

Forest Fund

Structure of the Forest Fund

Taking into consideration the status of forest resources with regard to the ownership in 1939, and the last one from the last census in 1994, we may assume that privately owned forests, with the completion of the process of privatization (which is close to its end) cannot occupy area greater than 15% of the entire forest stock of the country. Thus, the majority of the forest resources of the Republic of Macedonia (85-89%) will remain in the ownership of the State.

Forests that have not been privatized yet or can not be returned to their previous owners, will remain under administrative management of the State. So far, no other possibility has been identified.

The Government of the Republic of Macedonia, with the establishment of the Public Enterprise for Forests Management, by the very act of establishment, has determined specific parts of the existing enterprises managing the forests and that have not been in function to the activity of forest management, to be able to separate and constitute in legal entities and transform themselves on the basis of the Law on Transformation of Socially Owned Enterprises.

The share of the forest activity in the Gross Domestic Product (GDP) is 0,8 % (Statistical Annual of the Republic of Macedonia for 1996)

Type of forests according to the purpose and ownership		Area	
		ha	%
Economic forests	Private	859.427	82,90
	Public	106.427	10,24
Forest in national parks		43.589	4,20
Protected forests		17.617	1,70
Recreational resorts		1.101	0,10
Other forest with specific		8.897	0,86

Type of forests according to the purpose and ownership

Типология лесов в Республике Македонија	Површина		Вкупна вредност	
	ha	%	MKD	%
I. Производствени	965.854	93,14	854.790	89,18
II. Неизводствени	68.146	6,86	100.000	10,82
III. Национални паркови	43.589	4,20	100.000	10,82
IV. Заштитени	17.617	1,70	100.000	10,82
V. Рекреативни	1.101	0,10	100.000	10,82
VI. Други	8.897	0,86	100.000	10,82
ВКУПНО	1.045.104	100,00	954.790	100,00

Шумски фонд на РМ според уреденост	Уреденост		
	Уреденост	Неуреденост	Вкупно
Шумски фонд на РМ според уреденост	817.807	140.741	958.548

The Forest stock of the RM according to the form and degree of degradation (census 1979)

Forest stock in the Republic of Macedonia by the status of development

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Forest stock in the Republic of Macedonia by economic classes and classes by significance

Forest stock in the Republic of Macedonia according to the species of trees

The Forest stock of the RM according to the form and degree of degradation (census 1979)

Economic form and degrees of degradation	Area		Total area	
	ha	%	ha	%
1. High Dendiforms		100	262.790	29
Same age	95.883	36		
Diverse age	166.907	64		
2. Low Dendiforms		100	642.863	71
Low dendiform	557.592	86,6		
Capse wood	77.567	12,1		
Bush wood	6.099	1,1		
Pseudomacs	1.605	0,2		
T O T A L			905.653	100

source: Agency for Environment

Forest stock in the Republic of Macedonia by the status of development

Forest stock in R.M by the status of development	Cultivated ha	Non- cultivated ha	Total ha
	817.891	148.050	965.941

source: Agency for Environment

Forest stock in the Republic of Macedonia by economic classes and classes by significance

