

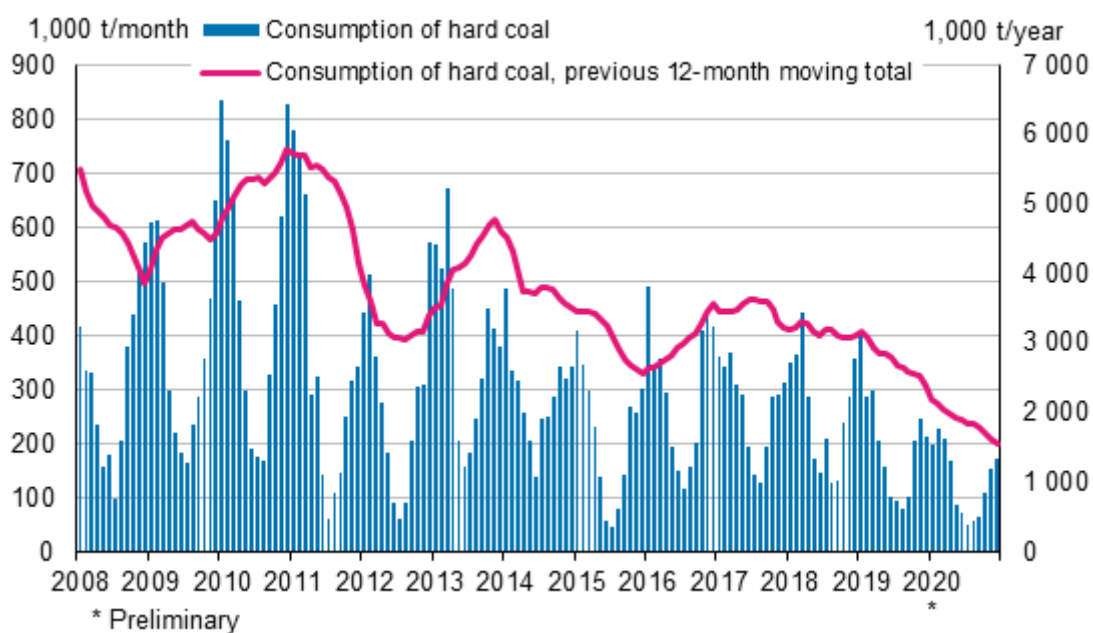
# Consumption of hard coal

2020, 4th quarter

## Consumption of hard coal decreased by 35 per cent in 2020

According to Statistics Finland's preliminary data, the consumption of hard coal decreased by 35 per cent last year in comparison to the previous year. The consumption of hard coal as a fuel in the generation of electricity and heat amounted to 1.56 million tonnes, corresponding to 40 petajoule in energy content. In all, 64 per cent less hard coal was consumed in 2020 than on average during this millennium.

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



The use of hard coal decreased most in the third quarter, when consumption was 38 per cent lower than in the year before. In the fourth quarter, 35 per cent less hard coal was consumed than in the corresponding period of the year before. Consumption decreased quite evenly in all quarters of the year. Compared with one year ago, consumption contracted most in January. The decrease was lowest in April and December. The consumption of hard coal decreased especially in plants that principally produce electricity and heat. In recent years, the use of hard coal has completely discontinued in some plants' boilers. 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. The warm weather in 2020 has also contributed to the decrease in consumption.

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 The use of fossil fuels has been replaced by renewable energy.

At the end of December, the stocks of coal amounted to 2.0 million tonnes. Compared with one year back, the stocks were 12 per cent lower.

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# Appendix tables

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

Period	2019	2020*	Annual change %
	Quantity (1,000 t)	Quantity (1,000 t)	
January	403	198	-51
February	285	226	-21
March	296	208	-30
April	206	167	-19
May	157	87	-44
June	100	70	-30
July	95	48	-49
August	78	56	-28
September	100	65	-35
October	204	108	-47
November	247	154	-38
December	213	172	-19
YEAR TOTAL	2,383	1,560	-35
Q1	983	632	-36
Q2	463	324	-30
Q3	272	169	-38
Q4	665	434	-35
January-March cumulative	983	632	-36
January-June cumulative	1,446	956	-34
January-September cumulative	1,718	1,126	-35
January-December cumulative	2,383	1,560	-35

1) \*preliminary

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

Period	2019	2020	Annual change %
	Quantity (1,000 t)	Quantity (1,000 t)	
January	2,251	2,190	-3
February	2,096	2,042	-3
March	1,913	1,903	-1
April	1,879	1,864	-1
May	1,831	1,849	1
June	1,922	1,879	-2
July	2,046	1,954	-5
August	2,218	2,013	-9
September	2,263	2,026	-11
October	2,209	2,075	-6
November	2,274	2,042	-10
December	2,241	1,984	-12

## 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 9th February 2021 (%)	
I-IV/2019	-25	-23	2
I/2019	-14	-15	-1
II/2019	-25	-23	2
III/2019	-43	-42	1
IV/2019	-25	-24	1
I/2020	-36	-36	0
II/2020	-29	-30	-1
III/2020	-35	-38	-3
IV/2020	.	-35	.

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