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Forestry statistics

SU20

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Forests felling, 2006 - Republic of Serbia -

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 enterprise "Srbijasume". Apart from this enterprise, data are also obtained from the reporting organizations, dealing with forestry, regardless of the fact whether it is their main activity or not. This report presents 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.

Felled timber, by sections of ownership, refers to total gross felled timber in state and private forests and outside forests. Felling outside forests includes felling of separate trees or group of trees outside forests. 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. Felling timber, by forests type, refers to the felled timber 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 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 private 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, due to its favorable physical and chemical features, is 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 in and outside forests ¹⁾
m³

| | Republic of Serbia | | |
|--------------------|--------------------|----------------|---------------|
| | Total | Central Serbia | Vojvodina |
| 2005 | | | |
| Felled | 2484491 | 1892368 | 592123 |
| 2006 | | | |
| Index 2005=100 | 105 | 104 | 108 |
| Felled | 2609662 | 1971500 | 638162 |
| In forests | 2584854 | 1946705 | 638149 |
| Outside forests | 24808 | 24795 | 13 |
| Broadleaved | 2392387 | 1762298 | 630089 |
| In forests | 2368063 | 1737987 | 630076 |
| Outside forests | 24324 | 24311 | 13 |
| Conifers | 217275 | 209202 | 8073 |
| In forests | 216791 | 208718 | 8073 |
| Outside forests | 484 | 484 | - |

¹⁾ Included are state and private forests.

2 Felling in and outside forests ¹⁾, by lumberjacks, 2006
m³

| | Republic of Serbia | | |
|-----------------------------------|--------------------|----------------|---------------|
| | Total | Central Serbia | Vojvodina |
| Total | 2609662 | 1971500 | 638162 |
| Industrial and technical wood | 951350 | 593114 | 358236 |
| Fuel wood | 1414693 | 1198189 | 216504 |
| Refusal | 243619 | 180197 | 63422 |
| Forest enterprises | 1126518 | 731542 | 394976 |
| Industrial and technical wood | 559846 | 306903 | 252943 |
| Fuel wood | 468073 | 357516 | 110557 |
| Refusal | 98599 | 67123 | 31476 |
| Wood manufacture | 162283 | 151144 | 11139 |
| Industrial and technical wood | 91194 | 83456 | 7738 |
| Fuel wood | 57402 | 54404 | 2998 |
| Refusal | 13687 | 13284 | 403 |
| Other enterprises | 284627 | 97300 | 187327 |
| Industrial and technical wood | 153893 | 57200 | 96693 |
| Fuel wood | 101401 | 31234 | 70167 |
| Refusal | 29333 | 8866 | 20467 |
| Individuals (retail trade) | 1036234 | 991514 | 44720 |
| Industrial and technical wood | 146417 | 145555 | 862 |
| Fuel wood | 787817 | 755035 | 32782 |
| Refusal | 102000 | 90924 | 11076 |

