

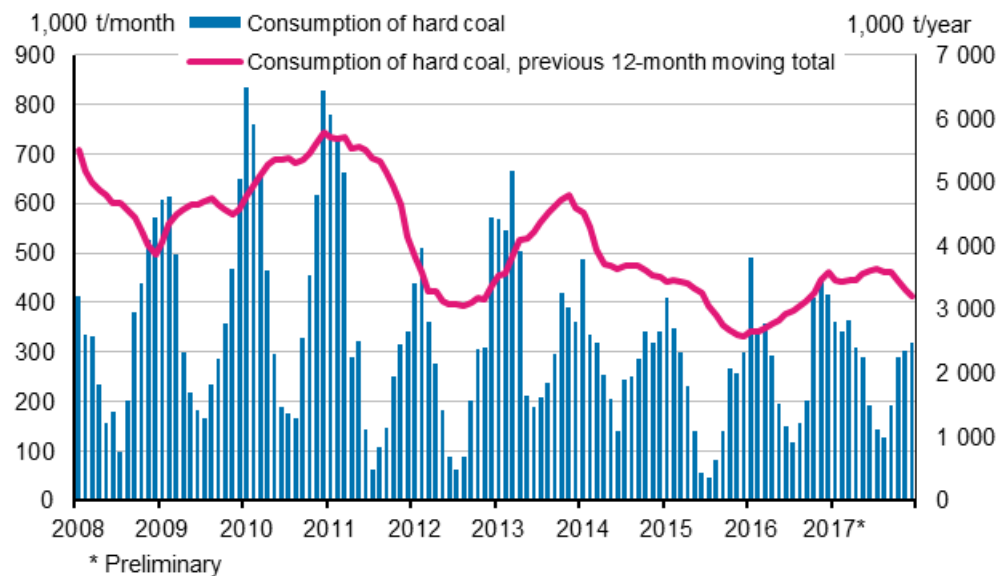
Consumption of hard coal

2017, 4th quarter

Consumption of hard coal decreased by ten per cent in 2017

According to Statistics Finland's preliminary data, the consumption of hard coal decreased by ten per cent last year in comparison with the previous year. The consumption of hard coal as a fuel in the generation of electricity and heat amounted to 3.2 million tonnes, corresponding to 82 petajoules (PJ) in energy content. Last year, 30 per cent less hard coal was consumed than on average during this millennium.

Consumption of hard coal, 1,000 tonnes



In the last quarter of the year, 29 per cent less hard coal was consumed compared to the year before. On the longer term, the trend of consumption for hard coal has been falling already for good ten years.

Most of the hard coal consumed in Finland is used in combined heat and power production. The use of hard coal in separate production of electricity has diminished over the years due to weak profitability.

Hard coal consumption in Finland typically fluctuates seasonally. Some of the fluctuation is explained by the natural variation in the need for electricity and heat between the summer and winter seasons. The difference between statistical reference years is explained by variations in the demand for heating energy and the Nordic water situation, which particularly influences the electricity exchange price and thus the demand for separate production of electricity as well. Therefore, long-term consumption development cannot be deducted from the change in hard coal consumption in successive years.

At the end of December 2017, stocks of hard coal totalled 2.2 million tonnes, or 15 per cent lower than one year earlier.

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

Period	2016	2017*	Annual change %
	Quantity (1000 t)	Quantity (1000 t)	
January	489	360	-26
February	345	340	-1
March	358	364	2
April	292	308	5
May	195	288	48
June	151	192	28
July	116	142	22
August	156	126	-19
September	202	191	-5
October	410	290	-29
November	447	302	-33
December	417	318	-24
YEAR TOTAL	3,579	3,220	-10
Q1	1,192	1,063	-11
Q2	638	788	24
Q3	474	470	-3
Q4	1,274	910	-29
January-March cum.	1,192	1,063	-11
January-June cum.	1,830	1,851	1
January-September cum.	2,304	2,322	0
January-December cum.	3,578	3,220	-10

1) *preliminary

Appendix table 2. Hard coal stocks, month-end

Period	2017	Annual change %
	Quantity (1000 t)	
January	2,472	-23
February	2,320	-24
March	2,068	-28
April	2,065	-12
May	2,053	-14
June	2,044	-15
July	2,126	-16
August	2,225	-16
September	2,336	-12
October	2,331	-17
November	2,264	-16
December	2,189	-15

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 coal¹⁾

Consumption of hard coal and quarter	Annual change (%)		Revision (%-point)
	1st release (%)	Latest release 31st January 2018 (%)	
I-IV/2016	31	39	8
I/2016	4	13	9
II/2016	26	50	24
III/2016	39	77	38
IV/2016	48	55	7
I/2017	-14	-11	3
II/2017	26	24	-2
III/2017	-1	-3	-2
IV/2017	.	-29	.

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

Aleksi Sandberg 029 551 3326
Director in charge:
Ville Vertanen

energia@stat.fi

www.stat.fi

Source: Consumption of hard coal, Statistics Finland