

PRELIMINARY ESTIMATE OF 1942 LUMBER PRODUCTION
IN THE
CAROLINAS, VIRGINIA, WEST VIRGINIA, KENTUCKY, AND TENNESSEE

by

Ardie D. Toler
Associate Forest Economist

A FOREST SURVEY PROGRESS REPORT

J. W. Cruikshank, Regional Survey Director



U. S. DEPARTMENT OF AGRICULTURE, FOREST SERVICE

In cooperation with
Bureau of the Census
and
Statistics Division, War Production Board

Appalachian Forest Experiment Station
R. E. McArdle, Director
Asheville, N. C.

PREFACE

Through the McSweeney-McNary Act of 1928, Congress authorized the Secretary of Agriculture to conduct a comprehensive survey of the forest resources of the United States. The Forest Survey was organized by the Forest Service to carry out the provisions of the Act, and each of the 11 Regional Forest Experiment Stations is responsible for the work in its territory. In the Middle Atlantic States the Forest Survey is an activity of the Appalachian Forest Experiment Station, Asheville, North Carolina.

The work of the Survey is divided into five major phases:

1. Inventory. Determination of the extent, location, and condition of forest lands, and the quantity, species, and quality of timber on these lands.
2. Growth. Determination of the current rate of timber growth.
3. Drain. Determination of the amount of industrial and domestic wood used, and the total loss resulting from fire, insects, disease, suppression, and other causes.
4. Requirements. Determination of the current and probable future requirements for forest products by all classes of consumers.
5. Policies and plans. Analysis of the relation of these findings to one another and to other economic factors as a basis for public and private policies and plans of forest land use and management.

This progress report presents information on one part of the drain phase of the Survey, and deals specifically with the 1942 production of lumber by states and counties, in the territory of the Appalachian Forest Experiment Station.

The report is made possible through the assistance received from the War Production Board, the Bureau of the Census, the Tennessee Valley Authority, the Soil Conservation Service, Region 8 of the Forest Service, and the Division of Forest Management at the Appalachian Station.

CONTENTS

	Page
INTRODUCTION	1
LUMBER PRODUCTION.	1
DESCRIPTION OF SAWMILLS.	1
Operating mills.	2
Idle mills	2
TABLES	
Summary	
1. Lumber production and number of sawmills in the Carolinas, Virginia, West Virginia, Kentucky, and Tennessee, 1942.	3
South Carolina	
2. Number of sawmills and lumber production by mill class, 1942. . . .	4
3. Lumber production by species and mill class, 1942	4
4. Number of sawmills by county and their production of lumber, 1942 .	5
North Carolina	
5. Number of sawmills and lumber production by mill class, 1942. . . .	6
6. Lumber production by species and mill class, 1942	6
7. Number of sawmills by county and their production of lumber, 1942 .	7
Virginia	
8. Number of sawmills and lumber production by mill class, 1942. . . .	9
9. Lumber production by species and mill class, 1942	9
10. Number of sawmills by county and their production of lumber, 1942 .	10
West Virginia	
11. Number of sawmills and lumber production by mill class, 1942. . . .	12
12. Lumber production by species and mill class, 1942	12
13. Number of sawmills by county and their production of lumber, 1942 .	13
Kentucky	
14. Number of sawmills and lumber production by mill class, 1942. . . .	15
15. Lumber production by species and mill class, 1942	15
16. Number of sawmills by county and their production of lumber, 1942 .	16
Tennessee	
17. Number of sawmills and lumber production by mill class, 1942. . . .	19
18. Lumber production by species and mill class, 1942	19
19. Number of sawmills by county and their production of lumber, 1942 .	20
SAWMILL LOCATION MAPS*	
Figure 1 - South Carolina.	22
Figure 2 - North Carolina.	23
Figure 3 - Virginia.	24
Figure 4 - West Virginia	25
Figure 5 - Kentucky.	26
Figure 6 - Tennessee	27

*A few ozalid copies (32" x 44") of all six states combined, are available upon request.

PRELIMINARY ESTIMATE^{1/} OF 1942 LUMBER PRODUCTION

IN THE

CAROLINAS, VIRGINIA, WEST VIRGINIA, KENTUCKY, AND TENNESSEE

This report, giving the estimated 1942 lumber production in six states of the Appalachian Forest Experiment Station's territory, is based on a complete canvass of all sawmills. It was made during the first half of 1943 by the U. S. Forest Service in cooperation with the Bureau of the Census, the Lumber and Lumber Products Branch of the War Production Board, and the Tennessee Valley Authority.

The canvass of this area was a part of the nation-wide survey of sawmills, which was made to obtain accurate data on lumber production needed to facilitate planning by the various public agencies responsible for furthering the war effort.

Information contained herein consists chiefly of statistical data contained in a summary table and a series of tables for each state, together with state maps showing the approximate location of the sawmills.

LUMBER PRODUCTION

Lumber production in the six states during 1942 is estimated to have been 5.8 billion board feet, of which 60 percent was softwoods and 40 percent hardwoods (table 1). Yellow pine made up 54 percent of the total volume, oak 20 percent, yellowpoplar 6 percent, and red gum 3 percent. The remaining 17 percent was produced from approximately 20 different species, some of the most important being beech, cypress, maple, tupelo and black gum, white pine, hemlock, hickory, and chestnut.

This volume of lumber comprised only 16 percent of the total United States production of all species, but about one-third of all the hardwood and southern yellow pine lumber came from this area. Practically all the Appalachian hardwood lumber (1.3 billion bd. ft. in 1942) is produced in these six states.

DESCRIPTION OF SAWMILLS

In 1942 approximately one-third of the sawmills in the United States were located in this territory. There were 12,557 operating and 2,737 idle mills, a total of 15,294 sawmills. These mills vary in size from small circular mills capable of cutting, with present equipment, from one to two thousand feet of lumber per day to the large band mills equipped to cut well over 100 thousand board feet per day.

^{1/} Preliminary data subject to revision. Final production statistics will be released by the Bureau of the Census.

Operating Mills

About 99 percent of the sawmills, including both custom and commercial operations, were small mills (class 3 and smaller^{2/}) that produced less than 5 million board feet of lumber during the year. These mills, practically all circular, accounted for 82 percent of the total production during 1942 (table 1).

The custom operations in this group of small mills include most of the class 0 mills and an appreciable number of the small class 1 and 2 mills. These are usually owned by persons who operate intermittently in connection with farming or other work. A flat fee per thousand board feet is charged for sawing, the stumpage owner usually doing the logging and handling of the lumber. Most of the lumber produced by the smaller mills is used for farm construction or other local use, whereas that sawed by the larger custom mills is usually sold to concentration yards.

The small commercial mills, which take in the large class 1 and class 2, and most of the class 3 mills, are operated by persons whose chief livelihood is lumbering. Some of these operators work under contract for concentration yards and are paid a flat fee per thousand board feet for logging, sawing, and hauling the lumber to the yards. Others work independently, buying their own stumpage, and selling direct to yards, mines, or other purchasers of lumber.

The large commercial mills (class 4 and larger), most of which are of the single-band type, make up only one percent of the total number of operating mills, but they produce 18 percent of the lumber (table 1). These mills operate mostly on company-owned timber, although some depend upon stumpage purchased from the national forests or upon logs obtained from private log dealers and farmers. Some of these large operators have their own woods crews who cut and haul the logs to the mills, although most of them have the work done under contract. Practically all of the lumber produced by these mills, as well as the majority of that produced by the smaller mills and sold to concentration yards, goes directly into war use.

