                    | -141200                | ..             | ..            | ..             | ..                 | ..             | ..            | ..            | -141200         | ..                   |
| NGL plants & gas blending            | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..             | ..            | ..            | ..              | ..                   |
| Oil refineries                       | ..                    | ..                     | -166478        | 169740        | ..             | ..                 | ..             | ..            | ..            | 3262            | ..                   |
| Other transformation                 | -4313                 | 14672                  | ..             | ..            | ..             | -14947             | ..             | ..            | ..            | -4588           | -14947               |
| Energy industries own use            | -4733                 | -25004                 | -215           | -2071         | -39642         | ..                 | ..             | -59536        | -46696        | -177898         | ..                   |
| Losses                               | -132                  | -16961                 | -212           | ..            | -24782         | ..                 | ..             | -61186        | -44260        | -147533         | ..                   |
| <b>Final consumption</b>             | <b>109552</b>         | <b>165869</b>          | <b>385</b>     | <b>455601</b> | <b>625647</b>  | <b>95353</b>       | <b>..</b>      | <b>427152</b> | <b>314984</b> | <b>2194541</b>  | <b>95353</b>         |
| <b>Final energy consumption</b>      | <b>104258</b>         | <b>149928</b>          | <b>..</b>      | <b>403737</b> | <b>588616</b>  | <b>95353</b>       | <b>..</b>      | <b>427152</b> | <b>314984</b> | <b>2084028</b>  | <b>95353</b>         |
| <b>Manufacturing, const., mining</b> | <b>74939</b>          | <b>147117</b>          | <b>..</b>      | <b>18853</b>  | <b>122539</b>  | <b>1479</b>        | <b>..</b>      | <b>186217</b> | <b>148285</b> | <b>699429</b>   | <b>1479</b>          |
| Iron and steel                       | 43400                 | 142652                 | ..             | 3268          | 60487          | ..                 | ..             | 63608         | 52328         | 365744          | ..                   |
| Chemical and petrochemical           | 98                    | 25                     | ..             | 86            | 9053           | 27                 | ..             | 11214         | 21399         | 41903           | 27                   |
| Non-ferrous metals                   | 4681                  | ..                     | ..             | 1118          | 6293           | ..                 | ..             | 5796          | 11497         | 29384           | ..                   |
| Non-metallic minerals                | 24874                 | 557                    | ..             | 1486          | 17987          | 73                 | ..             | 9259          | 3070          | 57305           | 73                   |
| Transport equipment                  | ..                    | ..                     | ..             | 259           | 929            | 38                 | ..             | 3233          | 2206          | 6665            | 38                   |
| Machinery                            | 98                    | 100                    | ..             | 452           | 6166           | 147                | ..             | 14706         | 4120          | 25789           | 147                  |
| Mining and quarrying                 | 368                   | 3753                   | ..             | 6861          | 12440          | 52                 | ..             | 33998         | 3754          | 61226           | 52                   |
| Food and tobacco                     | 1323                  | 29                     | ..             | 841           | 7317           | 429                | ..             | 16330         | 36115         | 62385           | 429                  |
| Paper, pulp and printing             | ..                    | ..                     | ..             | 43            | 904            | 38                 | ..             | 3668          | 6441          | 11094           | 38                   |
| Wood and wood products               | ..                    | ..                     | ..             | 434           | 57             | 411                | ..             | 2934          | 4138          | 7974            | 411                  |
| Textile and leather                  | 0                     | ..                     | ..             | 164           | 268            | 55                 | ..             | 1328          | 924           | 2740            | 55                   |
| Construction                         | 74                    | ..                     | ..             | 3493          | 361            | 134                | ..             | 3470          | 661           | 8193            | 134                  |
| Industries n.e.s                     | 25                    | 0                      | ..             | 348           | 278            | 73                 | ..             | 16672         | 1632          | 19028           | 73                   |
| <b>Transport</b>                     | <b>245</b>            | <b>..</b>              | <b>..</b>      | <b>327267</b> | <b>60915</b>   | <b>1501</b>        | <b>..</b>      | <b>25025</b>  | <b>..</b>     | <b>414953</b>   | <b>1501</b>          |
| Road                                 | ..                    | ..                     | ..             | 306754        | 977            | 1501               | ..             | ..            | ..            | 309232          | 1501                 |
| Rail                                 | 221                   | ..                     | ..             | 5802          | ..             | ..                 | ..             | 19321         | ..            | 25344           | ..                   |
| Domestic aviation                    | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..             | ..            | ..            | ..              | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..             | 1872          | ..             | ..                 | ..             | ..            | ..            | 1872            | ..                   |
| Pipeline transport                   | ..                    | ..                     | ..             | 215           | 59925          | ..                 | ..             | 2020          | ..            | 62159           | ..                   |
| Transport, n.e.s                     | 25                    | ..                     | ..             | 12623         | 14             | ..                 | ..             | 3684          | ..            | 16345           | ..                   |
| <b>Other</b>                         | <b>29074</b>          | <b>2811</b>            | <b>..</b>      | <b>57617</b>  | <b>405163</b>  | <b>92373</b>       | <b>..</b>      | <b>215910</b> | <b>166699</b> | <b>969647</b>   | <b>92373</b>         |
| Agriculture, forestry, fishing       | 294                   | 10                     | ..             | 49461         | 5118           | 1133               | ..             | 14018         | 62446         | 132480          | 1133                 |
| Commerce, public services            | 20179                 | 185                    | ..             | 4850          | 36248          | 2248               | ..             | 72482         | 9150          | 145343          | 2248                 |
| Households                           | 8601                  | 2616                   | ..             | 3264          | 363796         | 88992              | ..             | 129409        | 95103         | 691781          | 88992                |
| Other consumers                      | ..                    | ..                     | ..             | 43            | ..             | ..                 | ..             | 0             | ..            | 43              | ..                   |
| <b>Non-energy use</b>                | <b>5293</b>           | <b>15941</b>           | <b>385</b>     | <b>51864</b>  | <b>37031</b>   | <b>..</b>          | <b>..</b>      | <b>..</b>     | <b>..</b>     | <b>110513</b>   | <b>..</b>            |

# Ukraine

Terajoules

|                                      | Primary coal and peat | Coal and peat products | Primary Oil    | Oil Products  | Natural Gas    | Biofuels and waste | Nuclear        | Electricity   | Heat          | Total energy    | of which: renewables |
|--------------------------------------|-----------------------|------------------------|----------------|---------------|----------------|--------------------|----------------|---------------|---------------|-----------------|----------------------|
| <b>2019</b>                          |                       |                        |                |               |                |                    |                |               |               |                 |                      |
| Primary production                   | 605250                | ..                     | 105638         | ..            | 683182         | 137667             | 902470         | 41261         | 27865         | 2503334         | 178928               |
| Imports                              | 532246                | 22031                  | 33461          | 464206        | 398002         | 1927               | ..             | 8057          | ..            | 1459931         | 1927                 |
| Exports                              | -1514                 | -362                   | ..             | -34153        | ..             | -7823              | ..             | -22618        | ..            | -66470          | -7823                |
| International marine bunkers         | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..             | ..            | ..            | ..              | ..                   |
| International aviation bunkers       | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..             | ..            | ..            | ..              | ..                   |
| Stock changes                        | -60648                | -2012                  | 866            | 4533          | -102197        | -1344              | ..             | ..            | ..            | -160802         | -1344                |
| <b>Total energy supply</b>           | <b>1075335</b>        | <b>19658</b>           | <b>139965</b>  | <b>434586</b> | <b>978988</b>  | <b>130427</b>      | <b>902470</b>  | <b>26699</b>  | <b>27865</b>  | <b>3735994</b>  | <b>171688</b>        |
| Statistical difference               | 1852                  | -8069                  | 66             | 68677         | 11907          | -25                | 0              | 0             | 0             | 74409           | 41236                |
| Transfers                            | ..                    | ..                     | 19312          | -22932        | ..             | ..                 | ..             | ..            | ..            | -3619           | ..                   |
| <b>Transformation</b>                | <b>-953144</b>        | <b>174655</b>          | <b>-158533</b> | <b>115668</b> | <b>-343917</b> | <b>-31608</b>      | <b>-902470</b> | <b>508798</b> | <b>352151</b> | <b>-1238400</b> | <b>-31608</b>        |
| Electricity plants                   | -534797               | ..                     | ..             | -5004         | -12920         | ..                 | -896429        | 456789        | -2067         | -994428         | ..                   |
| CHP plants                           | -49987                | -39288                 | ..             | -1578         | -135722        | -1768              | -6041          | 52009         | 115504        | -66871          | -1768                |
| Heat plants                          | -17169                | -6610                  | ..             | -1309         | -195276        | -14237             | ..             | ..            | 238714        | 4112            | -14237               |
| Coke ovens                           | -340354               | 332026                 | ..             | ..            | ..             | ..                 | ..             | ..            | ..            | -8328           | ..                   |
| Briquetting plants                   | -4563                 | 5597                   | ..             | ..            | ..             | ..                 | ..             | ..            | ..            | 1035            | ..                   |
| Liquefaction plants                  | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..             | ..            | ..            | ..              | ..                   |
| Gas works                            | ..                    | -1532                  | ..             | ..            | ..             | ..                 | ..             | ..            | ..            | -1532           | ..                   |
| Blast furnaces                       | ..                    | -129819                | ..             | ..            | ..             | ..                 | ..             | ..            | ..            | -129819         | ..                   |
| NGL plants & gas blending            | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..             | ..            | ..            | ..              | ..                   |
| Oil refineries                       | ..                    | ..                     | -158533        | *123560       | ..             | ..                 | ..             | ..            | ..            | -34972          | ..                   |
| Other transformation                 | -6275                 | 14282                  | ..             | ..            | ..             | -15603             | ..             | ..            | ..            | -7596           | -15603               |
| Energy industries own use            | -5939                 | -23666                 | -149           | -2783         | -29698         | ..                 | ..             | -56255        | -37540        | -156029         | ..                   |
| Losses                               | -136                  | -22308                 | -254           | ..            | -29134         | ..                 | ..             | -59163        | -41893        | -152888         | ..                   |
| <b>Final consumption</b>             | <b>114264</b>         | <b>156408</b>          | <b>276</b>     | <b>455862</b> | <b>564332</b>  | <b>98844</b>       | <b>..</b>      | <b>420080</b> | <b>300583</b> | <b>2110649</b>  | <b>98844</b>         |
| <b>Final energy consumption</b>      | <b>108597</b>         | <b>141744</b>          | <b>..</b>      | <b>423698</b> | <b>502274</b>  | <b>98844</b>       | <b>..</b>      | <b>420080</b> | <b>300583</b> | <b>1995820</b>  | <b>98844</b>         |
| <b>Manufacturing, const., mining</b> | <b>84792</b>          | <b>138099</b>          | <b>..</b>      | <b>22042</b>  | <b>113748</b>  | <b>1718</b>        | <b>..</b>      | <b>174929</b> | <b>146928</b> | <b>682256</b>   | <b>1718</b>          |
| Iron and steel                       | 49228                 | 135489                 | ..             | 3579          | 59041          | 15                 | ..             | 61495         | 49971         | 358818          | 15                   |
| Chemical and petrochemical           | 85                    | ..                     | ..             | 599           | 7421           | 27                 | ..             | 13491         | 28203         | 49827           | 27                   |
| Non-ferrous metals                   | 4514                  | ..                     | ..             | 217           | 6229           | ..                 | ..             | 5579          | 12159         | 28697           | ..                   |
| Non-metallic minerals                | 29369                 | 601                    | ..             | 2382          | 16646          | 94                 | ..             | 9014          | 2934          | 61040           | 94                   |
| Transport equipment                  | ..                    | 25                     | ..             | 287           | 713            | 21                 | ..             | 2858          | 1627          | 5531            | 21                   |
| Machinery                            | 88                    | 100                    | ..             | 305           | 4455           | 89                 | ..             | 9659          | 3073          | 17769           | 89                   |
| Mining and quarrying                 | 268                   | 1768                   | ..             | 8819          | 11149          | 23                 | ..             | 33624         | 3266          | 58917           | 23                   |
| Food and tobacco                     | 1167                  | 105                    | ..             | 826           | 6525           | 185                | ..             | 16376         | 33571         | 58754           | 185                  |
| Paper, pulp and printing             | ..                    | ..                     | ..             | 43            | 765            | 9                  | ..             | 3318          | 5716          | 9851            | 9                    |
| Wood and wood products               | ..                    | ..                     | ..             | 379           | 39             | 1149               | ..             | 2841          | 3444          | 7853            | 1149                 |
| Textile and leather                  | ..                    | ..                     | ..             | 43            | 229            | 4                  | ..             | 1348          | 854           | 2477            | 4                    |
| Construction                         | 73                    | 10                     | ..             | 4393          | 355            | 67                 | ..             | 3483          | 597           | 8977            | 67                   |
| Industries n.e.s                     | 0                     | 0                      | ..             | 169           | 183            | 37                 | ..             | 11845         | 1513          | 13746           | 37                   |
| <b>Transport</b>                     | <b>219</b>            | <b>..</b>              | <b>..</b>      | <b>341283</b> | <b>64311</b>   | <b>3591</b>        | <b>..</b>      | <b>23772</b>  | <b>..</b>     | <b>433176</b>   | <b>3591</b>          |
| Road                                 | ..                    | ..                     | ..             | 321619        | 842            | 3567               | ..             | ..            | ..            | 326028          | 3567                 |
| Rail                                 | 219                   | ..                     | ..             | 5719          | ..             | ..                 | ..             | 19268         | ..            | 25205           | ..                   |
| Domestic aviation                    | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..             | ..            | ..            | ..              | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..             | 1161          | ..             | ..                 | ..             | ..            | ..            | 1161            | ..                   |
| Pipeline transport                   | ..                    | ..                     | ..             | ..            | 63433          | ..                 | ..             | 901           | ..            | 64334           | ..                   |
| Transport, n.e.s                     | ..                    | ..                     | ..             | 12784         | 36             | 25                 | ..             | 3603          | ..            | 16447           | 25                   |
| <b>Other</b>                         | <b>23587</b>          | <b>3645</b>            | <b>..</b>      | <b>60374</b>  | <b>324214</b>  | <b>93535</b>       | <b>..</b>      | <b>221379</b> | <b>153655</b> | <b>880388</b>   | <b>93535</b>         |
| Agriculture, forestry, fishing       | 268                   | 20                     | ..             | 53092         | 3999           | 694                | ..             | 13231         | 62905         | 134208          | 694                  |
| Commerce, public services            | 16077                 | 185                    | ..             | 6056          | 34207          | 1635               | ..             | 81173         | 7854          | 147188          | 1635                 |
| Households                           | 7242                  | 3440                   | ..             | 1183          | 286007         | 91205              | ..             | 126850        | 82892         | 598818          | 91205                |
| Other consumers                      | ..                    | ..                     | ..             | 43            | 2              | ..                 | ..             | 125           | 4             | 173             | ..                   |
| <b>Non-energy use</b>                | <b>5667</b>           | <b>14664</b>           | <b>276</b>     | <b>32164</b>  | <b>62058</b>   | <b>..</b>          | <b>..</b>      | <b>..</b>     | <b>..</b>     | <b>114828</b>   | <b>..</b>            |

# United Arab Emirates

Terajoules

|                                      | Primary coal and peat | Coal and peat products | Primary Oil    | Oil Products    | Natural Gas    | Biofuels and waste | Nuclear   | Electricity   | Heat        | Total energy    | of which: renewables |
|--------------------------------------|-----------------------|------------------------|----------------|-----------------|----------------|--------------------|-----------|---------------|-------------|-----------------|----------------------|
| <b>2018</b>                          |                       |                        |                |                 |                |                    |           |               |             |                 |                      |
| Primary production                   | ..                    | ..                     | 7934726        | ..              | 1684575        | ..                 | ..        | 3852          | 2517        | 9625671         | 6369                 |
| Imports                              | 79647                 | 763                    | 333577         | 841338          | 784396         | 1770               | ..        | 1757          | ..          | 2043248         | 1770                 |
| Exports                              | -8                    | -3                     | -5777032       | -2203750        | -317874        | ..                 | ..        | -1861         | ..          | -8300529        | ..                   |
| International marine bunkers         | ..                    | ..                     | ..             | -357543         | ..             | ..                 | ..        | ..            | ..          | -357543         | ..                   |
| International aviation bunkers       | ..                    | ..                     | ..             | -301088         | ..             | ..                 | ..        | ..            | ..          | -301088         | ..                   |
| Stock changes                        | ..                    | ..                     | -61927         | *1528           | ..             | ..                 | ..        | ..            | ..          | -60400          | ..                   |
| <b>Total energy supply</b>           | <b>79639</b>          | <b>760</b>             | <b>2429343</b> | <b>-2019516</b> | <b>2151097</b> | <b>1770</b>        | <b>..</b> | <b>3748</b>   | <b>2517</b> | <b>2649359</b>  | <b>8139</b>          |
| Statistical difference               | -4                    | -3                     | -417768        | -37092          | 0              | 0                  | ..        | -108          | 0           | -454974         | 4691                 |
| Transfers                            | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| <b>Transformation</b>                | ..                    | ..                     | -2847111       | 2891290         | -1246314       | ..                 | ..        | 485737        | -2517       | -718915         | -1678                |
| Electricity plants                   | ..                    | ..                     | ..             | -26575          | *-1246314      | ..                 | ..        | 485737        | -2517       | *-789670        | -1678                |
| CHP plants                           | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| Heat plants                          | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| Coke ovens                           | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| Briquetting plants                   | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| Liquefaction plants                  | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| Gas works                            | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| Blast furnaces                       | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| NGL plants & gas blending            | ..                    | ..                     | -616723        | 651065          | ..             | ..                 | ..        | ..            | ..          | 34342           | ..                   |
| Oil refineries                       | ..                    | ..                     | -2230388       | 2266800         | ..             | ..                 | ..        | ..            | ..          | 36412           | ..                   |
| Other transformation                 | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| Energy industries own use            | ..                    | ..                     | ..             | -21632          | -25196         | ..                 | ..        | -17014        | ..          | -63841          | ..                   |
| Losses                               | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | -30370        | ..          | -30370          | ..                   |
| <b>Final consumption</b>             | <b>79643</b>          | <b>763</b>             | <b>..</b>      | <b>887235</b>   | <b>*879588</b> | <b>1770</b>        | <b>..</b> | <b>442210</b> | <b>..</b>   | <b>*2291207</b> | <b>1770</b>          |
| <b>Final energy consumption</b>      | <b>79643</b>          | <b>763</b>             | <b>..</b>      | <b>612412</b>   | <b>*868200</b> | <b>1770</b>        | <b>..</b> | <b>442210</b> | <b>..</b>   | <b>*2004997</b> | <b>1770</b>          |
| <b>Manufacturing, const., mining</b> | <b>79643</b>          | <b>763</b>             | <b>..</b>      | <b>*63504</b>   | <b>*868200</b> | <b>..</b>          | <b>..</b> | <b>49860</b>  | <b>..</b>   | <b>*1061969</b> | <b>..</b>            |
| Iron and steel                       | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| Chemical and petrochemical           | ..                    | ..                     | ..             | *5004           | 7459           | ..                 | ..        | ..            | ..          | 12464           | ..                   |
| Non-ferrous metals                   | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| Non-metallic minerals                | 78069                 | 46                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | 78116           | ..                   |
| Transport equipment                  | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| Machinery                            | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| Mining and quarrying                 | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| Food and tobacco                     | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| Paper, pulp and printing             | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| Wood and wood products               | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| Textile and leather                  | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| Construction                         | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| Industries n.e.s                     | 1573                  | 716                    | ..             | *58499          | *860741        | ..                 | ..        | 49860         | ..          | *971390         | ..                   |
| <b>Transport</b>                     | <b>..</b>             | <b>..</b>              | <b>..</b>      | <b>528853</b>   | <b>..</b>      | <b>..</b>          | <b>..</b> | <b>..</b>     | <b>..</b>   | <b>528853</b>   | <b>..</b>            |
| Road                                 | ..                    | ..                     | ..             | 512977          | ..             | ..                 | ..        | ..            | ..          | 512977          | ..                   |
| Rail                                 | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| Domestic aviation                    | ..                    | ..                     | ..             | 15876           | ..             | ..                 | ..        | ..            | ..          | 15876           | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| Pipeline transport                   | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| Transport, n.e.s                     | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| <b>Other</b>                         | <b>..</b>             | <b>..</b>              | <b>..</b>      | <b>*20055</b>   | <b>..</b>      | <b>1770</b>        | <b>..</b> | <b>392350</b> | <b>..</b>   | <b>414175</b>   | <b>1770</b>          |
| Agriculture, forestry, fishing       | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..              | ..                   |
| Commerce, public services            | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | 142823        | ..          | 142823          | ..                   |
| Households                           | ..                    | ..                     | ..             | *20055          | ..             | ..                 | ..        | 146081        | ..          | 166136          | ..                   |
| Other consumers                      | ..                    | ..                     | ..             | ..              | ..             | 1770               | ..        | 103446        | ..          | 105216          | 1770                 |
| <b>Non-energy use</b>                | <b>..</b>             | <b>..</b>              | <b>..</b>      | <b>*274823</b>  | <b>11388</b>   | <b>..</b>          | <b>..</b> | <b>..</b>     | <b>..</b>   | <b>*286210</b>  | <b>..</b>            |

