

STATISTICAL RELEASE

SU30

Number 133 - year LXII, 24.05.2012

Forestry statistics

SERB133 SU30 240512

Forests growing and silviculture, 2011 - 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" and "Vojvodina sume", as well as public enterprises of national parks. 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 tree-like 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	Agricultural land	Other land
2010	2204	1355	1121	234	849	154	-	4	393	298
2011	2821	1834	1307	527	987	187	-	18	312	470
Index 2010 =100	128	135	117	225	116	121	-	450	79	158
Republic of Serbia	2821	1834	1307	527	987	187	-	18	312	470
Region of Belgrade	38	38	11	27	-	-	-	-	-	-
Region of Vojvodina	1333	1224	898	326	109	-	-	-	30	79
Region of Sumadija and West Serbia	848	317	205	112	531	125	-	18	282	106
Region of South and East Serbia	602	255	193	62	347	62	-	-	-	285
Region of Kosovo and Metohia	...	...	...	...	...	...	...	...	...	...

¹⁾Included are state and private forests.

2. Plantations and protective areas growing¹⁾

	Republic of Serbia					
	Total	Region of Belgrade	Region of Vojvodina	Region of Sumadija and West Serbia	Region of South and East Serbia	Region of Kosovo and Metohia
2010	5239	71	5079	23	66	...
2011	6547	199	6263	33	52	...
Index 2010 = 100	125	280	123	143	79	...
Plantations	6547	199	6263	33	52	...
With agricultural species	579	-	542	-	37	...
Without agricultural species	5968	199	5721	33	15	...
Protective areas	17	-	17	-	-	...
With agricultural species	17	-	17	-	-	...
Without agricultural species	-	-	-	-	-	...

¹⁾Included are state and private forests.

3. Artificial afforestation indices, 2009–2010

2009=100

	Republic of Serbia					
	Total	Region of Belgrade	Region of Vojvodina	Region of Sumadija and West Serbia	Region of South and East Serbia	Region of Kosovo and Metohia
2010	2205	47	758	803	597	...
2011	2821	38	1333	848	602	...
Index	128	81	176	106	101	...

4. Silviculture, 2011

	Tending and land reclamation of forests												
	Total	In private ownership forests					In state ownership forests						
		All	Region of Belgrade	Region of Vojvodina	Region of Sumadija and West Serbia	Region of South and East Serbia	Region of Kosovo and Metohia	All	Region of Belgrade	Region of Vojvodina	Region of Sumadija and West Serbia	Region of South and East Serbia	Region of Kosovo and Metohia
High forests tending													
Tending of new growth	5650	21	-	-	5	16	...	5629	36	4931	389	273	...
Cleaning	1643	432	-	-	266	166	...	1211	5	89	793	324	...
Thinning	33330	13771	-	-	10568	3203	...	19559	306	690	9943	8620	...
Forests enrichment	291	7	-	-	-	7	...	284	-	92	189	3	...
Conifers	22	7	-	-	-	7	...	15	-	-	12	3	...
Broadleaved	269	-	-	-	-	-	...	269	-	92	177	-	...
Preparation and ground tending	3530	-	-	-	-	-	...	3530	-	3328	158	44	...
Conversion	121	-	-	-	-	-	...	121	-	-	121	-	...
Substitution	13	-	-	-	-	-	...	13	-	9	-	4	...
Reconstruction	390	264	-	-	264	-	...	126	-	-	-	126	...
Coppices tending													
Tending of new growth	-	-	-	-	-	-	...	-	-	-	-	-	...
Cleaning	360	229	-	-	2	227	...	131	43	56	27	5	...
Thinning	31826	20127	-	-	6662	13465	...	11699	516	1132	4439	5612	...
Forests enrichment	416	-	-	-	-	-	...	416	-	10	-	406	...
Conifers	406	-	-	-	-	-	...	406	-	-	-	406	...
Broadleaved	10	-	-	-	-	-	...	10	-	10	-	-	...
Preparation and ground tending	80	-	-	-	-	-	...	80	-	79	1	-	...
Conversion	588	452	-	-	82	370	...	136	-	81	2	53	...
Substitution	1	1	-	-	1	-	...	-	-	-	-	-	...
Reconstruction	103	61	-	-	48	13	...	42	-	31	1	10	...
Land reclamation of other categories of forests													
Tending of new growth	-	-	-	-	-	-	...	-	-	-	-	-	...
Cleaning	7	-	-	-	-	-	...	7	-	-	-	7	...
Thinning	-	-	-	-	-	-	...	-	-	-	-	-	...
Forests enrichment	17	-	-	-	-	-	...	17	-	1	16	-	...
Conifers	16	-	-	-	-	-	...	16	-	-	16	-	...
Broadleaved	1	-	-	-	-	-	...	1	-	1	-	-	...
Conversion	10	-	-	-	-	-	...	10	-	-	-	10	...
Substitution	5	1	-	-	1	-	...	4	-	-	4	-	...
Reconstruction	36	29	-	-	24	5	...	7	-	2	-	5	...
Planting repair	18	-	-	-	-	-	...	18	-	-	18	-	...

5. Artificial afforestation, by trees species, 2011

ha

	Artificial afforestation, by trees species, 2011												
	Total	In private ownership forests					In state ownership forests						
		All	Region of Belgrade	Region of Vojvodina	Region of Sumadija and West Serbia	Region of South and East Serbia	Region of Kosovo and Metohia	All	Region of Belgrade	Region of Vojvodina	Region of Sumadija and West Serbia	Region of South and East Serbia	Region of Kosovo and Metohia
Total	2821	807	-	-	486	321	...	2014	38	1333	362	281	...
Conifers	1117	603	-	-	392	211	...	514	-	29	345	140	...
Spruce	747	468	-	-	340	128	...	279	-	-	198	81	...
Fir	9	-	-	-	-	-	...	9	-	-	9	-	...
Black pine	218	64	-	-	3	61	...	154	-	19	97	38	...
Scots pine	133	66	-	-	48	18	...	67	-	10	39	18	...
Weymouth fir	-	-	-	-	-	-	...	-	-	-	-	-	...
Douglas fir	7	2	-	-	1	1	...	5	-	-	2	3	...
Larch	-	-	-	-	-	-	...	-	-	-	-	-	...
Other conifers	3	3	-	-	-	3	...	-	-	-	-	-	...
Broadleaved	1704	204	-	-	94	110	...	1500	38	1304	17	141	...
Beech	-	-	-	-	-	-	...	-	-	-	-	-	...
Oak	500	5	-	-	2	3	...	495	13	465	-	17	...
Acacia	195	107	-	-	67	40	...	88	-	55	-	33	...
Other hardwood	163	9	-	-	8	1	...	154	4	55	14	81	...
Poplar	741	83	-	-	17	66	...	658	20	625	3	10	...
Other softwood	105	-	-	-	-	-	...	105	1	104	-	-	...

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). Afforestation works volume in 2011 has by 28% increased, in relation to the previous year. Regarding afforestation, the most wide spread was spruce, among conifers, with the afforested area of 747 ha and regarding broadleaved, the most present was poplar, with the area of 741 ha. Works referring to plantation and protective areas growing in 2011, compared to 2010 increased by 1308 ha.

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