Idle Mills

Sawmills idle during the entire year totaled 2,737, or 18 percent of the mills in the six states. Past records show that approximately 33 percent of these were also idle during 1941. Of those that operated in 1941 about 48 percent were class 0 mills, 46 percent class 1, 4 percent class 2, and 2 percent class 3. Mills that were idle during both 1941 and 1942 are of little importance as potential lumber producers as most of them are old and worn out. Mills that were newly idle in 1942 are in most cases owned by persons that have gone into other work, or the armed forces. These mills could be put back into operation without excessive cost, but due to lack of labor and other factors most of them will probably remain idle for the duration.

^{2/} Class 0 - 1 to 49 M bd. ft. per year, Class 1 - 50 to 499 M, Class 2 - 500 to 999 M, Class 3 - 1,000 to 4,999 M, Class 4 - 5,000 to 9,999 M, Class 5+ - 10,000 M and over

Table 1. - Lumber production and number of sawmills in the Carolinas, Virginia, West Virginia, Kentucky, and Tennessee, 1942.

Number of Sawmills and Species Group	Mill Class						Total	Per-cent
	0	1	2	3	4	5+		
Sawmills ^{1/}	Number 3,192	Number 6,004	Number 1,836	Number 1,427	Number 72	Number 26	Number 12,557	
	M bd.ft.	M bd. ft.	M bd. ft.	M bd. ft.	M bd.ft.	M bd.ft.	M bd. ft.	
<u>SOFTWOODS</u>								
Cedar	220	6,795	4,863	12,946	7	3,864	28,695	0.5
Cypress	362	5,269	4,880	25,303	34,632	58,706	129,152	2.2
Fir, balsam	-	-	-	150	-	-	150	Negl.
Hemlock	343	11,443	13,364	15,942	12,477	18,161	71,730	1.2
Pine, white	2,046	36,351	23,785	9,952	4,706	4,266	81,106	1.4
Pine, yellow	22,265	480,315	783,357	1,538,428	156,612	161,466	3,142,443	54.2
Spruce	3	238	250	55	-	16,843	17,389	0.3
Total	25,239	540,411	830,499	1,602,776	208,434	263,306	3,470,665	59.8
<u>HARDWOODS</u>								
Ash	204	3,858	3,263	7,392	16,358	7,409	38,484	0.7
Basswood	307	8,140	7,658	19,862	10,427	5,632	52,026	0.9
Beech	2,197	34,299	32,702	45,187	12,243	8,786	135,414	2.3
Birch	82	3,352	1,817	4,009	2,088	4,820	16,168	0.3
Chestnut	1,705	17,598	8,562	20,047	9,912	6,722	64,546	1.1
Cottonwood	231	2,957	2,103	3,011	5,754	7,586	21,642	0.4
Elm	338	2,874	2,146	4,309	1,559	1,838	13,064	0.2
Gum, red	1,510	21,172	25,453	50,703	37,216	58,132	194,186	3.4
Hickory	1,207	20,570	12,999	19,105	3,467	3,570	60,918	1.1
Maple	795	18,329	13,021	32,975	22,702	29,787	117,609	2.0
Oak	28,702	343,532	239,933	360,533	115,057	45,628	1,133,385	19.5
Sycamore	433	5,679	5,018	4,504	3,507	1,527	20,668	0.4
Tup. & bl.gum	562	7,903	9,170	32,003	19,179	38,031	106,848	1.8
Walnut	352	4,459	3,522	7,901	3,277	44	19,555	0.3
Yellowpoplar	5,394	74,883	65,431	113,984	44,473	14,625	318,790	5.5
Other	140	2,676	2,087	4,594	3,649	3,320	16,466	0.3
Total	44,159	572,281	434,885	730,119	310,868	237,457	2,329,769	40.2
<u>ALL SPECIES</u>	69,398	1,112,692	1,265,384	2,332,895	519,302	500,763	5,800,434	100.0
Percent of total	1.2	19.2	21.8	40.2	9.0	8.6	100.0	

^{1/} Does not include 2,737 sawmills that were idle during entire year.

Table 2. - Number of sawmills and lumber production by mill class in South Carolina, 1942.

Mill Class	Range of Annual Production	Sawmills			Total Lumber Production			
		Number	Average Daily Production	Average Operating Time	Softwoods	Hardwoods	Total	
	M bd. ft.		M bd. ft.	Days	M bd. ft.	M bd. ft.	M bd. ft.	Percent
Idle	-	221	-	-	-	-	-	-
0	1-49	262	3	7	4,502	651	5,153	0.5
1	50-499	429	4	54	75,976	7,572	83,548	7.7
2	500-999	236	5	143	154,236	11,473	165,709	15.4
3	1,000-4,999	314	8	207	482,427	35,045	517,472	47.9
4	5,000-9,999	17	30	248	70,080	61,383	131,463	12.2
5+	10,000 +	9	71	279	95,866	80,140	176,006	16.3
Total	-	1,488	8	108	883,087	196,264	1,079,351	100.0

Table 3. - Lumber production by species and mill class in South Carolina, 1942.

Species	Mill Class						Total	Percent
	0	1	2	3	4	5+		
	M bd.ft.	M bd.ft.	M bd.ft.	M bd.ft.	M bd.ft.	M bd.ft.	M bd.ft.	
SOFTWOODS								
Cedar	5	18	13	10	-	-	46	Negl.
Cypress	3	664	261	11,225	18,195	29,594	59,942	5.6
Hemlock	-	12	-	1	521	692	1,226	0.1
Pine, white	16	315	275	153	68	1	828	0.1
Pine, yellow	4,478	74,967	153,687	471,038	51,296	65,579	821,045	76.1
Total	4,502	75,976	154,236	482,427	70,080	95,866	883,087	81.9
HARDWOODS								
Ash	-	56	43	526	10,006	4,310	14,941	1.4
Basswood	-	-	15	-	85	26	126	Negl.
Beech	3	20	-	2	9	43	77	Negl.
Birch	1	10	-	102	2	8	123	Negl.
Chestnut	-	10	50	1	1	33	95	Negl.
Cottonwood	7	35	25	958	2,637	1,525	5,187	0.5
Elm	1	-	-	82	389	654	1,126	0.1
Gum, red	70	1,411	3,130	11,373	23,121	47,763	86,868	8.0
Hickory	8	152	-	85	145	520	910	0.1
Maple	3	59	147	895	2,470	2,924	6,498	0.6
Oak	406	3,926	4,065	7,209	8,817	11,265	35,688	3.3
Sycamore	1	113	50	266	1,083	685	2,198	0.2
Tup. & bl.gum	11	373	2,733	7,778	6,996	7,657	25,548	2.4
Walnut	1	1	5	251	5	-	263	Negl.
Yellowpoplar	139	1,401	1,210	5,495	5,469	2,474	16,188	1.5
Other	-	5	-	22	148	253	428	Negl.
Total	651	7,572	11,473	35,045	61,383	80,140	196,264	18.1
ALL SPECIES	5,153	83,548	165,709	517,472	131,463	176,006	1,079,351	100.0

Table 4. - Number of sawmills by county and their production of lumber.
South Carolina, 1942.