# United Arab Emirates

Terajoules

|                                      | Primary coal and peat | Coal and peat products | Primary Oil    | Oil Products    | Natural Gas    | Biofuels and waste | Nuclear   | Electricity   | Heat        | Total energy   | of which: renewables |
|--------------------------------------|-----------------------|------------------------|----------------|-----------------|----------------|--------------------|-----------|---------------|-------------|----------------|----------------------|
| <b>2019</b>                          |                       |                        |                |                 |                |                    |           |               |             |                |                      |
| Primary production                   | ..                    | ..                     | 7772408        | ..              | 1934946        | ..                 | ..        | 12780         | 2482        | 9722616        | 15262                |
| Imports                              | 74282                 | 139                    | 217862         | 1044899         | 790316         | 1768               | ..        | 881           | ..          | 2130146        | 1768                 |
| Exports                              | -16                   | -3                     | -6323134       | -2019477        | -329205        | ..                 | ..        | -925          | ..          | -8672760       | ..                   |
| International marine bunkers         | ..                    | ..                     | ..             | -676752         | ..             | ..                 | ..        | ..            | ..          | -676752        | ..                   |
| International aviation bunkers       | ..                    | ..                     | ..             | -316329         | ..             | ..                 | ..        | ..            | ..          | -316329        | ..                   |
| Stock changes                        | ..                    | ..                     | ..             | *1769           | ..             | ..                 | ..        | ..            | ..          | *1769          | ..                   |
| <b>Total energy supply</b>           | <b>74265</b>          | <b>136</b>             | <b>1667136</b> | <b>-1965890</b> | <b>2396057</b> | <b>1768</b>        | <b>..</b> | <b>12736</b>  | <b>2482</b> | <b>2188691</b> | <b>17030</b>         |
| Statistical difference               | 0                     | 0                      | -1303432       | 34971           | 113339         | 0                  | ..        | -44           | 0           | -1155166       | 13607                |
| Transfers                            | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| <b>Transformation</b>                | ..                    | ..                     | *-2970568      | 3074364         | -1233855       | ..                 | ..        | 485655        | -2482       | -646885        | -1655                |
| Electricity plants                   | ..                    | ..                     | ..             | -8534           | -1233855       | ..                 | ..        | 485655        | -2482       | -759216        | -1655                |
| CHP plants                           | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| Heat plants                          | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| Coke ovens                           | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| Briquetting plants                   | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| Liquefaction plants                  | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| Gas works                            | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| Blast furnaces                       | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| NGL plants & gas blending            | ..                    | ..                     | *-888155       | 932183          | ..             | ..                 | ..        | ..            | ..          | 44028          | ..                   |
| Oil refineries                       | ..                    | ..                     | -2082413       | 2150715         | ..             | ..                 | ..        | ..            | ..          | 68302          | ..                   |
| Other transformation                 | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| Energy industries own use            | ..                    | ..                     | ..             | -20421          | -25806         | ..                 | ..        | -20613        | ..          | -66840         | ..                   |
| Losses                               | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | -25240        | ..          | -25240         | ..                   |
| <b>Final consumption</b>             | <b>74265</b>          | <b>136</b>             | <b>..</b>      | <b>1053082</b>  | <b>1023058</b> | <b>1768</b>        | <b>..</b> | <b>452582</b> | <b>..</b>   | <b>2604891</b> | <b>1768</b>          |
| <b>Final energy consumption</b>      | <b>74265</b>          | <b>136</b>             | <b>..</b>      | <b>573492</b>   | <b>1023058</b> | <b>1768</b>        | <b>..</b> | <b>452582</b> | <b>..</b>   | <b>2125301</b> | <b>1768</b>          |
| <b>Manufacturing, const., mining</b> | <b>74265</b>          | <b>136</b>             | <b>..</b>      | <b>62566</b>    | <b>1023058</b> | <b>..</b>          | <b>..</b> | <b>51378</b>  | <b>..</b>   | <b>1211403</b> | <b>..</b>            |
| Iron and steel                       | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| Chemical and petrochemical           | ..                    | ..                     | ..             | 5123            | 6857           | ..                 | ..        | ..            | ..          | 11980          | ..                   |
| Non-ferrous metals                   | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| Non-metallic minerals                | 12611                 | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | 12611          | ..                   |
| Transport equipment                  | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| Machinery                            | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| Mining and quarrying                 | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| Food and tobacco                     | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| Paper, pulp and printing             | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| Wood and wood products               | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| Textile and leather                  | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| Construction                         | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| Industries n.e.s                     | 61654                 | 136                    | ..             | 57443           | 1016200        | ..                 | ..        | 51378         | ..          | 1186812        | ..                   |
| <b>Transport</b>                     | <b>..</b>             | <b>..</b>              | <b>..</b>      | <b>501909</b>   | <b>..</b>      | <b>..</b>          | <b>..</b> | <b>..</b>     | <b>..</b>   | <b>501909</b>  | <b>..</b>            |
| Road                                 | ..                    | ..                     | ..             | 485858          | ..             | ..                 | ..        | ..            | ..          | 485858         | ..                   |
| Rail                                 | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| Domestic aviation                    | ..                    | ..                     | ..             | 16050           | ..             | ..                 | ..        | ..            | ..          | 16050          | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| Pipeline transport                   | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| Transport, n.e.s                     | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| <b>Other</b>                         | <b>..</b>             | <b>..</b>              | <b>..</b>      | <b>9017</b>     | <b>..</b>      | <b>1768</b>        | <b>..</b> | <b>401203</b> | <b>..</b>   | <b>411989</b>  | <b>1768</b>          |
| Agriculture, forestry, fishing       | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | ..            | ..          | ..             | ..                   |
| Commerce, public services            | ..                    | ..                     | ..             | ..              | ..             | ..                 | ..        | 147168        | ..          | 147168         | ..                   |
| Households                           | ..                    | ..                     | ..             | 9017            | ..             | ..                 | ..        | 150526        | ..          | 159543         | ..                   |
| Other consumers                      | ..                    | ..                     | ..             | ..              | ..             | 1768               | ..        | 103509        | ..          | 105277         | 1768                 |
| <b>Non-energy use</b>                | <b>..</b>             | <b>..</b>              | <b>..</b>      | <b>*479590</b>  | <b>..</b>      | <b>..</b>          | <b>..</b> | <b>..</b>     | <b>..</b>   | <b>*479590</b> | <b>..</b>            |

# United Kingdom

Terajoules

|                                      | Primary coal and peat | Coal and peat products | Primary Oil     | Oil Products   | Natural Gas    | Biofuels and waste | Nuclear        | Electricity    | Heat         | Total energy    | of which: renewables |
|--------------------------------------|-----------------------|------------------------|-----------------|----------------|----------------|--------------------|----------------|----------------|--------------|-----------------|----------------------|
| <b>2018</b>                          |                       |                        |                 |                |                |                    |                |                |              |                 |                      |
| Primary production                   | 64679                 | ..                     | 2212709         | ..             | 1464497        | 439669             | 702690         | 270342         | 2242         | 5156827         | 659547               |
| Imports                              | 267913                | 29840                  | 1999537         | 1805498        | 1675341        | *156175            | ..             | 76797          | ..           | 6011101         | *156175              |
| Exports                              | -15892                | -340                   | -1855663        | -1040140       | -268561        | -11716             | ..             | -8009          | ..           | -3200323        | -11716               |
| International marine bunkers         | ..                    | ..                     | ..              | -103119        | ..             | ..                 | ..             | ..             | ..           | -103119         | ..                   |
| International aviation bunkers       | ..                    | ..                     | ..              | -503809        | ..             | ..                 | ..             | ..             | ..           | -503809         | ..                   |
| Stock changes                        | -4219                 | -1998                  | 11879           | 12132          | -21111         | -368               | ..             | ..             | ..           | -3685           | -368                 |
| <b>Total energy supply</b>           | <b>312480</b>         | <b>27502</b>           | <b>2368462</b>  | <b>170562</b>  | <b>2850166</b> | <b>583759</b>      | <b>702690</b>  | <b>339130</b>  | <b>2242</b>  | <b>7356993</b>  | <b>803637</b>        |
| Statistical difference               | 50                    | 366                    | 1601            | -13525         | -128           | 0                  | 0              | 0              | 0            | -11634          | 270341               |
| Transfers                            | ..                    | ..                     | 260762          | -262658        | ..             | ..                 | ..             | ..             | ..           | -1896           | ..                   |
| <b>Transformation</b>                | <b>-253039</b>        | <b>20317</b>           | <b>-2627623</b> | <b>2594904</b> | <b>-965277</b> | <b>-386713</b>     | <b>-702690</b> | <b>917678</b>  | <b>66597</b> | <b>-1335845</b> | <b>-338020</b>       |
| Electricity plants                   | -173865               | -19790                 | ..              | -5785          | -781707        | *-331297           | -702690        | 842470         | ..           | -1172663        | *-286588             |
| CHP plants                           | -411                  | -695                   | ..              | -11918         | -109371        | -31882             | ..             | 75208          | ..           | -79069          | -28865               |
| Heat plants                          | -153                  | -48                    | ..              | -1698          | -89100         | *-8037             | ..             | ..             | 66597        | -32440          | *-7070               |
| Coke ovens                           | -46244                | 52203                  | ..              | ..             | -596           | ..                 | ..             | ..             | ..           | 5363            | ..                   |
| Briquetting plants                   | -5080                 | 5577                   | ..              | -2337          | ..             | ..                 | ..             | ..             | ..           | -1840           | ..                   |
| Liquefaction plants                  | ..                    | ..                     | ..              | ..             | ..             | ..                 | ..             | ..             | ..           | ..              | ..                   |
| Gas works                            | ..                    | ..                     | ..              | ..             | ..             | ..                 | ..             | ..             | ..           | ..              | ..                   |
| Blast furnaces                       | -27286                | -17591                 | ..              | ..             | ..             | ..                 | ..             | ..             | ..           | -44877          | ..                   |
| NGL plants & gas blending            | ..                    | ..                     | -88644          | 93578          | 15497          | -15497             | ..             | ..             | ..           | 4934            | -15497               |
| Oil refineries                       | ..                    | ..                     | -2538978        | 2525259        | ..             | ..                 | ..             | ..             | ..           | -13720          | ..                   |
| Other transformation                 | ..                    | 662                    | ..              | -2195          | ..             | ..                 | ..             | ..             | ..           | -1533           | ..                   |
| Energy industries own use            | ..                    | -18689                 | ..              | -170964        | -190485        | ..                 | ..             | -82259         | -13534       | -475931         | ..                   |
| Losses                               | ..                    | -3787                  | ..              | ..             | -18086         | ..                 | ..             | -92536         | ..           | -114408         | ..                   |
| <b>Final consumption</b>             | <b>59390</b>          | <b>24977</b>           | <b>..</b>       | <b>2345369</b> | <b>1676447</b> | <b>*197046</b>     | <b>..</b>      | <b>1082014</b> | <b>55305</b> | <b>5440547</b>  | <b>*195277</b>       |
| <b>Final energy consumption</b>      | <b>59390</b>          | <b>23456</b>           | <b>..</b>       | <b>2042733</b> | <b>1660872</b> | <b>*197046</b>     | <b>..</b>      | <b>1082014</b> | <b>55305</b> | <b>5120816</b>  | <b>*195277</b>       |
| <b>Manufacturing, const., mining</b> | <b>44438</b>          | <b>16662</b>           | <b>..</b>       | <b>102375</b>  | <b>335365</b>  | <b>*50910</b>      | <b>..</b>      | <b>338351</b>  | <b>28924</b> | <b>917024</b>   | <b>*47880</b>        |
| Iron and steel                       | 3849                  | 16662                  | ..              | 365            | 13052          | ..                 | ..             | 9217           | ..           | 43144           | ..                   |
| Chemical and petrochemical           | 1597                  | ..                     | ..              | 4982           | 66127          | 2890               | ..             | 54954          | 10187        | 140736          | 1581                 |
| Non-ferrous metals                   | 786                   | ..                     | ..              | 303            | 9819           | ..                 | ..             | 14712          | ..           | 25620           | ..                   |
| Non-metallic minerals                | 15947                 | ..                     | ..              | 7405           | 46608          | *10254             | ..             | 22779          | ..           | 102993          | *8556                |
| Transport equipment                  | 1283                  | ..                     | ..              | 8781           | 20851          | ..                 | ..             | 17156          | ..           | 48071           | ..                   |
| Machinery                            | 393                   | ..                     | ..              | ..             | 48136          | 40                 | ..             | 45352          | 27           | 93947           | 20                   |
| Mining and quarrying                 | ..                    | ..                     | ..              | ..             | ..             | ..                 | ..             | 414            | ..           | 414             | ..                   |
| Food and tobacco                     | 1938                  | ..                     | ..              | 4679           | 63940          | *3250              | ..             | 42532          | 597          | 116936          | *3250                |
| Paper, pulp and printing             | 2671                  | ..                     | ..              | 1295           | 14820          | *16815             | ..             | 37574          | ..           | 73175           | *16815               |
| Wood and wood products               | ..                    | ..                     | ..              | 1554           | 1804           | ..                 | ..             | ..             | ..           | 3358            | ..                   |
| Textile and leather                  | 1519                  | ..                     | ..              | 1732           | 9284           | ..                 | ..             | 9795           | ..           | 22330           | ..                   |
| Construction                         | 131                   | ..                     | ..              | 8755           | 15873          | ..                 | ..             | 5017           | ..           | 29776           | ..                   |
| Industries n.e.s                     | 14324                 | 0                      | ..              | 62526          | 25051          | *17661             | ..             | 78848          | 18113        | 216524          | *17658               |
| <b>Transport</b>                     | <b>393</b>            | <b>..</b>              | <b>..</b>       | <b>1692738</b> | <b>..</b>      | <b>53502</b>       | <b>..</b>      | <b>17941</b>   | <b>..</b>    | <b>1764574</b>  | <b>53502</b>         |
| Road                                 | ..                    | ..                     | ..              | 1592652        | ..             | 53502              | ..             | 868            | ..           | 1647023         | 53502                |
| Rail                                 | 393                   | ..                     | ..              | 26079          | ..             | ..                 | ..             | 17073          | ..           | 43544           | ..                   |
| Domestic aviation                    | ..                    | ..                     | ..              | 37921          | ..             | ..                 | ..             | ..             | ..           | 37921           | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..              | 36086          | ..             | ..                 | ..             | ..             | ..           | 36086           | ..                   |
| Pipeline transport                   | ..                    | ..                     | ..              | ..             | ..             | ..                 | ..             | ..             | ..           | ..              | ..                   |
| Transport, n.e.s                     | ..                    | ..                     | ..              | ..             | ..             | ..                 | ..             | ..             | ..           | ..              | ..                   |
| <b>Other</b>                         | <b>14559</b>          | <b>6794</b>            | <b>..</b>       | <b>247620</b>  | <b>1325508</b> | <b>*92634</b>      | <b>..</b>      | <b>725722</b>  | <b>26381</b> | <b>2439218</b>  | <b>*93895</b>        |
| Agriculture, forestry, fishing       | ..                    | ..                     | ..              | 35341          | 3222           | *8137              | ..             | 15537          | 118          | 62356           | *8137                |
| Commerce, public services            | 812                   | ..                     | ..              | 93872          | 276171         | *9077              | ..             | 331952         | 13460        | 725344          | *8815                |
| Households                           | 13564                 | 6794                   | ..              | 100914         | 1013376        | *75420             | ..             | 378232         | 12803        | 1601105         | *76943               |
| Other consumers                      | 183                   | ..                     | ..              | 17493          | 32739          | ..                 | ..             | ..             | ..           | 50415           | ..                   |
| <b>Non-energy use</b>                | <b>..</b>             | <b>1521</b>            | <b>..</b>       | <b>302635</b>  | <b>15575</b>   | <b>..</b>          | <b>..</b>      | <b>..</b>      | <b>..</b>    | <b>319731</b>   | <b>..</b>            |

# United Kingdom

Terajoules

|                                      | Primary coal and peat | Coal and peat products | Primary Oil     | Oil Products   | Natural Gas    | Biofuels and waste | Nuclear        | Electricity    | Heat         | Total energy    | of which: renewables |
|--------------------------------------|-----------------------|------------------------|-----------------|----------------|----------------|--------------------|----------------|----------------|--------------|-----------------|----------------------|
| <b>2019</b>                          |                       |                        |                 |                |                |                    |                |                |              |                 |                      |
| Primary production                   | 58095                 | ..                     | 2253304         | ..             | 1422362        | 444498             | 606786         | 299526         | 2266         | 5086838         | 688663               |
| Imports                              | 175891                | 26048                  | 2021146         | 1678300        | 1678037        | *200612            | ..             | 88400          | ..           | 5868434         | *200612              |
| Exports                              | -19848                | -311                   | -1862025        | -977658        | -283495        | -14749             | ..             | -12186         | ..           | -3170273        | -14749               |
| International marine bunkers         | ..                    | ..                     | ..              | -98294         | ..             | ..                 | ..             | ..             | ..           | -98294          | ..                   |
| International aviation bunkers       | ..                    | ..                     | ..              | -508304        | ..             | ..                 | ..             | ..             | ..           | -508304         | ..                   |
| Stock changes                        | 429                   | 4694                   | -7129           | -19082         | -18707         | 0                  | ..             | ..             | ..           | -39796          | 0                    |
| <b>Total energy supply</b>           | <b>214567</b>         | <b>30430</b>           | <b>2405296</b>  | <b>74962</b>   | <b>2798197</b> | <b>630361</b>      | <b>606786</b>  | <b>375740</b>  | <b>2266</b>  | <b>7138606</b>  | <b>874526</b>        |
| Statistical difference               | 231                   | -10                    | -103            | -26668         | -30016         | 0                  | 0              | 2365           | 0            | -54200          | 299526               |
| Transfers                            | ..                    | ..                     | 233461          | -234784        | ..             | ..                 | ..             | ..             | ..           | -1323           | ..                   |
| <b>Transformation</b>                | <b>-157987</b>        | <b>18102</b>           | <b>-2638859</b> | <b>2595402</b> | <b>-948492</b> | <b>-414974</b>     | <b>-606786</b> | <b>856389</b>  | <b>65435</b> | <b>-1231771</b> | <b>*-361329</b>      |
| Electricity plants                   | -77783                | -20754                 | ..              | -4717          | -765665        | *-355820           | -606786        | 772221         | ..           | -1059305        | *-306366             |
| CHP plants                           | -420                  | -740                   | ..              | -13224         | -111231        | -33387             | ..             | 84168          | ..           | -74833          | -30123               |
| Heat plants                          | -157                  | -48                    | ..              | -1642          | -88268         | *-8171             | ..             | ..             | 65435        | -32852          | *-7244               |
| Coke ovens                           | -48680                | 53597                  | ..              | ..             | -923           | ..                 | ..             | ..             | ..           | 3994            | ..                   |
| Briquetting plants                   | -3875                 | 5152                   | ..              | -1751          | ..             | ..                 | ..             | ..             | ..           | -473            | ..                   |
| Liquefaction plants                  | ..                    | ..                     | ..              | ..             | ..             | ..                 | ..             | ..             | ..           | ..              | ..                   |
| Gas works                            | ..                    | ..                     | ..              | ..             | ..             | ..                 | ..             | ..             | ..           | ..              | ..                   |
| Blast furnaces                       | -27071                | -20132                 | ..              | ..             | ..             | ..                 | ..             | ..             | ..           | -47203          | ..                   |
| NGL plants & gas blending            | ..                    | ..                     | -77501          | 80284          | 17596          | -17596             | ..             | ..             | ..           | 2783            | -17596               |
| Oil refineries                       | ..                    | ..                     | -2561358        | 2538665        | ..             | ..                 | ..             | ..             | ..           | -22693          | ..                   |
| Other transformation                 | ..                    | 1026                   | ..              | -2214          | ..             | ..                 | ..             | ..             | ..           | -1188           | ..                   |
| Energy industries own use            | ..                    | -17924                 | ..              | -170545        | -202081        | ..                 | ..             | -70180         | -13341       | -474072         | ..                   |
| Losses                               | ..                    | -3506                  | ..              | ..             | -16643         | ..                 | ..             | -96236         | ..           | -116384         | ..                   |
| <b>Final consumption</b>             | <b>56350</b>          | <b>27112</b>           | <b>..</b>       | <b>2291703</b> | <b>1660998</b> | <b>*215387</b>     | <b>..</b>      | <b>1063348</b> | <b>54359</b> | <b>5369256</b>  | <b>*213671</b>       |
| <b>Final energy consumption</b>      | <b>56350</b>          | <b>25538</b>           | <b>..</b>       | <b>2008683</b> | <b>1645890</b> | <b>*215387</b>     | <b>..</b>      | <b>1063348</b> | <b>54359</b> | <b>5069555</b>  | <b>*213671</b>       |
| <b>Manufacturing, const., mining</b> | <b>41872</b>          | <b>19876</b>           | <b>..</b>       | <b>90812</b>   | <b>331484</b>  | <b>*49867</b>      | <b>..</b>      | <b>330235</b>  | <b>28168</b> | <b>892313</b>   | <b>*46886</b>        |
| Iron and steel                       | 4198                  | 19876                  | ..              | 362            | 12990          | ..                 | ..             | 8796           | ..           | 46222           | ..                   |
| Chemical and petrochemical           | 1453                  | ..                     | ..              | 4859           | 64778          | 3631               | ..             | 53872          | 9320         | 137912          | 2375                 |
| Non-ferrous metals                   | 727                   | ..                     | ..              | 302            | 9774           | ..                 | ..             | 14076          | ..           | 24878           | ..                   |
| Non-metallic minerals                | 16119                 | ..                     | ..              | 7118           | 45308          | *10254             | ..             | 22100          | ..           | 100899          | *8556                |
| Transport equipment                  | 1238                  | ..                     | ..              | 8251           | 19751          | ..                 | ..             | 16445          | ..           | 45686           | ..                   |
| Machinery                            | 377                   | ..                     | ..              | ..             | 46111          | 46                 | ..             | 45103          | 32           | 91668           | 23                   |
| Mining and quarrying                 | ..                    | ..                     | ..              | ..             | ..             | ..                 | ..             | 414            | ..           | 414             | ..                   |
| Food and tobacco                     | 1561                  | ..                     | ..              | 4785           | 65556          | *2282              | ..             | 41299          | 690          | 116173          | *2282                |
| Paper, pulp and printing             | 2610                  | ..                     | ..              | 1274           | 14668          | *17027             | ..             | 36629          | 6            | 72215           | *17027               |
| Wood and wood products               | ..                    | ..                     | ..              | 1554           | 1797           | ..                 | ..             | ..             | ..           | 3351            | ..                   |
| Textile and leather                  | 1480                  | ..                     | ..              | 1704           | 9183           | ..                 | ..             | 9592           | ..           | 21959           | ..                   |
| Construction                         | 135                   | ..                     | ..              | 9001           | 15716          | ..                 | ..             | 4977           | ..           | 29828           | ..                   |
| Industries n.e.s                     | 11975                 | 0                      | ..              | 51602          | 25853          | *16627             | ..             | 76931          | 18120        | 201107          | *16623               |
| <b>Transport</b>                     | <b>404</b>            | <b>..</b>              | <b>..</b>       | <b>1667055</b> | <b>..</b>      | <b>68329</b>       | <b>..</b>      | <b>19641</b>   | <b>..</b>    | <b>1755429</b>  | <b>68329</b>         |
| Road                                 | ..                    | ..                     | ..              | 1564607        | ..             | 68329              | ..             | 1319           | ..           | 1634255         | 68329                |
| Rail                                 | 404                   | ..                     | ..              | 27285          | ..             | ..                 | ..             | 18322          | ..           | 46010           | ..                   |
| Domestic aviation                    | ..                    | ..                     | ..              | 38259          | ..             | ..                 | ..             | ..             | ..           | 38259           | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..              | 36904          | ..             | ..                 | ..             | ..             | ..           | 36904           | ..                   |
| Pipeline transport                   | ..                    | ..                     | ..              | ..             | ..             | ..                 | ..             | ..             | ..           | ..              | ..                   |
| Transport, n.e.s                     | ..                    | ..                     | ..              | ..             | ..             | ..                 | ..             | ..             | ..           | ..              | ..                   |
| <b>Other</b>                         | <b>14074</b>          | <b>5662</b>            | <b>..</b>       | <b>250816</b>  | <b>1314407</b> | <b>*97191</b>      | <b>..</b>      | <b>713472</b>  | <b>26192</b> | <b>2421812</b>  | <b>*98456</b>        |
| Agriculture, forestry, fishing       | ..                    | ..                     | ..              | 36689          | 3492           | *8586              | ..             | 15139          | 165          | 64072           | *8586                |
| Commerce, public services            | 646                   | ..                     | ..              | 95274          | 274856         | *5308              | ..             | 324563         | 13227        | 713874          | *5043                |
| Households                           | 13240                 | 5662                   | ..              | 101489         | 1004188        | *83297             | ..             | 373770         | 12800        | 1594445         | *84827               |
| Other consumers                      | 188                   | ..                     | ..              | 17363          | 31871          | ..                 | ..             | ..             | ..           | 49422           | ..                   |
| <b>Non-energy use</b>                | <b>..</b>             | <b>1574</b>            | <b>..</b>       | <b>283020</b>  | <b>15107</b>   | <b>..</b>          | <b>..</b>      | <b>..</b>      | <b>..</b>    | <b>299702</b>   | <b>..</b>            |



