

Key Figures from DEA's Preliminary Energy Statistics 2013

Table 1. Primary Energy Production

| Unit: PJ | 1990 | 1995 | 2000 | 2005 | 2010 | 2011 | 2012 | 2013* |
|----------------------|------|------|------|------|------|------|------|-------|
| Total | 425 | 656 | 1165 | 1315 | 984 | 870 | 801 | 711 |
| Crude Oil | 256 | 392 | 765 | 796 | 523 | 470 | 429 | 373 |
| Natural Gas | 116 | 197 | 310 | 393 | 307 | 247 | 218 | 179 |
| Waste, Non Renewable | 7 | 10 | 14 | 17 | 17 | 17 | 17 | 17 |
| Renewable Energy | 46 | 57 | 76 | 109 | 137 | 135 | 138 | 141 |

Table 2. Observed Energy Consumption

| Unit: PJ | 1990 | 1995 | 2000 | 2005 | 2010 | 2011 | 2012 | 2013* |
|----------------------------|------|------|------|------|------|------|------|-------|
| Total | 753 | 841 | 817 | 835 | 848 | 793 | 760 | 763 |
| Oil | 343 | 372 | 370 | 348 | 316 | 302 | 287 | 281 |
| Natural Gas | 76 | 133 | 186 | 188 | 185 | 158 | 145 | 138 |
| Coal | 255 | 272 | 166 | 155 | 164 | 136 | 107 | 135 |
| Waste, Non Renewable | 7 | 10 | 14 | 17 | 17 | 17 | 17 | 17 |
| Renewable Energy | 46 | 57 | 79 | 122 | 170 | 175 | 184 | 188 |
| Net Imports of Electricity | 25 | -3 | 2 | 5 | -4 | 5 | 19 | 4 |

Table 3. Gross Energy Consumption

Adjusted for Climate variations and Fuels for Net Electricity Exports

| Unit: PJ | 1990 | 1995 | 2000 | 2005 | 2010 | 2011 | 2012 | 2013* |
|----------------------|------|------|------|------|------|------|------|-------|
| Total | 819 | 840 | 839 | 851 | 816 | 809 | 785 | 767 |
| Oil | 355 | 374 | 376 | 352 | 312 | 304 | 289 | 281 |
| Natural Gas | 82 | 134 | 192 | 192 | 176 | 161 | 148 | 138 |
| Coal | 327 | 265 | 175 | 166 | 147 | 149 | 147 | 143 |
| Waste, Non Renewable | 8 | 10 | 14 | 17 | 16 | 18 | 17 | 17 |
| Renewable Energy | 48 | 57 | 81 | 124 | 165 | 177 | 184 | 188 |

Table 4. Degrees of Self-sufficiency

| Unit: % | 1990 | 1995 | 2000 | 2005 | 2010 | 2011 | 2012 | 2013* |
|---------------------|------|------|------|------|------|------|------|-------|
| Total | 52 | 78 | 139 | 155 | 121 | 108 | 102 | 93 |
| Oil | 72 | 105 | 203 | 226 | 168 | 155 | 148 | 133 |
| Oil and Natural Gas | 85 | 116 | 189 | 218 | 170 | 154 | 148 | 132 |

Table 5. GDP, Gross Energy Consumption and Energy Intensities

| Unit: Index 1990=100 | 1990 | 1995 | 2000 | 2005 | 2010 | 2011 | 2012 | 2013* |
|--------------------------|------|------|------|------|------|------|------|-------|
| GDP, 2005-prices | 100 | 112 | 129 | 138 | 137 | 139 | 138 | 139 |
| Gross Energy Consumption | 100 | 103 | 102 | 104 | 100 | 99 | 96 | 94 |
| Energy Intensities | 100 | 91 | 79 | 76 | 73 | 71 | 69 | 68 |

Table 6. CO₂ emissions from energy consumption

| Unit: Million Tons | 1990 | 1995 | 2000 | 2005 | 2010 | 2011 | 2012 | 2013* |
|--------------------|------|------|------|------|------|------|------|-------|
| Observed Emissions | 53.3 | 60.4 | 53.7 | 51.0 | 49.6 | 44.4 | 39.9 | 41.6 |
| Adjusted Emissions | 61.3 | 60.0 | 55.5 | 52.6 | 47.3 | 45.9 | 43.9 | 42.4 |

Table 7. Total greenhouse gases

| Unit: Million Tons CO ₂ Equivalents | Basic year ¹ | 1995 | 2000 | 2005 | 2010 | 2011 | 2012 | 2013 ² |
|--|-------------------------|------|------|------|------|------|------|-------------------|
| Observed Emissions | 69.3 | 76.1 | 68.5 | 64.1 | 61.4 | 56.5 | 51.6 | N/A |
| Adjusted Emissions | 77.4 | 75.7 | 70.3 | 65.6 | 59.1 | 58.0 | 55.7 | N/A |

Note 1: Table 6, the preliminary emissions statements are solely based on the preliminary energy statistics.

Note 2: Table 7, the statements here do not include the effects of uptake of CO₂ by forests and soil, reductions through projects in other countries, and purchases of emissions allowances, all of which should be included in relation to Danish climate commitments for 2008-2012. In contrast to table 6, emissions from foreign air transport are not included in the figures in table 7.

1) In accordance with the Kyoto Protocol, the base year comprises emissions of CO₂ methane and nitrous oxide in 1990 and emissions of the industrial greenhouse gases in 1995, calculated in 2006 and approved under the Kyoto Protocol in 2007.

2) The Intergovernmental Panel on Climate Change (IPCC) has announced new guidelines for calculation and statements of greenhouse gases. These must be used from 2015. This means that figures for 1990-2012 must be re-calculated, and figures for 2013 and subsequent years should be calculated according to the new guidelines. The updated guidelines primarily affect emissions of methane and nitrous oxide. Agriculture, in particular, is an important source of these emissions.

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