County	Sawmills by Class								Lumber Production		
	Idle	Operating						All Mills	Softwoods	Hardwoods	Total
		0	1	2	3	4	5+		M bd. ft.	M bd. ft.	M bd. ft.
Abbeville	8	15	6	1	1	-	-	31	2,264	306	2,570
Aiken	5	2	15	9	17	-	-	48	34,258	1,914	36,172
Allendale	1	-	2	2	1	-	1	7	6,043	8,194	14,237
Anderson	18	29	11	-	-	-	-	58	1,283	340	1,623
Bamberg	3	2	3	1	3	1	-	13	11,122	643	11,765
Barnwell	2	1	8	2	5	-	-	18	8,872	343	9,215
Beaufort	2	-	-	2	-	-	-	4	1,600	-	1,600
Berkeley	6	-	3	5	11	1	1	27	41,537	17,277	58,814
Calhoun	-	-	3	1	7	-	-	11	10,277	202	10,479
Charleston	3	-	4	5	7	1	-	20	28,145	317	28,462
Cherokee	5	7	7	1	-	-	-	20	1,905	373	2,278
Chester	10	21	8	2	1	-	-	42	3,135	75	3,210
Chesterfield	5	1	22	17	10	-	-	55	30,822	1,785	32,607
Clarendon	3	3	5	1	6	-	1	19	21,951	12,376	34,327
Colleton	5	-	4	4	15	1	-	29	29,875	2,425	32,300
Darlington	6	4	5	6	5	-	-	26	12,097	2,177	14,274
Dillon	-	3	11	1	-	-	-	15	2,606	47	2,653
Dorchester	-	2	2	3	7	-	-	14	15,722	3,389	19,111
Edgefield	1	-	5	6	15	-	-	27	23,095	2,531	25,626
Fairfield	5	4	8	7	12	-	-	36	23,536	91	23,627
Florence	2	5	17	9	15	1	-	49	36,641	6,619	43,260
Georgetown	1	1	2	3	15	-	-	22	22,479	4,061	26,540
Greenville	13	28	27	-	2	1	-	71	8,627	6,662	15,289
Greenwood	3	1	9	9	8	-	-	30	18,877	196	19,073
Hampton	10	1	7	2	4	1	1	26	29,484	9,396	38,880
Horry	5	4	16	10	21	2	-	58	57,795	5,601	63,396
Jasper	-	1	2	-	9	1	1	14	37,262	12,148	49,410
Kershaw	1	3	5	18	9	-	-	36	26,181	950	27,131
Lancaster	5	13	7	4	4	-	-	33	10,530	1,054	11,584
Laurens	7	10	7	3	4	-	-	31	8,745	150	8,895
Lee	-	3	6	5	2	-	-	16	8,245	-	8,245
Lexington	9	8	28	17	5	1	-	68	26,212	2,413	28,625
McCormick	4	1	2	1	11	-	-	19	17,966	832	18,798
Marion	3	2	6	4	7	1	1	24	37,605	18,939	56,544
Marlboro	2	4	1	3	4	-	-	14	7,938	1,328	9,266
Newberry	2	3	21	17	16	-	-	59	37,492	1,785	39,277
Oconee	7	6	35	11	3	-	-	62	15,161	2,959	18,120
Orangeburg	14	15	10	4	7	1	1	52	36,940	8,196	45,136
Pickens	6	5	17	4	1	-	1	34	11,835	8,396	20,231
Richland	2	4	9	11	8	2	-	36	25,074	12,632	37,706
Saluda	6	2	12	9	10	-	-	39	22,634	1,230	23,864
Spartanburg	11	26	15	8	4	-	-	64	11,631	1,029	12,660
Sumter	3	6	9	1	10	2	1	32	30,152	32,905	63,057
Union	1	2	10	3	2	-	-	18	6,089	693	6,782
Williamsburg	8	5	3	3	9	-	-	28	17,790	566	18,356
York	8	9	14	1	1	-	-	33	3,557	719	4,276
Total	221	262	429	236	314	17	9	1,488	882,087	196,264	1,079,351

Table 5. - Number of sawmills and lumber production by mill class in North Carolina, 1942.

Mill Class	Range of Annual Production	Sawmills			Total Lumber Production			
		Number	Average Daily Production	Average Operating Time	Softwoods	Hardwoods	Total	
	M bd. ft.		M bd. ft.	Days	M bd. ft.	M bd. ft.	M bd. ft.	Percent
Idle	-	599	-	-	-	-	-	-
0	1-49	605	3	9	9,744	4,182	13,926	0.8
1	50-499	1,585	4	52	241,187	73,637	314,824	18.5
2	500-999	575	5	127	339,796	55,515	395,311	23.2
3	1,000-4,999	462	9	181	643,375	109,282	752,657	44.3
4	5,000-9,999	21	28	250	84,434	57,954	142,388	8.4
5+	10,000 +	6	78	196	65,862	15,915	81,777	4.8
Total	-	3,853	7	79	1,384,398	316,485	1,700,883	100.0

Table 6. - Lumber production by species and mill class in North Carolina, 1942.

Species	Mill Class						Total	Per- cent
	0	1	2	3	4	5 +		
	M bd.ft.	M bd.ft.	M bd.ft.	M bd.ft.	M bd.ft.	M bd.ft.	M bd. ft.	
SOFTWOODS								
Cedar	12	737	19	6,531	7	48	7,354	0.4
Cypress	114	1,828	1,717	9,161	7,503	12,562	32,885	1.9
Hemlock	85	2,760	2,244	2,903	1,242	-	9,234	0.5
Pine, white	513	16,697	13,743	4,322	2,815	-	38,090	2.3
Pine, yellow	9,020	219,165	322,073	620,458	72,867	53,252	1,296,835	76.3
Total	9,744	241,187	339,796	643,375	84,434	65,862	1,384,398	81.4
HARDWOODS								
Ash	35	517	218	637	427	125	1,959	0.1
Basswood	28	547	238	1,224	1,262	-	3,299	0.2
Beech	26	363	129	187	359	-	1,064	0.1
Birch	14	974	231	578	423	-	2,220	0.1
Chestnut	570	6,889	2,326	10,296	7,780	-	27,861	1.6
Cottonwood	6	521	80	230	443	-	1,280	0.1
Elm	1	10	-	6	-	-	17	Negl.
Gum, red	186	3,432	3,959	8,123	10,820	3,422	29,942	1.8
Hickory	13	685	519	873	172	-	2,262	0.1
Maple	99	2,371	803	1,761	2,099	1,162	8,295	0.5
Oak	2,531	40,448	31,879	47,861	15,360	1,297	139,376	8.2
Sycamore	17	282	220	34	1,050	-	1,603	0.1
Tup. & bl. gum	133	1,875	1,868	15,173	11,007	8,971	39,027	2.3
Walnut	7	119	221	58	5	-	410	Negl.
Yellowpoplar	503	14,283	12,616	21,628	5,637	938	55,605	3.3
Other	13	321	208	613	1,110	-	2,265	0.1
Total	4,182	73,637	55,515	109,282	57,954	15,915	316,485	18.6
ALL SPECIES	13,926	314,824	395,311	752,657	142,388	81,777	1,700,883	100.0

Table 7. -- Number of sawmills by county and their production of lumber.
North Carolina, 1942.

