|  |  |  |
| --- | --- | --- |
|  ZnakRZS | Republic of SerbiaStatistical Office of the Republic of Serbia | ISSN 0353-9555 |
| **STATISTICAL RELEASE** | **ZS80** |
| Number 259 - Year LXVII, 20.09.2017 |  |
| **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 CO2, amounting to 48699.6 thousand tons (Gg), while regarding the pollutants emission in 2015, emission of SОx was 415.5 thousand tons (Gg).

Emission of CO2 in 2013 increased by 2.8% relative to the previous year, and emissions of NОx and SОx increased by 15.5%, i.e. 26.9% relative to 2014.

**Emission of CO2 is still the greatest in the section of Electricity, gas, steam and air conditioning supply**

During 2013, emission of CO2 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 CO2 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 SOx and NOx in 2015 noted increase**

During 2015, the greatest share of SOx 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%).

NОx 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 gases2) by source**

**Republic of Serbia** thous. ton (Gg)

|  |  |
| --- | --- |
|  | CO2 |
|  |  |
| **Total1)** | **48699,6** |
|  **By CA sections** | **42272,6** |
| 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 |
|  **Households** | **6427,0** |

1) Data source: Serbian Environmental Protection Agency.

2) Emission of greenhouse gases covers: CO2, N2O, CH4, HFC, PFC, SF6, and presented is the emission of CO2 only.

**2. Air emissions of pollutants2) by source, 2015**

**Republic of Serbia** thous. ton (Gg)

|  |  |  |  |
| --- | --- | --- | --- |
|  | NOᵪ | SOᵪ | CO |
|  |  |  |  |
| **Total1)** | **143,6** | **415,5** | **277,3** |
|  **By CA sections** | **110,5** | **409,6** | **48,9** |
| 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 |
| **Households**  | **33,1** | **5,9** | **228,4** |

¹⁾ Data source: Serbian Environmental Protection Agency.

2) Air emission of pollutants covers the following gases: NOx, SOx, NH3, NMVOC, CO, PM10 and PM 2.5, and presented are emissions for NOx, SОx and CO.

**Graph 1 Emission of СО2 by source**



**Graph 2 Emission of NОx by source, 2015**



**Graph 3 Emission of SОx 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).

Contact: ana.vignjevic@stat.gov.rs; bojana.krzalic@stat.gov.rs Phone: 011 3290-242

Published and printed by: Statistical Office of the Republic of Serbia, Belgrade, Milana Rakica 5
Phone: 011 2-412-922 • Fax: 011 2-411-260 • www.stat.gov.rs
Responsible: Dr Miladin Kovacevic, Director
Circulation: 20 ● Periodicity: annual