

# COMMUNICATION

Number 123 • Year LIX, 08/05/2009

Forestry statistics

SU20

SERB 123 SU20 080509

---

## Forests felling, 2008 - 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 (m<sup>3</sup>). 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 <sup>1)</sup>**
**m<sup>3</sup>**

	Republic of Serbia		
	Total	Central Serbia	Vojvodina
<b>2007</b>			
<b>Felled</b>	<b>2246508</b>	<b>1812538</b>	<b>433970</b>
<b>2008</b>			
Index 2007=100	116	114	127
<b>Felled</b>	<b>2609494</b>	<b>2058743</b>	<b>550751</b>
In forests	2577731	2027088	550643
Outside forests	31763	31655	108
<b>Broadleaved</b>	<b>2286953</b>	<b>1764697</b>	<b>522256</b>
In forests	2255880	1733732	522148
Outside forests	31073	30965	108
<b>Conifers</b>	<b>322541</b>	<b>294046</b>	<b>28495</b>
In forests	321851	293356	28495
Outside forests	690	690	-

<sup>1)</sup> Included are state and private forests.

**2 Felling in and outside forests <sup>1)</sup>, by lumberjacks, 2008**
**m<sup>3</sup>**

	Republic of Serbia		
	Total	Central Serbia	Vojvodina
<b>Total</b>	<b>2609494</b>	<b>2058743</b>	<b>550751</b>
Industrial and technical wood	976963	650671	326292
Fuel wood	1347204	1180281	166923
Refusal	285327	227791	57536
<b>Forest enterprises</b>	<b>1253299</b>	<b>784346</b>	<b>468953</b>
Industrial and technical wood	636725	351295	285430
Fuel wood	479713	341231	138482
Refusal	136681	91820	45041
<b>Wood manufacture</b>	<b>94330</b>	<b>76417</b>	<b>17913</b>
Industrial and technical wood	59143	46980	12163
Fuel wood	25359	22829	2530
Refusal	9828	6608	3220
<b>Other enterprises</b>	<b>195949</b>	<b>152073</b>	<b>43876</b>
Industrial and technical wood	89192	61577	27615
Fuel wood	84210	70970	13240
Refusal	22547	19526	3021
<b>Individuals (retail trade)</b>	<b>1065916</b>	<b>1045907</b>	<b>20009</b>
Industrial and technical wood	191903	190819	1084
Fuel wood	757922	745251	12671
Refusal	116091	109837	6254

3 Felling in forests <sup>1)</sup>, by types of forests, 2008m<sup>3</sup>

	Republic of Serbia		
	Total	Central Serbia	Vojvodina
<b>Total</b>	<b>2577731</b>	<b>2027088</b>	<b>550643</b>
<b>Pure stands of</b>	<b>1918429</b>	<b>1513738</b>	<b>404691</b>
<b>Broadleaved</b>	<b>1763799</b>	<b>1366922</b>	<b>396877</b>
Beech	951793	951793	-
Oak (all kinds)	253614	228370	25244
Other hard – wood	206441	106382	100059
Poplar	322921	72528	250393
Other soft – wood	29030	7849	21181
<b>Conifers</b>	<b>154630</b>	<b>146816</b>	<b>7814</b>
Spruce	55656	55656	-
Fir	5497	5497	-
Black pine	77157	72641	4516
Scots pine	12436	9696	2740
Other conifers	3884	3326	558
<b>Mixed stands of</b>	<b>659302</b>	<b>513350</b>	<b>145952</b>
<b>Broadleaved</b>	<b>397915</b>	<b>276226</b>	<b>121689</b>
<b>Beech - oak – other broadleaved</b>	<b>185353</b>	<b>142989</b>	<b>42364</b>
Beech	78126	78126	-
Oak	49447	37613	11834
Other broadleaved	57780	27250	30530
<b>Beech- other broadleaved</b>	<b>69492</b>	<b>69492</b>	<b>-</b>
Beech	53576	53576	-
Other broadleaved	15916	15916	-
<b>Oak - other broadleaved</b>	<b>129101</b>	<b>52008</b>	<b>77093</b>
Oak	41915	33187	8728
Other broadleaved	87186	18821	68365
<b>Other stands of broadleaved</b>	<b>13969</b>	<b>11737</b>	<b>2232</b>
<b>Conifers</b>	<b>58949</b>	<b>55261</b>	<b>3688</b>
<b>Spruce – fir</b>	<b>39609</b>	<b>39609</b>	<b>-</b>
Spruce	22973	22973	-
Fir	16636	16636	-
<b>Black pine – Scots pine</b>	<b>10497</b>	<b>6809</b>	<b>3688</b>
Black pine	7142	5014	2128
Scots pine	3355	1795	1560
<b>Other stands of conifers</b>	<b>8843</b>	<b>8843</b>	<b>-</b>
<b>Broadleaved – conifers</b>	<b>202438</b>	<b>181863</b>	<b>20575</b>
<b>Beech - fir – spruce</b>	<b>169367</b>	<b>169367</b>	<b>-</b>
Beech	83996	83996	-
Spruce	30297	30297	-
Fir	55074	55074	-
<b>Black pine – Scots pine – oak</b>	<b>4238</b>	<b>4238</b>	<b>-</b>
Black pine	1998	1998	-
Scots pine	46	46	-
Oak	2194	2194	-
<b>Other stands of broadleaved and conifers</b>	<b>28833</b>	<b>8258</b>	<b>20575</b>
Broadleaved	7976	4394	3582
Conifers	20857	3864	16993