County	Sawmills by Class								Lumber Production		
	Idle	Operating						All Mills	Softwoods	Hardwoods	Total
		0	1	2	3	4	5+		M bd. ft.	M bd. ft.	M bd. ft.
Alamance	5	10	16	4	1	-	-	36	6,011	992	7,003
Alexander	6	9	33	6	-	-	-	54	10,676	1,788	12,464
Alleghany	7	3	15	2	-	-	-	27	1,582	2,756	4,338
Anson	3	6	14	16	14	-	-	53	35,408	1,271	36,679
Ashe	11	12	32	2	-	-	-	57	2,285	6,284	8,569
Avery	10	5	16	2	2	-	-	35	1,995	5,042	7,037
Beaufort	4	10	12	5	11	2	2	46	54,497	4,115	58,612
Bertie	2	1	9	6	21	1	-	40	43,136	6,108	49,244
Bladen	6	4	11	11	3	1	1	37	29,517	10,258	39,775
Brunswick	2	6	8	7	2	-	-	25	10,291	177	10,468
Buncombe	25	15	31	3	2	-	-	76	2,710	7,525	10,235
Burke	12	5	27	9	2	-	-	55	10,165	2,107	12,272
Cabarrus	10	13	6	1	-	-	-	30	1,675	457	2,132
Caldwell	13	14	52	6	2	-	-	87	12,789	6,523	19,312
Camden	1	1	3	-	-	-	-	5	360	87	447
Carteret	-	2	2	1	-	1	-	6	5,076	2,305	7,381
Caswell	2	5	9	5	7	-	-	28	17,174	1,532	18,706
Catawba	11	13	25	13	4	-	-	66	15,419	3,383	18,802
Chatham	6	1	25	24	16	-	-	72	40,335	2,711	43,046
Cherokee	10	6	15	3	2	-	-	36	7,203	1,928	9,131
Chowan	5	4	-	-	1	1	-	11	9,021	303	9,324
Clay	3	-	5	-	2	-	-	10	594	7,581	8,175
Cleveland	11	9	27	1	2	-	-	50	7,073	1,422	8,495
Columbus	3	1	17	11	15	1	-	48	39,284	6,074	45,358
Craven	3	2	7	3	5	1	1	22	29,296	2,843	32,139
Cumberland	5	3	13	13	5	-	-	39	20,158	2,356	22,514
Currituck	3	-	5	-	2	-	-	10	2,760	345	3,105
Davidson	24	20	65	10	3	-	-	122	17,853	2,995	20,848
Davie	5	10	17	6	1	-	-	39	6,902	1,785	8,687
Duplin	12	4	10	7	15	1	-	49	37,173	7,502	44,675
Durham	4	-	10	5	8	-	-	27	15,781	1,185	16,966
Edgecombe	-	5	2	1	3	-	-	11	7,775	308	8,083
Forsyth	11	13	25	6	-	-	-	55	7,151	1,480	8,631
Franklin	4	5	6	7	8	-	-	30	20,411	1,988	22,399
Gaston	7	9	14	2	2	-	-	34	4,088	1,302	5,390
Gates	4	1	3	1	2	-	-	11	4,002	113	4,115
Graham	1	1	3	-	-	1	-	6	129	8,095	8,224
Granville	2	3	9	17	12	-	-	43	35,607	2,823	38,430
Greene	-	1	6	-	-	-	-	7	616	260	876
Guilford	6	21	32	22	8	-	-	89	29,277	5,138	34,415
Halifax	3	8	8	1	7	-	-	27	16,740	1,792	18,532
Harnett	1	4	16	10	13	-	-	44	30,849	936	31,785
Haywood	13	6	5	3	3	-	-	30	810	11,500	12,310
Henderson	3	3	9	2	-	-	-	17	1,305	1,082	2,387
Hertford	2	-	2	1	7	-	-	12	12,080	1,826	13,906
Hoke ^{1/}	-	-	1	3	3	-	-	7	5,251	-	5,251
Hyde ^{1/}	4	6	5	1	1	-	-	17	2,238	12	2,250
Iredell	11	24	43	15	1	-	-	94	10,444	5,450	19,894

^{1/} Hyde and Dare combined to avoid disclosing data of individual mills.

Table 7. - North Carolina (cont.)

County	Sawmills by Class								Lumber Production		
	Idle	Operating						All Mills	Softwoods	Hardwoods	Total
		0	1	2	3	4	5+		M bd. ft.	M bd. ft.	M bd. ft.
Jackson	6	5	8	-	1	1	-	21	378	8,186	8,564
Johnston	4	6	19	5	5	-	-	39	15,514	1,630	17,144
Jones	4	-	2	1	2	-	-	9	4,435	365	4,800
Lee	4	-	7	8	5	-	-	24	11,802	416	12,218
Lenoir	-	2	11	-	-	1	-	14	7,138	4,214	11,352
Lincoln	9	10	29	7	-	-	-	55	8,183	1,383	9,566
McDowell	17	15	19	1	2	-	-	54	5,311	1,740	7,051
Macon	15	8	8	1	2	-	-	34	959	10,275	11,234
Madison	19	9	14	1	1	-	-	44	1,052	3,227	4,279
Martin	1	5	12	2	4	2	-	26	17,383	8,879	26,262
Mecklenburg	9	8	12	1	-	-	-	30	2,339	226	2,565
Mitchell	7	8	15	1	1	-	-	32	993	3,317	4,310
Montgomery	7	3	25	26	10	-	-	71	33,502	1,604	35,106
Moore	6	2	22	13	14	-	-	57	29,187	4,112	33,299
Nash	-	6	4	3	9	-	-	22	23,506	1,417	24,923
New Hanover	1	-	2	-	1	-	-	4	2,356	-	2,356
Northampton	1	5	8	6	16	1	-	37	32,282	3,794	36,076
Onslow	5	3	7	2	2	-	-	19	6,984	303	7,287
Orange	3	3	9	8	10	-	-	33	17,854	3,079	20,933
Pamlico	5	1	4	1	2	-	-	13	5,297	1,426	6,723
Pasquotank	1	1	9	-	2	1	1	15	23,271	5,094	28,365
Pender	5	-	8	8	6	-	-	27	16,008	345	16,353
Perquimans	6	2	6	2	-	-	1	17	15,124	423	15,547
Person	3	1	9	12	11	-	-	36	24,802	1,159	25,961
Pitt	2	5	16	2	2	-	-	27	6,561	672	7,233
Polk	5	2	10	4	3	-	-	24	6,916	1,194	8,110
Randolph	16	23	66	19	7	-	-	131	25,629	9,617	35,246
Richmond	1	4	6	9	4	-	-	24	13,522	478	14,000
Robeson	4	4	12	6	14	-	-	40	26,100	658	26,758
Rockingham	3	8	14	9	2	-	-	36	9,012	3,178	12,190
Rowan	7	13	30	2	1	-	-	53	6,696	2,380	9,076
Rutherford	13	6	34	5	5	-	-	63	14,848	3,148	17,996
Sampson	15	3	28	19	18	-	-	83	44,767	3,437	48,204
Scotland	-	-	1	3	1	-	-	5	3,941	-	3,941
Stanly	5	8	30	9	4	-	-	56	16,711	1,575	18,286
Stokes	5	6	27	9	2	-	-	49	10,076	4,554	14,630
Surry	9	29	56	5	4	-	-	103	11,809	6,041	17,850
Swain	9	3	1	1	3	1	-	18	2,689	10,030	12,719
Transylvania	-	2	4	-	-	2	-	8	5,131	11,197	16,328
Tyrrell	1	-	-	3	6	-	-	10	11,575	1,525	13,100
Union	14	8	25	8	7	-	-	62	17,686	960	18,646
Vance	1	1	2	3	4	-	-	11	5,712	1,252	6,964
Wake	7	5	13	17	24	-	-	66	49,739	4,203	53,942
Warren	4	5	8	16	9	-	-	42	26,311	2,470	28,781
Washington	3	3	4	1	1	1	-	13	6,359	4,335	10,694
Watauga	9	24	30	6	-	-	-	69	5,340	4,306	9,646
Wayne	2	4	9	-	7	1	-	23	17,344	3,564	20,908
Wilkes	14	12	106	25	1	-	-	158	27,105	10,647	37,752
Wilson	1	-	4	2	3	-	-	10	6,983	1,070	8,053
Yadkin	5	18	40	7	2	-	-	72	12,000	2,336	14,336
Yancey	10	2	14	2	4	-	-	32	1,204	9,199	10,403
Total	599	605	1585	575	462	21	6	3,853	1,384,398	316,485	1,700,883

Table 8. - Number of sawmills and lumber production by mill class in Virginia, 1942.

