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**Forests felling in the Republic of Serbia, 2016**

###### Methodological notes

Report on forests felling regarding the state and private forests is provided in annual periodicity, on the basis of the data provided from the reporting units of the public enterprises “Srbijasume” and “Vojvodina sume”, as well as public enterprises of national parks. Additionally, data are obtained from the reporting organizations, dealing with forestry, regardless of the fact whether it is their main activity or not. This report presents the volume of the felled timber in and outside forests, expressed in cubic meters (m3). These data are shown by lumberjacks, forests type, felling type and sections of ownership.

Volume of the felled timber, by sections of ownership, refers to total gross felled timber volume in state and private forests and outside forests. Felling outside forests includes felling of separate trees or group of trees outside forests. Volume of the felled timber, presented by felling types, refers to the felling that was performed according to the previously permitted plan and the specified felling conditions. Depending on the permitted plan, felling can be regular and irregular, in the form of thinning and cleaning. Respective to the structural types of forests, felling can be performed in high forests (multi – aged and single - aged), coppices (offspring) and in other categories of forests. Felled timber volume, by forests type, refers to the felled timber volume presented by stands and types of trees, and depending on the mixture ratio and type of trees, felling can be performed in pure stands (broadleaved, conifers) and in mixed stands (broadleaved, conifers and broadleaved- conifers). Calculation of the felled timber volume is based on the accounting records.

Felling performers can be forest enterprises, wood manufacture enterprises, enterprises dealing with forestry, although it is not their main activity and owners of forests.

Depending on the quality, felled timber can be divided into three main categories: industrial and technical wood, fuel wood and refusal. Industrial and technical wood is the wood that is, due to its favourable physical and chemical features, intended for technical and industrial purpose. Fuel wood is used directly as fuel or for manufacturing of charcoal. Refusal presents the parts of trees which remain unused in the forest, when felling and forests assortments manufacture is finished.

1. Total gross felled timber volume in and outside forests 1)

m3

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Republic of Serbia | | | | | |
| Total | Beogradski region | Region Vojvodine | Region Šumadije i Zapadne Srbije | Region Južne i Istočne Srbije | Region Kosovo i Metohija |
|  |  |  |  |  |  |  |
| **2015** |  |  |  |  |  |  |
| **Felled** | **2953825** | **87070** | **700421** | **1136594** | **1029740** | **. . .** |
|  |  |  |  |  |  |  |
| **2016** |  |  |  |  |  |  |
| Index 2015=100 | 107 | 102 | 101 | 106 | 112 | . . . |
|  |  |  |  |  |  |  |
| **Felled** | **3159469** | **88725** | **705404** | **1207468** | **1157872** | **. . .** |
| In forests | 3128677 | 88593 | 699738 | 1196169 | 1144177 | . . . |
| Outside forests | 30792 | 132 | 5666 | 11299 | 13695 | . . . |
|  |  |  |  |  |  |  |
| **Broadleaved** | **2734305** | **87452** | **699403** | **857093** | **1090357** | **. . .** |
| In forests | 2710010 | 87320 | 699364 | 846562 | 1076764 | . . . |
| Outside forests | 24295 | 132 | 39 | 10531 | 13593 | . . . |
|  |  |  |  |  |  |  |
| **Conifers** | **425164** | **1273** | **6001** | **350375** | **67515** | **. . .** |
| In forests | 423920 | 1273 | 5627 | 349607 | 67413 | . . . |
| Outside forests | 1244 | - | 374 | 768 | 102 | . . . |

**2. Felling1), by types of forests, 2016**

m3

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Republic of Serbia | | | | | |
| Total | Beogradski region | Region Vojvodine | Region Šumadije i Zapadne Srbije | Region Južne i Istočne Srbije | Region Kosovo i Metohija |
|  |  |  |  |  |  |  |
| **Total** | **3134304** | **88593** | **705365** | **1196169** | **1144177** | **. . .** |
|  |  |  |  |  |  |  |
| **Pure stands of** | **2263087** | **73219** | **555868** | **723849** | **910151** | **. . .** |
| Broadleaved | 2040780 | 71964 | 550658 | 572180 | 845978 | . . . |
| Conifers | 222307 | 1255 | 5210 | 151669 | 64173 | . . . |
|  |  |  |  |  |  |  |
| **Mixed stands of** | **871217** | **15374** | **149497** | **472320** | **234026** | **. . .** |
| Broadleaved | 575455 | 15356 | 148706 | 181752 | 229641 | . . . |
| Conifers | 97382 | 18 | 791 | 93425 | 3148 | . . . |
| Broadleaved - conifers | 198380 | - | - | 197143 | 1237 | . . . |