3 Felling in forests ¹⁾, by types of forests, 2006m³

| | Republic of Serbia | | |
|---|--------------------|----------------|---------------|
| | Total | Central Serbia | Vojvodina |
| Total | 2584854 | 1946705 | 638149 |
| Pure stands of | 1973610 | 1465023 | 508587 |
| Broadleaved | 1886210 | 1385696 | 500514 |
| Beech | 1008875 | 1008875 | - |
| Oak (all kinds) | 249422 | 242943 | 6479 |
| Other hard – wood | 136839 | 60789 | 76050 |
| Poplar | 419872 | 68659 | 351213 |
| Other soft – wood | 71202 | 4430 | 66772 |
| Conifers | 87400 | 79327 | 8073 |
| Spruce | 32781 | 32781 | - |
| Fir | 5005 | 5005 | - |
| Black pine | 44189 | 36716 | 7473 |
| Scots pine | 2771 | 2520 | 251 |
| Other conifers | 2654 | 2305 | 349 |
| Mixed stands of | 611244 | 481682 | 129562 |
| Broadleaved | 419388 | 289826 | 129562 |
| Beech - Oak – other broadleaved | 162124 | 147921 | 14203 |
| Beech | 93948 | 93948 | - |
| Oak | 40961 | 38504 | 2457 |
| Other broadleaved | 27215 | 15469 | 11746 |
| Beech- other broadleaved | 95006 | 55666 | 39340 |
| Beech | 56626 | 38086 | 18540 |
| Other broadleaved | 38380 | 17580 | 20800 |
| Oak - other broadleaved | 132700 | 64307 | 68393 |
| Oak | 53406 | 38605 | 14801 |
| Other broadleaved | 79294 | 25702 | 53592 |
| Other stands of broadleaved | 29558 | 21932 | 7626 |
| Conifers | 49969 | 49969 | - |
| Spruce – fir | 39874 | 39874 | - |
| Spruce | 21660 | 21660 | - |
| Fir | 18214 | 18214 | - |
| Black pine – scots pine | 5082 | 5082 | - |
| Black pine | 4192 | 4192 | - |
| Scots pine | 890 | 890 | - |
| Other stands of conifers | 5013 | 5013 | - |
| Broadleaved – conifers | 141887 | 141887 | - |
| Beech - fir – spruce | 137781 | 137781 | - |
| Beech | 60652 | 60652 | - |
| Spruce | 27124 | 27124 | - |
| Fir | 50005 | 50005 | - |
| Black pine – scots pine – oak | 1544 | 1544 | - |
| Black pine | 1209 | 1209 | - |
| Scots pine | - | - | - |
| Oak | 335 | 335 | - |
| Other stands of broadleaved and conifers | 2562 | 2562 | - |
| Broadleaved | 1637 | 1637 | - |
| Conifers | 925 | 925 | - |

4 Felling in forests ¹⁾, by felling types and stands structure, 2006

m³

| | Republic of Serbia | | |
|-------------------------------|--------------------|----------------|---------------|
| | Total | Central Serbia | Vojvodina |
| Total | 2584854 | 1946705 | 638149 |
| Felling type | | | |
| Regular and irregular felling | 1283022 | 676501 | 606521 |
| Thinning and cleanings | 1301832 | 1270204 | 31628 |
| Stands structure | | | |
| High forests | 1767388 | 1243916 | 523472 |
| Multi – aged | 532879 | 532012 | 867 |
| Single – aged | 1234509 | 711904 | 522605 |
| Coppices (offspring) forests | 804372 | 698490 | 105882 |
| Other categories of forests | 13094 | 4299 | 8795 |

¹⁾ Included are state and private forests.

5 Felling in and outside forests ¹⁾, by ownership sections, 2006

m³

| | Republic of Serbia | | |
|------------------------|--------------------|----------------|---------------|
| | Total | Central Serbia | Vojvodina |
| Total | 2609662 | 1971500 | 638162 |
| State forests | 1924611 | 1299141 | 625470 |
| Broadleaved | 1755198 | 1137801 | 617397 |
| Conifers | 169413 | 161340 | 8073 |
| Private forests | 685051 | 672359 | 12692 |
| Broadleaved | 637189 | 624497 | 12692 |
| Conifers | 47862 | 47862 | - |

¹⁾ Included are state and private forests.

6. Felling in and outside forests ¹⁾, 2004-2006

| | 2004 | | 2005 | | 2006 | | Index 2006 2005 |
|---------------------------|---------------------------------|--------------|---------------------------------|--------------|---------------------------------|--------------|-----------------------|
| | Total, thous. m ³ | In % | Total, thous. m ³ | In % | Total, thous. m ³ | In % | |
| Republic of Serbia | 2719 | 100,0 | 2484 | 100,0 | 2609 | 100,0 | 105 |
| Central Serbia | 2020 | 74,3 | 1892 | 76,2 | 1971 | 75,5 | 104 |
| Vojvodina | 699 | 25,7 | 592 | 23,8 | 638 | 24,5 | 108 |

¹⁾ Included are state and private forests.

Notes:

Total data refer to the Republic of Serbia and do not include data on Kosovo and Metohia. Volume of works, related to felling timber in the Republic of Serbia in 2006, compared to the previous year, increased by 4 % in Central Serbia and by 8 % in Vojvodina. Total felled timber in 2006 was about 2.6 million m³. The greatest part of it, about 1.4 million m³ (54 %) was used as fuel wood. Gross felled timber in state forests was about 1.9 million m³, while it amounted to 685 thousand m³ in private forests.

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