Mill Class	Range of Annual Production	Sawmills			Total Lumber Production			
		Number	Average Daily Production	Average Operating Time	Softwoods	Hardwoods	Total	
	M bd. ft.		M bd. ft.	Days	M bd. ft.	M bd. ft.	M bd. ft.	Percent
Idle	-	657	-	-	-	-	-	-
0	1-49	613	2	11	5,199	8,022	13,221	1.1
1	50-499	1,204	3	56	113,289	115,495	228,784	18.9
2	500-999	454	5	132	222,150	95,746	317,896	26.2
3	1,000-4,999	328	8	189	390,839	125,215	516,054	42.6
4	5,000-9,999	6	27	258	27,477	16,010	43,487	3.6
5+	10,000+	3	120	269	54,702	37,454	92,156	7.6
Total	-	3,265	6	79	813,656	397,942	1,211,598	100.0

Table 9. - Lumber production by species and mill class in Virginia, 1942.

Species	Mill Class						Total	Percent
	0	1	2	3	4	5 +		
	M bd.ft.	M bd.ft.	M bd.ft.	M bd.ft.	M bd.ft.	M bd.ft.	M bd. ft.	
<u>SOFTWOODS</u>								
Cedar	16	46	895	222	-	3,816	4,995	0.4
Cypress	30	518	1,314	2,040	-	9,053	12,955	1.1
Hemlock	133	2,291	1,314	3,832	2,080	1,259	10,909	0.9
Pine, white	952	9,522	3,490	590	3	2,830	17,387	1.4
Pine, yellow	4,065	100,869	215,137	384,155	25,394	37,744	767,364	63.3
Spruce	3	43	-	-	-	-	46	Negl.
Total	5,199	113,289	222,150	390,839	27,477	54,702	813,656	67.1
<u>HARDWOODS</u>								
Ash	26	319	363	926	48	564	2,246	0.2
Basswood	46	592	523	1,399	666	85	3,311	0.3
Beech	114	2,033	1,600	1,884	518	-	6,149	0.5
Birch	23	383	544	458	27	12	1,447	0.1
Chestnut	375	3,476	1,707	2,390	149	204	8,301	0.7
Cottonwood	62	769	342	140	-	948	2,261	0.2
Elm	2	62	77	35	-	83	259	Negl.
Gum, red	122	2,888	6,514	10,494	333	4,604	24,955	2.1
Hickory	152	2,307	2,414	1,864	111	2	6,850	0.6
Maple	99	1,443	1,098	2,476	347	1,469	6,932	0.6
Oak	5,505	75,574	55,081	73,371	9,479	7,660	226,670	18.7
Sycamore	55	1,567	2,017	467	-	47	4,207	0.3
Tup. & bl.gum	24	386	435	950	-	20,263	22,058	1.8
Walnut	53	662	116	1,002	47	6	1,886	0.2
Yellowpoplar	1,342	22,805	22,649	27,213	4,131	741	78,881	6.5
Other	22	229	212	146	154	766	1,529	0.1
Total	8,022	115,495	95,746	125,215	16,010	37,454	397,942	32.9
ALL SPECIES	13,221	228,784	317,896	516,054	43,487	92,156	1,211,598	100.0

Table 10. - Number of sawmills by county and their production of lumber.
Virginia, 1942.

County	Sawmills by Class							Lumber Production		
	Idle	Operating					All Mills	Softwoods	Hardwoods	Total
		0	1	2	3	4+		M bd. ft.	M bd. ft.	M bd. ft.
Accomac	3	2	2	13	11	-	31	26,251	951	27,202
Albemarle	9	7	13	5	5	-	39	3,070	9,814	12,884
Alleghany	13	6	7	1	-	-	27	420	924	1,344
Amelia	3	7	3	7	9	-	29	15,241	4,600	19,841
Amherst	5	6	13	-	-	-	24	691	1,880	2,571
Appomattox	9	6	15	2	2	-	34	4,677	2,018	6,695
Augusta	9	16	23	1	2	-	51	1,174	5,556	6,730
Bath	6	5	21	1	-	-	33	1,266	4,088	5,354
Bedford	27	25	35	4	1	-	92	2,919	9,206	12,125
Bland	9	9	14	3	2	1	38	6,904	15,180	22,084
Botetourt	25	18	7	-	-	-	50	196	1,257	1,453
Brunswick	4	-	8	9	18	-	39	32,130	3,742	35,872
Buchanan	11	13	22	4	2	-	52	105	9,167	9,272
Buckingham	9	4	11	7	4	-	35	9,349	6,280	15,629
Campbell	24	10	25	14	-	-	73	9,673	4,174	13,847
Caroline	11	-	15	7	2	-	35	8,269	3,850	12,119
Carroll	16	19	51	3	-	-	89	3,840	6,954	10,794
Charles City	3	2	1	-	5	-	11	7,238	103	7,341
Charlotte	9	1	17	24	2	-	53	17,862	3,833	21,695
Chesterfield	6	2	6	9	11	1	35	30,091	5,594	35,685
Clark	-	-	3	1	-	-	4	10	950	960
Craig	9	7	9	-	-	-	25	749	1,380	2,129
Culpeper	3	3	9	2	2	-	19	2,592	3,580	6,172
Cumberland	3	3	10	2	5	-	23	6,173	3,212	9,385
Dickenson	5	4	5	-	-	2	16	2,221	15,451	17,672
Dinwiddie	4	1	9	11	17	-	42	32,671	4,897	37,568
Essex	3	1	6	9	4	-	23	9,598	4,732	14,330
Fairfax	2	9	16	1	1	-	29	2,878	2,884	5,762
Fauquier	2	3	12	2	-	-	19	1,482	2,104	3,586
Floyd	20	20	39	2	2	-	83	2,229	7,901	10,130
Fluvanna	2	3	8	8	4	-	25	11,392	2,486	13,878
Franklin	29	28	51	2	1	-	111	3,745	8,749	12,494
Frederick	15	14	23	4	1	-	57	1,150	8,104	9,254
Giles	3	8	9	-	1	-	21	219	2,231	2,450
Gloucester	1	3	4	5	5	-	18	10,304	1,482	11,786
Goochland	4	4	7	12	4	-	31	11,214	3,868	15,082
Grayson	6	14	21	6	-	-	47	3,477	3,882	7,359
Greene	-	2	2	1	-	-	5	365	910	1,275
Greensville	1	5	-	-	7	-	13	14,286	2,340	16,626
Halifax	12	4	21	24	4	-	65	21,389	4,588	25,977
Hanover	5	3	15	20	11	-	54	25,602	7,026	32,628
Henrico	1	4	7	3	11	-	26	18,833	2,555	21,388
Henry	6	6	22	8	3	-	45	11,260	4,413	15,673
Highland	2	7	13	10	4	-	36	2,707	10,856	13,563
Isle of Wight	4	5	4	-	4	1	18	37,013	20,428	57,441
James City	2	-	3	3	4	-	12	5,947	1,841	7,788
King & Queen	1	-	9	4	5	-	19	10,004	1,887	11,891
King George	3	5	4	1	-	-	13	1,014	515	1,529
King William	2	1	5	5	5	-	18	10,874	2,781	13,655

Table 10. - Virginia (cont.)

