

STATISTICAL RELEASE

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Forestry statistics

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Forests growing and silviculture, 2019

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
2018	1547	1153	1006	147	394	257	-	9	52	76
2019	3077	1862	1546	316	1215	182	-	5	45	983
Index 2018 = 100	199	161	154	215	308	71	-	56	86	1293
Republic of Serbia	3077	1862	1546	316	1215	182	-	5	45	983
Beogradski region	69	64	61	3	5	-	-	-	-	5
Region Vojvodine	1040	995	803	192	45	-	-	-	-	45
Region Šumadije i Zapadne Srbije	1470	411	351	60	1059	119	-	-	29	911
Region Južne i Istočne Srbije	498	392	331	61	106	63	-	5	16	22
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
2018	695	120	538	10	27	...
2019	1202	123	980	19	80	...
Index 2018 = 100	173	102	182	190	140	...
Plantations	1202	123	980	19	80	...
With agricultural species	3	-	-	-	3	...
Without agricultural species	1199	123	980	19	77	...
Protective areas	1	-	1	-	-	...
With agricultural species	-	-	-	-	-	...
Without agricultural species	1	-	1	-	-	...

¹⁾ Included are state and private forests.

3. Artificial afforestation indices, 2018–2019

2018=100

	Republic of Serbia					
	Total	Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija
2018	1547	25	507	603	412	...
2019	3077	69	1040	1470	498	...
Index	199	276	205	244	121	...

4. Silviculture, 2019

	Tending and land reclamation of forests												
	Total	In private ownership forests					In state ownership forests						
		All	Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija	All	Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija
High forests tending													
Tending of new growth	2994	34	-	11	23	-	...	2960	30	1954	402	574	...
Cleaning	1186	54	-	-	54	-	...	1132	29	123	541	439	...
Thinning	18398	5876	-	-	4961	915	...	12522	105	755	7923	3739	...
Forests enrichment	112	50	-	-	-	50	...	62	-	28	13	21	...
Conifers	107	50	-	-	-	50	...	57	-	28	8	21	...
Broadleaved	5	-	-	-	-	-	...	5	-	-	5	-	...
Preparation and ground tending	4288	2	-	-	2	-	...	4286	-	4176	34	76	...
Conversion	70	6	-	6	-	-	...	64	-	-	14	50	...
Substitution	9	-	-	-	-	-	...	9	-	-	8	1	...
Reconstruction	18	1	-	-	1	-	...	17	-	-	10	7	...
Coppices tending													
Tending of new growth	457	-	-	-	-	-	...	457	-	183	97	177	...
Cleaning	425	118	-	87	-	31	...	307	-	89	27	191	...
Thinning	21709	11263	50	-	4549	6664	...	10446	449	1401	4313	4283	...
Forests enrichment	8	4	-	-	4	-	...	4	-	-	-	4	...
Conifers	4	4	-	-	4	-	...	-	-	-	-	-	...
Broadleaved	4	-	-	-	-	-	...	4	-	-	-	4	...
Preparation and ground tending	92	-	-	-	-	-	...	92	-	9	38	45	...
Conversion	664	58	-	-	52	6	...	606	-	24	54	528	...
Substitution	55	-	-	-	-	-	...	55	-	-	-	55	...
Reconstruction	422	127	49	-	61	17	...	295	-	23	80	192	...
Land reclamation of other categories of forests													
Tending of new growth	25	25	-	-	25	-	...	-	-	-	-	-	...
Cleaning	57	38	-	-	9	29	...	19	-	10	-	9	...
Thinning	2193	1836	-	-	17	1819	...	357	-	52	-	305	...
Forests enrichment	-	-	-	-	-	-	...	-	-	-	-	-	...
Conifers	-	-	-	-	-	-	...	-	-	-	-	-	...
Broadleaved	-	-	-	-	-	-	...	-	-	-	-	-	...
Conversion	21	15	-	-	15	-	...	6	-	-	6	-	...
Substitution	11	-	-	-	-	-	...	11	-	-	11	-	...
Resurrection	59	26	-	-	-	26	...	33	-	-	11	22	...
Repair planting	-	-	-	-	-	-	...	-	-	-	-	-	...

5. Artificial afforestation, by trees species, 2019

ha

	Artificial afforestation, by trees species, 2019												
	Total	In private ownership forests					In state ownership forests						
		All	Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija	All	Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija
Total	3077	104	-	-	71	33	...	2973	69	1040	1399	465	...
Conifers	604	38	-	-	38	-	...	566	5	10	4421	130	...
Spruce	363	33	-	-	33	-	...	330	-	-	227	103	...
Fir	6	-	-	-	-	-	...	6	-	-	-	6	...
Black pine	180	3	-	-	3	-	...	177	-	10	155	12	...
Scots pine	41	2	-	-	2	-	...	39	-	-	32	7	...
Weymouth fir	4	-	-	-	-	-	...	4	-	-	4	-	...
Douglas fir	5	-	-	-	-	-	...	5	-	-	3	2	...
Larch	-	-	-	-	-	-	...	-	-	-	-	-	...
Other conifers	5	-	-	-	-	-	...	5	5	-	-	-	...
Broadleaved	2473	66	-	-	33	33	...	2407	64	1030	978	335	...
Beech	90	-	-	-	-	-	...	90	-	-	16	74	...
Oak	1313	3	-	-	-	3	...	1310	19	472	812	7	...
Acacia	199	32	-	-	21	11	...	167	-	83	39	45	...
Other hardwood	342	5	-	-	3	2	...	337	33	93	91	120	...
Poplar	426	26	-	-	9	17	...	400	-	328	-	72	...
Other softwood	103	-	-	-	-	-	...	103	12	54	20	17	...

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 2019 has increased by 99% in relation to the previous year. Regarding conifers, the most wide spread was spruce, with the afforested area of 363 ha and regarding broadleaved, the most present was oak, with the area of 1 313 ha. Works referring to plantation and protective areas growing in 2019, compared to 2018 increased by 507 ha.

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