

# COMMUNICATION

Number 135 • Year LX, 20/05/2010

Forestry statistics

SU20

SERB 135 SU20 200510

## Forests felling, 2009 - 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 favourable 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>2008</b>			
<b>Felled</b>	<b>2609494</b>	<b>2058743</b>	<b>550751</b>
<b>2009</b>			
Index 2008=100	100	96	114
<b>Felled</b>	<b>2603463</b>	<b>1974525</b>	<b>628938</b>
In forests	2573802	1944910	628892
Outside forests	29661	29615	46
<b>Broadleaved</b>	<b>2341707</b>	<b>1728861</b>	<b>612846</b>
In forests	2312827	1700027	612800
Outside forests	28880	28834	46
<b>Conifers</b>	<b>261756</b>	<b>245664</b>	<b>16092</b>
In forests	260975	244883	16092
Outside forests	781	781	-

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

**2 Felling in and outside forests <sup>1)</sup>, by lumberjacks, 2009**
**m<sup>3</sup>**

	Republic of Serbia		
	Total	Central Serbia	Vojvodina
<b>Total</b>	<b>2603463</b>	<b>1974525</b>	<b>628938</b>
Industrial and technical wood	935190	580067	355123
Fuel wood	1365021	1164947	200074
Refusal	303252	229511	73741
<b>Forest enterprises</b>	<b>1313145</b>	<b>821745</b>	<b>491400</b>
Industrial and technical wood	651291	346846	304445
Fuel wood	508446	379827	128619
Refusal	153408	95072	58336
<b>Wood manufacture</b>	<b>96973</b>	<b>96916</b>	<b>57</b>
Industrial and technical wood	59058	59001	57
Fuel wood	29763	29763	-
Refusal	8152	8152	-
<b>Other enterprises</b>	<b>206370</b>	<b>105729</b>	<b>100641</b>
Industrial and technical wood	97165	47996	49169
Fuel wood	88064	45816	42248
Refusal	21141	11917	9224
<b>Individuals (retail trade)</b>	<b>986975</b>	<b>950135</b>	<b>36840</b>
Industrial and technical wood	127676	126224	1452
Fuel wood	738748	709541	29207
Refusal	120551	114370	6181

3 Felling in forests <sup>1)</sup>, by types of forests, 2009m<sup>3</sup>

	Republic of Serbia		
	Total	Central Serbia	Vojvodina
<b>Total</b>	<b>2573802</b>	<b>1944910</b>	<b>628892</b>
<b>Pure stands of</b>	<b>1939474</b>	<b>1418179</b>	<b>521295</b>
<b>Broadleaved</b>	<b>1821840</b>	<b>1308002</b>	<b>513838</b>
Beech	954907	953801	1106
Oak (all kinds)	233610	210916	22694
Other hard – wood	163684	81821	81863
Poplar	404820	55856	348964
Other soft – wood	64819	5608	59211
<b>Conifers</b>	<b>117634</b>	<b>110177</b>	<b>7457</b>
Spruce	36488	36488	-
Fir	5564	5564	-
Black pine	67833	63235	4598
Scots pine	4684	2121	2563
Other conifers	3065	2769	296
<b>Mixed stands of</b>	<b>634328</b>	<b>526731</b>	<b>107597</b>
<b>Broadleaved</b>	<b>444725</b>	<b>340557</b>	<b>104168</b>
<b>Beech - oak – other broadleaved</b>	<b>218905</b>	<b>184501</b>	<b>34404</b>
Beech	117034	117034	-
Oak	50565	41291	9274
Other broadleaved	51306	26176	25130
<b>Beech- other broadleaved</b>	<b>71602</b>	<b>71602</b>	-
Beech	59276	59276	-
Other broadleaved	12326	12326	-
<b>Oak - other broadleaved</b>	<b>136686</b>	<b>75828</b>	<b>60858</b>
Oak	66816	53873	12943
Other broadleaved	69870	21955	47915
<b>Other stands of broadleaved</b>	<b>17532</b>	<b>8626</b>	<b>8906</b>
<b>Conifers</b>	<b>62382</b>	<b>59275</b>	<b>3107</b>
<b>Spruce – fir</b>	<b>49066</b>	<b>49066</b>	-
Spruce	22766	22766	-
Fir	26300	26300	-
<b>Black pine – Scots pine</b>	<b>7365</b>	<b>4258</b>	<b>3107</b>
Black pine	3248	2762	486
Scots pine	4117	1496	2621
<b>Other stands of conifers</b>	<b>5951</b>	<b>5951</b>	-
<b>Broadleaved – conifers</b>	<b>127221</b>	<b>126899</b>	<b>322</b>
<b>Beech - fir – spruce</b>	<b>123929</b>	<b>123929</b>	-
Beech	50943	50943	-
Spruce	28760	28760	-
Fir	44226	44226	-
<b>Black pine – Scots pine – oak</b>	<b>2583</b>	<b>2583</b>	-
Black pine	994	994	-
Scots pine	1252	1252	-
Oak	337	337	-
<b>Other stands of broadleaved and conifers</b>	<b>709</b>	<b>387</b>	<b>322</b>
Broadleaved	369	188	181
Conifers	340	199	141

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

#### 4 Felling in forests <sup>1)</sup>, by felling types and stands structure, 2009

m<sup>3</sup>

	Republic of Serbia		
	Total	Central Serbia	Vojvodina
<b>Total</b>	<b>2573802</b>	<b>1944910</b>	<b>628892</b>
<b>Felling type</b>			
Regular and irregular felling	1620798	1013693	607105
Thinning and cleanings	973277	931217	42060
<b>Stands structure</b>			
High forests	1796017	1279311	516706
Multi – aged	575388	575388	-
Single – aged	1220629	703923	516706
Coppices (offspring) forests	774237	662051	112186
Other categories of forests	3548	3548	-

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

#### 5 Felling in and outside forests <sup>1)</sup>, by ownership sections, 2009

m<sup>3</sup>

	Republic of Serbia		
	Total	Central Serbia	Vojvodina
<b>Total</b>	<b>2603463</b>	<b>1974525</b>	<b>628938</b>
<b>State forests</b>	<b>1978745</b>	<b>1355194</b>	<b>623551</b>
Broadleaved	1763282	1150436	612846
Conifers	215463	204758	10705
<b>Private forests</b>	<b>624718</b>	<b>619331</b>	<b>5387</b>
Broadleaved	583812	578425	5387
Conifers	40906	40906	-

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

#### 6. Felling in and outside forests <sup>1)</sup>, 2007-2009

	2007		2008		2009		Index $\frac{2008}{2007}$
	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>2247</b>	<b>100,0</b>	<b>2609</b>	<b>100,0</b>	<b>2603</b>	<b>100,0</b>	<b>116</b>
Central Serbia	1813	80,7	2058	78,9	1974	75,8	96
Vojvodina	434	19,3	551	21,1	629	24,2	114

<sup>1)</sup>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 Metohia 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 2009, compared to the previous year, decreased by 4 % in Central Serbia and increased by 14 % in AP Vojvodina. Total felled timber in 2009 was about 2.6 million m<sup>3</sup>. The greatest part of it, about 1.4 million m<sup>3</sup> (52 %) was used as fuel wood. Gross felled timber in state forests was about 2.0 million m<sup>3</sup>, while it amounted to 625 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