County	Sawmills by Class							Lumber Production		
	Idle	Operating					All Mills	Softwoods M bd. ft.	Hardwoods M bd. ft.	Total M bd. ft.
		0	1	2	3	4+				
Lancaster	3	3	4	2	1	-	13	3,712	392	4,104
Lee	10	5	11	1	-	-	27	74	1,697	1,771
Loudoun	4	7	7	1	-	-	19	260	2,617	2,877
Louisa	12	3	35	20	12	-	82	28,505	8,980	37,485
Lunenburg	6	1	12	14	10	-	43	18,834	5,641	24,475
Madison	6	7	10	2	-	-	25	819	2,230	3,049
Mathews	1	1	6	2	3	-	13	5,587	235	5,822
Mecklenburg	5	11	11	20	21	-	68	45,839	6,618	52,457
Middlesex	2	-	9	4	2	-	17	6,407	1,329	7,736
Montgomery	8	16	8	-	-	-	32	1,003	840	1,843
Nansemond	1	1	4	4	6	-	16	16,724	1,198	17,922
Nelson	8	5	19	3	-	-	35	833	4,262	5,095
New Kent	-	-	3	6	3	-	12	7,595	2,786	10,381
Norfolk	3	6	4	2	4	2	21	30,981	12,392	43,373
Northampton	1	-	1	3	9	-	14	17,781	1,108	18,889
Northumberland	2	-	8	7	2	-	19	7,528	1,512	9,040
Nottoway	9	3	8	5	11	-	36	16,342	2,581	18,923
Orange	3	2	9	5	-	-	19	3,625	1,800	5,425
Page	7	11	14	-	-	-	32	562	830	1,392
Patrick	15	20	60	6	1	-	102	4,252	11,160	15,412
Pittsylvania	13	20	35	21	5	-	94	19,084	7,351	26,435
Powhatan	7	1	8	9	4	-	29	9,881	5,833	15,714
Prince Edward	7	5	8	6	5	-	31	11,954	2,781	14,735
Prince George	1	-	5	1	1	-	8	2,779	289	3,068
Prince William	6	4	8	1	-	-	19	1,254	667	1,921
Princess Anne	1	-	3	3	1	-	8	4,344	129	4,473
Pulaski	7	5	8	-	1	-	21	855	2,858	3,713
Rappahannock	1	4	5	-	1	-	11	1,013	1,323	2,336
Richmond	3	6	15	5	2	-	31	7,869	1,496	9,365
Roanoke	16	11	7	1	1	-	36	2,871	2,408	5,279
Rockbridge	8	15	10	1	1	-	35	712	3,168	3,880
Rockingham	9	23	28	1	-	-	61	2,227	3,866	6,093
Russell	6	3	4	-	1	-	14	257	1,435	1,692
Scott	13	11	13	-	-	-	37	266	1,333	1,599
Shenandoah	11	22	31	3	-	-	67	1,404	6,208	7,612
Smyth	9	5	13	2	-	-	29	1,044	2,614	3,658
Southampton	4	3	8	4	8	-	27	13,146	3,175	16,321
Spotsylvania	7	5	20	8	10	-	50	19,214	6,477	25,691
Stafford	3	3	6	2	1	-	15	1,958	1,513	3,471
Surry	3	1	8	1	4	-	17	7,749	1,078	8,827
Sussex	5	5	6	5	5	1	27	22,853	1,193	24,046
Tazewell	7	3	5	1	5	-	21	2,430	14,995	17,425
Warren	5	4	5	1	-	-	15	578	1,383	1,961
Warwick ^{1/}	4	2	3	1	1	1	12	9,429	84	9,513
Washington	12	18	11	1	2	-	44	872	7,951	8,823
Westmoreland	6	3	9	4	1	-	23	3,844	2,113	5,957
Wise	8	4	13	2	1	-	28	592	4,804	5,396
Wythe	6	-	9	-	-	-	15	393	671	1,064
York	2	-	2	3	1	-	8	2,757	1,334	4,091
Total	657	613	1204	454	328	9	3,265	813,656	397,942	1,211,598

^{1/} Warwick and Elizabeth City combined to avoid disclosing data of individual mills.

Table 11. - Number of sawmills and lumber production by mill class in West Virginia, 1942.

Mill Class	Range of Annual Production	Sawmills			Total Lumber Production			
		Number	Average Daily Production	Average Operating Time	Softwoods	Hardwoods	Total	
	M bd. ft.		M bd. ft.	Days	M bd. ft.	M bd. ft.	M bd. ft.	Percent
Idle	-	317	-	-	-	-	-	-
0	1-49	444	2	14	796	8,483	9,279	1.6
1	50-499	864	3	66	11,775	138,254	150,029	25.3
2	500-999	134	5	145	6,647	83,084	89,731	15.1
3	1,000-4,999	88	8	212	6,410	152,626	159,036	26.8
4+	5,000+	16	40	264	36,453	148,854	185,307	31.2
Total	-	1,863	5	71	62,081	531,301	593,382	100.0

Table 12. - Lumber production by species and mill class in West Virginia, 1942.

Species	Mill Class					Total	Percent
	0	1	2	3	4 +		
	M bd.ft.	M bd.ft.	M bd.ft.	M bd.ft.	M bd.ft.	M bd.ft.	
SOFTWOODS							
Cedar	5	56	-	-	-	61	Negl.
Fir, balsam	-	-	-	150	-	150	0.1
Hemlock	45	2,735	3,392	5,124	19,496	30,792	5.2
Pine, white	74	2,726	1,410	957	30	5,197	0.9
Pine, yellow	672	6,063	1,595	124	84	8,538	1.4
Spruce	-	195	250	55	16,843	17,343	2.9
Total	796	11,775	6,647	6,410	36,453	62,081	10.5
HARDWOODS							
Ash	46	1,148	774	1,926	2,398	6,292	1.1
Basswood	126	4,033	3,840	10,684	10,512	29,195	4.9
Beech	556	10,158	6,884	12,152	13,733	43,483	7.3
Birch	38	1,284	738	2,065	5,887	10,012	1.7
Chestnut	464	4,592	3,042	4,916	7,450	20,464	3.4
Cottonwood	35	302	300	575	38	1,250	0.2
Elm	32	352	10	223	87	704	0.1
Hickory	613	10,558	6,271	7,619	3,053	28,114	4.7
Maple	290	8,817	5,157	15,166	34,043	63,473	10.7
Oak	5,367	81,707	46,162	66,346	45,525	245,107	41.3
Sycamore	81	878	359	303	85	1,706	0.3
Tupelo & bl.gum	126	2,254	1,192	3,439	1,014	8,025	1.4
Walnut	45	1,327	1,186	2,918	235	5,711	1.0
Yellowpoplar	632	9,851	6,408	23,007	22,999	62,897	10.6
Other	32	993	761	1,287	1,795	4,868	0.8
Total	8,483	138,254	83,084	152,626	148,854	531,301	89.5
ALL SPECIES	9,279	150,029	89,731	159,036	185,307	593,382	100.0

Table 13. - Number of sawmills by county and their production of lumber.
West Virginia, 1942.