I. HIGH FORESTS BY AGE				
Forests by variety composition and classes by age	Area ha	Wood bulk total m³	Annual growth total m³	Annual growth m³ / ha
TOTAL	95.883	10.014.262	215.164	2.24
Pure plantations	76.089	8.048.523	175.444	2,30
Pure plantations-foliars	51.576	6.578.720	132.555	2,57
< 20 years	1.936	147.610	-	
21 - 40	3.573	404.355	-	
41 - 60	15.479	1.979.961	-	
61 - 80	20.705	2.880.535	-	
81 - 100	5.140	702.822	-	
101 - 120	1.985	266.374	-	
> 120	2.758	197.063	-	
Pure plantations-coniferus	24.513	1.469.803	42.889	1,75
< 20 years	14.963	282.280	-	
21 - 40	1.361	99.902	-	
41 - 60	1.921	274.553	-	
61 - 80	1.635	261.849	-	
81 - 100	3.735	424.242	-	
101 - 120	282	50.834	-	
> 120	616	76.143	-	
Mixed plantations-total	19.794	1.965.739	39.720	2,00
Mixed plantations-foliars	8.142	911.916	17.156	2,10
< 20 years	736	49.335	-	
21 - 40	1.756	106.030	-	
41 - 60	1.255	150.323	-	
61 - 80	3.966	506.760	-	
81 - 100	205	46.648	-	1,00
101 - 120	110	27.435	-	
> 120	114	25.385	-	
Mixed plantations-coniferus	2.097	34.687	2.092	
< 20 years	1.896	17.325	-	2,14
21 - 40	-	-	-	0,95
41 - 60	-	-	-	1,20
61 - 80	156	10.148	-	
81 - 100	45	7.214	-	
101 - 120	-	-	-	
> 120	-	-	-	
Mixed plantations	9.555	1.019.136	20.472	
Foliars	-	431.306	8.990	
Coniferus	-	587.830	11.482	
< 20 years – foliars	-	220.084	-	
< 20 years – coniferus	-	16.562	-	
21 - 40 – foliars	-	50.789	-	
21 - 40 – coniferus	-	60.471	-	
41 - 60 – foliars	-	123.720	-	
41 - 60 – coniferus	-	162.332	-	
61 - 80 – foliars	-	174.218	-	
61 - 80 - coniferus	-	148.625	-	
81 - 100 - foliars	-	54.978	-	
81 - 100 - coniferus	-	183.338	-	

101 - 120 - foliars	-	3.928	-
101 - 120 - coniferus	-	10.356	-
> 120 - foliars	-	1.649	-
> 120 - coniferus	-	6.146	-

II. LOW DENDIFORM FORESTS

Forests by variety composition and degrees of degradation	Area ha	Wood bulk total m ³	Annual growth total m ³	Annual growth m ³ / ha
TOTAL	642.863	27.385.300	922.889	1,4
Low dendiforms	557.592	26.662.551	884.474	1,6
Capsewood	77.567	659.866	31.370	0,4
Bush wood	6.099	46.339	2.397	0,3
Pseudomacs	1.605	16.550	648	0,4

source: Agency for Environment

Forest stock in the Republic of Macedonia according to the species of trees

Forest by trees species in hectares	Forest stock (1994) in hectares	Forests by ownerships (1995)		
		Total	Public	Private
TOTAL	965.941	965.650	859.427	106.223
Pure plantations of folairs	545.047	541.730	466.475	75.255
Beech	226.016	225.766	210.832	14.537
Oaks (all)	283.050	280.039	226.552	55.840
Other hard folairs	31.363	31.796	25.575	6.094
Aspen	775	775	486	279
Other soft folairs	3.843	3.354	3.039	315
Pure plantations of coniferus	81.905	81.673	72.242	9.431
Picea abies	1.253	1.298	1.297	1.000
Abies alba	3.124	3.098	2.698	400.000
Black pine	64.465	63.958	56.301	7.657
White pine	7.687	7.864	7.112	752.000
Other coniferus	5.376	5.455	4.834	621.000
Mixed plantations of folairs	277.341	277.146	258.666	18.480
Beech, oaks and other	28.594	28.601	24.735	3.866

Beech and other	25.412	25.826	23.033	2.793
Oaks and other	193.522	193.594	183.240	10.354
Other folairs	29.813	29.125	27.658	27.658
Mixed plantations of coniferus trees	9.610	7.656	6.356	1.300
Picea abies - Abies	598.000	598.000	598.000	-
Black - White pine	3.410	3.260	1.960	-
Other coniferus	5.602	3.798	3.798	-
Mixed plantations Deciduous coniferus	52.038	57.445	55.688	1.757
Beech -Picea abies -	8.169	10.055	10.055	-
Black and white pine and other coniferus	2.932	3.832	3.815	17.000
Other coniferus and other deciduous	40.937	43.558	41.818	1.740

source: Agency for Environment