Consumption of hard coal

2021, 2nd quarter

Consumption of hard coal decreased by 3 per cent in January to June

According to Statistics Finland’s preliminary data, the consumption of hard coal decreased by three per cent in January to June 2021 compared with the corresponding period of last year. The consumption of hard coal as a fuel in the generation of electricity and heat amounted to 0.926 million tonnes, corresponding to 24 petajoules in energy content. In January to June, 58 per cent less hard coal was consumed than on average during this millennium.

The consumption of hard coal grew in the first quarter due to the colder winter than in the year before. In the second quarter of the year, the consumption of hard coal decreased by 15 per cent compared with the corresponding period of last year. Compared with one year ago, the consumption of hard coal contracted most in June, by 28 per cent.

Energy consumption in Finland typically fluctuates seasonally. Some of the fluctuation in the consumption of hard coal is also explained by the natural variation in the need for electricity and heat between the...
summer and winter seasons. The difference between individual statistical reference years can be explained by variations in the demand for heating energy caused by the weather. However, a declining trend can be detected in the consumption of hard coal for several years. The use of fossil fuels has been replaced by renewable energy. The decrease in the consumption of coal is affected by the ban on the use of coal for energy, which will enter into force in 2029.

At the end of June, the stocks of coal amounted to 1.6 million tonnes. Compared with one year back, the stocks were 14 per cent lower.
Contents

Tables
Appendix tables
Appendix table 1. Consumption of hard coal.................................................................4
Appendix table 2. Hard coal stocks, month-end.................................................................4

Revisions in these statistics........................................................................................................5
Appendix tables

Appendix table 1. Consumption of hard coal

<table>
<thead>
<tr>
<th>Period</th>
<th>2020* Quantity (1,000 t)</th>
<th>2021* Quantity (1,000 t)</th>
<th>Annual change %</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>198</td>
<td>210</td>
<td>6</td>
</tr>
<tr>
<td>February</td>
<td>226</td>
<td>235</td>
<td>4</td>
</tr>
<tr>
<td>March</td>
<td>208</td>
<td>205</td>
<td>-2</td>
</tr>
<tr>
<td>April</td>
<td>167</td>
<td>133</td>
<td>-20</td>
</tr>
<tr>
<td>May</td>
<td>87</td>
<td>93</td>
<td>6</td>
</tr>
<tr>
<td>June</td>
<td>70</td>
<td>50</td>
<td>-28</td>
</tr>
<tr>
<td>July</td>
<td>48</td>
<td>.</td>
<td>.</td>
</tr>
<tr>
<td>August</td>
<td>56</td>
<td>.</td>
<td>.</td>
</tr>
<tr>
<td>September</td>
<td>65</td>
<td>.</td>
<td>.</td>
</tr>
<tr>
<td>October</td>
<td>108</td>
<td>.</td>
<td>.</td>
</tr>
<tr>
<td>November</td>
<td>154</td>
<td>.</td>
<td>.</td>
</tr>
<tr>
<td>December</td>
<td>172</td>
<td>.</td>
<td>.</td>
</tr>
<tr>
<td>YEAR TOTAL</td>
<td>1,560</td>
<td>.</td>
<td>.</td>
</tr>
<tr>
<td>Q1</td>
<td>632</td>
<td>649</td>
<td>3</td>
</tr>
<tr>
<td>Q2</td>
<td>324</td>
<td>276</td>
<td>-15</td>
</tr>
<tr>
<td>Q3</td>
<td>169</td>
<td>.</td>
<td>.</td>
</tr>
<tr>
<td>Q4</td>
<td>434</td>
<td>.</td>
<td>.</td>
</tr>
<tr>
<td>January-March cum.</td>
<td>632</td>
<td>649</td>
<td>3</td>
</tr>
<tr>
<td>January-June cum.</td>
<td>956</td>
<td>926</td>
<td>-3</td>
</tr>
<tr>
<td>January-September cum.</td>
<td>1,126</td>
<td>.</td>
<td>.</td>
</tr>
<tr>
<td>January-December cum.</td>
<td>1,560</td>
<td>.</td>
<td>.</td>
</tr>
</tbody>
</table>

1) *preliminary

Appendix table 2. Hard coal stocks, month-end

<table>
<thead>
<tr>
<th>Period</th>
<th>2020 Quantity (1,000 t)</th>
<th>2021 Quantity (1,000 t)</th>
<th>Annual change %</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>2,190</td>
<td>1,986</td>
<td>-9</td>
</tr>
<tr>
<td>February</td>
<td>2,042</td>
<td>1,798</td>
<td>-12</td>
</tr>
<tr>
<td>March</td>
<td>1,903</td>
<td>1,708</td>
<td>-10</td>
</tr>
<tr>
<td>April</td>
<td>1,864</td>
<td>1,613</td>
<td>-14</td>
</tr>
<tr>
<td>May</td>
<td>1,849</td>
<td>1,551</td>
<td>-16</td>
</tr>
<tr>
<td>June</td>
<td>1,879</td>
<td>1,610</td>
<td>-14</td>
</tr>
<tr>
<td>July</td>
<td>1,954</td>
<td>.</td>
<td>.</td>
</tr>
<tr>
<td>August</td>
<td>2,013</td>
<td>.</td>
<td>.</td>
</tr>
<tr>
<td>September</td>
<td>2,026</td>
<td>.</td>
<td>.</td>
</tr>
<tr>
<td>October</td>
<td>2,075</td>
<td>.</td>
<td>.</td>
</tr>
<tr>
<td>November</td>
<td>2,042</td>
<td>.</td>
<td>.</td>
</tr>
<tr>
<td>December</td>
<td>1,984</td>
<td>.</td>
<td>.</td>
</tr>
</tbody>
</table>
Revisions in these statistics

The data of the statistics have become revised according to the table below. For more information about data revisions, see Section 3 of the quality description (only in Finnish).

Revisions to data on annual changes in consumption of hard coal

<table>
<thead>
<tr>
<th>Consumption of hard coal and quarter</th>
<th>Annual change (%)</th>
<th>Revision (%-point)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1st release (%)</td>
<td>Latest release 27th August 2021 (%)</td>
</tr>
<tr>
<td>I-IV/2020</td>
<td>-35</td>
<td>-35</td>
</tr>
<tr>
<td>I/2020</td>
<td>-36</td>
<td>-36</td>
</tr>
<tr>
<td>II/2020</td>
<td>-29</td>
<td>-30</td>
</tr>
<tr>
<td>III/2020</td>
<td>-35</td>
<td>-38</td>
</tr>
<tr>
<td>IV/2020</td>
<td>-35</td>
<td>-35</td>
</tr>
<tr>
<td>I/2021</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

1) The revisions describe the difference between the annual change percentages of the latest and first releases in percentages. The first release refers to the time when preliminary data for the statistical reference quarter in question were released for the first time.
Inquiries

Aira Hast 029 551 3394
Head of Department in charge:
Katri Kaaja

energia@stat.fi
www.stat.fi
Source: Consumption of hard coal, Statistics Finland