County	Sawmills by Class							Lumber Production		
	Idle	Operating					All Mills	Softwoods M bd. ft.	Hardwoods M bd. ft.	Total M bd. ft.
		0	1	2	3	4+				
Barbour	8	9	38	1	2	-	58	119	9,566	9,685
Berkeley	6	12	10	1	-	-	29	195	1,935	2,130
Boone	3	3	10	1	3	1	21	375	13,970	14,345
Braxton	3	3	19	1	-	-	26	57	3,151	3,208
Brooke	1	1	4	-	-	-	6	-	308	308
Cabell	3	5	8	-	-	-	16	196	933	1,129
Calhoun	12	10	4	1	-	-	27	179	954	1,133
Clay	5	5	15	2	5	1	33	1,982	15,484	17,466
Doddridge	6	5	17	-	-	-	28	15	2,395	2,410
Fayette	8	3	17	4	4	1	37	1,684	17,662	19,346
Gilmer	3	1	12	3	-	-	19	174	4,115	4,289
Grant	5	3	14	-	3	-	25	714	4,519	5,233
Greenbrier	11	12	22	6	4	1	56	1,861	39,150	41,011
Hampshire	3	21	36	2	-	-	62	1,759	4,398	6,157
Hancock	-	-	-	-	-	-	-	-	-	-
Hardy	4	9	21	3	-	-	37	1,217	3,666	4,883
Harrison	6	8	14	2	2	-	32	83	6,876	6,959
Jackson	13	13	7	-	-	-	33	278	1,088	1,366
Jefferson	-	2	5	-	-	-	7	54	626	680
Kanawha	10	9	27	4	4	-	54	956	15,861	16,817
Lewis	7	6	19	-	2	-	34	1	7,100	7,101
Lincoln	7	13	27	1	-	-	48	155	4,413	4,568
Logan	4	3	10	2	5	1	25	5	18,203	18,208
McDowell	2	-	14	12	13	1	42	5,216	36,564	41,780
Marion	9	21	20	-	-	-	50	-	4,209	4,209
Marshall	4	15	12	1	-	-	32	-	2,274	2,274
Mason	7	6	5	-	-	-	18	64	685	749
Mercer	3	12	27	8	1	-	51	647	15,213	15,860
Mineral	10	10	8	-	1	-	29	237	3,203	3,440
Mingo	5	10	28	5	3	-	51	513	16,049	16,562
Monongalia	9	5	16	-	1	-	31	10	6,050	6,060
Monroe	5	15	15	2	1	-	38	787	4,928	5,715
Morgan	5	7	18	-	-	-	30	923	2,483	3,406
Nicholas	4	5	7	4	2	5	27	19,265	48,670	67,935
Ohio	-	3	2	-	-	-	5	-	152	152
Pendleton	3	3	24	12	-	-	42	2,491	10,140	12,631
Pleasants	5	3	5	-	-	-	13	462	637	1,099
Pocahontas	3	1	12	4	1	1	22	10,338	13,950	24,288
Preston	13	18	64	18	5	-	118	889	33,096	33,985
Putnam	5	11	7	-	-	-	23	140	1,059	1,199
Raleigh	2	5	23	4	6	-	40	555	15,573	16,128
Randolph	10	12	27	4	6	1	60	747	29,566	30,313
Ritchie	9	12	14	-	1	-	36	337	3,876	4,213
Roane	8	17	7	1	-	-	33	20	1,701	1,721

Table 13. - West Virginia (cont.)

County	Sawmills by Class							Lumber Production		
	Idle	Operating					All Mills	Softwoods	Hardwoods	Total
		0	1	2	3	4+		M bd. ft.	M bd. ft.	M bd. ft.
Summers	6	4	25	4	3	-	42	2,062	13,455	15,517
Taylor	7	11	13	-	2	-	33	5	4,928	4,933
Tucker	9	14	10	1	-	-	34	31	1,902	1,933
Tyler	6	4	10	1	-	-	21	14	2,187	2,201
Upshur	4	7	20	3	1	-	35	88	6,838	6,926
Wayne	6	6	29	4	1	-	46	581	10,902	11,483
Webster	6	3	5	1	1	2	18	2,598	30,220	32,818
Wetzel	17	17	12	2	-	-	48	2	3,835	3,837
Wirt	1	9	8	-	-	-	18	327	1,878	2,205
Wood	2	19	10	1	-	-	32	205	2,814	3,019
Wyoming	4	3	11	8	5	1	32	468	25,891	26,359
Total	317	444	864	134	88	16	1,863	62,081	531,301	593,382

Table 14. - Number of sawmills and lumber production by mill class in Kentucky, 1942.

Mill Class	Range of Annual Production	Sawmills			Total Lumber Production			
		Number	Average Daily Production	Average Operating Time	Softwoods	Hardwoods	Total	
							M bd. ft.	Percent
Idle	-	444	-	-	-	-	-	-
0	1-49	713	2	11	1,332	13,847	15,179	3.2
1	50-499	906	3	54	26,476	121,480	147,956	31.6
2	500-999	157	5	127	17,018	89,928	106,946	22.9
3	1,000-4,999	80	10	178	9,396	128,944	138,340	29.6
4+	5,000 +	7	30	292	12,868	46,706	59,574	12.7
Total	-	2,307	5	51	67,090	400,905	467,995	100.0

Table 15. - Lumber production by species and mill class in Kentucky, 1942.

Species	Mill Class					Total	Percent
	0	1	2	3	4 +		
	M bd.ft.	M bd.ft.	M bd. ft.	M bd.ft.	M bd.ft.	M bd. ft.	
SOFTWOODS							
Cedar	46	2,243	914	257	-	3,460	0.7
Cypress	30	614	607	200	2,297	3,748	0.8
Hemlock	50	1,241	3,027	1,517	4,178	10,013	2.1
Pine, white	134	1,669	285	200	1,435	3,723	0.8
Pine, yellow	1,072	20,709	12,185	7,222	4,958	46,146	9.9
Total	1,332	26,476	17,018	9,396	12,868	67,090	14.3
HARDWOODS							
Ash	67	1,091	841	1,303	2,301	5,603	1.2
Basswood	105	2,123	1,817	4,996	1,954	10,995	2.3
Beech	983	14,263	15,545	15,207	3,302	49,300	10.5
Birch	5	379	188	496	24	1,092	0.2
Chestnut	101	581	434	1,731	235	3,082	0.7
Cottonwood	55	629	882	92	605	2,263	0.5
Elm	87	941	845	660	500	3,033	0.6
Gum, red	432	3,612	3,652	4,583	227	12,506	2.7
Hickory	341	4,125	2,327	3,590	185	10,568	2.3
Maple	161	2,981	3,936	7,402	2,258	16,738	3.6
Oak	9,423	73,410	44,496	65,689	25,167	218,185	46.6
Sycamore	183	1,413	1,478	1,087	51	4,212	0.9
Tupelo & bl. gum	126	1,037	897	1,534	4	3,598	0.8
Walnut	147	1,235	995	1,799	1,271	5,447	1.2
Yellowpoplar	1,585	13,166	10,893	17,382	8,260	51,286	11.0
Other	46	494	702	1,393	362	2,997	0.6
Total	13,847	121,480	89,928	128,944	46,706	400,905	85.7
ALL SPECIES	15,179	147,956	106,946	138,340	59,574	467,995	100.0

Table 16. - Number of sawmills by county and their production of lumber.
Kentucky, 1942.