# United Rep. of Tanzania

Terajoules

|                                      | All Coal     | All Oil       | Natural Gas  | Primary biofuels / Waste | Charcoal     | Electricity  | Total energy  | of which: renewables |
|--------------------------------------|--------------|---------------|--------------|--------------------------|--------------|--------------|---------------|----------------------|
| <b>2018</b>                          |              |               |              |                          |              |              |               |                      |
| Primary production                   | 16202        | ..            | 26049        | 771460                   | ..           | *8957        | 822668        | 780417               |
| Imports                              | ..           | 107317        | ..           | ..                       | ..           | 425          | 107742        | ..                   |
| Exports                              | ..           | ..            | ..           | ..                       | ..           | ..           | ..            | ..                   |
| International marine bunkers         | ..           | -202          | ..           | ..                       | ..           | ..           | -202          | ..                   |
| International aviation bunkers       | ..           | -5777         | ..           | ..                       | ..           | ..           | -5777         | ..                   |
| Stock changes                        | ..           | ..            | ..           | ..                       | ..           | ..           | ..            | ..                   |
| <b>Total energy supply</b>           | <b>16202</b> | <b>101338</b> | <b>26049</b> | <b>771460</b>            | <b>..</b>    | <b>*9382</b> | <b>924431</b> | <b>780417</b>        |
| Statistical Difference               | 0            | -2513         | -1           | -1                       | 0            | -184         | -2699         | 8956                 |
| Transfers                            | ..           | ..            | ..           | ..                       | ..           | ..           | ..            | ..                   |
| <b>Transformation</b>                | ..           | -15892        | -19963       | -147433                  | 49088        | 17669        | -116530       | -98345               |
| Electricity plants                   | ..           | -15892        | -19963       | -1297                    | ..           | 17669        | -19482        | -1297                |
| Charcoal plants                      | ..           | ..            | ..           | -146136                  | 49088        | ..           | -97048        | -97048               |
| Other transformation                 | ..           | 0             | 0            | 0                        | ..           | ..           | 0             | 0                    |
| Energy industries own use            | ..           | ..            | ..           | ..                       | ..           | -464         | -464          | ..                   |
| Losses                               | ..           | ..            | ..           | ..                       | ..           | -3830        | -3830         | ..                   |
| <b>Final consumption</b>             | <b>16202</b> | <b>87960</b>  | <b>6087</b>  | <b>624028</b>            | <b>49088</b> | <b>22939</b> | <b>806304</b> | <b>673116</b>        |
| <b>Final energy consumption</b>      | <b>16202</b> | <b>85588</b>  | <b>6087</b>  | <b>624028</b>            | <b>49088</b> | <b>22939</b> | <b>803933</b> | <b>673116</b>        |
| <b>Manufacturing, const., mining</b> | <b>16202</b> | <b>687</b>    | <b>6087</b>  | <b>58181</b>             | <b>..</b>    | <b>6188</b>  | <b>87345</b>  | <b>58181</b>         |
| <b>Transport</b>                     | ..           | 77464         | ..           | ..                       | ..           | ..           | 77464         | ..                   |
| Road                                 | ..           | 74509         | ..           | ..                       | ..           | ..           | 74509         | ..                   |
| Domestic aviation                    | ..           | 2955          | ..           | ..                       | ..           | ..           | 2955          | ..                   |
| Domestic navigation                  | ..           | ..            | ..           | ..                       | ..           | ..           | ..            | ..                   |
| Other transport                      | ..           | ..            | ..           | ..                       | ..           | ..           | ..            | ..                   |
| <b>Other</b>                         | ..           | 7438          | ..           | 565847                   | 49088        | 16751        | 639124        | 614935               |
| Agriculture, forestry, fishing       | ..           | 989           | ..           | 47302                    | ..           | 583          | 48874         | 47302                |
| Commerce and public services         | ..           | ..            | ..           | ..                       | ..           | 5875         | 5875          | ..                   |
| Households                           | ..           | 6449          | ..           | 499442                   | 49088        | 9781         | 564760        | 548530               |
| Other consumers                      | ..           | ..            | ..           | 19103                    | ..           | 511          | 19614         | 19103                |
| <b>Non-energy use</b>                | ..           | 2372          | ..           | ..                       | ..           | ..           | 2372          | ..                   |
| <b>2019</b>                          |              |               |              |                          |              |              |               |                      |
| Primary production                   | 18373        | ..            | 34258        | 772493                   | ..           | 9241         | 834365        | 781734               |
| Imports                              | ..           | 104895        | ..           | ..                       | ..           | 408          | 105303        | ..                   |
| Exports                              | ..           | ..            | ..           | ..                       | ..           | ..           | ..            | ..                   |
| International marine bunkers         | ..           | -203          | ..           | ..                       | ..           | ..           | -203          | ..                   |
| International aviation bunkers       | ..           | -6147         | ..           | ..                       | ..           | ..           | -6147         | ..                   |
| Stock changes                        | ..           | ..            | ..           | ..                       | ..           | ..           | ..            | ..                   |
| <b>Total energy supply</b>           | <b>18373</b> | <b>98545</b>  | <b>34258</b> | <b>772493</b>            | <b>..</b>    | <b>9648</b>  | <b>933318</b> | <b>781734</b>        |
| Statistical Difference               | 0            | 0             | -1486        | 0                        | 0            | -38          | -1523         | 9241                 |
| Transfers                            | ..           | ..            | ..           | ..                       | ..           | ..           | ..            | ..                   |
| <b>Transformation</b>                | ..           | -19620        | -29558       | -147432                  | 48989        | 19073        | -128548       | -98444               |
| Electricity plants                   | ..           | -19620        | -29558       | -1296                    | ..           | 19073        | -31400        | -1296                |
| Charcoal plants                      | ..           | ..            | ..           | -146136                  | 48989        | ..           | -97147        | -97147               |
| Other transformation                 | ..           | 0             | 0            | 0                        | ..           | ..           | 0             | 0                    |
| Energy industries own use            | ..           | ..            | ..           | ..                       | ..           | -538         | -538          | ..                   |
| Losses                               | ..           | ..            | ..           | ..                       | ..           | -4183        | -4183         | ..                   |
| <b>Final consumption</b>             | <b>18373</b> | <b>78926</b>  | <b>6186</b>  | <b>625061</b>            | <b>48989</b> | <b>24038</b> | <b>801572</b> | <b>674049</b>        |
| <b>Final energy consumption</b>      | <b>18373</b> | <b>76436</b>  | <b>6186</b>  | <b>625061</b>            | <b>48989</b> | <b>24038</b> | <b>799082</b> | <b>674049</b>        |
| <b>Manufacturing, const., mining</b> | <b>18373</b> | <b>731</b>    | <b>6186</b>  | <b>59200</b>             | <b>..</b>    | <b>6068</b>  | <b>90559</b>  | <b>59200</b>         |
| <b>Transport</b>                     | ..           | 67919         | ..           | ..                       | ..           | ..           | 67919         | ..                   |
| Road                                 | ..           | 66866         | ..           | ..                       | ..           | ..           | 66866         | ..                   |
| Domestic aviation                    | ..           | 1053          | ..           | ..                       | ..           | ..           | 1053          | ..                   |
| Domestic navigation                  | ..           | ..            | ..           | ..                       | ..           | ..           | ..            | ..                   |
| Other transport                      | ..           | ..            | ..           | ..                       | ..           | ..           | ..            | ..                   |
| <b>Other</b>                         | ..           | 7785          | ..           | 565860                   | 48989        | 17970        | 640604        | 614849               |
| Agriculture, forestry, fishing       | ..           | 1034          | ..           | 47305                    | ..           | 511          | 48850         | 47305                |
| Commerce and public services         | ..           | ..            | ..           | ..                       | ..           | 6569         | 6569          | ..                   |
| Households                           | ..           | 6751          | ..           | 499452                   | 48989        | 10443        | 565635        | 548441               |
| Other consumers                      | ..           | ..            | ..           | 19103                    | ..           | 447          | 19550         | 19103                |
| <b>Non-energy use</b>                | ..           | 2490          | ..           | ..                       | ..           | ..           | 2490          | ..                   |

# United States

Terajoules

|                                      | Primary coal and peat | Coal and peat products | Primary Oil      | Oil Products    | Natural Gas      | Biofuels and waste | Nuclear         | Electricity     | Heat           | Total energy     | of which: renewables |
|--------------------------------------|-----------------------|------------------------|------------------|-----------------|------------------|--------------------|-----------------|-----------------|----------------|------------------|----------------------|
| <b>2018</b>                          |                       |                        |                  |                 |                  |                    |                 |                 |                |                  |                      |
| Primary production                   | 15448805              | ..                     | 28588674         | ..              | 29489845         | 4438540            | 9086349         | 2349287         | 866436         | 90267937         | 7464916              |
| Imports                              | 127740                | 3060                   | 16755689         | 4504374         | 2794749          | 50703              | ..              | 209738          | ..             | 24446053         | 50703                |
| Exports                              | -2787007              | -30135                 | -4735640         | -9752592        | -3548891         | -152376            | ..              | -49696          | ..             | -21056338        | -152376              |
| International marine bunkers         | ..                    | ..                     | ..               | -849014         | ..               | -5008              | ..              | ..              | ..             | -854022          | -5008                |
| International aviation bunkers       | ..                    | ..                     | ..               | -1042443        | ..               | ..                 | ..              | ..              | ..             | -1042443         | ..                   |
| Stock changes                        | 706755                | 5340                   | -43592           | 49277           | 319023           | -8146              | ..              | ..              | ..             | 1028657          | -8146                |
| <b>Total energy supply</b>           | <b>13496293</b>       | <b>-21735</b>          | <b>40565130</b>  | <b>-7090398</b> | <b>29054727</b>  | <b>4323715</b>     | <b>9086349</b>  | <b>2509329</b>  | <b>866436</b>  | <b>92789845</b>  | <b>7350090</b>       |
| Statistical difference               | -39385                | -190                   | -411052          | -843217         | -628613          | 2006               | 0               | 0               | 0              | -1920452         | 2433062              |
| Transfers                            | ..                    | ..                     | 766219           | -767291         | ..               | ..                 | ..              | ..              | ..             | -1072            | ..                   |
| <b>Transformation</b>                | <b>-13029330</b>      | <b>266175</b>          | <b>-41503931</b> | <b>40662654</b> | <b>-11187009</b> | <b>-906723</b>     | <b>-9086349</b> | <b>13612882</b> | <b>-241079</b> | <b>-21412710</b> | <b>-1380810</b>      |
| Electricity plants                   | -12128379             | -1971                  | ..               | -309854         | -9383457         | -673172            | -9086349        | 12495579        | -718401        | -19806003        | -1174139             |
| CHP plants                           | -322511               | -22117                 | ..               | -93791          | -1666010         | -57205             | ..              | 1117303         | 477322         | -567010          | -30325               |
| Heat plants                          | ..                    | ..                     | ..               | ..              | ..               | ..                 | ..              | ..              | ..             | ..               | ..                   |
| Coke ovens                           | -451357               | 426448                 | ..               | ..              | ..               | ..                 | ..              | ..              | ..             | -24909           | ..                   |
| Briquetting plants                   | ..                    | ..                     | ..               | ..              | ..               | ..                 | ..              | ..              | ..             | ..               | ..                   |
| Liquefaction plants                  | ..                    | ..                     | 211578           | ..              | ..               | ..                 | ..              | ..              | ..             | 211578           | ..                   |
| Gas works                            | -100628               | 60567                  | ..               | ..              | ..               | ..                 | ..              | ..              | ..             | -40061           | ..                   |
| Blast furnaces                       | -26455                | -136185                | ..               | ..              | ..               | ..                 | ..              | ..              | ..             | -162640          | ..                   |
| NGL plants & gas blending            | ..                    | -60567                 | -4176388         | 4350235         | 54510            | ..                 | ..              | ..              | ..             | 167790           | ..                   |
| Oil refineries                       | ..                    | ..                     | -37637081        | 36716064        | ..               | ..                 | ..              | ..              | ..             | -921017          | ..                   |
| Other transformation                 | ..                    | ..                     | 97960            | ..              | -192053          | *-176346           | ..              | ..              | ..             | -270439          | *-176346             |
| Energy industries own use            | -1312                 | -52316                 | ..               | -1369008        | -2561563         | -4279              | ..              | -1318969        | -159833        | -5467280         | -4279                |
| Losses                               | ..                    | ..                     | ..               | ..              | ..               | ..                 | ..              | -760090         | -57168         | -817258          | ..                   |
| <b>Final consumption</b>             | <b>505036</b>         | <b>192314</b>          | <b>238470</b>    | <b>32279174</b> | <b>15934768</b>  | <b>*3410707</b>    | <b>..</b>       | <b>14043152</b> | <b>408356</b>  | <b>67011976</b>  | <b>*3531939</b>      |
| <b>Final energy consumption</b>      | <b>505036</b>         | <b>192314</b>          | <b>..</b>        | <b>27383508</b> | <b>14921155</b>  | <b>*3410707</b>    | <b>..</b>       | <b>14043152</b> | <b>408356</b>  | <b>60864227</b>  | <b>*3531939</b>      |
| <b>Manufacturing, const., mining</b> | <b>487172</b>         | <b>192314</b>          | <b>..</b>        | <b>835579</b>   | <b>5586869</b>   | <b>*1218681</b>    | <b>..</b>       | <b>2782178</b>  | <b>205692</b>  | <b>11308484</b>  | <b>*1201028</b>      |
| Iron and steel                       | 10066                 | 160939                 | ..               | 6442            | 395354           | 69                 | ..              | 208061          | 7551           | 788482           | 69                   |
| Chemical and petrochemical           | 74013                 | ..                     | ..               | 77316           | 2338682          | 10682              | ..              | 438102          | 126046         | 3064841          | 2287                 |
| Non-ferrous metals                   | ..                    | ..                     | ..               | 10126           | 143851           | 27                 | ..              | 149008          | 4033           | 307045           | 27                   |
| Non-metallic minerals                | 200016                | ..                     | ..               | 61225           | 365130           | 686                | ..              | 119302          | 154            | 746513           | 629                  |
| Transport equipment                  | 54                    | ..                     | ..               | 10818           | 160043           | 52                 | ..              | 142495          | 4974           | 318436           | 52                   |
| Machinery                            | 1112                  | ..                     | ..               | 23894           | 336087           | 143                | ..              | 345571          | 3729           | 710536           | 143                  |
| Mining and quarrying                 | ..                    | ..                     | ..               | 80778           | 82092            | 2828               | ..              | 170004          | ..             | 335701           | 2828                 |
| Food and tobacco                     | 119526                | ..                     | ..               | 14622           | 729175           | 467                | ..              | 288163          | 22725          | 1174677          | 363                  |
| Paper, pulp and printing             | 48721                 | ..                     | ..               | 7943            | 355225           | 26462              | ..              | 281534          | 19116          | 739000           | 18863                |
| Wood and wood products               | ..                    | ..                     | ..               | 14760           | 52527            | 243                | ..              | 67950           | 10461          | 145941           | 243                  |
| Textile and leather                  | 2062                  | ..                     | ..               | ..              | 47708            | ..                 | ..              | 53040           | 6013           | 108822           | ..                   |
| Construction                         | ..                    | ..                     | ..               | 467082          | 13699            | 11977              | ..              | 188763          | ..             | 681521           | 11977                |
| Industries n.e.s                     | 31601                 | 31375                  | ..               | 60574           | 567297           | *1165044           | ..              | 330183          | 892            | 2186967          | *1163546             |
| <b>Transport</b>                     | <b>..</b>             | <b>..</b>              | <b>..</b>        | <b>24831361</b> | <b>898490</b>    | <b>1319176</b>     | <b>..</b>       | <b>44219</b>    | <b>..</b>      | <b>27093246</b>  | <b>1319176</b>       |
| Road                                 | ..                    | ..                     | ..               | 21435185        | 49599            | 1297083            | ..              | 18886           | ..             | 22800753         | 1297083              |
| Rail                                 | ..                    | ..                     | ..               | 585625          | ..               | 17641              | ..              | 25333           | ..             | 628599           | 17641                |
| Domestic aviation                    | ..                    | ..                     | ..               | 2453595         | ..               | ..                 | ..              | ..              | ..             | 2453595          | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..               | 356957          | ..               | 4452               | ..              | ..              | ..             | 361409           | 4452                 |
| Pipeline transport                   | ..                    | ..                     | ..               | ..              | 848891           | ..                 | ..              | ..              | ..             | 848891           | ..                   |
| Transport, n.e.s                     | ..                    | ..                     | ..               | ..              | ..               | ..                 | ..              | ..              | ..             | ..               | ..                   |
| <b>Other</b>                         | <b>17864</b>          | <b>..</b>              | <b>..</b>        | <b>1716568</b>  | <b>8435796</b>   | <b>*872851</b>     | <b>..</b>       | <b>11216755</b> | <b>202663</b>  | <b>22462497</b>  | <b>*1011735</b>      |
| Agriculture, forestry, fishing       | ..                    | ..                     | ..               | 604071          | 62510            | 10318              | ..              | 162163          | ..             | 839063           | 10318                |
| Commerce, public services            | 17864                 | ..                     | ..               | 468829          | 3458111          | 30942              | ..              | 4940520         | 129227         | 9045492          | 96390                |
| Households                           | ..                    | ..                     | ..               | 643667          | 4915175          | *639239            | ..              | 5262354         | 73437          | 11533872         | *712676              |
| Other consumers                      | ..                    | ..                     | ..               | ..              | ..               | *192351            | ..              | 851718          | ..             | 1044069          | *192351              |
| <b>Non-energy use</b>                | <b>..</b>             | <b>..</b>              | <b>238470</b>    | <b>4895666</b>  | <b>1013613</b>   | <b>..</b>          | <b>..</b>       | <b>..</b>       | <b>..</b>      | <b>6147749</b>   | <b>..</b>            |

# United States

Terajoules

|                                      | Primary coal and peat | Coal and peat products | Primary Oil      | Oil Products    | Natural Gas      | Biofuels and waste | Nuclear         | Electricity     | Heat           | Total energy     | of which: renewables |
|--------------------------------------|-----------------------|------------------------|------------------|-----------------|------------------|--------------------|-----------------|-----------------|----------------|------------------|----------------------|
| <b>2019</b>                          |                       |                        |                  |                 |                  |                    |                 |                 |                |                  |                      |
| Primary production                   | 14481585              | ..                     | 31829976         | ..              | 33491557         | 4346770            | 9107965         | 2454992         | 826280         | 96539125         | 7446353              |
| Imports                              | 141712                | 3031                   | 14659177         | 4811127         | 2654790          | 73408              | ..              | 212589          | ..             | 22555835         | 73408                |
| Exports                              | -2262208              | -25343                 | -6672588         | -9586331        | -4589619         | -135122            | ..              | -72029          | ..             | -23343241        | -135122              |
| International marine bunkers         | ..                    | ..                     | ..               | -957859         | ..               | -7476              | ..              | ..              | ..             | -965335          | -7476                |
| International aviation bunkers       | ..                    | ..                     | ..               | -1060164        | ..               | ..                 | ..              | ..              | ..             | -1060164         | ..                   |
| Stock changes                        | -782768               | -2251                  | 192875           | -130431         | -478193          | 8935               | ..              | ..              | ..             | -1191835         | 8935                 |
| <b>Total energy supply</b>           | <b>11578320</b>       | <b>-24564</b>          | <b>40009440</b>  | <b>-6923658</b> | <b>31078534</b>  | <b>4286515</b>     | <b>9107965</b>  | <b>2595552</b>  | <b>826280</b>  | <b>92534385</b>  | <b>7386098</b>       |
| Statistical difference               | 21355                 | 0                      | -731332          | -885361         | 341004           | 5204               | 0               | 0               | 0              | -1249130         | 2539030              |
| Transfers                            | ..                    | ..                     | 803679           | -815395         | ..               | ..                 | ..              | ..              | ..             | -11715           | ..                   |
| <b>Transformation</b>                | <b>-11085031</b>      | <b>245548</b>          | <b>-41189828</b> | <b>40354605</b> | <b>-11961386</b> | <b>-888111</b>     | <b>-9107965</b> | <b>13280565</b> | <b>-236839</b> | <b>-20588442</b> | <b>-1351124</b>      |
| Electricity plants                   | -10281447             | -2080                  | ..               | -250946         | -10130883        | -659283            | -9107965        | 12175993        | -699261        | -18955871        | -1147943             |
| CHP plants                           | -245436               | -22333                 | ..               | -78390          | -1681582         | -54947             | ..              | 1104572         | 462421         | -515696          | -29300               |
| Heat plants                          | ..                    | ..                     | ..               | ..              | ..               | ..                 | ..              | ..              | ..             | ..               | ..                   |
| Coke ovens                           | -443072               | 399438                 | ..               | ..              | ..               | ..                 | ..              | ..              | ..             | -43634           | ..                   |
| Briquetting plants                   | ..                    | ..                     | ..               | ..              | ..               | ..                 | ..              | ..              | ..             | ..               | ..                   |
| Liquefaction plants                  | ..                    | ..                     | 203150           | ..              | ..               | ..                 | ..              | ..              | ..             | 203150           | ..                   |
| Gas works                            | -88217                | 52531                  | ..               | ..              | ..               | ..                 | ..              | ..              | ..             | -35686           | ..                   |
| Blast furnaces                       | -26858                | -129477                | ..               | ..              | ..               | ..                 | ..              | ..              | ..             | -156335          | ..                   |
| NGL plants & gas blending            | ..                    | -52531                 | -4735368         | 4933274         | 47278            | ..                 | ..              | ..              | ..             | 192652           | ..                   |
| Oil refineries                       | ..                    | ..                     | -36776428        | 35750667        | ..               | ..                 | ..              | ..              | ..             | -1025761         | ..                   |
| Other transformation                 | ..                    | ..                     | 118818           | ..              | -196198          | *-173881           | ..              | ..              | ..             | -251261          | *-173881             |
| Energy industries own use            | -480                  | -50296                 | ..               | -1337547        | -2757393         | -4232              | ..              | -1209486        | -154325        | -5513760         | -4232                |
| Losses                               | ..                    | ..                     | ..               | ..              | ..               | ..                 | ..              | -878803         | -55477         | -934280          | ..                   |
| <b>Final consumption</b>             | <b>471454</b>         | <b>170687</b>          | <b>354623</b>    | <b>32163366</b> | <b>16018751</b>  | <b>*3388969</b>    | <b>..</b>       | <b>13787828</b> | <b>379639</b>  | <b>66735318</b>  | <b>*3491712</b>      |
| <b>Final energy consumption</b>      | <b>471454</b>         | <b>170687</b>          | <b>..</b>        | <b>27014245</b> | <b>15021145</b>  | <b>*3388969</b>    | <b>..</b>       | <b>13787828</b> | <b>379639</b>  | <b>60233966</b>  | <b>*3491712</b>      |
| <b>Manufacturing, const., mining</b> | <b>455516</b>         | <b>170687</b>          | <b>..</b>        | <b>715631</b>   | <b>5571786</b>   | <b>*1201658</b>    | <b>..</b>       | <b>2695862</b>  | <b>199608</b>  | <b>11010748</b>  | <b>*1183537</b>      |
| Iron and steel                       | 8862                  | 140881                 | ..               | 3726            | 393069           | 74                 | ..              | 204414          | 7327           | 758353           | 74                   |
| Chemical and petrochemical           | 66661                 | ..                     | ..               | 69160           | 2285644          | 10153              | ..              | 448024          | 122317         | 3001959          | 1559                 |
| Non-ferrous metals                   | ..                    | ..                     | ..               | 8746            | 140432           | 37                 | ..              | 146941          | 3913           | 300069           | 37                   |
| Non-metallic minerals                | 193312                | ..                     | ..               | 49268           | 398884           | 453                | ..              | 119179          | 149            | 761246           | 442                  |
| Transport equipment                  | ..                    | ..                     | ..               | 3100            | 167576           | 37                 | ..              | 145356          | 4827           | 320896           | 37                   |
| Machinery                            | 1196                  | ..                     | ..               | 16579           | 351703           | 147                | ..              | 351657          | 3618           | 724901           | 147                  |
| Mining and quarrying                 | ..                    | ..                     | ..               | 69344           | 189993           | 1766               | ..              | 117373          | ..             | 378477           | 1766                 |
| Food and tobacco                     | 114368                | ..                     | ..               | 11217           | 646282           | 435                | ..              | 279335          | 22053          | 1073689          | 370                  |
| Paper, pulp and printing             | 40648                 | ..                     | ..               | 4978            | 332411           | 27254              | ..              | 263588          | 18550          | 687430           | 19384                |
| Wood and wood products               | ..                    | ..                     | ..               | 11224           | 54006            | 258                | ..              | 65882           | 10152          | 141521           | 258                  |
| Textile and leather                  | 1414                  | ..                     | ..               | ..              | 50561            | ..                 | ..              | 57112           | 5835           | 114921           | ..                   |
| Construction                         | ..                    | ..                     | ..               | 422041          | 10344            | 13358              | ..              | 168992          | ..             | 614735           | 13358                |
| Industries n.e.s                     | 29056                 | 29806                  | ..               | 46248           | 550881           | *1147686           | ..              | 328009          | 866            | 2132551          | *1146106             |
| <b>Transport</b>                     | <b>..</b>             | <b>..</b>              | <b>..</b>        | <b>24707663</b> | <b>981155</b>    | <b>1323731</b>     | <b>..</b>       | <b>49816</b>    | <b>..</b>      | <b>27062365</b>  | <b>1323731</b>       |
| Road                                 | ..                    | ..                     | ..               | 21282044        | 50417            | 1304779            | ..              | 23415           | ..             | 22660655         | 1304779              |
| Rail                                 | ..                    | ..                     | ..               | 570616          | ..               | 15014              | ..              | 26402           | ..             | 612032           | 15014                |
| Domestic aviation                    | ..                    | ..                     | ..               | 2495788         | ..               | ..                 | ..              | ..              | ..             | 2495788          | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..               | 359215          | ..               | 3938               | ..              | ..              | ..             | 363152           | 3938                 |
| Pipeline transport                   | ..                    | ..                     | ..               | ..              | 930738           | ..                 | ..              | ..              | ..             | 930738           | ..                   |
| Transport, n.e.s                     | ..                    | ..                     | ..               | ..              | ..               | ..                 | ..              | ..              | ..             | ..               | ..                   |
| <b>Other</b>                         | <b>15938</b>          | <b>..</b>              | <b>..</b>        | <b>1590951</b>  | <b>8468203</b>   | <b>*863580</b>     | <b>..</b>       | <b>11042149</b> | <b>180031</b>  | <b>22160853</b>  | <b>*984444</b>       |
| Agriculture, forestry, fishing       | ..                    | ..                     | ..               | 499254          | 62165            | 10689              | ..              | 270741          | ..             | 842849           | 10689                |
| Commerce, public services            | 15938                 | ..                     | ..               | 463691          | 3462287          | 25306              | ..              | 4910474         | 128545         | 9006241          | 94684                |
| Households                           | ..                    | ..                     | ..               | 628006          | 4943752          | *638445            | ..              | 5171576         | 51486          | 11433265         | *689931              |
| Other consumers                      | ..                    | ..                     | ..               | ..              | ..               | *189140            | ..              | 689359          | ..             | 878499           | *189140              |
| <b>Non-energy use</b>                | <b>..</b>             | <b>..</b>              | <b>354623</b>    | <b>5149122</b>  | <b>997607</b>    | <b>..</b>          | <b>..</b>       | <b>..</b>       | <b>..</b>      | <b>6501352</b>   | <b>..</b>            |