#### 4 Felling in forests <sup>1)</sup>, by felling types and stands structure, 2008

m<sup>3</sup>

	Republic of Serbia		
	Total	Central Serbia	Vojvodina
<b>Total</b>	<b>2577731</b>	<b>2027088</b>	<b>550643</b>
<b>Felling type</b>			
Regular and irregular felling	<b>1610955</b>	<b>1086099</b>	<b>524856</b>
Thinning and cleanings	966776	940989	25787
<b>Stands structure</b>			
High forests	1729184	1271959	457225
Multi – aged	553063	546625	6438
Single – aged	1176121	725334	450787
Coppices (offspring) forests	831863	739814	92049
Other categories of forests	16684	15315	1369

<sup>1)</sup> Included are state and private forests.

#### 5 Felling in and outside forests <sup>1)</sup>, by ownership sections, 2008

m<sup>3</sup>

	Republic of Serbia		
	Total	Central Serbia	Vojvodina
<b>Total</b>	<b>2609494</b>	<b>2058743</b>	<b>550751</b>
<b>State forests</b>	<b>1913086</b>	<b>1367775</b>	<b>545311</b>
Broadleaved	1648418	1131550	516868
Conifers	264668	236225	28443
<b>Private forests</b>	<b>696408</b>	<b>690968</b>	<b>5440</b>
Broadleaved	638535	633147	5388
Conifers	57873	57821	52

<sup>1)</sup> Included are state and private forests.

#### 6. Felling in and outside forests <sup>1)</sup>, 2006-2008

	2006		2007		2008		Index 2008 2007
	Total, thous. m <sup>3</sup>	In %	Total, thous. m <sup>3</sup>	In %	Total, thous. m <sup>3</sup>	In %	
<b>Republic of Serbia</b>	<b>2609</b>	<b>100,0</b>	<b>2247</b>	<b>100,0</b>	<b>2609</b>	<b>100,0</b>	<b>116</b>
Central Serbia	1971	75,5	1813	80,7	2058	78,9	114
Vojvodina	638	24,5	434	19,3	551	21,1	127

<sup>1)</sup> Included are state and private forests.

#### Notes:

Total data refer to the Republic of Serbia and do not include data on AP of Kosovo and Metohia. Volume of works, related to felling timber in the Republic of Serbia in 2008, compared to the previous year, increased by 14 % in Central Serbia and by 27 % in Vojvodina (for the publishing purposes without AP entry). Total felled timber in 2008 was about 2.6 million m<sup>3</sup>. The greatest part of it, about 1.3 million m<sup>3</sup> (52 %) was used as fuel wood. Gross felled timber in state forests was about 1.9 million m<sup>3</sup>, while it amounted to 696 thousand m<sup>3</sup> in private forests.

Published and printed by: Statistical Office of the Republic of Serbia, Milana Rakica 5, Belgrade  
 Phone: 2412-922 • Fax: 2411- 260 • www.stat.gov.rs  
 Responsible: Dragan Vukmirovic, PhD, Director  
 Circulation: 20 • Issued annually