



In 2017 higher CO₂ and lower particulate matter PM₁₀ emissions

Air Emissions Accounts, Slovenia, 2017

Compared to 2016, CO₂ emissions increased by 2.5% to 15.6 million tonnes in 2017. In the same period, the emissions of particulate matter PM₁₀ decreased by 2.5% to 13,600 tonnes.

2.5% more CO₂ emissions than in the previous year

15.6 million tonnes of CO₂ emissions were generated in 2017, which is a 2.5% increase over the previous year. Compared to the previous year, in 2017 production and service activities generated 3.9% more CO₂ emissions, while households generated 2.2% less emissions.

70.5% of PM₁₀ emissions generated in households

13,600 tonnes of PM₁₀ emissions were generated in 2017, which is a 2.5% decrease over the previous year; PM₁₀ emissions from production and service activities were 5.1% higher, while PM₁₀ emissions from households were lower by 5.3%. 12.1% of PM₁₀ emissions originated from manufacturing (C), 5.4% from agriculture, forestry and fishing (A), 3.2% from electricity, gas, steam and air conditioning supply (D), 1.4% from transportation and storage (H) and 7.5% from all other NACE activities. 70.4% of PM₁₀ emissions originated from households, of which 88.9% (62.7% of the total) from heating and cooling.

NO_x emissions lower by 6.5%

NO_x emissions in 2017 decreased by 6.5% compared to 2016 (to 39,100 tonnes); from production and service activities by 6.9% and from households by 5.4%. Most NO_x emissions originated from manufacturing and service activities (73.0%) and a smaller share (27.0%) from households.

In 2017 highest increase in SO_x emissions

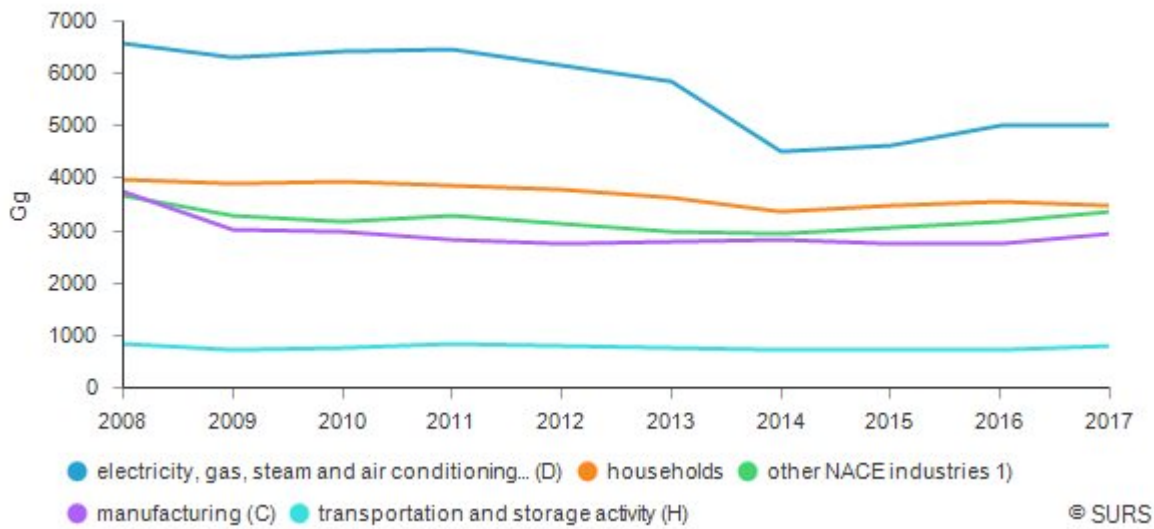
Compared to 2016, SO_x emissions were higher by 5.1%, CO₂ emissions by 2.5% and HFC emissions by 1.5%. Other emissions decreased in 2017; the highest decrease (by 11.8%) was recorded in PFC emissions.

Compared to 2008, CO₂ emissions decreased by 17.1%, SO_x emissions by 66.7%

Compared to 2008, in 2017 CO₂ emission decreased by 17.1%; in production and service activities by 18.2% and in households by 13.0%.

During this period, SO_x emissions decreased the most (by 66.7%). A significant decrease was also recorded in NO_x (by 43.5%), NMVOC (by 27.9%) and CO (by 22.3%) emissions. PM₁₀ emissions decreased by 18.0%. On the other hand, some emissions increased; HFC by 62.5%, PFC by 18.4% and N₂O by 1.8%.