# Uruguay

Terajoules

|                                      | Primary coal and peat | Coal and peat products | Primary Oil  | Oil Products | Natural Gas | Biofuels and waste | Nuclear   | Electricity  | Heat      | Total energy  | of which: renewables |
|--------------------------------------|-----------------------|------------------------|--------------|--------------|-------------|--------------------|-----------|--------------|-----------|---------------|----------------------|
| <b>2018</b>                          |                       |                        |              |              |             |                    |           |              |           |               |                      |
| Primary production                   | ..                    | ..                     | ..           | ..           | ..          | 94917              | ..        | 42128        | ..        | 137045        | 136679               |
| Imports                              | 43                    | ..                     | 90480        | 7830         | 2080        | 91                 | ..        | 49           | ..        | 100574        | 91                   |
| Exports                              | ..                    | ..                     | ..           | -32          | ..          | -13                | ..        | -4302        | ..        | -4348         | -13                  |
| International marine bunkers         | ..                    | ..                     | ..           | -6005        | ..          | ..                 | ..        | ..           | ..        | -6005         | ..                   |
| International aviation bunkers       | ..                    | ..                     | ..           | -4608        | ..          | ..                 | ..        | ..           | ..        | -4608         | ..                   |
| Stock changes                        | ..                    | ..                     | 1112         | -133         | ..          | -90                | ..        | ..           | ..        | 890           | -90                  |
| <b>Total energy supply</b>           | <b>43</b>             | <b>..</b>              | <b>91592</b> | <b>-2949</b> | <b>2080</b> | <b>94905</b>       | <b>..</b> | <b>37875</b> | <b>..</b> | <b>223547</b> | <b>136667</b>        |
| Statistical difference               | 0                     | ..                     | 0            | -1231        | -24         | -47                | ..        | -422         | ..        | -1724         | 42081                |
| Transfers                            | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| <b>Transformation</b>                | ..                    | ..                     | -91571       | 85297        | -102        | -12972             | ..        | 10515        | ..        | -8833         | -12972               |
| Electricity plants                   | ..                    | ..                     | ..           | -4160        | -102        | -12972             | ..        | 10515        | ..        | -6718         | -12972               |
| CHP plants                           | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Heat plants                          | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Coke ovens                           | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Briquetting plants                   | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Liquefaction plants                  | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Gas works                            | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Blast furnaces                       | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| NGL plants & gas blending            | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Oil refineries                       | ..                    | ..                     | -91571       | 89457        | ..          | ..                 | ..        | ..           | ..        | -2115         | ..                   |
| Other transformation                 | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Energy industries own use            | ..                    | ..                     | ..           | -5783        | -47         | ..                 | ..        | -1973        | ..        | -7803         | ..                   |
| Losses                               | ..                    | ..                     | -21          | -208         | -40         | -143               | ..        | -5604        | ..        | -6017         | -143                 |
| <b>Final consumption</b>             | <b>43</b>             | <b>..</b>              | <b>..</b>    | <b>77587</b> | <b>1916</b> | <b>81837</b>       | <b>..</b> | <b>41235</b> | <b>..</b> | <b>202618</b> | <b>81471</b>         |
| <b>Final energy consumption</b>      | <b>..</b>             | <b>..</b>              | <b>..</b>    | <b>72709</b> | <b>1916</b> | <b>81837</b>       | <b>..</b> | <b>41235</b> | <b>..</b> | <b>197697</b> | <b>81471</b>         |
| <b>Manufacturing, const., mining</b> | <b>..</b>             | <b>..</b>              | <b>..</b>    | <b>10037</b> | <b>615</b>  | <b>62026</b>       | <b>..</b> | <b>13326</b> | <b>..</b> | <b>86004</b>  | <b>61660</b>         |
| Iron and steel                       | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Chemical and petrochemical           | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Non-ferrous metals                   | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Non-metallic minerals                | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Transport equipment                  | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Machinery                            | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Mining and quarrying                 | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Food and tobacco                     | ..                    | ..                     | ..           | 374          | ..          | ..                 | ..        | ..           | ..        | 374           | ..                   |
| Paper, pulp and printing             | ..                    | ..                     | ..           | 24           | ..          | 41860              | ..        | ..           | ..        | 41884         | 41860                |
| Wood and wood products               | ..                    | ..                     | ..           | 28           | ..          | ..                 | ..        | ..           | ..        | 28            | ..                   |
| Textile and leather                  | ..                    | ..                     | ..           | 0            | ..          | ..                 | ..        | ..           | ..        | 0             | ..                   |
| Construction                         | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Industries n.e.s                     | ..                    | ..                     | ..           | 9611         | 615         | 20166              | ..        | 13326        | ..        | 43718         | 19800                |
| <b>Transport</b>                     | <b>..</b>             | <b>..</b>              | <b>..</b>    | <b>48393</b> | <b>..</b>   | <b>2650</b>        | <b>..</b> | <b>3</b>     | <b>..</b> | <b>51046</b>  | <b>2650</b>          |
| Road                                 | ..                    | ..                     | ..           | 47594        | ..          | 2647               | ..        | 3            | ..        | 50243         | 2647                 |
| Rail                                 | ..                    | ..                     | ..           | 52           | ..          | 4                  | ..        | ..           | ..        | 56            | 4                    |
| Domestic aviation                    | ..                    | ..                     | ..           | 128          | ..          | ..                 | ..        | ..           | ..        | 128           | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..           | 618          | ..          | ..                 | ..        | ..           | ..        | 618           | ..                   |
| Pipeline transport                   | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Transport, n.e.s                     | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| <b>Other</b>                         | <b>..</b>             | <b>..</b>              | <b>..</b>    | <b>14279</b> | <b>1301</b> | <b>17161</b>       | <b>..</b> | <b>27906</b> | <b>..</b> | <b>60647</b>  | <b>17161</b>         |
| Agriculture, forestry, fishing       | ..                    | ..                     | ..           | 6680         | ..          | 1958               | ..        | 1142         | ..        | 9780          | 1958                 |
| Commerce, public services            | ..                    | ..                     | ..           | 782          | 460         | 16                 | ..        | 11085        | ..        | 12343         | 16                   |
| Households                           | ..                    | ..                     | ..           | 5461         | 841         | 14119              | ..        | 15679        | ..        | 36100         | 14119                |
| Other consumers                      | ..                    | ..                     | ..           | *1356        | ..          | 1068               | ..        | ..           | ..        | *2423         | 1068                 |
| <b>Non-energy use</b>                | <b>43</b>             | <b>..</b>              | <b>..</b>    | <b>4878</b>  | <b>..</b>   | <b>..</b>          | <b>..</b> | <b>..</b>    | <b>..</b> | <b>4921</b>   | <b>..</b>            |

# Uruguay

Terajoules

|                                      | Primary coal and peat | Coal and peat products | Primary Oil  | Oil Products | Natural Gas | Biofuels and waste | Nuclear   | Electricity  | Heat      | Total energy  | of which: renewables |
|--------------------------------------|-----------------------|------------------------|--------------|--------------|-------------|--------------------|-----------|--------------|-----------|---------------|----------------------|
| <b>2019</b>                          |                       |                        |              |              |             |                    |           |              |           |               |                      |
| Primary production                   | ..                    | ..                     | ..           | ..           | ..          | 93764              | ..        | 47823        | ..        | 141587        | 141227               |
| Imports                              | 42                    | ..                     | 84528        | 6896         | 3046        | 106                | ..        | 1            | ..        | 94619         | 106                  |
| Exports                              | ..                    | ..                     | ..           | -306         | ..          | -11                | ..        | -10840       | ..        | -11157        | -11                  |
| International marine bunkers         | ..                    | ..                     | ..           | -6556        | ..          | ..                 | ..        | ..           | ..        | -6556         | ..                   |
| International aviation bunkers       | ..                    | ..                     | ..           | -4282        | ..          | ..                 | ..        | ..           | ..        | -4282         | ..                   |
| Stock changes                        | ..                    | ..                     | 2394         | 4309         | ..          | -26                | ..        | ..           | ..        | 6677          | -26                  |
| <b>Total energy supply</b>           | <b>42</b>             | <b>..</b>              | <b>86922</b> | <b>61</b>    | <b>3046</b> | <b>93833</b>       | <b>..</b> | <b>36984</b> | <b>..</b> | <b>220888</b> | <b>141295</b>        |
| Statistical difference               | 0                     | ..                     | -4           | -1325        | -24         | -88                | ..        | -423         | ..        | -1864         | 47735                |
| Transfers                            | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| <b>Transformation</b>                | ..                    | ..                     | -86888       | 84418        | -995        | -11991             | ..        | 10102        | ..        | -5356         | -11991               |
| Electricity plants                   | ..                    | ..                     | ..           | -1694        | -995        | -11991             | ..        | 10102        | ..        | -4579         | -11991               |
| CHP plants                           | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Heat plants                          | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Coke ovens                           | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Briquetting plants                   | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Liquefaction plants                  | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Gas works                            | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Blast furnaces                       | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| NGL plants & gas blending            | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Oil refineries                       | ..                    | ..                     | -86888       | 86112        | ..          | ..                 | ..        | ..           | ..        | -777          | ..                   |
| Other transformation                 | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Energy industries own use            | ..                    | ..                     | ..           | -5494        | -155        | ..                 | ..        | -1995        | ..        | -7643         | ..                   |
| Losses                               | ..                    | ..                     | -38          | -159         | -45         | -57                | ..        | -4758        | ..        | -5057         | -57                  |
| <b>Final consumption</b>             | <b>42</b>             | <b>..</b>              | <b>..</b>    | <b>80152</b> | <b>1874</b> | <b>81873</b>       | <b>..</b> | <b>40756</b> | <b>..</b> | <b>204697</b> | <b>81512</b>         |
| <b>Final energy consumption</b>      | <b>..</b>             | <b>..</b>              | <b>..</b>    | <b>75300</b> | <b>1874</b> | <b>81873</b>       | <b>..</b> | <b>40756</b> | <b>..</b> | <b>199803</b> | <b>81512</b>         |
| <b>Manufacturing, const., mining</b> | <b>..</b>             | <b>..</b>              | <b>..</b>    | <b>10407</b> | <b>660</b>  | <b>62752</b>       | <b>..</b> | <b>13039</b> | <b>..</b> | <b>86858</b>  | <b>62392</b>         |
| Iron and steel                       | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Chemical and petrochemical           | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Non-ferrous metals                   | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Non-metallic minerals                | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Transport equipment                  | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Machinery                            | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Mining and quarrying                 | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Food and tobacco                     | ..                    | ..                     | ..           | 435          | ..          | ..                 | ..        | ..           | ..        | 435           | ..                   |
| Paper, pulp and printing             | ..                    | ..                     | ..           | 14           | ..          | 42721              | ..        | ..           | ..        | 42735         | 42721                |
| Wood and wood products               | ..                    | ..                     | ..           | 24           | ..          | ..                 | ..        | ..           | ..        | 24            | ..                   |
| Textile and leather                  | ..                    | ..                     | ..           | 0            | ..          | ..                 | ..        | ..           | ..        | 0             | ..                   |
| Construction                         | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Industries n.e.s                     | ..                    | ..                     | ..           | 9934         | 660         | 20031              | ..        | 13039        | ..        | 43664         | 19671                |
| <b>Transport</b>                     | <b>..</b>             | <b>..</b>              | <b>..</b>    | <b>51777</b> | <b>..</b>   | <b>2896</b>        | <b>..</b> | <b>5</b>     | <b>..</b> | <b>54677</b>  | <b>2896</b>          |
| Road                                 | ..                    | ..                     | ..           | 51111        | ..          | 2896               | ..        | 5            | ..        | 54012         | 2896                 |
| Rail                                 | ..                    | ..                     | ..           | 30           | ..          | 0                  | ..        | ..           | ..        | 30            | 0                    |
| Domestic aviation                    | ..                    | ..                     | ..           | 128          | ..          | ..                 | ..        | ..           | ..        | 128           | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..           | 507          | ..          | ..                 | ..        | ..           | ..        | 507           | ..                   |
| Pipeline transport                   | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| Transport, n.e.s                     | ..                    | ..                     | ..           | ..           | ..          | ..                 | ..        | ..           | ..        | ..            | ..                   |
| <b>Other</b>                         | <b>..</b>             | <b>..</b>              | <b>..</b>    | <b>13116</b> | <b>1214</b> | <b>16224</b>       | <b>..</b> | <b>27713</b> | <b>..</b> | <b>58267</b>  | <b>16224</b>         |
| Agriculture, forestry, fishing       | ..                    | ..                     | ..           | 6697         | ..          | 1006               | ..        | 990          | ..        | 8693          | 1006                 |
| Commerce, public services            | ..                    | ..                     | ..           | 936          | 377         | 16                 | ..        | 10925        | ..        | 12254         | 16                   |
| Households                           | ..                    | ..                     | ..           | 5483         | 837         | 14134              | ..        | 15798        | ..        | 36252         | 14134                |
| Other consumers                      | ..                    | ..                     | ..           | ..           | ..          | 1068               | ..        | ..           | ..        | 1068          | 1068                 |
| <b>Non-energy use</b>                | <b>42</b>             | <b>..</b>              | <b>..</b>    | <b>4852</b>  | <b>..</b>   | <b>..</b>          | <b>..</b> | <b>..</b>    | <b>..</b> | <b>4894</b>   | <b>..</b>            |

# Uzbekistan

Terajoules

|                                      | Primary coal and peat | Coal and peat products | Primary Oil    | Oil Products  | Natural Gas    | Biofuels and waste | Nuclear   | Electricity   | Heat           | Total energy   | of which: renewables |
|--------------------------------------|-----------------------|------------------------|----------------|---------------|----------------|--------------------|-----------|---------------|----------------|----------------|----------------------|
| <b>2018</b>                          |                       |                        |                |               |                |                    |           |               |                |                |                      |
| Primary production                   | 61882                 | ..                     | 131582         | ..            | 2094070        | *926               | ..        | 21231         | ..             | 2309691        | 22157                |
| Imports                              | 21357                 | 829                    | 19272          | *37461        | 0              | 2233               | ..        | 8039          | ..             | 89191          | 2233                 |
| Exports                              | 0                     | ..                     | ..             | -246          | -505642        | -2627              | ..        | -9456         | ..             | -517972        | -2627                |
| International marine bunkers         | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..             | ..             | ..                   |
| International aviation bunkers       | ..                    | ..                     | ..             | *-3954        | ..             | ..                 | ..        | ..            | ..             | *-3954         | ..                   |
| Stock changes                        | 18992                 | ..                     | ..             | -5056         | 55367          | ..                 | ..        | ..            | ..             | 69302          | ..                   |
| <b>Total energy supply</b>           | <b>102231</b>         | <b>829</b>             | <b>150853</b>  | <b>*28205</b> | <b>1643794</b> | <b>532</b>         | <b>..</b> | <b>19814</b>  | <b>..</b>      | <b>1946258</b> | <b>21763</b>         |
| Statistical difference               | -1                    | 829                    | 0              | 21            | -10541         | 313                | ..        | -926          | *728           | -9577          | 21544                |
| Transfers                            | ..                    | ..                     | *31106         | *-31106       | ..             | ..                 | ..        | ..            | ..             | 0              | ..                   |
| <b>Transformation</b>                | <b>-53853</b>         | <b>14970</b>           | <b>-181959</b> | <b>162620</b> | <b>-588848</b> | <b>..</b>          | <b>..</b> | <b>188453</b> | <b>*121507</b> | <b>-337111</b> | <b>..</b>            |
| Electricity plants                   | -2325                 | ..                     | ..             | -39           | -26866         | ..                 | ..        | 3743          | ..             | -25487         | ..                   |
| CHP plants                           | -46161                | ..                     | ..             | -5329         | -497204        | ..                 | ..        | 199694        | *61386         | -287614        | ..                   |
| Heat plants                          | ..                    | ..                     | ..             | -1769         | -64778         | ..                 | ..        | -14984        | *60121         | -21410         | ..                   |
| Coke ovens                           | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..             | ..             | ..                   |
| Briquetting plants                   | -5367                 | 14970                  | ..             | ..            | ..             | ..                 | ..        | ..            | ..             | 9603           | ..                   |
| Liquefaction plants                  | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..             | ..             | ..                   |
| Gas works                            | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..             | ..             | ..                   |
| Blast furnaces                       | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..             | ..             | ..                   |
| NGL plants & gas blending            | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..             | ..             | ..                   |
| Oil refineries                       | ..                    | ..                     | -181959        | 169757        | ..             | ..                 | ..        | ..            | ..             | -12202         | ..                   |
| Other transformation                 | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..             | ..             | ..                   |
| Energy industries own use            | -342                  | ..                     | ..             | -7331         | -286851        | ..                 | ..        | -3052         | 0              | -297577        | ..                   |
| Losses                               | -14266                | ..                     | ..             | -274          | -45268         | ..                 | ..        | *-13486       | *-6780         | -80074         | ..                   |
| <b>Final consumption</b>             | <b>33770</b>          | <b>14970</b>           | <b>..</b>      | <b>152093</b> | <b>733368</b>  | <b>*219</b>        | <b>..</b> | <b>192654</b> | <b>113999</b>  | <b>1241073</b> | <b>*219</b>          |
| <b>Final energy consumption</b>      | <b>33770</b>          | <b>14970</b>           | <b>..</b>      | <b>137736</b> | <b>733368</b>  | <b>*219</b>        | <b>..</b> | <b>192654</b> | <b>113999</b>  | <b>1226715</b> | <b>*219</b>          |
| <b>Manufacturing, const., mining</b> | <b>3690</b>           | <b>..</b>              | <b>..</b>      | <b>4322</b>   | <b>189868</b>  | <b>..</b>          | <b>..</b> | <b>55519</b>  | <b>18545</b>   | <b>271944</b>  | <b>..</b>            |
| Iron and steel                       | ..                    | ..                     | ..             | 2441          | 22444          | ..                 | ..        | 26644         | 8424           | 59954          | ..                   |
| Chemical and petrochemical           | ..                    | ..                     | ..             | 119           | 58244          | ..                 | ..        | 12787         | 1431           | 72580          | ..                   |
| Non-ferrous metals                   | 798                   | ..                     | ..             | 679           | ..             | ..                 | ..        | ..            | ..             | 1477           | ..                   |
| Non-metallic minerals                | 2792                  | ..                     | ..             | 701           | 59847          | ..                 | ..        | 3617          | 231            | 67188          | ..                   |
| Transport equipment                  | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..             | ..             | ..                   |
| Machinery                            | 5                     | ..                     | ..             | 50            | 1505           | ..                 | ..        | 1162          | 397            | 3120           | ..                   |
| Mining and quarrying                 | 23                    | ..                     | ..             | 218           | 14046          | ..                 | ..        | 2637          | 2268           | 19192          | ..                   |
| Food and tobacco                     | 5                     | ..                     | ..             | 14            | 4775           | ..                 | ..        | 1798          | 3241           | 9833           | ..                   |
| Paper, pulp and printing             | ..                    | ..                     | ..             | 1             | 984            | ..                 | ..        | 59            | 149            | 1192           | ..                   |
| Wood and wood products               | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..             | ..             | ..                   |
| Textile and leather                  | ..                    | ..                     | ..             | 2             | 8979           | ..                 | ..        | 3774          | 679            | 13433          | ..                   |
| Construction                         | 2                     | ..                     | ..             | ..            | ..             | ..                 | ..        | 1493          | ..             | 1495           | ..                   |
| Industries n.e.s                     | 67                    | ..                     | ..             | 96            | 19043          | ..                 | ..        | 1548          | 1726           | 22480          | ..                   |
| <b>Transport</b>                     | <b>141</b>            | <b>..</b>              | <b>..</b>      | <b>113033</b> | <b>119615</b>  | <b>..</b>          | <b>..</b> | <b>5309</b>   | <b>..</b>      | <b>238096</b>  | <b>..</b>            |
| Road                                 | ..                    | ..                     | ..             | 105132        | 97520          | ..                 | ..        | ..            | ..             | 202652         | ..                   |
| Rail                                 | 141                   | ..                     | ..             | 3808          | ..             | ..                 | ..        | 2973          | ..             | 6922           | ..                   |
| Domestic aviation                    | ..                    | ..                     | ..             | *3954         | ..             | ..                 | ..        | ..            | ..             | *3954          | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..             | ..             | ..                   |
| Pipeline transport                   | ..                    | ..                     | ..             | ..            | 22095          | ..                 | ..        | 2155          | ..             | 24250          | ..                   |
| Transport, n.e.s                     | ..                    | ..                     | ..             | 138           | ..             | ..                 | ..        | 181           | ..             | 319            | ..                   |
| <b>Other</b>                         | <b>29939</b>          | <b>14970</b>           | <b>..</b>      | <b>20381</b>  | <b>423886</b>  | <b>*219</b>        | <b>..</b> | <b>131827</b> | <b>95453</b>   | <b>716675</b>  | <b>*219</b>          |
| Agriculture, forestry, fishing       | 2                     | ..                     | ..             | 134           | 1564           | ..                 | ..        | 64994         | 2261           | 68956          | ..                   |
| Commerce, public services            | 8917                  | ..                     | ..             | ..            | ..             | ..                 | ..        | 17895         | ..             | 26813          | ..                   |
| Households                           | 19739                 | ..                     | ..             | 19658         | 329717         | ..                 | ..        | 48938         | 45167          | 463219         | ..                   |
| Other consumers                      | 1280                  | 14970                  | ..             | 590           | 92604          | *219               | ..        | ..            | 48025          | 157688         | *219                 |
| <b>Non-energy use</b>                | <b>..</b>             | <b>..</b>              | <b>..</b>      | <b>*14357</b> | <b>..</b>      | <b>..</b>          | <b>..</b> | <b>..</b>     | <b>..</b>      | <b>*14357</b>  | <b>..</b>            |

