

COMMUNICATION

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Forestry statistics

SU30

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Forests growing and silviculture, 2008 - Republic of Serbia -

Methodological notes

The report on forests growing and silviculture, including both state and private forests, is issued annually and is based on the data provided by the reporting units of the public enterprise "Srbijasume". Apart from this enterprise, data are also obtained from the working organizations dealing with forestry, regardless of the fact whether it is their main activity or not. This communication presents the data on the performed works referring to artificial afforestation, to tending and land reclamation of high forests, offspring forests and other categories of forests, as well as the data related to plantation growing and intensive planting.

Data on artificial afforestation relate to forests' areas (old and recent felling grounds, bare ground) and to areas outside forests (rocky soils, bare grounds, quick sand, eroded and agricultural land). Data on tending and land reclamation of high, offspring and other categories of forests present the works performed in the mentioned forests during a single calendar year. Such works refer to tending of new growth, cleaning, thinning, forests enrichment (conifers and broadleaved), preparation and ground tending, conversion, reconstruction, substitution, resurrection and repair planting. Cleaning presents the measure of removing all the trees that should not remain in the forest, due to any reason, excluding the trees that request further process of thinning. Thinning presents the most important measure for forests tending and its aim is to ensure the development of the best quality trees, in biological and technical sense. Forests enrichment means introducing of conifers and high – quality broadleaved into existing forests, in order to enrich them, i.e. to increase their economic value. Preparation and ground tending refer to works on draining, irrigation, preparation for natural afforestation of stands and similar. Conversion presents converting coppices into high forests, meaning forests transformation from lower to upper growing type. Reconstruction is a reclamation measure: the specified area is cleaned by pure feeling, followed by afforestation of such area. Substitution is a reclamation measure, which also means that specified area is cleaned by pure feeling, but in this case, the process is followed by afforestation, using the same species of trees as the cut ones. Resurrection is a measure by which scrubs are converted into coppices, being cut into stumps. Repair planting refers to filling of some small – sized empty areas, primarily in degraded forests and scrubs, by the trees species that prevail over that stand.

Data on plantation growing and intensive planting refer to forests with selected plants, which tending period is not long and which have intensive increase. Data on safety areas are also included, and such areas are plantations whose main function is protective (protection from wind, floods and drought). Included are only the areas where the selected planting seeds of quick growth have been used. These data exclude treelike paths beside roads, canals, on the boundaries, as well as small groups of trees on the agricultural land.

1. Artificial afforestation – without plantations and intensive planting¹⁾

ha

	Afforested area									
	Total	In forests			Outside forests					
		All	Felling grounds	Clearings	all	Rocky soils and bare grounds	Quick sand	Eroded land	Agri-cultural land	Other land
2007	10475	1128	843	285	9347	556	3	52	8510	226
2008	3320	2446	1870	576	874	314	8	13	285	254
Index 2007 = 100	32	217	222	202	9	56	267	25	3	112
Republic of Serbia	3320	2446	1870	576	874	314	8	13	285	254
Central Serbia	1639	848	496	352	791	314	-	6	239	232
Vojvodina	1681	1598	1374	224	83	-	8	7	46	22

¹⁾ State and private forests are included.

2. Artificial afforestation, by trees species, 2008

ha

	Republic of Serbia						
	Afforested area						
	Total	In private ownership forests			In state ownership forests		
		All	Central Serbia	Vojvodina	All	Central Serbia	Vojvodina
Total	3320	667	667	-	2653	972	1681
Conifers	1356	553	553	-	803	788	15
Spruce	894	456	456	-	438	438	-
Fir	18	13	13	-	5	5	-
Black pine	281	37	37	-	244	241	3
Scots pine	155	46	46	-	109	97	12
Weymouth fir	-	-	-	-	-	-	-
Douglas fir	8	1	1	-	7	7	-
Larch	-	-	-	-	-	-	-
Other conifers	-	-	-	-	-	-	-
Broadleaved	1964	114	114	-	1850	184	1666
Beech	1	-	-	-	1	1	-
Oak (all kinds)	407	1	1	-	406	65	341
Acacia	152	87	87	-	65	31	34
Other hardwood	236	11	11	-	225	72	153
Poplar	1102	15	15	-	1087	9	1078
Other softwood	66	-	-	-	66	6	60

