

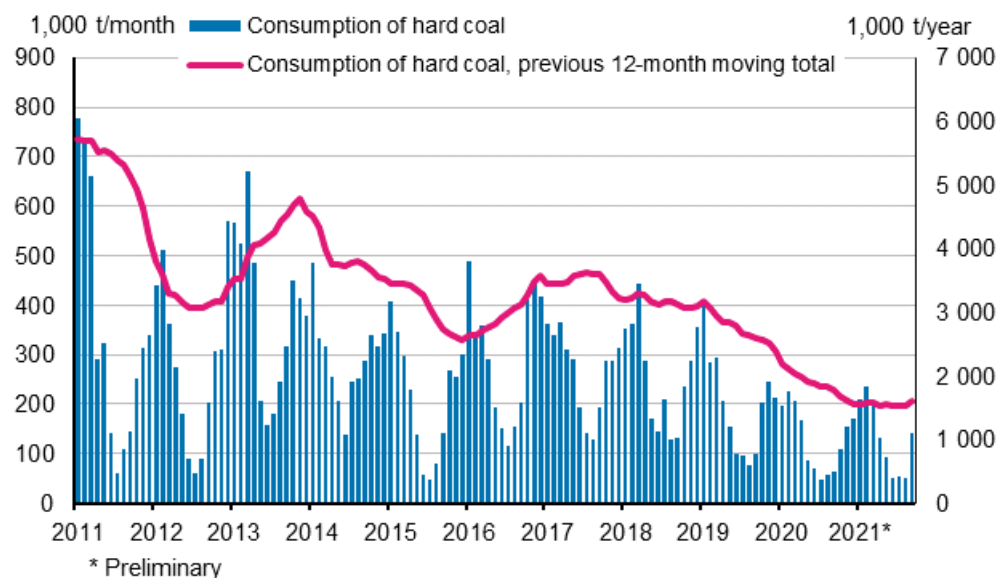
# Consumption of hard coal

2021, 3rd quarter

## Consumption of hard coal increased by 4 per cent in January to September

According to Statistics Finland's preliminary data, the consumption of hard coal increased by four per cent in January to September this year 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 1.2 million tonnes, corresponding to 31 petajoules in energy content. In January to September, 59 per cent less hard coal was consumed than on average during this millennium.

### Consumption of hard coal, 1,000 tonnes



In the third quarter, 44 per cent more hard coal was consumed than in the corresponding period of the year before. The consumption of hard coal increased in the third quarter both in the production of electricity and heat and in manufacturing. The use of hard coal grew particularly in September, which was cooler than in the year before. Changes in the price ratios of the fuel markets were also visible in the demand for hard coal in early autumn. In the first half of 2021, three per cent less hard coal was consumed than in the corresponding period of the year before.

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 The use of fossil fuels has been replaced by renewable energy.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 September, the stocks of coal amounted to 1.6 million tonnes. Compared with one year back, the stocks were 23 per cent lower.

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# Appendix tables

**Appendix table 1. Consumption of hard coal**

Period	2020	2021*	Annual change %
	Quantity (1,000 t)	Quantity (1,000 t)	
January	198	210	6
February	225	235	4
March	207	205	-1
April	167	133	-20
May	87	93	7
June	69	50	-28
July	48	53	11
August	56	51	-10
September	65	140	115
October	108	.	.
November	153	.	.
December	172	.	.
YEAR TOTAL	1,555	.	.
Q1	630	649	3
Q2	323	276	-15
Q3	169	244	44
Q4	433	.	.
January-March cumulative	630	649	3
January-June cumulative	954	925	-3
January-September cumulative	1,122	1,169	4
January-December cumulative	1,555	.	.

1) \*preliminary

**Appendix table 2. Hard coal stocks, month-end**

Period	2020	2021	Annual change %
	Quantity (1,000 t)	Quantity (1,000 t)	
January	2,190	1,986	-9
February	2,042	1,798	-12
March	1,903	1,708	-10
April	1,864	1,613	-14
May	1,849	1,551	-16
June	1,879	1,610	-14
July	1,954	1,594	-18
August	2,013	1,620	-20
September	2,026	1,566	-23
October	2,075	.	.
November	2,042	.	.
December	1,984	.	.

## 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<sup>1)</sup>

Consumption of hard coal and quarter	Annual change (%)		Revision (%-point)
	1st release (%)	Latest release 29th October 2021 (%)	
I-IV/2020	-35	-35	0
I/2020	-36	-36	0
II/2020	-29	-30	-1
III/2020	-35	-38	-3
IV/2020	-35	-35	0
I/2021	2	3	1
II/2021	-15	-15	0
III/2021	.	44	.

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.

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Source: Consumption of hard coal, Statistics Finland