# Uzbekistan

Terajoules

|                                      | Primary coal and peat | Coal and peat products | Primary Oil    | Oil Products  | Natural Gas    | Biofuels and waste | Nuclear   | Electricity   | Heat           | Total energy   | of which: renewables |
|--------------------------------------|-----------------------|------------------------|----------------|---------------|----------------|--------------------|-----------|---------------|----------------|----------------|----------------------|
| <b>2019</b>                          |                       |                        |                |               |                |                    |           |               |                |                |                      |
| Primary production                   | 60268                 | ..                     | 136969         | ..            | 2064367        | *929               | ..        | 23319         | ..             | 2285853        | 24248                |
| Imports                              | 23638                 | 1293                   | 8260           | *48635        | ..             | *2239              | ..        | 12166         | ..             | *96231         | *2239                |
| Exports                              | 0                     | ..                     | ..             | -2331         | -415885        | *-2635             | ..        | -7441         | ..             | -428292        | *-2635               |
| International marine bunkers         | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..             | ..             | ..                   |
| International aviation bunkers       | ..                    | ..                     | ..             | *-3031        | ..             | ..                 | ..        | ..            | ..             | *-3031         | ..                   |
| Stock changes                        | 3445                  | ..                     | ..             | 2814          | 41826          | ..                 | ..        | ..            | ..             | 48084          | ..                   |
| <b>Total energy supply</b>           | <b>87351</b>          | <b>1293</b>            | <b>145230</b>  | <b>*46086</b> | <b>1690308</b> | <b>*533</b>        | <b>..</b> | <b>28044</b>  | <b>..</b>      | <b>1998845</b> | <b>23853</b>         |
| Statistical difference               | 1                     | 1293                   | 0              | -2102         | -2489          | *278               | ..        | -1751         | *114           | -4658          | 23597                |
| Transfers                            | ..                    | ..                     | *31106         | *-31106       | ..             | ..                 | ..        | ..            | ..             | 0              | ..                   |
| <b>Transformation</b>                | <b>-57841</b>         | <b>6557</b>            | <b>-176336</b> | <b>149832</b> | <b>-587651</b> | <b>..</b>          | <b>..</b> | <b>182165</b> | <b>*133833</b> | <b>-349441</b> | <b>..</b>            |
| Electricity plants                   | -892                  | ..                     | ..             | -61           | *-26812        | ..                 | ..        | 5269          | ..             | *-22497        | ..                   |
| CHP plants                           | -51683                | ..                     | ..             | -8313         | *-496193       | ..                 | ..        | 198288        | 59239          | *-298662       | ..                   |
| Heat plants                          | -26                   | ..                     | ..             | -1376         | *-64646        | ..                 | ..        | -21392        | *74594         | *-12847        | ..                   |
| Coke ovens                           | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..             | ..             | ..                   |
| Briquetting plants                   | -5239                 | 6557                   | ..             | ..            | ..             | ..                 | ..        | ..            | ..             | 1318           | ..                   |
| Liquefaction plants                  | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..             | ..             | ..                   |
| Gas works                            | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..             | ..             | ..                   |
| Blast furnaces                       | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..             | ..             | ..                   |
| NGL plants & gas blending            | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..             | ..             | ..                   |
| Oil refineries                       | ..                    | ..                     | -176336        | 159583        | ..             | ..                 | ..        | ..            | ..             | -16753         | ..                   |
| Other transformation                 | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..             | ..             | ..                   |
| Energy industries own use            | -37                   | ..                     | ..             | *-7317        | -303856        | ..                 | ..        | -3042         | 0              | -314252        | ..                   |
| Losses                               | -581                  | ..                     | ..             | -193          | -38082         | ..                 | ..        | -13889        | -7507          | -60251         | ..                   |
| <b>Final consumption</b>             | <b>28893</b>          | <b>6557</b>            | <b>..</b>      | <b>159404</b> | <b>763208</b>  | <b>*256</b>        | <b>..</b> | <b>195029</b> | <b>126213</b>  | <b>1279560</b> | <b>*256</b>          |
| <b>Final energy consumption</b>      | <b>28893</b>          | <b>6557</b>            | <b>..</b>      | <b>141693</b> | <b>763208</b>  | <b>*256</b>        | <b>..</b> | <b>195029</b> | <b>126213</b>  | <b>1261849</b> | <b>*256</b>          |
| <b>Manufacturing, const., mining</b> | <b>11590</b>          | <b>..</b>              | <b>..</b>      | <b>4222</b>   | <b>204222</b>  | <b>..</b>          | <b>..</b> | <b>62576</b>  | <b>17968</b>   | <b>300578</b>  | <b>..</b>            |
| Iron and steel                       | ..                    | ..                     | ..             | 1241          | 23971          | ..                 | ..        | 28231         | 8713           | 62156          | ..                   |
| Chemical and petrochemical           | ..                    | ..                     | ..             | 448           | 79437          | ..                 | ..        | 13046         | 1850           | 94781          | ..                   |
| Non-ferrous metals                   | 392                   | ..                     | ..             | 1141          | ..             | ..                 | ..        | ..            | ..             | 1533           | ..                   |
| Non-metallic minerals                | 10845                 | ..                     | ..             | 677           | 48725          | ..                 | ..        | 3620          | 411            | 64278          | ..                   |
| Transport equipment                  | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..             | ..             | ..                   |
| Machinery                            | 2                     | ..                     | ..             | 75            | 2043           | ..                 | ..        | 1184          | 355            | 3660           | ..                   |
| Mining and quarrying                 | 42                    | ..                     | ..             | 233           | 4505           | ..                 | ..        | 1832          | 1012           | 7624           | ..                   |
| Food and tobacco                     | 23                    | ..                     | ..             | 90            | 14702          | ..                 | ..        | 1645          | 2822           | 19283          | ..                   |
| Paper, pulp and printing             | 3                     | ..                     | ..             | 18            | 1137           | ..                 | ..        | 162           | 190            | 1511           | ..                   |
| Wood and wood products               | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..             | ..             | ..                   |
| Textile and leather                  | 72                    | ..                     | ..             | 145           | 10658          | ..                 | ..        | 8021          | 888            | 19785          | ..                   |
| Construction                         | 100                   | ..                     | ..             | ..            | ..             | ..                 | ..        | 1493          | ..             | 1594           | ..                   |
| Industries n.e.s                     | 110                   | ..                     | ..             | 154           | 19043          | ..                 | ..        | 3340          | 1727           | 24374          | ..                   |
| <b>Transport</b>                     | <b>133</b>            | <b>..</b>              | <b>..</b>      | <b>104954</b> | <b>137737</b>  | <b>..</b>          | <b>..</b> | <b>7614</b>   | <b>..</b>      | <b>250438</b>  | <b>..</b>            |
| Road                                 | ..                    | ..                     | ..             | 98287         | 115642         | ..                 | ..        | ..            | ..             | 213929         | ..                   |
| Rail                                 | 133                   | ..                     | ..             | 3555          | ..             | ..                 | ..        | 5256          | ..             | 8945           | ..                   |
| Domestic aviation                    | ..                    | ..                     | ..             | *3031         | ..             | ..                 | ..        | ..            | ..             | *3031          | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..             | ..             | ..                   |
| Pipeline transport                   | ..                    | ..                     | ..             | ..            | 22095          | ..                 | ..        | 2246          | ..             | 24341          | ..                   |
| Transport, n.e.s                     | ..                    | ..                     | ..             | 80            | ..             | ..                 | ..        | 112           | ..             | 191            | ..                   |
| <b>Other</b>                         | <b>17169</b>          | <b>6557</b>            | <b>..</b>      | <b>32518</b>  | <b>421249</b>  | <b>*256</b>        | <b>..</b> | <b>124840</b> | <b>108245</b>  | <b>710834</b>  | <b>*256</b>          |
| Agriculture, forestry, fishing       | 403                   | ..                     | ..             | 144           | 877            | ..                 | ..        | 54209         | 2387           | 58020          | ..                   |
| Commerce, public services            | 4597                  | ..                     | ..             | 6595          | ..             | ..                 | ..        | 17895         | ..             | 29087          | ..                   |
| Households                           | 12144                 | ..                     | ..             | 21978         | 317293         | ..                 | ..        | 48524         | 49354          | 449292         | ..                   |
| Other consumers                      | 25                    | 6557                   | ..             | 3800          | 103080         | *256               | ..        | 4212          | 56504          | 174434         | *256                 |
| <b>Non-energy use</b>                | <b>..</b>             | <b>..</b>              | <b>..</b>      | <b>*17710</b> | <b>..</b>      | <b>..</b>          | <b>..</b> | <b>..</b>     | <b>..</b>      | <b>*17710</b>  | <b>..</b>            |

# Vanuatu

Terajoules

|                                      | All Coal | All Oil | Natural Gas | Primary biofuels / Waste | Charcoal | Electricity | Total energy | of which: renewables |
|--------------------------------------|----------|---------|-------------|--------------------------|----------|-------------|--------------|----------------------|
| <b>2018</b>                          |          |         |             |                          |          |             |              |                      |
| Primary production                   | ..       | ..      | ..          | 837                      | ..       | 62          | 899          | 899                  |
| Imports                              | ..       | 3078    | ..          | ..                       | ..       | ..          | 3078         | ..                   |
| Exports                              | ..       | ..      | ..          | 0                        | ..       | ..          | 0            | 0                    |
| International marine bunkers         | ..       | *-210   | ..          | ..                       | ..       | ..          | *-210        | ..                   |
| International aviation bunkers       | ..       | *-331   | ..          | ..                       | ..       | ..          | *-331        | ..                   |
| Stock changes                        | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| <b>Total energy supply</b>           | ..       | 2537    | ..          | 837                      | ..       | 62          | 3436         | 899                  |
| Statistical Difference               | ..       | 0       | ..          | 0                        | 0        | 0           | 0            | 62                   |
| Transfers                            | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| <b>Transformation</b>                | ..       | -609    | ..          | *41                      | 19       | 228         | -403         | *-22                 |
| Electricity plants                   | ..       | -609    | ..          | -5                       | ..       | 228         | -387         | -5                   |
| Charcoal plants                      | ..       | ..      | ..          | *-35                     | 19       | ..          | *-16         | *-16                 |
| Other transformation                 | ..       | 0       | ..          | 0                        | ..       | ..          | 0            | 0                    |
| Energy industries own use            | ..       | ..      | ..          | ..                       | ..       | -8          | -8           | ..                   |
| Losses                               | ..       | ..      | ..          | ..                       | ..       | -22         | -22          | ..                   |
| <b>Final consumption</b>             | ..       | *1929   | ..          | *796                     | *19      | 259         | *3003        | *815                 |
| <b>Final energy consumption</b>      | ..       | *1840   | ..          | *796                     | *19      | 259         | *2914        | *815                 |
| <b>Manufacturing, const., mining</b> | ..       | ..      | ..          | ..                       | ..       | 98          | 98           | ..                   |
| <b>Transport</b>                     | ..       | *1778   | ..          | ..                       | ..       | ..          | *1778        | ..                   |
| Road                                 | ..       | *1620   | ..          | ..                       | ..       | ..          | *1620        | ..                   |
| Domestic aviation                    | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| Domestic navigation                  | ..       | *158    | ..          | ..                       | ..       | ..          | *158         | ..                   |
| Other transport                      | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| <b>Other</b>                         | ..       | *62     | ..          | *796                     | *19      | 161         | *1038        | *815                 |
| Agriculture, forestry, fishing       | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| Commerce and public services         | ..       | ..      | ..          | ..                       | ..       | 66          | 66           | ..                   |
| Households                           | ..       | *62     | ..          | *796                     | *19      | 91          | *967         | *815                 |
| Other consumers                      | ..       | ..      | ..          | ..                       | ..       | 5           | 5            | ..                   |
| <b>Non-energy use</b>                | ..       | *88     | ..          | ..                       | ..       | ..          | *88          | ..                   |
| <b>2019</b>                          |          |         |             |                          |          |             |              |                      |
| Primary production                   | ..       | ..      | ..          | 840                      | ..       | 70          | 909          | 909                  |
| Imports                              | ..       | 2965    | ..          | ..                       | ..       | ..          | 2965         | ..                   |
| Exports                              | ..       | ..      | ..          | 0                        | ..       | ..          | 0            | 0                    |
| International marine bunkers         | ..       | *-222   | ..          | ..                       | ..       | ..          | *-222        | ..                   |
| International aviation bunkers       | ..       | *-348   | ..          | ..                       | ..       | ..          | *-348        | ..                   |
| Stock changes                        | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| <b>Total energy supply</b>           | ..       | 2395    | ..          | 840                      | ..       | 70          | 3304         | 909                  |
| Statistical Difference               | ..       | 0       | ..          | 0                        | 0        | 0           | 0            | 70                   |
| Transfers                            | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| <b>Transformation</b>                | ..       | -621    | ..          | *44                      | 20       | 227         | -419         | *-25                 |
| Electricity plants                   | ..       | -621    | ..          | -8                       | ..       | 227         | -402         | -8                   |
| Charcoal plants                      | ..       | ..      | ..          | *-36                     | 20       | ..          | *-17         | *-17                 |
| Other transformation                 | ..       | 0       | ..          | 0                        | ..       | ..          | 0            | 0                    |
| Energy industries own use            | ..       | ..      | ..          | ..                       | ..       | *-7         | *-7          | ..                   |
| Losses                               | ..       | ..      | ..          | ..                       | ..       | -21         | -21          | ..                   |
| <b>Final consumption</b>             | ..       | *1774   | ..          | *795                     | *20      | 269         | *2858        | *815                 |
| <b>Final energy consumption</b>      | ..       | *1683   | ..          | *795                     | *20      | 269         | *2767        | *815                 |
| <b>Manufacturing, const., mining</b> | ..       | ..      | ..          | ..                       | ..       | 103         | 103          | ..                   |
| <b>Transport</b>                     | ..       | *1619   | ..          | ..                       | ..       | ..          | *1619        | ..                   |
| Road                                 | ..       | *1458   | ..          | ..                       | ..       | ..          | *1458        | ..                   |
| Domestic aviation                    | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| Domestic navigation                  | ..       | 161     | ..          | ..                       | ..       | ..          | 161          | ..                   |
| Other transport                      | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| <b>Other</b>                         | ..       | *64     | ..          | *795                     | *20      | 166         | *1045        | *815                 |
| Agriculture, forestry, fishing       | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| Commerce and public services         | ..       | ..      | ..          | ..                       | ..       | 69          | 69           | ..                   |
| Households                           | ..       | *64     | ..          | *795                     | *20      | 93          | *971         | *815                 |
| Other consumers                      | ..       | ..      | ..          | ..                       | ..       | 5           | 5            | ..                   |
| <b>Non-energy use</b>                | ..       | *91     | ..          | ..                       | ..       | ..          | *91          | ..                   |



# Venezuela (Bolivar. Rep.)

Terajoules

|                                      | Primary coal and peat | Coal and peat products | Primary Oil   | Oil Products   | Natural Gas   | Biofuels and waste | Nuclear   | Electricity   | Heat      | Total energy   | of which: renewables |
|--------------------------------------|-----------------------|------------------------|---------------|----------------|---------------|--------------------|-----------|---------------|-----------|----------------|----------------------|
| <b>2018</b>                          |                       |                        |               |                |               |                    |           |               |           |                |                      |
| Primary production                   | 6113                  | ..                     | 3553189       | ..             | 762981        | 30620              | ..        | 209617        | ..        | 4562521        | 240237               |
| Imports                              | ..                    | ..                     | ..            | 409119         | ..            | ..                 | ..        | ..            | ..        | 409119         | ..                   |
| Exports                              | -4737                 | ..                     | -2781056      | -495711        | ..            | ..                 | ..        | -3683         | ..        | -3285187       | ..                   |
| International marine bunkers         | ..                    | ..                     | ..            | -5561          | ..            | ..                 | ..        | ..            | ..        | -5561          | ..                   |
| International aviation bunkers       | ..                    | ..                     | ..            | -10099         | ..            | ..                 | ..        | ..            | ..        | -10099         | ..                   |
| Stock changes                        | ..                    | ..                     | ..            | ..             | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| <b>Total energy supply</b>           | <b>1375</b>           | <b>..</b>              | <b>772134</b> | <b>-102252</b> | <b>762981</b> | <b>30620</b>       | <b>..</b> | <b>205934</b> | <b>..</b> | <b>1670793</b> | <b>240237</b>        |
| Statistical difference               | 0                     | ..                     | -342944       | -5590          | -3813         | *-1                | ..        | 821           | ..        | -351528        | 209616               |
| Transfers                            | ..                    | ..                     | 183925        | -230328        | ..            | ..                 | ..        | ..            | ..        | -46403         | ..                   |
| <b>Transformation</b>                | ..                    | ..                     | -1299002      | 1083215        | -271427       | *-180              | ..        | 149436        | ..        | -337959        | *-180                |
| Electricity plants                   | ..                    | ..                     | ..            | -204927        | -271427       | ..                 | ..        | 149436        | ..        | -326918        | ..                   |
| CHP plants                           | ..                    | ..                     | ..            | ..             | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Heat plants                          | ..                    | ..                     | ..            | ..             | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Coke ovens                           | ..                    | ..                     | ..            | ..             | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Briquetting plants                   | ..                    | ..                     | ..            | ..             | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Liquefaction plants                  | ..                    | ..                     | ..            | ..             | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Gas works                            | ..                    | ..                     | ..            | ..             | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Blast furnaces                       | ..                    | ..                     | ..            | ..             | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| NGL plants & gas blending            | ..                    | ..                     | -58445        | 62277          | ..            | ..                 | ..        | ..            | ..        | 3832           | ..                   |
| Oil refineries                       | ..                    | ..                     | -1240557      | 1225865        | ..            | ..                 | ..        | ..            | ..        | -14693         | ..                   |
| Other transformation                 | ..                    | ..                     | ..            | ..             | ..            | *-180              | ..        | ..            | ..        | *-180          | *-180                |
| Energy industries own use            | ..                    | ..                     | ..            | -171090        | -256532       | ..                 | ..        | -6905         | ..        | -434527        | ..                   |
| Losses                               | ..                    | ..                     | ..            | ..             | ..            | ..                 | ..        | -111535       | ..        | -111535        | ..                   |
| <b>Final consumption</b>             | <b>1375</b>           | <b>..</b>              | <b>..</b>     | <b>585136</b>  | <b>238835</b> | <b>*30441</b>      | <b>..</b> | <b>236110</b> | <b>..</b> | <b>1091897</b> | <b>*30441</b>        |
| <b>Final energy consumption</b>      | <b>1375</b>           | <b>..</b>              | <b>..</b>     | <b>561619</b>  | <b>238835</b> | <b>*30441</b>      | <b>..</b> | <b>236110</b> | <b>..</b> | <b>1068380</b> | <b>*30441</b>        |
| <b>Manufacturing, const., mining</b> | <b>1375</b>           | <b>..</b>              | <b>..</b>     | <b>76019</b>   | <b>198799</b> | <b>*20436</b>      | <b>..</b> | <b>74268</b>  | <b>..</b> | <b>370897</b>  | <b>*20436</b>        |
| Iron and steel                       | ..                    | ..                     | ..            | ..             | 35657         | ..                 | ..        | 871           | ..        | 36528          | ..                   |
| Chemical and petrochemical           | ..                    | ..                     | ..            | ..             | 116984        | ..                 | ..        | 8903          | ..        | 125887         | ..                   |
| Non-ferrous metals                   | ..                    | ..                     | ..            | ..             | 5617          | ..                 | ..        | 22439         | ..        | 28056          | ..                   |
| Non-metallic minerals                | 1375                  | ..                     | ..            | 1252           | 10990         | ..                 | ..        | ..            | ..        | 13618          | ..                   |
| Transport equipment                  | ..                    | ..                     | ..            | ..             | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Machinery                            | ..                    | ..                     | ..            | ..             | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Mining and quarrying                 | ..                    | ..                     | ..            | ..             | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Food and tobacco                     | ..                    | ..                     | ..            | ..             | ..            | *11061             | ..        | ..            | ..        | *11061         | *11061               |
| Paper, pulp and printing             | ..                    | ..                     | ..            | ..             | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Wood and wood products               | ..                    | ..                     | ..            | ..             | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Textile and leather                  | ..                    | ..                     | ..            | ..             | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Construction                         | ..                    | ..                     | ..            | ..             | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Industries n.e.s                     | 0                     | ..                     | ..            | 74766          | 29552         | *9375              | ..        | 42055         | ..        | 155748         | *9375                |
| <b>Transport</b>                     | <b>..</b>             | <b>..</b>              | <b>..</b>     | <b>443183</b>  | <b>680</b>    | <b>..</b>          | <b>..</b> | <b>..</b>     | <b>..</b> | <b>443864</b>  | <b>..</b>            |
| Road                                 | ..                    | ..                     | ..            | 434231         | ..            | ..                 | ..        | ..            | ..        | 434231         | ..                   |
| Rail                                 | ..                    | ..                     | ..            | ..             | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Domestic aviation                    | ..                    | ..                     | ..            | 8952           | ..            | ..                 | ..        | ..            | ..        | 8952           | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..            | ..             | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Pipeline transport                   | ..                    | ..                     | ..            | ..             | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Transport, n.e.s                     | ..                    | ..                     | ..            | ..             | 680           | ..                 | ..        | ..            | ..        | 680            | ..                   |
| <b>Other</b>                         | <b>..</b>             | <b>..</b>              | <b>..</b>     | <b>42417</b>   | <b>39355</b>  | <b>*10005</b>      | <b>..</b> | <b>161842</b> | <b>..</b> | <b>253619</b>  | <b>*10005</b>        |
| Agriculture, forestry, fishing       | ..                    | ..                     | ..            | ..             | ..            | ..                 | ..        | 1620          | ..        | 1620           | ..                   |
| Commerce, public services            | ..                    | ..                     | ..            | 11321          | 9184          | *1870              | ..        | 75352         | ..        | 97726          | *1870                |
| Households                           | ..                    | ..                     | ..            | 31096          | 30172         | *8135              | ..        | 84870         | ..        | 154273         | *8135                |
| Other consumers                      | ..                    | ..                     | ..            | ..             | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| <b>Non-energy use</b>                | <b>..</b>             | <b>..</b>              | <b>..</b>     | <b>23517</b>   | <b>..</b>     | <b>..</b>          | <b>..</b> | <b>..</b>     | <b>..</b> | <b>23517</b>   | <b>..</b>            |

