

COMMUNICATION

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Forestry statistics

SU30

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Forests growing and silviculture, 2007 - 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 reporting 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
2006	4783	2188	1785	403	2595	371	11	635	1227	351
2007	10475	1128	843	285	9347	556	3	52	8510	226
Index 2006 = 100	219	52	47	71	360	150	27	8	694	64
Republic of Serbia	10475	1128	843	285	9347	556	3	52	8510	226
Central Serbia	1527	455	298	157	1072	556	3	50	237	226
Vojvodina	8948	673	545	128	8275	-	-	2	8273	-

¹⁾ State and private forests are included.

2. Artificial afforestation, by trees species, 2007

ha

	Republic of Serbia						
	Afforested area						
	Total	In private ownership forests			In state ownership forests		
		All	Central Serbia	Vojvodina	All	Central Serbia	Vojvodina
Total	10475	591	591	-	9884	936	8948
Conifers	1283	477	477	-	806	804	2
Spruce	918	393	393	-	525	525	-
Fir	1	-	-	-	1	1	-
Black pine	219	33	33	-	186	185	1
Scots pine	107	47	47	-	60	59	1
Weymouth fir	-	-	-	-	-	-	-
Douglas fir	34	4	4	-	30	30	-
Larch	-	-	-	-	-	-	-
Other conifers	4	-	-	-	4	4	-
Broadleaved	9192	114	114	-	9078	132	8946
Beech	2	1	1	-	1	1	-
Oak (all kinds)	886	5	5	-	881	25	856
Acacia	2881	92	92	-	2789	40	2749
Other hardwood	1582	5	5	-	1577	53	1524
Poplar	3273	11	11	-	3262	12	3250
Other softwood	568	-	-	-	568	1	567

3. Artificial afforestation indices, 2003 - 2007

2002 = 100

Year	Republic of Serbia		
	Total	Central Serbia	Vojvodina
2003	133	158	119
2004	106	145	83
2005	100	155	67
2006	174	161	182
2007	381	149	519

4. Plantations and protective areas growing¹⁾

ha

	Republic of Serbia		
	Total	Central Serbia	Vojvodina
2006	1577	335	1242
2007	7365	431	8934
Index 2006 = 100	467	128	719
Plantations	7363	431	6932
With agricultural species	71	57	14
Poplars	71	57	14
Lombardy	18	18	-
Euro – American	53	39	14
Domestic	-	-	-
Other broadleaved	-	-	-
Other conifers	-	-	-
Without agricultural species	7292	374	6918
Poplars	7267	374	6893
Lombardy	6518	7	6511
Euro – American	680	364	316
Domestic	69	3	66
Willow trees	23	-	23
Other broadleaved	2	-	2
Douglas fir	-	-	-
Other conifers	-	-	-
Protective areas	2	-	2
With agricultural species	2	-	2
Poplars	-	-	-
Lombardy	-	-	-
Euro – American	-	-	-
Domestic	-	-	-
Other broadleaved	2	-	2
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, 2007

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	2104	261	261	-	1843	582	1261
Cleaning	2384	302	302	-	2082	2069	13
Thinning	25761	5095	5095	-	20666	14896	5770
Forests enrichment	39	4	4	-	35	35	-
Conifers	35	-	-	-	35	35	-
Broadleaved	4	4	4	-	-	-	-
Preparation and ground tending	183	-	-	-	183	111	72
Conversion	14	1	1	-	13	13	-
Substitution	-	-	-	-	-	-	-
Reconstruction	261	127	127	-	134	111	23
Coppices tending							
Tending of new growth	135	135	135	-	-	-	-
Cleaning	335	135	135	-	200	48	152
Thinning	19301	10350	10350	-	8951	7610	1341
Forests enrichment	-	-	-	-	-	-	-
Conifers	-	-	-	-	-	-	-
Broadleaved	-	-	-	-	-	-	-
Preparation and ground tending	90	-	-	-	90	2	88
Conversion	482	237	237	-	245	245	-
Substitution	10	-	-	-	10	10	-
Reconstruction	49	30	30	-	19	19	-
Land reclamation of other categories of forests							
Tending of new growth	689	-	-	-	689	29	660
Cleaning	62	-	-	-	62	47	15
Thinning	146	-	-	-	146	28	118
Forests enrichment	16	16	16	-	-	-	-
Conifers	16	16	16	-	-	-	-
Broadleaved	-	-	-	-	-	-	-
Conversion	1	1	1	-	-	-	-
Substitution	12	2	2	-	10	10	-
Resurrection	41	29	29	-	12	9	3
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 2007 has by 119% increased, in relation to the previous year. Works, referring to plantation and protective areas growing, in 2007, when compared to 2006, have increased by 367%. In Central Serbia, these works included the greatly smaller area: 335 ha in 2006 and 431 ha in 2007. In Vojvodina (for the publishing purposes without AP entry), this increase amounted to 619%.

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