3. Artificial afforestation indices, 2004 - 2008

2003 = 100

Year	Republic of Serbia		
	Total	Central Serbia	Vojvodina
2004	80	92	70
2005	75	99	56
2006	131	102	153
2007	286	95	437
2008	91	102	82

4. Plantations and protective areas growing¹⁾

ha

	Republic of Serbia		
	Total	Central Serbia	Vojvodina
2007	7365	431	6934
2008	8014	330	7684
Index 2007 = 100	109	77	111
Plantations	8014	330	7684
With agricultural species	348	54	294
Poplars	298	54	244
Lombardy	159	33	126
Euro – American	78	21	57
Domestic	61	-	61
Other broadleaved	5	-	5
Other conifers	45	-	45
Without agricultural species	7666	276	7390
Poplars	7554	276	7278
Lombardy	6709	40	6669
Euro – American	839	236	603
Domestic	2	-	2
Aspen	4	-	4
Willow trees	24	-	24
Other broadleaved	35	-	35
Douglas fir	-	-	-
Other conifers	53	-	53
Protective areas	-	-	-
With agricultural species	-	-	-
Poplars	-	-	-
Lombardy	-	-	-
Euro – American	-	-	-
Domestic	-	-	-
Other broadleaved	-	-	-
Other conifers	-	-	-
Without agricultural species	-	-	-
Poplars	-	-	-
Lombardy	-	-	-
Euro – American	-	-	-
Domestic	-	-	-
Willow trees	-	-	-
Douglas fir	-	-	-
Other broadleaved	-	-	-
Other conifers	-	-	-

¹⁾ State and private forests are included.

5. Tending and land reclamation of forests, 2008

ha

	Total	In private ownership forests			In state ownership forests		
		All	Central Serbia	Vojvodina	All	Central Serbia	Vojvodina
High forests tending							
Tending of new growth	3467	82	82	-	3385	722	2663
Cleaning	2153	541	541	-	1612	1371	241
Thinning	31480	14913	14913	-	16567	15623	944
Forests enrichment	197	-	-	-	197	197	-
Conifers	6	-	-	-	6	6	-
Broadleaved	191	-	-	-	191	191	-
Preparation and ground tending	864	-	-	-	864	92	772
Conversion	137	-	-	-	137	137	-
Substitution	37	-	-	-	37	-	37
Reconstruction	398	-	-	-	398	296	102
Coppices tending							
Tending of new growth	33	-	-	-	33	33	-
Cleaning	306	127	127	-	179	103	76
Thinning	25717	15989	15989	-	9728	8266	1462
Forests enrichment	-	-	-	-	-	-	-
Conifers	-	-	-	-	-	-	-
Broadleaved	-	-	-	-	-	-	-
Preparation and ground tending	17	-	-	-	17	14	3
Conversion	603	361	361	-	242	232	10
Substitution	4	-	-	-	4	4	-
Reconstruction	249	77	77	-	172	110	62
Land reclamation of other categories of forests							
Tending of new growth	267	-	-	-	267	-	267
Cleaning	8	-	-	-	8	8	-
Thinning	623	-	-	-	623	391	232
Forests enrichment	16	16	16	-	-	-	-
Conifers	16	16	16	-	-	-	-
Broadleaved	-	-	-	-	-	-	-
Conversion	57	14	14	-	43	-	43
Substitution	12	-	-	-	12	-	12
Resurrection	5	5	5	-	-	-	-
Planting repair	-	-	-	-	-	-	-

Notes:

Total data refer to the Republic of Serbia and do not include data on AP of Kosovo and Metohia. Afforestation works volume in 2008 has by 68% decreased, in relation to the previous year. Works, referring to plantation and protective areas growing, in 2008, when compared to 2007, have increased by 9%. In Central Serbia, these works included the greatly smaller area: 431 ha in 2007 and 330 ha in 2008. In Vojvodina (for the publishing purposes without AP entry), this increase amounted to 11%.

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