# Venezuela (Bolivar. Rep.)

Terajoules

|                                      | Primary coal and peat | Coal and peat products | Primary Oil   | Oil Products  | Natural Gas   | Biofuels and waste | Nuclear   | Electricity   | Heat      | Total energy   | of which: renewables |
|--------------------------------------|-----------------------|------------------------|---------------|---------------|---------------|--------------------|-----------|---------------|-----------|----------------|----------------------|
| <b>2019</b>                          |                       |                        |               |               |               |                    |           |               |           |                |                      |
| Primary production                   | 12041                 | ..                     | 2392888       | ..            | 630723        | 23519              | ..        | 179040        | ..        | 3238212        | 202559               |
| Imports                              | ..                    | ..                     | ..            | 238318        | ..            | ..                 | ..        | ..            | ..        | 238318         | ..                   |
| Exports                              | -10214                | ..                     | -1849276      | -241483       | ..            | ..                 | ..        | -3132         | ..        | -2104105       | ..                   |
| International marine bunkers         | ..                    | ..                     | ..            | -3612         | ..            | ..                 | ..        | ..            | ..        | -3612          | ..                   |
| International aviation bunkers       | ..                    | ..                     | ..            | -7226         | ..            | ..                 | ..        | ..            | ..        | -7226          | ..                   |
| Stock changes                        | ..                    | ..                     | ..            | ..            | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| <b>Total energy supply</b>           | <b>1827</b>           | <b>..</b>              | <b>543612</b> | <b>-14004</b> | <b>630723</b> | <b>23519</b>       | <b>..</b> | <b>175909</b> | <b>..</b> | <b>1361586</b> | <b>202559</b>        |
| Statistical difference               | 0                     | ..                     | -440843       | 19762         | 48466         | 0                  | ..        | -1802         | ..        | -374417        | 179040               |
| Transfers                            | ..                    | ..                     | 169607        | -213680       | ..            | ..                 | ..        | ..            | ..        | -44073         | ..                   |
| <b>Transformation</b>                | ..                    | ..                     | -1154062      | 864162        | -231689       | *-103              | ..        | 127556        | ..        | -394136        | *-103                |
| Electricity plants                   | ..                    | ..                     | ..            | -174922       | -231689       | ..                 | ..        | 127556        | ..        | -279055        | ..                   |
| CHP plants                           | ..                    | ..                     | ..            | ..            | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Heat plants                          | ..                    | ..                     | ..            | ..            | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Coke ovens                           | ..                    | ..                     | ..            | ..            | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Briquetting plants                   | ..                    | ..                     | ..            | ..            | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Liquefaction plants                  | ..                    | ..                     | ..            | ..            | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Gas works                            | ..                    | ..                     | ..            | ..            | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Blast furnaces                       | ..                    | ..                     | ..            | ..            | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| NGL plants & gas blending            | ..                    | ..                     | -38579        | 41035         | ..            | ..                 | ..        | ..            | ..        | 2457           | ..                   |
| Oil refineries                       | ..                    | ..                     | -1115484      | 998049        | ..            | ..                 | ..        | ..            | ..        | -117435        | ..                   |
| Other transformation                 | ..                    | ..                     | ..            | ..            | ..            | *-103              | ..        | ..            | ..        | *-103          | *-103                |
| Energy industries own use            | ..                    | ..                     | ..            | -129652       | -212064       | ..                 | ..        | -6054         | ..        | -347770        | ..                   |
| Losses                               | ..                    | ..                     | ..            | ..            | ..            | ..                 | ..        | -95229        | ..        | -95229         | ..                   |
| <b>Final consumption</b>             | <b>1827</b>           | <b>..</b>              | <b>..</b>     | <b>487064</b> | <b>138504</b> | <b>*23416</b>      | <b>..</b> | <b>203984</b> | <b>..</b> | <b>854795</b>  | <b>*23416</b>        |
| <b>Final energy consumption</b>      | <b>1827</b>           | <b>..</b>              | <b>..</b>     | <b>466516</b> | <b>138504</b> | <b>*23416</b>      | <b>..</b> | <b>203984</b> | <b>..</b> | <b>834247</b>  | <b>*23416</b>        |
| <b>Manufacturing, const., mining</b> | <b>1827</b>           | <b>..</b>              | <b>..</b>     | <b>39150</b>  | <b>113174</b> | <b>*16657</b>      | <b>..</b> | <b>65809</b>  | <b>..</b> | <b>236617</b>  | <b>*16657</b>        |
| Iron and steel                       | ..                    | ..                     | ..            | ..            | 20299         | ..                 | ..        | 345           | ..        | 20644          | ..                   |
| Chemical and petrochemical           | ..                    | ..                     | ..            | ..            | 66597         | ..                 | ..        | 8397          | ..        | 74994          | ..                   |
| Non-ferrous metals                   | ..                    | ..                     | ..            | ..            | 3198          | ..                 | ..        | 21164         | ..        | 24361          | ..                   |
| Non-metallic minerals                | 1827                  | ..                     | ..            | 819           | 6257          | ..                 | ..        | ..            | ..        | 8902           | ..                   |
| Transport equipment                  | ..                    | ..                     | ..            | ..            | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Machinery                            | ..                    | ..                     | ..            | ..            | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Mining and quarrying                 | ..                    | ..                     | ..            | ..            | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Food and tobacco                     | ..                    | ..                     | ..            | ..            | ..            | *7190              | ..        | ..            | ..        | *7190          | *7190                |
| Paper, pulp and printing             | ..                    | ..                     | ..            | ..            | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Wood and wood products               | ..                    | ..                     | ..            | ..            | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Textile and leather                  | ..                    | ..                     | ..            | ..            | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Construction                         | ..                    | ..                     | ..            | ..            | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Industries n.e.s                     | 0                     | ..                     | ..            | 38332         | 16823         | *9467              | ..        | 35904         | ..        | 100526         | *9467                |
| <b>Transport</b>                     | <b>..</b>             | <b>..</b>              | <b>..</b>     | <b>403235</b> | <b>563</b>    | <b>..</b>          | <b>..</b> | <b>..</b>     | <b>..</b> | <b>403798</b>  | <b>..</b>            |
| Road                                 | ..                    | ..                     | ..            | 399622        | ..            | ..                 | ..        | ..            | ..        | 399622         | ..                   |
| Rail                                 | ..                    | ..                     | ..            | ..            | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Domestic aviation                    | ..                    | ..                     | ..            | 3613          | ..            | ..                 | ..        | ..            | ..        | 3613           | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..            | ..            | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Pipeline transport                   | ..                    | ..                     | ..            | ..            | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Transport, n.e.s                     | ..                    | ..                     | ..            | ..            | 563           | ..                 | ..        | ..            | ..        | 563            | ..                   |
| <b>Other</b>                         | <b>..</b>             | <b>..</b>              | <b>..</b>     | <b>24131</b>  | <b>24768</b>  | <b>6759</b>        | <b>..</b> | <b>138175</b> | <b>..</b> | <b>193833</b>  | <b>6759</b>          |
| Agriculture, forestry, fishing       | ..                    | ..                     | ..            | ..            | ..            | ..                 | ..        | 1383          | ..        | 1383           | ..                   |
| Commerce, public services            | ..                    | ..                     | ..            | 6439          | 7592          | 1063               | ..        | 64335         | ..        | 79429          | 1063                 |
| Households                           | ..                    | ..                     | ..            | 17692         | 17176         | 5696               | ..        | 72457         | ..        | 113022         | 5696                 |
| Other consumers                      | ..                    | ..                     | ..            | ..            | ..            | ..                 | ..        | ..            | ..        | ..             | ..                   |
| <b>Non-energy use</b>                | <b>..</b>             | <b>..</b>              | <b>..</b>     | <b>20547</b>  | <b>..</b>     | <b>..</b>          | <b>..</b> | <b>..</b>     | <b>..</b> | <b>20547</b>   | <b>..</b>            |

# Viet Nam

Terajoules

|                                      | Primary coal and peat | Coal and peat products | Primary Oil    | Oil Products  | Natural Gas    | Biofuels and waste | Nuclear   | Electricity   | Heat      | Total energy   | of which: renewables |
|--------------------------------------|-----------------------|------------------------|----------------|---------------|----------------|--------------------|-----------|---------------|-----------|----------------|----------------------|
| <b>2018</b>                          |                       |                        |                |               |                |                    |           |               |           |                |                      |
| Primary production                   | 985834                | ..                     | 523975         | ..            | 339470         | *475375            | ..        | 304643        | ..        | 2629297        | 780018               |
| Imports                              | 535882                | 25634                  | 218987         | 731282        | ..             | ..                 | ..        | 6201          | ..        | 1517985        | ..                   |
| Exports                              | -55989                | -28                    | -167550        | -95918        | ..             | ..                 | ..        | -2638         | ..        | -322123        | ..                   |
| International marine bunkers         | ..                    | ..                     | ..             | -11554        | ..             | ..                 | ..        | ..            | ..        | -11554         | ..                   |
| International aviation bunkers       | ..                    | ..                     | ..             | -49789        | ..             | ..                 | ..        | ..            | ..        | -49789         | ..                   |
| Stock changes                        | ..                    | ..                     | -85945         | -25071        | ..             | ..                 | ..        | ..            | ..        | -111016        | ..                   |
| <b>Total energy supply</b>           | <b>1465727</b>        | <b>25606</b>           | <b>489467</b>  | <b>548950</b> | <b>339470</b>  | <b>*475375</b>     | <b>..</b> | <b>308206</b> | <b>..</b> | <b>3652800</b> | <b>780018</b>        |
| Statistical difference               | 359695                | 0                      | -34378         | 128850        | -4             | 0                  | ..        | 0             | ..        | 454163         | 304643               |
| Transfers                            | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..        | ..             | ..                   |
| <b>Transformation</b>                | <b>-684450</b>        | <b>59981</b>           | <b>-484128</b> | <b>467036</b> | <b>-299664</b> | <b>-10403</b>      | <b>..</b> | <b>462874</b> | <b>..</b> | <b>-488753</b> | <b>-10403</b>        |
| Electricity plants                   | *-684450              | ..                     | ..             | -2720         | -259435        | -2177              | ..        | 462874        | ..        | -485908        | -2177                |
| CHP plants                           | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Heat plants                          | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Coke ovens                           | ..                    | 59981                  | ..             | ..            | ..             | ..                 | ..        | ..            | ..        | 59981          | ..                   |
| Briquetting plants                   | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Liquefaction plants                  | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Gas works                            | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Blast furnaces                       | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..        | ..             | ..                   |
| NGL plants & gas blending            | ..                    | ..                     | -16840         | 18021         | ..             | ..                 | ..        | ..            | ..        | 1181           | ..                   |
| Oil refineries                       | ..                    | ..                     | -467288        | 451734        | ..             | ..                 | ..        | ..            | ..        | -15554         | ..                   |
| Other transformation                 | ..                    | ..                     | ..             | ..            | -40228         | -8226              | ..        | ..            | ..        | -48454         | -8226                |
| Energy industries own use            | ..                    | ..                     | -37589         | ..            | ..             | ..                 | ..        | -24334        | ..        | -61923         | ..                   |
| Losses                               | ..                    | ..                     | -2127          | ..            | ..             | ..                 | ..        | -53022        | ..        | -55149         | ..                   |
| <b>Final consumption</b>             | <b>421582</b>         | <b>85587</b>           | <b>..</b>      | <b>887136</b> | <b>39810</b>   | <b>464973</b>      | <b>..</b> | <b>693724</b> | <b>..</b> | <b>2592812</b> | <b>464973</b>        |
| <b>Final energy consumption</b>      | <b>421582</b>         | <b>85587</b>           | <b>..</b>      | <b>832826</b> | <b>39810</b>   | <b>464973</b>      | <b>..</b> | <b>693724</b> | <b>..</b> | <b>2538501</b> | <b>464973</b>        |
| <b>Manufacturing, const., mining</b> | <b>331172</b>         | <b>85587</b>           | <b>..</b>      | <b>152442</b> | <b>36965</b>   | <b>319231</b>      | <b>..</b> | <b>382090</b> | <b>..</b> | <b>1307487</b> | <b>319231</b>        |
| Iron and steel                       | ..                    | 85587                  | ..             | 11646         | ..             | ..                 | ..        | ..            | ..        | 97233          | ..                   |
| Chemical and petrochemical           | 30862                 | ..                     | ..             | 16383         | 32821          | ..                 | ..        | ..            | ..        | 80066          | ..                   |
| Non-ferrous metals                   | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Non-metallic minerals                | ..                    | ..                     | ..             | 2071          | 4145           | ..                 | ..        | ..            | ..        | 6215           | ..                   |
| Transport equipment                  | ..                    | ..                     | ..             | 44            | ..             | ..                 | ..        | ..            | ..        | 44             | ..                   |
| Machinery                            | ..                    | ..                     | ..             | 2220          | ..             | ..                 | ..        | ..            | ..        | 2220           | ..                   |
| Mining and quarrying                 | ..                    | ..                     | ..             | 5058          | ..             | ..                 | ..        | ..            | ..        | 5058           | ..                   |
| Food and tobacco                     | ..                    | ..                     | ..             | 466           | ..             | ..                 | ..        | ..            | ..        | 466            | ..                   |
| Paper, pulp and printing             | ..                    | ..                     | ..             | 229           | ..             | ..                 | ..        | ..            | ..        | 229            | ..                   |
| Wood and wood products               | ..                    | ..                     | ..             | 47            | ..             | ..                 | ..        | ..            | ..        | 47             | ..                   |
| Textile and leather                  | ..                    | ..                     | ..             | 1365          | ..             | ..                 | ..        | ..            | ..        | 1365           | ..                   |
| Construction                         | ..                    | ..                     | ..             | 554           | ..             | ..                 | ..        | ..            | ..        | 554            | ..                   |
| Industries n.e.s                     | 300310                | 0                      | ..             | 112360        | 0              | 319231             | ..        | 382090        | ..        | 1113991        | 319231               |
| <b>Transport</b>                     | <b>..</b>             | <b>..</b>              | <b>..</b>      | <b>563055</b> | <b>2845</b>    | <b>..</b>          | <b>..</b> | <b>..</b>     | <b>..</b> | <b>565899</b>  | <b>..</b>            |
| Road                                 | ..                    | ..                     | ..             | 523016        | ..             | ..                 | ..        | ..            | ..        | 523016         | ..                   |
| Rail                                 | ..                    | ..                     | ..             | 1978          | ..             | ..                 | ..        | ..            | ..        | 1978           | ..                   |
| Domestic aviation                    | ..                    | ..                     | ..             | 35192         | ..             | ..                 | ..        | ..            | ..        | 35192          | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..             | 2868          | ..             | ..                 | ..        | ..            | ..        | 2868           | ..                   |
| Pipeline transport                   | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..            | ..        | ..             | ..                   |
| Transport, n.e.s                     | ..                    | ..                     | ..             | ..            | 2845           | ..                 | ..        | ..            | ..        | 2845           | ..                   |
| <b>Other</b>                         | <b>90410</b>          | <b>..</b>              | <b>..</b>      | <b>117330</b> | <b>..</b>      | <b>145742</b>      | <b>..</b> | <b>311634</b> | <b>..</b> | <b>665115</b>  | <b>145742</b>        |
| Agriculture, forestry, fishing       | 483                   | ..                     | ..             | 39013         | ..             | 14193              | ..        | 19584         | ..        | 73274          | 14193                |
| Commerce, public services            | 26017                 | ..                     | ..             | 42997         | ..             | ..                 | ..        | 38819         | ..        | 107833         | ..                   |
| Households                           | 63909                 | ..                     | ..             | 35320         | ..             | 131549             | ..        | 224899        | ..        | 455677         | 131549               |
| Other consumers                      | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | 28332         | ..        | 28332          | ..                   |
| <b>Non-energy use</b>                | <b>..</b>             | <b>..</b>              | <b>..</b>      | <b>54310</b>  | <b>..</b>      | <b>..</b>          | <b>..</b> | <b>..</b>     | <b>..</b> | <b>54310</b>   | <b>..</b>            |

# Viet Nam

Terajoules

|                                      | Primary coal and peat | Coal and peat products | Primary Oil    | Oil Products  | Natural Gas    | Biofuels and waste | Nuclear   | Electricity    | Heat      | Total energy    | of which: renewables |
|--------------------------------------|-----------------------|------------------------|----------------|---------------|----------------|--------------------|-----------|----------------|-----------|-----------------|----------------------|
| <b>2019</b>                          |                       |                        |                |               |                |                    |           |                |           |                 |                      |
| Primary production                   | 1105666               | ..                     | 484401         | ..            | 345913         | *531974            | ..        | 307854         | ..        | 2775809         | 839828               |
| Imports                              | 1026231               | 28003                  | 328925         | 610850        | ..             | ..                 | ..        | 8644           | ..        | 2002652         | ..                   |
| Exports                              | -26799                | 0                      | -168185        | -92214        | ..             | ..                 | ..        | -4719          | ..        | -291916         | ..                   |
| International marine bunkers         | ..                    | ..                     | ..             | -7393         | ..             | ..                 | ..        | ..             | ..        | -7393           | ..                   |
| International aviation bunkers       | ..                    | ..                     | ..             | -56316        | ..             | ..                 | ..        | ..             | ..        | -56316          | ..                   |
| Stock changes                        | -16529                | ..                     | ..             | -5601         | ..             | ..                 | ..        | ..             | ..        | -22130          | ..                   |
| <b>Total energy supply</b>           | <b>2088570</b>        | <b>28003</b>           | <b>645141</b>  | <b>449326</b> | <b>345913</b>  | <b>*531974</b>     | <b>..</b> | <b>311779</b>  | <b>..</b> | <b>4400706</b>  | <b>839828</b>        |
| Statistical difference               | 7080                  | 28                     | 13939          | 143580        | 11             | 0                  | ..        | 0              | ..        | 164639          | 307854               |
| Transfers                            | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..             | ..        | ..              | ..                   |
| <b>Transformation</b>                | <b>-1386620</b>       | <b>122219</b>          | <b>-606860</b> | <b>559929</b> | <b>-308066</b> | <b>-9125</b>       | <b>..</b> | <b>*511920</b> | <b>..</b> | <b>-1116603</b> | <b>-9125</b>         |
| Electricity plants                   | *-1386620             | ..                     | ..             | -17705        | -270287        | -494               | ..        | *511920        | ..        | *-1163186       | -494                 |
| CHP plants                           | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..             | ..        | ..              | ..                   |
| Heat plants                          | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..             | ..        | ..              | ..                   |
| Coke ovens                           | ..                    | 122219                 | ..             | ..            | ..             | ..                 | ..        | ..             | ..        | 122219          | ..                   |
| Briquetting plants                   | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..             | ..        | ..              | ..                   |
| Liquefaction plants                  | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..             | ..        | ..              | ..                   |
| Gas works                            | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..             | ..        | ..              | ..                   |
| Blast furnaces                       | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..             | ..        | ..              | ..                   |
| NGL plants & gas blending            | ..                    | ..                     | -17282         | 18494         | ..             | ..                 | ..        | ..             | ..        | 1212            | ..                   |
| Oil refineries                       | ..                    | ..                     | -589577        | 559139        | ..             | ..                 | ..        | ..             | ..        | -30439          | ..                   |
| Other transformation                 | ..                    | ..                     | ..             | ..            | -37779         | -8631              | ..        | ..             | ..        | -46410          | -8631                |
| Energy industries own use            | ..                    | ..                     | -23061         | ..            | ..             | ..                 | ..        | -25168         | ..        | -48229          | ..                   |
| Losses                               | ..                    | ..                     | -1281          | ..            | ..             | ..                 | ..        | -53156         | ..        | -54437          | ..                   |
| <b>Final consumption</b>             | <b>694870</b>         | <b>150193</b>          | <b>..</b>      | <b>865675</b> | <b>37836</b>   | <b>522849</b>      | <b>..</b> | <b>745376</b>  | <b>..</b> | <b>3016799</b>  | <b>522849</b>        |
| <b>Final energy consumption</b>      | <b>694870</b>         | <b>150193</b>          | <b>..</b>      | <b>843927</b> | <b>37836</b>   | <b>522849</b>      | <b>..</b> | <b>745376</b>  | <b>..</b> | <b>2995050</b>  | <b>522849</b>        |
| <b>Manufacturing, const., mining</b> | <b>606275</b>         | <b>150193</b>          | <b>..</b>      | <b>145985</b> | <b>35846</b>   | <b>380152</b>      | <b>..</b> | <b>402963</b>  | <b>..</b> | <b>1721414</b>  | <b>380152</b>        |
| Iron and steel                       | ..                    | 150193                 | ..             | 6993          | ..             | ..                 | ..        | ..             | ..        | 157187          | ..                   |
| Chemical and petrochemical           | 46423                 | ..                     | ..             | 4154          | 28687          | ..                 | ..        | ..             | ..        | 79263           | ..                   |
| Non-ferrous metals                   | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..             | ..        | ..              | ..                   |
| Non-metallic minerals                | ..                    | ..                     | ..             | 2034          | 7160           | ..                 | ..        | ..             | ..        | 9193            | ..                   |
| Transport equipment                  | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..             | ..        | ..              | ..                   |
| Machinery                            | ..                    | ..                     | ..             | 3122          | ..             | ..                 | ..        | ..             | ..        | 3122            | ..                   |
| Mining and quarrying                 | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..             | ..        | ..              | ..                   |
| Food and tobacco                     | ..                    | ..                     | ..             | 378           | ..             | ..                 | ..        | ..             | ..        | 378             | ..                   |
| Paper, pulp and printing             | ..                    | ..                     | ..             | 189           | ..             | ..                 | ..        | ..             | ..        | 189             | ..                   |
| Wood and wood products               | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..             | ..        | ..              | ..                   |
| Textile and leather                  | ..                    | ..                     | ..             | 568           | ..             | ..                 | ..        | ..             | ..        | 568             | ..                   |
| Construction                         | ..                    | ..                     | ..             | 189           | ..             | ..                 | ..        | ..             | ..        | 189             | ..                   |
| Industries n.e.s                     | 559852                | 0                      | ..             | 128358        | 0              | 380152             | ..        | 402963         | ..        | 1471324         | 380152               |
| <b>Transport</b>                     | <b>..</b>             | <b>..</b>              | <b>..</b>      | <b>534294</b> | <b>1990</b>    | <b>..</b>          | <b>..</b> | <b>..</b>      | <b>..</b> | <b>536283</b>   | <b>..</b>            |
| Road                                 | ..                    | ..                     | ..             | 493154        | ..             | ..                 | ..        | ..             | ..        | 493154          | ..                   |
| Rail                                 | ..                    | ..                     | ..             | 2193          | ..             | ..                 | ..        | ..             | ..        | 2193            | ..                   |
| Domestic aviation                    | ..                    | ..                     | ..             | 37088         | ..             | ..                 | ..        | ..             | ..        | 37088           | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..             | 1858          | ..             | ..                 | ..        | ..             | ..        | 1858            | ..                   |
| Pipeline transport                   | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..             | ..        | ..              | ..                   |
| Transport, n.e.s                     | ..                    | ..                     | ..             | ..            | 1990           | ..                 | ..        | ..             | ..        | 1990            | ..                   |
| <b>Other</b>                         | <b>88595</b>          | <b>..</b>              | <b>..</b>      | <b>163648</b> | <b>..</b>      | <b>142697</b>      | <b>..</b> | <b>342413</b>  | <b>..</b> | <b>737353</b>   | <b>142697</b>        |
| Agriculture, forestry, fishing       | 704                   | ..                     | ..             | 97050         | ..             | 14612              | ..        | 23743          | ..        | 136109          | 14612                |
| Commerce, public services            | 33132                 | ..                     | ..             | 21818         | ..             | ..                 | ..        | 71866          | ..        | 126816          | ..                   |
| Households                           | 54759                 | ..                     | ..             | 44781         | ..             | 128085             | ..        | 246804         | ..        | 474428          | 128085               |
| Other consumers                      | ..                    | ..                     | ..             | ..            | ..             | ..                 | ..        | ..             | ..        | ..              | ..                   |
| <b>Non-energy use</b>                | <b>..</b>             | <b>..</b>              | <b>..</b>      | <b>21748</b>  | <b>..</b>      | <b>..</b>          | <b>..</b> | <b>..</b>      | <b>..</b> | <b>21748</b>    | <b>..</b>            |