3. Felling in and outside forests 1), by lumberjacks, 2016

m3

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Republic of Serbia | | | | | |
| Total | Beogradski region | Region Vojvodine | Region Šumadije i Zapadne Srbije | Region Južne i Istočne Srbije | Region Kosovo i Metohija |
|  |  |  |  |  |  |  |
| **Total** | **3159469** | **88725** | **705404** | **1207468** | **1157872** | **. . .** |
| Industrial and technical wood | 1233246 | 56027 | 385721 | 526385 | 265113 | . . . |
| Fuel wood | 1594761 | 24241 | 229851 | 556785 | 783884 | . . . |
| Refusal | 331462 | 8457 | 89832 | 124298 | 108875 | . . . |
|  |  |  |  |  |  |  |
| **Forest enterprises** | **1494097** | **1279** | **563162** | **560135** | **369521** | **. . .** |
| Industrial and technical wood | 765019 | 222 | 364807 | 275370 | 124620 | . . . |
| Fuel wood | 574444 | 973 | 133264 | 224575 | 215632 | . . . |
| Refusal | 154634 | 84 | 65901 | 60190 | 29269 | . . . |
|  |  |  |  |  |  |  |
| **Wood manufacture** | **338031** | **4** | **11012** | **129194** | **197821** | **. . .** |
| Industrial and technical wood | 170657 | - | 7264 | 92606 | 70787 | . . . |
| Fuel wood | 140856 | 4 | 3748 | 28210 | 108894 | . . . |
| Refusal | 26518 | - | - | 8378 | 18140 | . . . |
|  |  |  |  |  |  |  |
| **Other enterprises** | **232303** | **82270** | **78141** | **46697** | **25195** | **. . .** |
| Industrial and technical wood | 92893 | 54897 | 12749 | 16348 | 8899 | . . . |
| Fuel wood | 113563 | 19474 | 57661 | 22828 | 13600 | . . . |
| Refusal | 25847 | 7899 | 7731 | 7521 | 2696 | . . . |
|  |  |  |  |  |  |  |
| **Individuals (retail trade)** | **1095038** | **5172** | **53089** | **471442** | **565335** | **. . .** |
| Industrial and technical wood | 204677 | 908 | 901 | 142061 | 60807 | . . . |
| Fuel wood | 765898 | 3790 | 35178 | 281172 | 445758 | . . . |
| Refusal | 124463 | 474 | 17010 | 48209 | 58770 | . . . |

1) Included are state and private forests.

**4. Felling in and outside forests1), by ownership sections, 2016**

m3

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Republic of Serbia | | | | | |
| Total | Beogradski region | Region Vojvodine | Region Šumadije i Zapadne Srbije | Region Južne i Istočne Srbije | Region Kosovo i Metohija |
|  |  |  |  |  |  |  |
| **Total** | **3159469** | **88725** | **705404** | **1207468** | **1157872** | **. . .** |
|  |  |  |  |  |  |  |
| **State forests** | **2390912** | **85803** | **680438** | **867353** | **757318** | **. . .** |
| Broadleaved | 2026784 | 84530 | 674811 | 570448 | 696995 | . . . |
| Conifers | 364128 | 1273 | 5627 | 296905 | 60323 | . . . |
|  |  |  |  |  |  |  |
| **Private forests** | **768557** | **2922** | **24966** | **340115** | **400554** | **. . .** |
| Broadleaved | 707521 | 2922 | 24592 | 286645 | 393362 | . . . |
| Conifers | 61036 | - | 374 | 53470 | 7192 | . . . |

5. Felling in forests 1), by felling types and stands structure, 2016

m3

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Republic of Serbia | | | | | |
| Total | Beogradski region | Region Vojvodine | Region Šumadije i Zapadne Srbije | Region Južne i Istočne Srbije | Region Kosovo i Metohija |
|  |  |  |  |  |  |  |
| **Total** | **3134304** | **88593** | **705365** | **1196169** | **1144177** | **. . .** |
|  |  |  |  |  |  |  |
| **Felling type** |  |  |  |  |  |  |
| Regular and irregular felling | 2178582 | 74326 | 664243 | 712956 | 727057 | . . . |
| Thinning and cleanings | 1124115 | 14267 | 41122 | 483213 | 585513 | . . . |
|  |  |  |  |  |  |  |
| **Stands structure** |  |  |  |  |  |  |
| High forests | 2141597 | 69559 | 593294 | 884947 | 593797 | . . . |
| Multi – aged | 564100 | 548 | 5863 | 500686 | 57003 | . . . |
| Single – aged | 1577497 | 69011 | 587431 | 384261 | 536794 | . . . |
|  |  |  |  |  |  |  |
| Coppices (offspring) forests | 969230 | 19034 | 111779 | 302115 | 536302 | . . . |
| Other categories of forests | 23477 | - | 292 | 9107 | 14078 | . . . |

6. Felling in and outside forests 1), 2015–2016

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Republic of Serbia | | | | | |
| Total, thous. m3 | Beogradski region | Region Vojvodine | Region Šumadije i Zapadne Srbije | Region Južne i Istočne Srbije | Region Kosovo i Metohija |
|  |  |  |  |  |  |  |
| **2015** | **2954** | **87** | **700** | **1137** | **1030** | **. . .** |
| Share, % | 100 | 2,9 | 23,7 | 38,5 | 34,9 | . . . |
|  |  |  |  |  |  |  |
| **2016** | **3159** | **89** | **705** | **1207** | **1158** | **. . .** |
| Share, % | 100 | 2,8 | 22,3 | 38,2 | 36,7 | . . . |

Included are state and private forests.

###### Notes:

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).

Volume of works, related to felling timber in the Republic of Serbia in 2016, compared to the previous year, increased by 2% in Beogradski region and in Region Južne i Istočne Srbije, the increase amounted to 12%; in Region Šumadije i Zapadne Srbije, it increased by 6%, and in Region Vojvodine, the increase of 1% was recorded. Total felled timber volume in 2016 was about 3.1 million m3. The greatest part of it, about 1.6 million m3 (50 %) was used as fuel wood. Gross felled timber volume in state forests was about 2.4 million m3, while it amounted to about 769 000 m3 in private forests.

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