

# STATISTICAL RELEASE

# ZS80

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**Environmental statistics**

SERB259 ZS80 200917

## Air Emissions Account, 2013 and 2015

### Air emissions in slight increase

Regarding greenhouse gases emissions in 2013, the greatest was the emission of CO<sub>2</sub>, amounting to 48699.6 thousand tons (Gg), while regarding the pollutants emission in 2015, emission of SO<sub>x</sub> was 415.5 thousand tons (Gg).

Emission of CO<sub>2</sub> in 2013 increased by 2.8% relative to the previous year, and emissions of NO<sub>x</sub> and SO<sub>x</sub> increased by 15.5%, i.e. 26.9% relative to 2014.

### Emission of CO<sub>2</sub> is still the greatest in the section of Electricity, gas, steam and air conditioning supply

During 2013, emission of CO<sub>2</sub> increased in the section of Transport and storage, by 31.3%, as well as in the section of Electricity, gas, steam and air conditioning supply, by 4.1%, while in the section of Manufacturing, the decrease of 9.9% was recorded, relative to 2012.

The greatest CO<sub>2</sub> emission was from the section of Electricity, gas, steam and air conditioning supply (66.3%), followed by Households (13.2%), from the section of Manufacturing (12.7%) and from Other sections (7.8%).

### Emissions of SO<sub>x</sub> and NO<sub>x</sub> in 2015 noted increase

During 2015, the greatest share of SO<sub>x</sub> emission was recorded in the section of Electricity, gas, steam and air conditioning supply (95.5%), followed by the section of Manufacturing (2.2%), Households (1.4%) and Other sections (0.9%).

NO<sub>x</sub> emission in 2015 amounted to 143.6 thousand tons (Gg). The greatest emission was noted in the section of Electricity, gas, steam and air conditioning supply (52.2%), then in Households (23.0%), in section of Manufacturing (10.7%), in the section of Agriculture, forestry and fishing (6.8%) and in Other sections (7.3%).

## 1. Emission of greenhouse gases<sup>2)</sup> by source

Republic of Serbia		thous. ton (Gg)
		CO <sub>2</sub>
<b>Total<sup>1)</sup></b>		<b>48699,6</b>
<b>By CA sections</b>		<b>42272,6</b>
Agriculture, forestry and fishing		479,2
Mining and quarrying		1404,7
Manufacturing		6171,5
Electricity, gas, steam and air conditioning supply		32290,8
Transport and storage		786,9
Other sections		1139,5
<b>Households</b>		<b>6427,0</b>

<sup>1)</sup> Data source: Serbian Environmental Protection Agency.

<sup>2)</sup> Emission of greenhouse gases covers: CO<sub>2</sub>, N<sub>2</sub>O, CH<sub>4</sub>, HFC, PFC, SF<sub>6</sub>, and presented is the emission of CO<sub>2</sub> only.

## 2. Air emissions of pollutants<sup>2)</sup> by source, 2015

Republic of Serbia

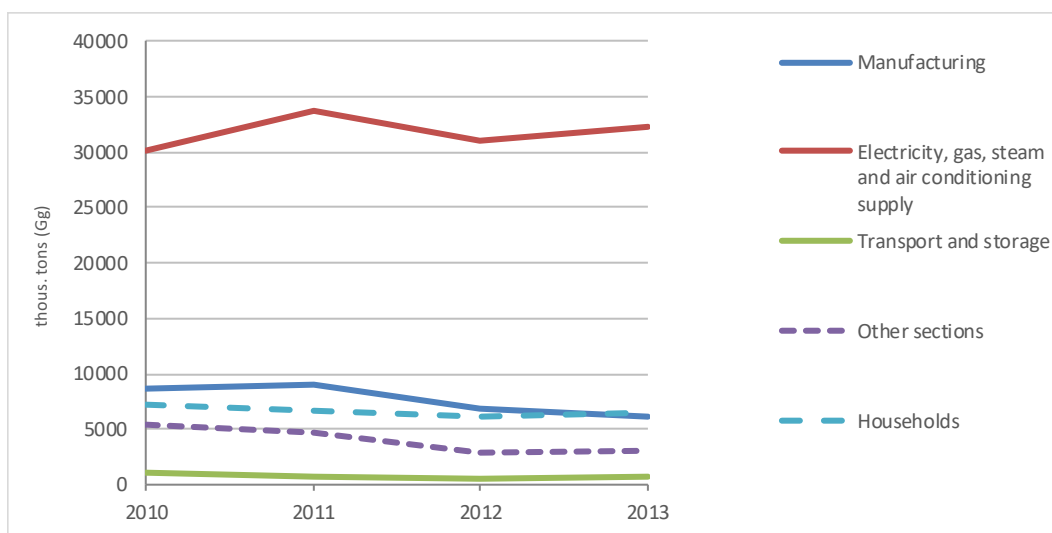
thous. ton (Gg)

	NO <sub>x</sub>	SO <sub>x</sub>	CO
<b>Total<sup>1)</sup></b>	<b>143,6</b>	<b>415,5</b>	<b>277,3</b>
<b>By CA sections</b>	<b>110,5</b>	<b>409,6</b>	<b>48,9</b>
Agriculture, forestry and fishing	9,8	0,1	0,9
Mining and quarrying	0,4	0,6	0,2
Manufacturing	15,4	9,0	35,8
Electricity, gas, steam and air conditioning supply	74,9	397,0	3,6
Transport and storage	3,0	0,3	1,9
Other sections	7,0	2,5	6,6
<b>Households</b>	<b>33,1</b>	<b>5,9</b>	<b>228,4</b>