# Wallis and Futuna Is.

Terajoules

|                                      | All Coal | All Oil | Natural Gas | Primary biofuels / Waste | Charcoal | Electricity | Total energy | of which: renewables |
|--------------------------------------|----------|---------|-------------|--------------------------|----------|-------------|--------------|----------------------|
| <b>2018</b>                          |          |         |             |                          |          |             |              |                      |
| Primary production                   | ..       | ..      | ..          | ..                       | ..       | *2          | *2           | *2                   |
| Imports                              | ..       | 406     | ..          | ..                       | ..       | ..          | 406          | ..                   |
| Exports                              | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| International marine bunkers         | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| International aviation bunkers       | ..       | -52     | ..          | ..                       | ..       | ..          | -52          | ..                   |
| Stock changes                        | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| <b>Total energy supply</b>           | ..       | 354     | ..          | ..                       | ..       | *2          | 356          | *2                   |
| Statistical Difference               | ..       | 0       | ..          | ..                       | ..       | 0           | 0            | *2                   |
| Transfers                            | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| <b>Transformation</b>                | ..       | *-188   | ..          | ..                       | ..       | *71         | *-117        | ..                   |
| Electricity plants                   | ..       | *-188   | ..          | ..                       | ..       | *71         | *-117        | ..                   |
| Charcoal plants                      | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| Other transformation                 | ..       | 0       | ..          | ..                       | ..       | ..          | 0            | ..                   |
| Energy industries own use            | ..       | ..      | ..          | ..                       | ..       | *-5         | *-5          | ..                   |
| Losses                               | ..       | ..      | ..          | ..                       | ..       | *-1         | *-1          | ..                   |
| <b>Final consumption</b>             | ..       | *167    | ..          | ..                       | ..       | *67         | *234         | ..                   |
| <b>Final energy consumption</b>      | ..       | *167    | ..          | ..                       | ..       | *67         | *234         | ..                   |
| <b>Manufacturing, const., mining</b> | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| <b>Transport</b>                     | ..       | *111    | ..          | ..                       | ..       | ..          | *111         | ..                   |
| Road                                 | ..       | *111    | ..          | ..                       | ..       | ..          | *111         | ..                   |
| Domestic aviation                    | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| Domestic navigation                  | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| Other transport                      | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| <b>Other</b>                         | ..       | *55     | ..          | ..                       | ..       | *67         | *123         | ..                   |
| Agriculture, forestry, fishing       | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| Commerce and public services         | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| Households                           | ..       | ..      | ..          | ..                       | ..       | *40         | *40          | ..                   |
| Other consumers                      | ..       | *55     | ..          | ..                       | ..       | *27         | *82          | ..                   |
| <b>Non-energy use</b>                | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| <b>2019</b>                          |          |         |             |                          |          |             |              |                      |
| Primary production                   | ..       | ..      | ..          | ..                       | ..       | *2          | *2           | *2                   |
| Imports                              | ..       | 418     | ..          | ..                       | ..       | ..          | 418          | ..                   |
| Exports                              | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| International marine bunkers         | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| International aviation bunkers       | ..       | -52     | ..          | ..                       | ..       | ..          | -52          | ..                   |
| Stock changes                        | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| <b>Total energy supply</b>           | ..       | 366     | ..          | ..                       | ..       | *2          | 368          | *2                   |
| Statistical Difference               | ..       | 0       | ..          | ..                       | ..       | 0           | 0            | *2                   |
| Transfers                            | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| <b>Transformation</b>                | ..       | *-196   | ..          | ..                       | ..       | *76         | *-120        | ..                   |
| Electricity plants                   | ..       | *-196   | ..          | ..                       | ..       | *76         | *-120        | ..                   |
| Charcoal plants                      | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| Other transformation                 | ..       | 0       | ..          | ..                       | ..       | ..          | 0            | ..                   |
| Energy industries own use            | ..       | ..      | ..          | ..                       | ..       | *-4         | *-4          | ..                   |
| Losses                               | ..       | ..      | ..          | ..                       | ..       | 0           | 0            | ..                   |
| <b>Final consumption</b>             | ..       | *170    | ..          | ..                       | ..       | *73         | *243         | ..                   |
| <b>Final energy consumption</b>      | ..       | *170    | ..          | ..                       | ..       | *73         | *243         | ..                   |
| <b>Manufacturing, const., mining</b> | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| <b>Transport</b>                     | ..       | *113    | ..          | ..                       | ..       | ..          | *113         | ..                   |
| Road                                 | ..       | *113    | ..          | ..                       | ..       | ..          | *113         | ..                   |
| Domestic aviation                    | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| Domestic navigation                  | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| Other transport                      | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| <b>Other</b>                         | ..       | *57     | ..          | ..                       | ..       | *73         | *130         | ..                   |
| Agriculture, forestry, fishing       | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| Commerce and public services         | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |
| Households                           | ..       | ..      | ..          | ..                       | ..       | *44         | *44          | ..                   |
| Other consumers                      | ..       | *57     | ..          | ..                       | ..       | *29         | *86          | ..                   |
| <b>Non-energy use</b>                | ..       | ..      | ..          | ..                       | ..       | ..          | ..           | ..                   |

# Yemen

Terajoules

|                                      | Primary coal and peat | Coal and peat products | Primary Oil | Oil Products | Natural Gas | Biofuels and waste | Nuclear | Electricity | Heat | Total energy | of which: renewables |
|--------------------------------------|-----------------------|------------------------|-------------|--------------|-------------|--------------------|---------|-------------|------|--------------|----------------------|
| <b>2018</b>                          |                       |                        |             |              |             |                    |         |             |      |              |                      |
| Primary production                   | ..                    | ..                     | 63579       | ..           | 3608        | 5306               | ..      | 1744        | ..   | 74237        | 7050                 |
| Imports                              | 3010                  | ..                     | ..          | 71878        | ..          | ..                 | ..      | ..          | ..   | 74889        | ..                   |
| Exports                              | ..                    | ..                     | ..          | *-13743      | ..          | ..                 | ..      | ..          | ..   | *-13743      | ..                   |
| International marine bunkers         | ..                    | ..                     | ..          | -4022        | ..          | ..                 | ..      | ..          | ..   | -4022        | ..                   |
| International aviation bunkers       | ..                    | ..                     | ..          | -253         | ..          | ..                 | ..      | ..          | ..   | -253         | ..                   |
| Stock changes                        | ..                    | ..                     | ..          | 44           | ..          | ..                 | ..      | ..          | ..   | 44           | ..                   |
| <b>Total energy supply</b>           | 3010                  | ..                     | 63579       | 53905        | 3608        | 5306               | ..      | 1744        | ..   | 131152       | 7050                 |
| Statistical difference               | 0                     | ..                     | 0           | 5            | 0           | 0                  | ..      | 377         | ..   | 382          | 1744                 |
| Transfers                            | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| <b>Transformation</b>                | ..                    | ..                     | -61720      | 23743        | -3608       | -3273              | ..      | 10810       | ..   | -34049       | -3273                |
| Electricity plants                   | ..                    | ..                     | ..          | -28628       | -3608       | ..                 | ..      | 10810       | ..   | -21426       | ..                   |
| CHP plants                           | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Heat plants                          | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Coke ovens                           | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Briquetting plants                   | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Liquefaction plants                  | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Gas works                            | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Blast furnaces                       | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| NGL plants & gas blending            | ..                    | ..                     | *-510       | 546          | ..          | ..                 | ..      | ..          | ..   | 36           | ..                   |
| Oil refineries                       | ..                    | ..                     | -61210      | 51825        | ..          | ..                 | ..      | ..          | ..   | -9385        | ..                   |
| Other transformation                 | ..                    | ..                     | ..          | ..           | ..          | -3273              | ..      | ..          | ..   | -3273        | -3273                |
| Energy industries own use            | ..                    | ..                     | -1859       | -1102        | ..          | ..                 | ..      | -1611       | ..   | -4572        | ..                   |
| Losses                               | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | -2634       | ..   | -2634        | ..                   |
| <b>Final consumption</b>             | 3010                  | ..                     | ..          | 76541        | ..          | 2033               | ..      | 7931        | ..   | 89515        | 2033                 |
| <b>Final energy consumption</b>      | 3010                  | ..                     | ..          | 76162        | ..          | 2033               | ..      | 7931        | ..   | 89136        | 2033                 |
| <b>Manufacturing, const., mining</b> | 3010                  | ..                     | ..          | 10442        | ..          | ..                 | ..      | 220         | ..   | 13671        | ..                   |
| Iron and steel                       | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Chemical and petrochemical           | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Non-ferrous metals                   | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Non-metallic minerals                | 3010                  | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | 3010         | ..                   |
| Transport equipment                  | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Machinery                            | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Mining and quarrying                 | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Food and tobacco                     | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Paper, pulp and printing             | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Wood and wood products               | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Textile and leather                  | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Construction                         | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Industries n.e.s                     | 0                     | ..                     | ..          | 10442        | ..          | ..                 | ..      | 220         | ..   | 10661        | ..                   |
| <b>Transport</b>                     | ..                    | ..                     | ..          | 38767        | ..          | ..                 | ..      | ..          | ..   | 38767        | ..                   |
| Road                                 | ..                    | ..                     | ..          | 38767        | ..          | ..                 | ..      | ..          | ..   | 38767        | ..                   |
| Rail                                 | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Domestic aviation                    | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Pipeline transport                   | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Transport, n.e.s                     | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| <b>Other</b>                         | ..                    | ..                     | ..          | 26953        | ..          | 2033               | ..      | 7711        | ..   | 36697        | 2033                 |
| Agriculture, forestry, fishing       | ..                    | ..                     | ..          | 2167         | ..          | ..                 | ..      | ..          | ..   | 2167         | ..                   |
| Commerce, public services            | ..                    | ..                     | ..          | 2745         | ..          | ..                 | ..      | 749         | ..   | 3494         | ..                   |
| Households                           | ..                    | ..                     | ..          | 22041        | ..          | ..                 | ..      | 6367        | ..   | 28408        | ..                   |
| Other consumers                      | ..                    | ..                     | ..          | ..           | ..          | 2033               | ..      | 595         | ..   | 2628         | 2033                 |
| <b>Non-energy use</b>                | ..                    | ..                     | ..          | 379          | ..          | ..                 | ..      | ..          | ..   | 379          | ..                   |

# Yemen

Terajoules

|                                      | Primary coal and peat | Coal and peat products | Primary Oil   | Oil Products | Natural Gas | Biofuels and waste | Nuclear   | Electricity | Heat      | Total energy  | of which: renewables |
|--------------------------------------|-----------------------|------------------------|---------------|--------------|-------------|--------------------|-----------|-------------|-----------|---------------|----------------------|
| <b>2019</b>                          |                       |                        |               |              |             |                    |           |             |           |               |                      |
| Primary production                   | ..                    | ..                     | 101734        | ..           | 3608        | 5429               | ..        | 1744        | ..        | 112515        | 7173                 |
| Imports                              | 3455                  | ..                     | ..            | 66244        | ..          | ..                 | ..        | ..          | ..        | 69699         | ..                   |
| Exports                              | ..                    | ..                     | ..            | *-22102      | ..          | ..                 | ..        | ..          | ..        | *-22102       | ..                   |
| International marine bunkers         | ..                    | ..                     | ..            | -4616        | ..          | ..                 | ..        | ..          | ..        | -4616         | ..                   |
| International aviation bunkers       | ..                    | ..                     | ..            | -290         | ..          | ..                 | ..        | ..          | ..        | -290          | ..                   |
| Stock changes                        | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| <b>Total energy supply</b>           | <b>3455</b>           | <b>..</b>              | <b>101734</b> | <b>39236</b> | <b>3608</b> | <b>5429</b>        | <b>..</b> | <b>1744</b> | <b>..</b> | <b>155206</b> | <b>7173</b>          |
| Statistical difference               | 0                     | ..                     | 0             | 0            | 0           | 0                  | ..        | 479         | ..        | 478           | 1744                 |
| Transfers                            | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| <b>Transformation</b>                | ..                    | ..                     | -98750        | 53915        | -3608       | -3349              | ..        | 11228       | ..        | -40565        | -3349                |
| Electricity plants                   | ..                    | ..                     | ..            | -29808       | -3608       | ..                 | ..        | 11228       | ..        | -22189        | ..                   |
| CHP plants                           | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| Heat plants                          | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| Coke ovens                           | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| Briquetting plants                   | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| Liquefaction plants                  | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| Gas works                            | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| Blast furnaces                       | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| NGL plants & gas blending            | ..                    | ..                     | *-510         | 546          | ..          | ..                 | ..        | ..          | ..        | 36            | ..                   |
| Oil refineries                       | ..                    | ..                     | -98240        | 83177        | ..          | ..                 | ..        | ..          | ..        | -15063        | ..                   |
| Other transformation                 | ..                    | ..                     | ..            | ..           | ..          | -3349              | ..        | ..          | ..        | -3349         | -3349                |
| Energy industries own use            | ..                    | ..                     | -2983         | -1765        | ..          | ..                 | ..        | -1658       | ..        | -6407         | ..                   |
| Losses                               | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | -2711       | ..        | -2711         | ..                   |
| <b>Final consumption</b>             | <b>3455</b>           | <b>..</b>              | <b>..</b>     | <b>91385</b> | <b>..</b>   | <b>2080</b>        | <b>..</b> | <b>8124</b> | <b>..</b> | <b>105045</b> | <b>2080</b>          |
| <b>Final energy consumption</b>      | <b>3455</b>           | <b>..</b>              | <b>..</b>     | <b>90778</b> | <b>..</b>   | <b>2080</b>        | <b>..</b> | <b>8124</b> | <b>..</b> | <b>104437</b> | <b>2080</b>          |
| <b>Manufacturing, const., mining</b> | <b>3455</b>           | <b>..</b>              | <b>..</b>     | <b>14176</b> | <b>..</b>   | <b>..</b>          | <b>..</b> | <b>226</b>  | <b>..</b> | <b>17857</b>  | <b>..</b>            |
| Iron and steel                       | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| Chemical and petrochemical           | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| Non-ferrous metals                   | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| Non-metallic minerals                | 3455                  | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | 3455          | ..                   |
| Transport equipment                  | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| Machinery                            | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| Mining and quarrying                 | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| Food and tobacco                     | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| Paper, pulp and printing             | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| Wood and wood products               | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| Textile and leather                  | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| Construction                         | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| Industries n.e.s                     | 0                     | ..                     | ..            | 14176        | ..          | ..                 | ..        | 226         | ..        | 14402         | ..                   |
| <b>Transport</b>                     | <b>..</b>             | <b>..</b>              | <b>..</b>     | <b>47083</b> | <b>..</b>   | <b>..</b>          | <b>..</b> | <b>..</b>   | <b>..</b> | <b>47083</b>  | <b>..</b>            |
| Road                                 | ..                    | ..                     | ..            | 47083        | ..          | ..                 | ..        | ..          | ..        | 47083         | ..                   |
| Rail                                 | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| Domestic aviation                    | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| Pipeline transport                   | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| Transport, n.e.s                     | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..          | ..        | ..            | ..                   |
| <b>Other</b>                         | <b>..</b>             | <b>..</b>              | <b>..</b>     | <b>29519</b> | <b>..</b>   | <b>2080</b>        | <b>..</b> | <b>7898</b> | <b>..</b> | <b>39497</b>  | <b>2080</b>          |
| Agriculture, forestry, fishing       | ..                    | ..                     | ..            | 3396         | ..          | ..                 | ..        | ..          | ..        | 3396          | ..                   |
| Commerce, public services            | ..                    | ..                     | ..            | 3100         | ..          | ..                 | ..        | 771         | ..        | 3871          | ..                   |
| Households                           | ..                    | ..                     | ..            | 23022        | ..          | ..                 | ..        | 6515        | ..        | 29537         | ..                   |
| Other consumers                      | ..                    | ..                     | ..            | ..           | ..          | 2080               | ..        | 612         | ..        | 2692          | 2080                 |
| <b>Non-energy use</b>                | <b>..</b>             | <b>..</b>              | <b>..</b>     | <b>608</b>   | <b>..</b>   | <b>..</b>          | <b>..</b> | <b>..</b>   | <b>..</b> | <b>608</b>    | <b>..</b>            |

# Zambia

Terajoules

|                                      | Primary coal and peat | Coal and peat products | Primary Oil | Oil Products | Natural Gas | Biofuels and waste | Nuclear | Electricity | Heat | Total energy | of which: renewables |
|--------------------------------------|-----------------------|------------------------|-------------|--------------|-------------|--------------------|---------|-------------|------|--------------|----------------------|
| <b>2018</b>                          |                       |                        |             |              |             |                    |         |             |      |              |                      |
| Primary production                   | 29007                 | ..                     | ..          | ..           | ..          | 319085             | ..      | 45601       | ..   | 393693       | 364686               |
| Imports                              | ..                    | *1466                  | 26159       | 27392        | ..          | ..                 | ..      | 547         | ..   | 55565        | ..                   |
| Exports                              | ..                    | *-56                   | ..          | -278         | ..          | ..                 | ..      | -4412       | ..   | -4746        | ..                   |
| International marine bunkers         | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| International aviation bunkers       | ..                    | ..                     | ..          | -1279        | ..          | ..                 | ..      | ..          | ..   | -1279        | ..                   |
| Stock changes                        | ..                    | ..                     | 1205        | ..           | ..          | ..                 | ..      | ..          | ..   | 1205         | ..                   |
| <b>Total energy supply</b>           | 29007                 | *1410                  | 27364       | 25835        | ..          | 319085             | ..      | 41736       | ..   | 444438       | 364686               |
| Statistical difference               | 0                     | 0                      | 0           | -6700        | ..          | 0                  | ..      | 0           | ..   | -6700        | 45601                |
| Transfers                            | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| <b>Transformation</b>                | -24485                | ..                     | -27364      | 13667        | ..          | -80782             | ..      | 12686       | ..   | -106278      | -80782               |
| Electricity plants                   | -24485                | ..                     | ..          | *-11907      | ..          | *-1367             | ..      | 12686       | ..   | -25072       | *-1367               |
| CHP plants                           | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Heat plants                          | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Coke ovens                           | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Briquetting plants                   | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Liquefaction plants                  | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Gas works                            | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Blast furnaces                       | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| NGL plants & gas blending            | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Oil refineries                       | ..                    | ..                     | -27364      | 25574        | ..          | ..                 | ..      | ..          | ..   | -1790        | ..                   |
| Other transformation                 | ..                    | ..                     | ..          | ..           | ..          | -79415             | ..      | ..          | ..   | -79415       | -79415               |
| Energy industries own use            | ..                    | ..                     | ..          | -640         | ..          | ..                 | ..      | -1469       | ..   | -2110        | ..                   |
| Losses                               | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | -6521       | ..   | -6521        | ..                   |
| <b>Final consumption</b>             | 4523                  | *1410                  | ..          | *45562       | ..          | 238303             | ..      | 46432       | ..   | 336230       | 238303               |
| <b>Final energy consumption</b>      | 4523                  | *1410                  | ..          | *42618       | ..          | 238303             | ..      | 46432       | ..   | 333286       | 238303               |
| <b>Manufacturing, const., mining</b> | 4523                  | *1410                  | ..          | 14199        | ..          | 39310              | ..      | 26217       | ..   | 85659        | 39310                |
| Iron and steel                       | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Chemical and petrochemical           | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Non-ferrous metals                   | ..                    | ..                     | ..          | 1014         | ..          | ..                 | ..      | 24055       | ..   | 25069        | ..                   |
| Non-metallic minerals                | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Transport equipment                  | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Machinery                            | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Mining and quarrying                 | ..                    | ..                     | ..          | 10793        | ..          | 89                 | ..      | 531         | ..   | 11413        | 89                   |
| Food and tobacco                     | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Paper, pulp and printing             | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Wood and wood products               | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Textile and leather                  | ..                    | ..                     | ..          | ..           | ..          | 2596               | ..      | ..          | ..   | 2596         | 2596                 |
| Construction                         | ..                    | ..                     | ..          | 1419         | ..          | ..                 | ..      | 39          | ..   | 1458         | ..                   |
| Industries n.e.s                     | 4523                  | *1410                  | ..          | 973          | ..          | 36626              | ..      | 1592        | ..   | 45124        | 36626                |
| <b>Transport</b>                     | ..                    | ..                     | ..          | *25481       | ..          | ..                 | ..      | 117         | ..   | *25598       | ..                   |
| Road                                 | ..                    | ..                     | ..          | *25481       | ..          | ..                 | ..      | ..          | ..   | *25481       | ..                   |
| Rail                                 | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | 117         | ..   | 117          | ..                   |
| Domestic aviation                    | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Pipeline transport                   | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| Transport, n.e.s                     | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | ..          | ..   | ..           | ..                   |
| <b>Other</b>                         | ..                    | ..                     | ..          | 2938         | ..          | 198993             | ..      | 20098       | ..   | 222029       | 198993               |
| Agriculture, forestry, fishing       | ..                    | ..                     | ..          | 1032         | ..          | ..                 | ..      | 1069        | ..   | 2101         | ..                   |
| Commerce, public services            | ..                    | ..                     | ..          | 1574         | ..          | ..                 | ..      | 2570        | ..   | 4144         | ..                   |
| Households                           | ..                    | ..                     | ..          | *331         | ..          | 198993             | ..      | 15613       | ..   | 214937       | 198993               |
| Other consumers                      | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..      | 846         | ..   | 846          | ..                   |
| <b>Non-energy use</b>                | ..                    | ..                     | ..          | 2944         | ..          | ..                 | ..      | ..          | ..   | 2944         | ..                   |



