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| ZnakRZS | Statistical Office of the Republic of Serbia | ISSN 0353-9555 |
| **STATISTICAL RELEASE** | | **ZS92** |
| Number 325 - Year LXVII 05/12/2017 | |  |
| **Environmental statistical unit** | | SRB325 ZS92 051217 |

**Material flow indicators, 2016**

Material flows include material flows between a national economy and the natural environment, and these consist of the extraction of raw materials and other primary materials from and the discharge into the natural environment, as well as material flows between a national economy and the rest of the world (imports and exports).

In 2016, domestic extraction used (DEU) amounted to 116 339 thousand tonnes; compared to the previous year it increased by 9.6%. The largest share in the DEU structure was noted for the categories of biomass (39 839 thousand tons) and fossil energy (39 823 thousand tons).

In 2016 the total imports amounted to 16 442 thousand tonnes, which is by 10.2% higher when related to 2015. Categories with the largest share in imports were fossil fuels (39.5%) and metal ores (23.2%).

In 2016 the total exports noted the value of 13 241 thousand tonnes. Biomass had the largest share in the total exports (54.1%) and metal ores (15.1%).

In 2016 domestic material consumption amounted to 119 540 thousand tons, which is by 9 845 thousand tons more if compared to 2015. The greatest consumption related to the category of fossil fuels (44 913 thousand tons) and biomass (35 283 thousand tons). In 2016 domestic material consumption per capita increased by 1.4 ton when compared to the previous year and amounted to 16.9 tonnes.

Resource productivity is the ratio between Gross domestic product (GDP) and DMC and in 2016, it amounted to 26.9 RSD per kilogram, which is by 5.6% less than in 2015, meaning that increase of material consumption was greater than GDP increase, when related to the previous year.

**1. Material flow indicators**

Republic of Serbia thous. tonnes

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | | Domestic extraction used | Imports | Exports | Domestic material consumption | Physical trade balance |
| 1 | 2 | 3 | 4=1+2-3 | 5=2-3 |
|  |  |  |  |  |  |  |
| **Total** |  | **106136** | **14922** | **11363** | **109695** | **3559** |
| **2015** | **116339** | **16442** | **13241** | **119540** | **3201** |
|  | **2016** |  |  |  |  |  |
| Biomass |  | 32974 | 2498 | 6192 | 29280 | -3694 |
| 2015 | 39839 | 2609 | 7165 | 35283 | -4556 |
|  | 2016 |  |  |  |  |  |
| Metal ores | 2015 | 17441 | 3116 | 1896 | 18662 | 1220 |
| 18179 | 3821 | 2002 | 19997 | 1818 |
|  | 2016 |  |  |  |  |  |
| Non-metallic minerals |  | 16384 | 2169 | 1483 | 17070 | 687 |
| 2015 | 18498 | 2571 | 1774 | 19295 | 796 |
|  | 2016 |  |  |  |  |  |
| Fossil fuels |  | 39337 | 6309 | 1086 | 44560 | 5223 |
| 2015 | 39823 | 6489 | 1398 | 44913 | 5090 |
|  | 2016 |  |  |  |  |  |
| Other |  | *-* | 830 | 707 | 123 | 123 |
| 2015 | - | 953 | 901 | 52 | 52 |

**2. Resource efficiency indicators**

Republic of Serbia

|  |  |  |
| --- | --- | --- |
|  | 2015 | 2016 |
|  |  |  |
| Domestic material consumption per capita (tonnes) | 15,5 | 16,9 |
|  |  |  |
| Resource productivity (RSD per kg) | 28,5 | 26,9 |

The basic principles and methods for creating accounts of material flows for the level of total economy, as well as the results for the Republic of Serbia were presented in the publication [“Material flow indicators of the Republic of Serbia, 2001–2011“](http://webrzs.stat.gov.rs/WebSite/repository/documents/00/01/15/95/Indikatori_materijalnih_tokova_u_RS_2001-2011.pdf#page=43) and can be found at SORS website.

Time series of material flow indicators are available at SORS website, in the database via [link](http://webrzs.stat.gov.rs/WebSite/Public/ReportResultView.aspx?rptKey=indId%3d09020302IND01%2c09020302IND04%2c09020302IND05%2c09020302IND06%2c09020302IND07%2c09020302IND08%26102%3dRS%262%3d200800%2c200900%2c201000%2c201100%2c201200%2c201300%2c201400%2c201500%26sAreaId%3d09020302%26dType%3dName%26lType%3dEnglish&fOrder=2*Row).

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

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Published and printed by: Statistical Office of the Republic of Serbia, 11 050 Belgrade, Milana Rakica 5

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Responsible: Dr Miladin Kovačević, Director

Circulation: 20 ● Issued annually