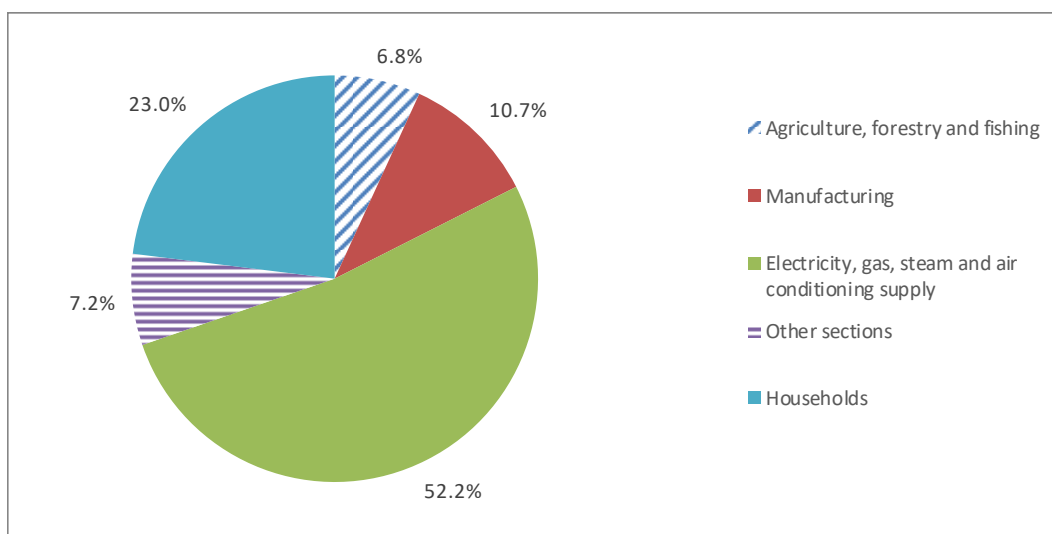
<sup>1)</sup> Data source: Serbian Environmental Protection Agency.

<sup>2)</sup> Air emission of pollutants covers the following gases: NO<sub>x</sub>, SO<sub>x</sub>, NH<sub>3</sub>, NMVOC, CO, PM<sub>10</sub> and PM<sub>2.5</sub>, and presented are emissions for NO<sub>x</sub>, SO<sub>x</sub> and CO.

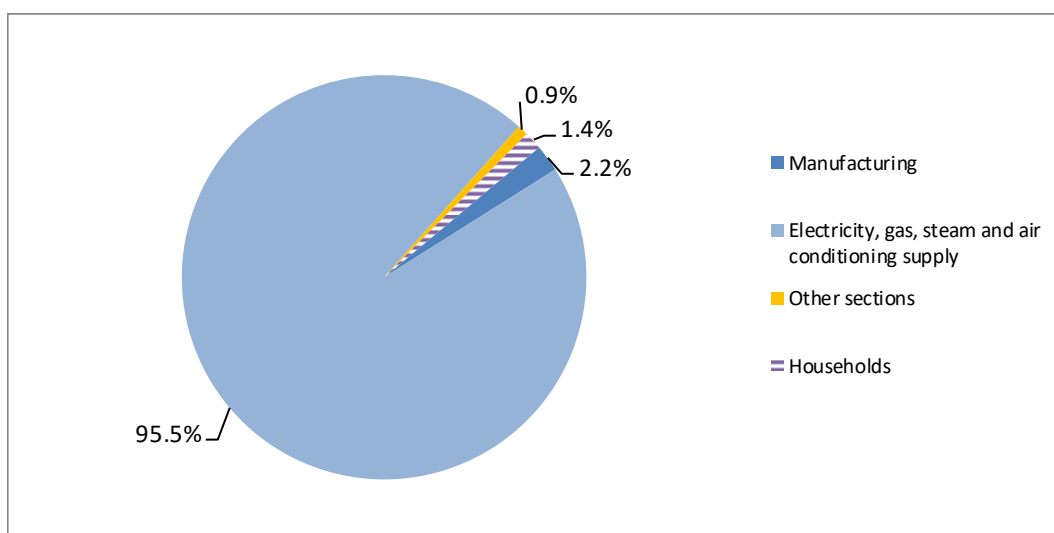
**Graph 1 Emission of CO<sub>2</sub> by source**



**Graph 2 Emission of NO<sub>x</sub> by source, 2015**



**Graph 3 Emission of SO<sub>x</sub> by source, 2015**



Methodological explanations on the air emission accounts can be found on the website of the Statistical Office of the Republic of Serbia: <http://webrzs.stat.gov.rs/WebSite/Public/PageView.aspx?pKey=64>.

Data series for the air emission accounts are accessible on the website of the Statistical Office of the Republic of Serbia, in database <http://webrzs.stat.gov.rs/WebSite/public/ReportView.aspx>.

Starting from 1999 the Statistical Office of the Republic of Serbia has not at disposal and may not provide available certain data relative to AP Kosovo and Metohija and therefore these data are not included in the coverage for the Republic of Serbia (total).