# Zambia

Terajoules

|                                      | Primary coal and peat | Coal and peat products | Primary Oil   | Oil Products | Natural Gas | Biofuels and waste | Nuclear   | Electricity  | Heat      | Total energy   | of which: renewables |
|--------------------------------------|-----------------------|------------------------|---------------|--------------|-------------|--------------------|-----------|--------------|-----------|----------------|----------------------|
| <b>2019</b>                          |                       |                        |               |              |             |                    |           |              |           |                |                      |
| Primary production                   | 24617                 | ..                     | ..            | ..           | ..          | 325178             | ..        | 41193        | ..        | 390987         | 366370               |
| Imports                              | ..                    | *1466                  | 29807         | 36744        | ..          | ..                 | ..        | 713          | ..        | 68731          | ..                   |
| Exports                              | ..                    | *-56                   | ..            | -127         | ..          | ..                 | ..        | -3512        | ..        | -3695          | ..                   |
| International marine bunkers         | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| International aviation bunkers       | ..                    | ..                     | ..            | -1279        | ..          | ..                 | ..        | ..           | ..        | -1279          | ..                   |
| Stock changes                        | ..                    | ..                     | -185          | ..           | ..          | ..                 | ..        | ..           | ..        | -185           | ..                   |
| <b>Total energy supply</b>           | <b>24617</b>          | <b>*1410</b>           | <b>29622</b>  | <b>35338</b> | <b>..</b>   | <b>325178</b>      | <b>..</b> | <b>38394</b> | <b>..</b> | <b>454559</b>  | <b>366370</b>        |
| Statistical difference               | 0                     | 0                      | 0             | -3188        | ..          | 0                  | ..        | 0            | ..        | -3188          | 41193                |
| Transfers                            | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| <b>Transformation</b>                | <b>-20017</b>         | <b>..</b>              | <b>-29622</b> | <b>11048</b> | <b>..</b>   | <b>-82315</b>      | <b>..</b> | <b>12953</b> | <b>..</b> | <b>-107952</b> | <b>-82315</b>        |
| Electricity plants                   | -20017                | ..                     | ..            | *-17084      | ..          | *-1367             | ..        | 12953        | ..        | -25515         | *-1367               |
| CHP plants                           | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Heat plants                          | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Coke ovens                           | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Briquetting plants                   | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Liquefaction plants                  | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Gas works                            | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Blast furnaces                       | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| NGL plants & gas blending            | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Oil refineries                       | ..                    | ..                     | -29622        | 28132        | ..          | ..                 | ..        | ..           | ..        | -1490          | ..                   |
| Other transformation                 | ..                    | ..                     | ..            | ..           | ..          | -80948             | ..        | ..           | ..        | -80948         | -80948               |
| Energy industries own use            | ..                    | ..                     | ..            | -693         | ..          | ..                 | ..        | -400         | ..        | -1093          | ..                   |
| Losses                               | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | *-6521       | ..        | *-6521         | ..                   |
| <b>Final consumption</b>             | <b>4600</b>           | <b>*1410</b>           | <b>..</b>     | <b>48881</b> | <b>..</b>   | <b>242863</b>      | <b>..</b> | <b>44427</b> | <b>..</b> | <b>342180</b>  | <b>242863</b>        |
| <b>Final energy consumption</b>      | <b>4600</b>           | <b>*1410</b>           | <b>..</b>     | <b>45887</b> | <b>..</b>   | <b>242863</b>      | <b>..</b> | <b>44427</b> | <b>..</b> | <b>339186</b>  | <b>242863</b>        |
| <b>Manufacturing, const., mining</b> | <b>4600</b>           | <b>*1410</b>           | <b>..</b>     | <b>7296</b>  | <b>..</b>   | <b>40036</b>       | <b>..</b> | <b>25415</b> | <b>..</b> | <b>78756</b>   | <b>40036</b>         |
| Iron and steel                       | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Chemical and petrochemical           | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Non-ferrous metals                   | ..                    | ..                     | ..            | 1191         | ..          | ..                 | ..        | 22897        | ..        | 24088          | ..                   |
| Non-metallic minerals                | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Transport equipment                  | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Machinery                            | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Mining and quarrying                 | ..                    | ..                     | ..            | 2690         | ..          | 89                 | ..        | 818          | ..        | 3596           | 89                   |
| Food and tobacco                     | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Paper, pulp and printing             | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Wood and wood products               | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Textile and leather                  | ..                    | ..                     | ..            | ..           | ..          | 2655               | ..        | ..           | ..        | 2655           | 2655                 |
| Construction                         | ..                    | ..                     | ..            | 1777         | ..          | ..                 | ..        | 30           | ..        | 1807           | ..                   |
| Industries n.e.s                     | 4600                  | *1410                  | ..            | 1638         | ..          | 37292              | ..        | 1669         | ..        | 46610          | 37292                |
| <b>Transport</b>                     | <b>..</b>             | <b>..</b>              | <b>..</b>     | <b>29138</b> | <b>..</b>   | <b>..</b>          | <b>..</b> | <b>112</b>   | <b>..</b> | <b>29250</b>   | <b>..</b>            |
| Road                                 | ..                    | ..                     | ..            | 29138        | ..          | ..                 | ..        | ..           | ..        | 29138          | ..                   |
| Rail                                 | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | 112          | ..        | 112            | ..                   |
| Domestic aviation                    | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Pipeline transport                   | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Transport, n.e.s                     | ..                    | ..                     | ..            | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| <b>Other</b>                         | <b>..</b>             | <b>..</b>              | <b>..</b>     | <b>*9453</b> | <b>..</b>   | <b>202827</b>      | <b>..</b> | <b>18900</b> | <b>..</b> | <b>231180</b>  | <b>202827</b>        |
| Agriculture, forestry, fishing       | ..                    | ..                     | ..            | 1222         | ..          | ..                 | ..        | 1125         | ..        | 2347           | ..                   |
| Commerce, public services            | ..                    | ..                     | ..            | 904          | ..          | ..                 | ..        | 2598         | ..        | 3501           | ..                   |
| Households                           | ..                    | ..                     | ..            | *371         | ..          | 202827             | ..        | 14481        | ..        | 217679         | 202827               |
| Other consumers                      | ..                    | ..                     | ..            | *6957        | ..          | ..                 | ..        | 696          | ..        | *7653          | ..                   |
| <b>Non-energy use</b>                | <b>..</b>             | <b>..</b>              | <b>..</b>     | <b>2994</b>  | <b>..</b>   | <b>..</b>          | <b>..</b> | <b>..</b>    | <b>..</b> | <b>2994</b>    | <b>..</b>            |

# Zimbabwe

Terajoules

|                                      | Primary coal and peat | Coal and peat products | Primary Oil | Oil Products | Natural Gas | Biofuels and waste | Nuclear   | Electricity  | Heat      | Total energy   | of which: renewables |
|--------------------------------------|-----------------------|------------------------|-------------|--------------|-------------|--------------------|-----------|--------------|-----------|----------------|----------------------|
| <b>2018</b>                          |                       |                        |             |              |             |                    |           |              |           |                |                      |
| Primary production                   | 90369                 | ..                     | ..          | ..           | ..          | 314476             | ..        | 18176        | ..        | 423021         | 332652               |
| Imports                              | 823                   | 690                    | ..          | 61166        | ..          | ..                 | ..        | 4238         | ..        | 66916          | ..                   |
| Exports                              | -2643                 | -2603                  | ..          | ..           | ..          | ..                 | ..        | -578         | ..        | -5824          | ..                   |
| International marine bunkers         | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| International aviation bunkers       | ..                    | ..                     | ..          | -2654        | ..          | ..                 | ..        | ..           | ..        | -2654          | ..                   |
| Stock changes                        | -7338                 | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | -7338          | ..                   |
| <b>Total energy supply</b>           | <b>81211</b>          | <b>-1914</b>           | <b>..</b>   | <b>58512</b> | <b>..</b>   | <b>314476</b>      | <b>..</b> | <b>21836</b> | <b>..</b> | <b>474121</b>  | <b>332652</b>        |
| Statistical difference               | -2101                 | 33                     | ..          | 651          | ..          | 0                  | ..        | 22           | ..        | -1394          | 18176                |
| Transfers                            | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| <b>Transformation</b>                | <b>-75530</b>         | <b>6411</b>            | <b>..</b>   | <b>-701</b>  | <b>..</b>   | <b>-3405</b>       | <b>..</b> | <b>15729</b> | <b>..</b> | <b>-57496</b>  | <b>-3405</b>         |
| Electricity plants                   | -67555                | ..                     | ..          | -701         | ..          | -2687              | ..        | 15729        | ..        | -55215         | -2687                |
| CHP plants                           | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Heat plants                          | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Coke ovens                           | -7974                 | 6411                   | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | -1564          | ..                   |
| Briquetting plants                   | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Liquefaction plants                  | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Gas works                            | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Blast furnaces                       | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| NGL plants & gas blending            | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Oil refineries                       | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Other transformation                 | ..                    | ..                     | ..          | ..           | ..          | -718               | ..        | ..           | ..        | -718           | -718                 |
| Energy industries own use            | ..                    | -837                   | ..          | -701         | ..          | ..                 | ..        | -629         | ..        | -2168          | ..                   |
| Losses                               | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | -6292        | ..        | -6292          | ..                   |
| <b>Final consumption</b>             | <b>7782</b>           | <b>3627</b>            | <b>..</b>   | <b>56458</b> | <b>..</b>   | <b>*311071</b>     | <b>..</b> | <b>30622</b> | <b>..</b> | <b>*409559</b> | <b>*311071</b>       |
| <b>Final energy consumption</b>      | <b>7782</b>           | <b>3627</b>            | <b>..</b>   | <b>55532</b> | <b>..</b>   | <b>*311071</b>     | <b>..</b> | <b>30622</b> | <b>..</b> | <b>*408633</b> | <b>*311071</b>       |
| <b>Manufacturing, const., mining</b> | <b>7158</b>           | <b>3627</b>            | <b>..</b>   | <b>2459</b>  | <b>..</b>   | <b>5744</b>        | <b>..</b> | <b>13331</b> | <b>..</b> | <b>32318</b>   | <b>5744</b>          |
| Iron and steel                       | 42                    | 2566                   | ..          | 88           | ..          | ..                 | ..        | ..           | ..        | 2697           | ..                   |
| Chemical and petrochemical           | 53                    | ..                     | ..          | 96           | ..          | ..                 | ..        | ..           | ..        | 149            | ..                   |
| Non-ferrous metals                   | 14                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | 14             | ..                   |
| Non-metallic minerals                | 2414                  | ..                     | ..          | 285          | ..          | ..                 | ..        | ..           | ..        | 2698           | ..                   |
| Transport equipment                  | 24                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | 24             | ..                   |
| Machinery                            | 58                    | ..                     | ..          | 96           | ..          | ..                 | ..        | ..           | ..        | 154            | ..                   |
| Mining and quarrying                 | 69                    | ..                     | ..          | 804          | ..          | ..                 | ..        | 5227         | ..        | 6100           | ..                   |
| Food and tobacco                     | 2910                  | ..                     | ..          | 329          | ..          | ..                 | ..        | ..           | ..        | 3239           | ..                   |
| Paper, pulp and printing             | 540                   | ..                     | ..          | 96           | ..          | ..                 | ..        | ..           | ..        | 636            | ..                   |
| Wood and wood products               | 933                   | ..                     | ..          | 47           | ..          | ..                 | ..        | ..           | ..        | 980            | ..                   |
| Textile and leather                  | 96                    | ..                     | ..          | 47           | ..          | ..                 | ..        | ..           | ..        | 143            | ..                   |
| Construction                         | ..                    | ..                     | ..          | 234          | ..          | ..                 | ..        | ..           | ..        | 234            | ..                   |
| Industries n.e.s                     | 5                     | 1060                   | ..          | 337          | ..          | 5744               | ..        | 8104         | ..        | 15250          | 5744                 |
| <b>Transport</b>                     | <b>343</b>            | <b>..</b>              | <b>..</b>   | <b>39187</b> | <b>..</b>   | <b>1664</b>        | <b>..</b> | <b>..</b>    | <b>..</b> | <b>41194</b>   | <b>1664</b>          |
| Road                                 | ..                    | ..                     | ..          | 37352        | ..          | 1664               | ..        | ..           | ..        | 39016          | 1664                 |
| Rail                                 | 343                   | ..                     | ..          | 1834         | ..          | ..                 | ..        | ..           | ..        | 2178           | ..                   |
| Domestic aviation                    | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Pipeline transport                   | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Transport, n.e.s                     | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| <b>Other</b>                         | <b>281</b>            | <b>..</b>              | <b>..</b>   | <b>13886</b> | <b>..</b>   | <b>*303662</b>     | <b>..</b> | <b>17291</b> | <b>..</b> | <b>*335120</b> | <b>*303662</b>       |
| Agriculture, forestry, fishing       | 190                   | ..                     | ..          | 5368         | ..          | 15798              | ..        | 1800         | ..        | 23156          | 15798                |
| Commerce, public services            | 91                    | ..                     | ..          | ..           | ..          | ..                 | ..        | 5066         | ..        | 5157           | ..                   |
| Households                           | ..                    | ..                     | ..          | 3366         | ..          | *287864            | ..        | 10202        | ..        | *301432        | *287864              |
| Other consumers                      | ..                    | ..                     | ..          | 5153         | ..          | ..                 | ..        | 223          | ..        | 5376           | ..                   |
| <b>Non-energy use</b>                | <b>..</b>             | <b>..</b>              | <b>..</b>   | <b>927</b>   | <b>..</b>   | <b>..</b>          | <b>..</b> | <b>..</b>    | <b>..</b> | <b>927</b>     | <b>..</b>            |

# Zimbabwe

Terajoules

|                                      | Primary coal and peat | Coal and peat products | Primary Oil | Oil Products | Natural Gas | Biofuels and waste | Nuclear   | Electricity  | Heat      | Total energy   | of which: renewables |
|--------------------------------------|-----------------------|------------------------|-------------|--------------|-------------|--------------------|-----------|--------------|-----------|----------------|----------------------|
| <b>2019</b>                          |                       |                        |             |              |             |                    |           |              |           |                |                      |
| Primary production                   | 83050                 | ..                     | ..          | ..           | ..          | 318992             | ..        | 12624        | ..        | 414665         | 331615               |
| Imports                              | 287                   | 459                    | ..          | 54988        | ..          | ..                 | ..        | 5804         | ..        | 61538          | ..                   |
| Exports                              | -3094                 | -2965                  | ..          | ..           | ..          | ..                 | ..        | -1814        | ..        | -7873          | ..                   |
| International marine bunkers         | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| International aviation bunkers       | ..                    | ..                     | ..          | -2248        | ..          | ..                 | ..        | ..           | ..        | -2248          | ..                   |
| Stock changes                        | -1647                 | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | -1647          | ..                   |
| <b>Total energy supply</b>           | <b>78596</b>          | <b>-2506</b>           | <b>..</b>   | <b>52740</b> | <b>..</b>   | <b>318992</b>      | <b>..</b> | <b>16614</b> | <b>..</b> | <b>464435</b>  | <b>331615</b>        |
| Statistical difference               | -2954                 | 24                     | ..          | 482          | ..          | 0                  | ..        | -62          | ..        | -2510          | 12624                |
| Transfers                            | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| <b>Transformation</b>                | <b>-74514</b>         | <b>6747</b>            | <b>..</b>   | <b>-714</b>  | <b>..</b>   | <b>-3453</b>       | <b>..</b> | <b>15427</b> | <b>..</b> | <b>-56508</b>  | <b>-3453</b>         |
| Electricity plants                   | -66122                | ..                     | ..          | -714         | ..          | -2725              | ..        | 15427        | ..        | -54134         | -2725                |
| CHP plants                           | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Heat plants                          | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Coke ovens                           | -8392                 | 6747                   | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | -1646          | ..                   |
| Briquetting plants                   | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Liquefaction plants                  | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Gas works                            | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Blast furnaces                       | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| NGL plants & gas blending            | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Oil refineries                       | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Other transformation                 | ..                    | ..                     | ..          | ..           | ..          | -728               | ..        | ..           | ..        | -728           | -728                 |
| Energy industries own use            | ..                    | -766                   | ..          | -714         | ..          | ..                 | ..        | -617         | ..        | -2097          | ..                   |
| Losses                               | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | -5367        | ..        | -5367          | ..                   |
| <b>Final consumption</b>             | <b>7037</b>           | <b>3450</b>            | <b>..</b>   | <b>50830</b> | <b>..</b>   | <b>*315538</b>     | <b>..</b> | <b>26118</b> | <b>..</b> | <b>*402973</b> | <b>*315538</b>       |
| <b>Final energy consumption</b>      | <b>7037</b>           | <b>3450</b>            | <b>..</b>   | <b>49978</b> | <b>..</b>   | <b>*315538</b>     | <b>..</b> | <b>26118</b> | <b>..</b> | <b>*402121</b> | <b>*315538</b>       |
| <b>Manufacturing, const., mining</b> | <b>6578</b>           | <b>3450</b>            | <b>..</b>   | <b>2216</b>  | <b>..</b>   | <b>5826</b>        | <b>..</b> | <b>11370</b> | <b>..</b> | <b>29440</b>   | <b>5826</b>          |
| Iron and steel                       | 39                    | 2479                   | ..          | 81           | ..          | ..                 | ..        | ..           | ..        | 2599           | ..                   |
| Chemical and petrochemical           | 49                    | ..                     | ..          | 84           | ..          | ..                 | ..        | ..           | ..        | 133            | ..                   |
| Non-ferrous metals                   | 12                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | 12             | ..                   |
| Non-metallic minerals                | 2218                  | ..                     | ..          | 276          | ..          | ..                 | ..        | ..           | ..        | 2494           | ..                   |
| Transport equipment                  | 22                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | 22             | ..                   |
| Machinery                            | 54                    | ..                     | ..          | 84           | ..          | ..                 | ..        | ..           | ..        | 138            | ..                   |
| Mining and quarrying                 | 63                    | ..                     | ..          | 773          | ..          | ..                 | ..        | 4458         | ..        | 5295           | ..                   |
| Food and tobacco                     | 2674                  | ..                     | ..          | 317          | ..          | ..                 | ..        | ..           | ..        | 2991           | ..                   |
| Paper, pulp and printing             | 496                   | ..                     | ..          | 84           | ..          | ..                 | ..        | ..           | ..        | 580            | ..                   |
| Wood and wood products               | 858                   | ..                     | ..          | 48           | ..          | ..                 | ..        | ..           | ..        | 906            | ..                   |
| Textile and leather                  | 88                    | ..                     | ..          | 48           | ..          | ..                 | ..        | ..           | ..        | 136            | ..                   |
| Construction                         | ..                    | ..                     | ..          | 221          | ..          | ..                 | ..        | ..           | ..        | 221            | ..                   |
| Industries n.e.s                     | 4                     | 971                    | ..          | 200          | ..          | 5826               | ..        | 6912         | ..        | 13913          | 5826                 |
| <b>Transport</b>                     | <b>311</b>            | <b>..</b>              | <b>..</b>   | <b>34764</b> | <b>..</b>   | <b>1718</b>        | <b>..</b> | <b>..</b>    | <b>..</b> | <b>36793</b>   | <b>1718</b>          |
| Road                                 | ..                    | ..                     | ..          | 32898        | ..          | 1718               | ..        | ..           | ..        | 34615          | 1718                 |
| Rail                                 | 311                   | ..                     | ..          | 1867         | ..          | ..                 | ..        | ..           | ..        | 2178           | ..                   |
| Domestic aviation                    | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Domestic navigation                  | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Pipeline transport                   | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| Transport, n.e.s                     | ..                    | ..                     | ..          | ..           | ..          | ..                 | ..        | ..           | ..        | ..             | ..                   |
| <b>Other</b>                         | <b>147</b>            | <b>..</b>              | <b>..</b>   | <b>12998</b> | <b>..</b>   | <b>*307994</b>     | <b>..</b> | <b>14748</b> | <b>..</b> | <b>*335888</b> | <b>*307994</b>       |
| Agriculture, forestry, fishing       | 100                   | ..                     | ..          | 5281         | ..          | 16024              | ..        | 1535         | ..        | 22939          | 16024                |
| Commerce, public services            | 48                    | ..                     | ..          | ..           | ..          | ..                 | ..        | 4321         | ..        | 4368           | ..                   |
| Households                           | ..                    | ..                     | ..          | 2535         | ..          | *291971            | ..        | 8702         | ..        | *303207        | *291971              |
| Other consumers                      | ..                    | ..                     | ..          | 5183         | ..          | ..                 | ..        | 190          | ..        | 5373           | ..                   |
| <b>Non-energy use</b>                | <b>..</b>             | <b>..</b>              | <b>..</b>   | <b>852</b>   | <b>..</b>   | <b>..</b>          | <b>..</b> | <b>..</b>    | <b>..</b> | <b>852</b>     | <b>..</b>            |