

STATISTICAL RELEASE

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Forestry statistics

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Forests growing and silviculture, 2017

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. Additionally, data are obtained from the working organizations dealing with forestry, regardless of the fact whether it is their main activity or not. This statistical release 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 which 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	Agricultural land	Other land
2016	1280	890	823	67	390	101	-	22	106	161
2017	1984	1646	1257	389	338	117	-	4	71	146
Index 2016 = 100	155	185	153	581	87	116	-	18	67	91
Republic of Serbia	1984	1646	1257	389	338	117	-	4	71	146
Beogradski region	41	41	32	9	-	-	-	-	-	-
Region Vojvodine	988	907	704	203	81	-	-	-	-	81
Region Šumadije i Zapadne Srbije	557	389	256	133	168	60	-	4	71	33
Region Južne i Istočne Srbije	398	309	265	44	89	57	-	-	-	32
Region Kosovo i Metohija	...	...	...	...	...	...	...	...	...	...

¹⁾ Included are state and private forests.

2. Plantations and protective areas growing¹⁾

ha

	Republic of Serbia					
	Total	Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija
2016	1101	181	780	38	94	...
2017	879	184	643	30	22	...
Index 2016 = 100	80	102	82	79	23	...
Plantations	878	184	642	30	22	...
With agricultural species	21	-	17	4	-	...
Without agricultural species	857	184	625	26	22	...
Protective areas	1	-	1	-	-	...
With agricultural species	1	-	1	-	-	...
Without agricultural species	-	-	-	-	-	...

¹⁾ Included are state and private forests.

3. Artificial afforestation indices, 2016–2017

2016=100

	Republic of Serbia					
	Total	Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija
2016	1280	26	328	537	389	...
2017	1984	41	988	557	398	...
Index	155	158	301	104	102	...

4. Silviculture, 2017

	Tending and land reclamation of forests												
	Total	In private ownership forests						In state ownership forests					
		All	Beogra dski region	Region Vojvo- dine	Region Šuma- dije i Zapa- dne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Meto- hija	All	Beogra dski region	Region Vojvo- dine	Region Šuma- dije i Zapa- dne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Meto- hija
High forests tending													
Tending of new growth	5727	1981	-	-	1981	-	...	3746	91	2619	889	147	...
Cleaning	1365	122	-	-	36	86	...	1243	-	86	683	474	...
Thinning	30036	9764	-	-	6634	3130	...	20272	77	1366	7237	11592	...
Forests enrichment	-	-	-	-	-	-	...	-	-	-	-	-	...
Conifers	-	-	-	-	-	-	...	-	-	-	-	-	...
Broadleaved	-	-	-	-	-	-	...	-	-	-	-	-	...
Preparation and ground tending	4927	1	-	-	1	-	...	4926	12	4756	58	100	...
Conversion	145	60	-	-	-	60	...	85	-	1	1	83	...
Substitution	9	2	-	-	2	-	...	7	-	-	4	3	...
Reconstruction	398	10	-	-	-	10	...	388	-	-	278	110	...
Coppices tending													
Tending of new growth	318	15	-	-	15	-	...	303	-	198	93	12	...
Cleaning	748	455	-	-	2	453	...	293	34	200	29	30	...
Thinning	29667	15025	76	-	8089	6860	...	14642	457	1022	5368	7795	...
Forests enrichment	79	-	-	-	-	-	...	79	-	-	-	-	...
Conifers	79	-	-	-	-	-	...	79	-	-	-	-	...
Broadleaved	-	-	-	-	-	-	...	-	-	-	-	-	...
Preparation and ground tending	151	-	-	-	-	-	...	151	-	138	-	13	...
Conversion	214	10	-	-	6	4	...	204	-	34	17	153	...
Substitution	9	3	-	-	3	-	...	6	-	6	-	-	...
Reconstruction	123	99	-	-	99	-	...	24	-	4	18	2	...
Land reclamation of other categories of forests													
Tending of new growth	19	14	-	-	14	-	...	5	-	-	-	5	...
Cleaning	12	7	-	-	7	-	...	5	-	-	-	5	...
Thinning	303	48	-	-	7	41	...	255	-	-	-	255	...
Forests enrichment	-	-	-	-	-	-	...	-	-	-	-	-	...
Conifers	-	-	-	-	-	-	...	-	-	-	-	-	...
Broadleaved	-	-	-	-	-	-	...	-	-	-	-	-	...
Conversion	11	11	-	-	11	-	...	-	-	-	-	-	...
Substitution	-	-	-	-	-	-	...	-	-	-	-	-	...
Resurrection	17	8	-	-	-	8	...	9	-	-	-	9	...
Repair planting	-	-	-	-	-	-	...	-	-	-	-	-	...

5. Artificial afforestation, by trees species, 2017

ha

	Artificial afforestation, by trees species, 2017												
	Total	In private ownership forests						In state ownership forests					
		All	Beogra dski region	Region Vojvo- dine	Region Šuma- dije i Zapa- dne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Meto- hija	All	Beogra dski region	Region Vojvo- dine	Region Šuma- dije i Zapa- dne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Meto- hija
Total	1984	198	-	-	124	74	...	1786	41	988	433	324	...
Conifers	654	147	-	-	90	57	...	507	1	2	407	97	...
Spruce	371	137	-	-	82	55	...	234	-	-	188	46	...
Fir	17	1	-	-	1	-	...	16	-	-	10	6	...
Black pine	234	8	-	-	6	2	...	226	-	2	179	45	...
Scots pine	25	-	-	-	-	-	...	25	-	-	25	-	...
Weymouth fir	-	-	-	-	-	-	...	-	-	-	-	-	...
Douglas fir	6	1	-	-	1	-	...	5	-	-	5	-	...
Larch	-	-	-	-	-	-	...	-	-	-	-	-	...
Other conifers	1	-	-	-	-	-	...	1	1	-	-	-	...
Broadleaved	1330	51	-	-	34	17	...	1279	40	986	26	227	...
Beech	104	-	-	-	-	-	...	104	-	-	2	102	...
Oak	542	3	-	-	3	-	...	539	31	471	2	35	...
Acacia	153	21	-	-	13	8	...	132	-	99	2	31	...
Other hardwood	125	3	-	-	3	-	...	122	3	59	18	42	...
Poplar	352	24	-	-	15	9	...	328	5	306	-	17	...
Other softwood	54	-	-	-	-	-	...	54	1	51	2	-	...

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 Metohija and therefore these data are not included in the coverage for the Republic of Serbia (total). Afforestation works volume in 2017 has increased by 55% in relation to the previous year. Regarding conifers, the most wide spread was spruce, with the afforested area of 371 ha and regarding broadleaved, the most present was oak, with the area of 542 ha. Works referring to plantation and protective areas growing in 2017, compared to 2016 decreased by 222 ha.

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