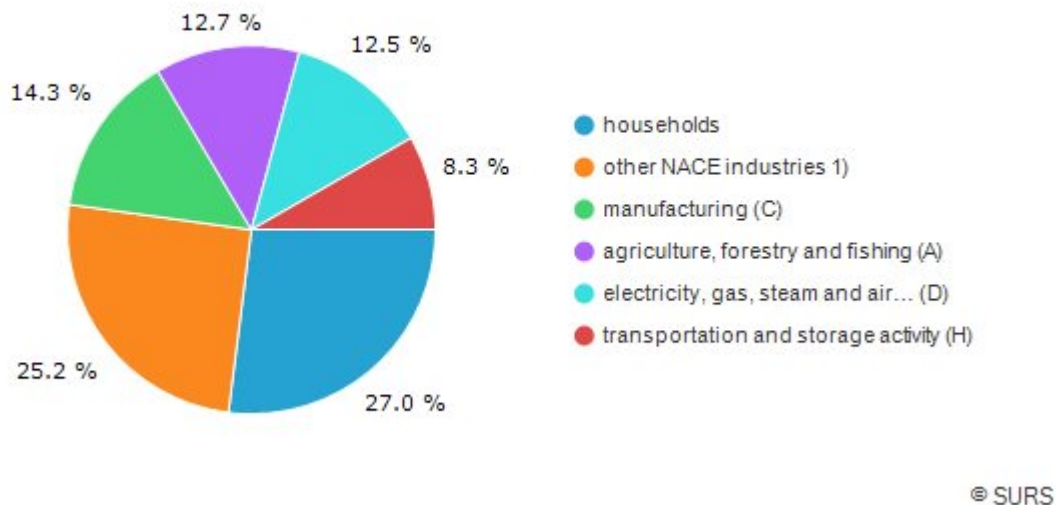
CO₂ emissions, Slovenia



1) Other NACE industries: Agriculture, forestry and fishing (A), Mining and quarrying (B), Water supply; sewerage, waste management and remediation activities (E) and service activities (F-S), excluding transportation and storage (H)

Source: SURS

NO_x emissions by origin, Slovenia, 2017



1) Other NACE industries: Mining and quarrying (B), Water supply; sewerage, waste management and remediation activities (E) and service activities (F-S), excluding transportation and storage (H)

Source: SURS

Emissions and the growth index, Slovenia

	2008	2016	2017	<u>2017</u> <u>2016</u>	<u>2017</u> <u>2008</u>
	Gg			index	
CO ₂	18,812.41	15,210.76	15,589.26	102.5	82.9
CO ₂ from biomass ¹⁾	3,110.35	3,044.18	3,025.34	99.4	97.3
N ₂ O	2.39	2.49	2.43	97.8	101.8
CH ₄	95.19	86.04	84.04	97.7	88.3
HFC ²⁾	219.99	352.33	357.48	101.5	162.5
PFC ²⁾	14.74	19.78	17.45	88.2	118.4
SF ₆ ²⁾	19.37	17.44	15.81	90.7	81.6
NO _x	69.13	41.80	39.08	93.5	56.5
SO _x	14.64	4.65	4.88	105.1	33.3
NH ₃	19.49	18.91	18.57	98.2	95.3
NMVOG	42.12	30.57	30.38	99.4	72.1
CO	132.01	107.46	102.57	95.4	77.7
PM ₁₀	16.64	13.98	13.64	97.5	82.0
PM _{2,5}	14.36	12.22	11.80	96.6	82.2

1) Data on CO₂ emissions from biomass are shown separately, since the international organizations do not add them to amounts of greenhouse gas emissions.

2) In CO₂ equivalents.


Source: SURS

Methodological note

In 2019, data on greenhouse gas and pollutant emissions from road transport were revised on the basis of a new data source.

Hence, road transport emissions were allocated to all NACE Rev. 2 activities, not only to NACE H49, N77, O84, P85, Q86, S96 and "household - transport", as shown before. The new allocation applies to the entire time series from 2008 onwards.

Detailed data

 Detailed data and time series are available on the [SI-STAT data portal](#), which enables simple browsing and exporting of data in various formats. Registered users have the possibility to store tables for later browsing and to sign up to be informed when data are updated.

Author/s: Marko Pavlič

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Statistical Office of the Republic of Slovenia
Litostrojska cesta 54, 1000 Ljubljana, Slovenia

Information Centre:
phone: +386 1 241 64 04
fax: +386 1 241 53 44
info.stat@gov.si

www.stat.si/en

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