County	Sawmills by Class							Lumber Production		
	Idle	Operating					All Mills	Softwoods	Hardwoods	Total
		0	1	2	3	4+		M bd. ft.	M bd. ft.	M bd. ft.
Adair	6	10	8	8	4	-	36	10	12,351	12,361
Allen	6	4	5	1	2	-	18	75	3,176	3,251
Anderson	-	3	2	-	-	-	5	-	185	185
Ballard	3	3	2	4	2	-	14	250	5,707	5,957
Barren	3	6	5	2	-	-	16	13	3,734	3,747
Bath ^{1/}	1	5	4	1	-	-	11	334	899	1,233
Bell	10	6	19	7	1	-	43	239	9,426	9,665
Boone	3	4	1	-	-	-	8	1	127	128
Bourbon	-	-	-	-	-	-	-	-	-	-
Boyd	-	-	10	-	1	-	11	110	4,245	4,355
Boyle	1	6	-	-	-	-	7	-	63	63
Bracken	3	3	-	-	-	-	6	-	59	59
Breathitt	8	8	9	2	-	-	27	13	2,515	2,528
Breckenridge	10	12	8	-	-	-	30	1	1,556	1,557
Bullitt	-	8	4	-	-	-	12	110	726	836
Butler	8	7	3	2	1	-	21	-	3,803	3,803
Caldwell	2	2	5	-	1	-	10	35	2,635	2,670
Calloway	13	8	6	-	-	-	27	10	1,425	1,435
Campbell	2	6	-	-	-	-	8	-	106	106
Carlisle	4	2	6	-	-	-	12	40	1,414	1,454
Carter	8	9	10	1	-	-	28	197	1,925	2,122
Casey	9	20	30	3	-	-	62	72	6,841	6,913
Christian	5	10	6	5	1	-	27	10	5,699	5,709
Clark	1	3	4	-	-	-	8	212	829	1,041
Clay	4	12	10	1	2	-	29	245	4,070	4,315
Clinton	2	4	12	1	-	-	19	201	2,676	2,877
Crittenden	5	4	4	1	-	-	14	-	1,604	1,604
Cumberland	4	7	10	1	-	-	22	520	2,048	2,568
Daviess	-	2	3	1	2	-	8	-	3,725	3,725
Edmonson	3	1	8	-	-	-	12	53	716	769
Elliott	7	5	13	-	-	-	25	300	1,497	1,797
Estill	10	13	9	2	-	-	34	1,075	1,590	2,665
Fleming	4	8	3	-	-	-	15	-	560	560
Floyd	11	7	15	3	-	-	36	6	4,954	4,960
Franklin	3	4	1	-	-	-	8	1	122	123
Fulton	-	5	1	1	-	1	8	2,642	7,032	9,674
Garrard	-	5	3	-	-	-	8	45	183	228
Grant	1	5	1	-	-	-	7	-	159	159
Graves	4	7	7	-	-	-	18	25	2,375	2,400
Grayson	8	9	4	-	-	-	21	-	712	712
Green	4	9	8	1	-	-	22	17	1,665	1,682

^{1/} Bath and Nicholas combined to avoid disclosing data of individual mills.

Table 16. - Kentucky (cont.)

County	Sawmills by Class							Lumber Production		
	Idle	Operating					All Mills	Softwoods M bd. ft.	Hardwoods M bd. ft.	Total M bd. ft.
		0	1	2	3	4+				
Greenup	3	14	14	-	-	-	31	402	1,679	2,081
Hancock	-	2	3	-	-	-	5	-	793	793
Harlan	10	5	17	11	4	2	49	1,385	37,185	38,570
Harrison	2	4	3	-	-	-	9	-	165	165
Hart	2	5	3	-	-	-	10	-	554	554
Henderson	5	1	4	-	-	-	10	-	619	619
Henry	-	3	2	-	-	-	5	300	220	520
Hickman	1	1	6	2	1	-	11	200	4,005	4,205
Hopkins	6	6	9	3	4	-	28	-	8,885	8,885
Jackson	4	3	12	1	-	-	20	1,344	1,523	2,867
Jefferson ^{1/}	1	4	4	2	2	1	14	115	11,821	11,936
Jessamine ^{1/}	-	3	2	-	-	-	5	15	235	250
Johnson	4	6	9	-	-	-	19	61	1,713	1,774
Kenton	2	3	-	-	-	-	5	-	63	63
Knott	3	7	24	1	1	-	36	-	5,610	5,610
Knox ^{2/}	14	12	9	-	3	1	39	200	17,099	17,299
Larue ^{2/}	2	6	5	-	-	-	13	-	905	905
Laurel	9	6	23	5	3	-	46	8,737	2,761	11,498
Lawrence	3	12	10	4	1	-	30	609	7,462	8,071
Lee	5	3	5	-	-	-	13	285	466	751
Leslie	3	10	6	2	5	-	26	350	9,270	9,620
Letcher	3	4	12	5	3	-	27	1,110	9,735	10,845
Lewis	8	13	17	-	1	-	39	184	4,903	5,087
Lincoln	3	13	12	1	-	-	29	1,071	1,956	3,027
Livingston	2	-	3	2	1	-	8	-	3,509	3,509
Logan	4	3	9	2	2	-	20	521	5,770	6,291
Lyon	3	1	5	1	-	-	10	50	1,193	1,243
McCracken	2	2	4	4	-	-	12	26	2,824	2,850
McCreary	1	4	17	7	4	1	34	20,288	7,614	27,902
McLean	2	2	6	-	-	-	10	-	748	748
Madison	2	8	5	-	-	-	15	207	416	623
Magoffin	3	5	15	2	-	-	25	106	4,466	4,572
Marion	3	7	6	1	-	-	17	40	2,199	2,239
Marshall	8	13	7	-	-	-	28	11	1,020	1,031
Martin ^{3/}	-	1	7	-	-	-	8	195	998	1,193
Mason ^{3/}	1	2	2	-	-	-	5	-	236	236
Meade	3	5	6	1	-	-	15	77	1,282	1,359
Menifee	3	2	8	5	-	-	18	1,381	2,722	4,103
Mercer	2	3	2	-	-	-	7	-	151	151
Metcalfe	4	15	9	-	1	-	29	183	2,726	2,909
Monroe	7	9	8	8	2	-	34	62	9,823	9,885

^{1/} Jessamine and Fayette combined to avoid disclosing data of individual mills.^{2/} Larue and Hardin combined to avoid disclosing data of individual mills.^{3/} Mason and Robertson combined to avoid disclosing data of individual mills.

Table 16. - Kentucky (cont.)

County	Sawmills by Class							Lumber Production		
	Idle	Operating					All Mills	Softwoods	Hardwoods	Total
		0	1	2	3	4+		M bd. ft.	M bd. ft.	M bd. ft.
Montgomery	3	4	2	-	-	-	9	60	194	254
Morgan	5	9	13	1	-	-	28	425	2,143	2,568
Muhlenberg	20	24	26	4	3	-	77	72	9,913	9,985
Nelson	5	21	7	-	-	-	33	391	726	1,117
Ohio	8	10	11	5	1	-	35	10	6,278	6,288
Oldham	-	2	3	-	-	-	5	1	277	278
Owen ^{1/}	4	2	1	-	-	-	7	-	233	233
Owsley	2	5	6	-	2	-	15	739	6,096	6,835
Pendleton	2	4	1	-	-	-	7	-	148	148
Perry	6	14	19	2	1	1	43	2,208	17,979	20,187
Pike	18	31	36	5	10	-	100	315	26,511	26,826
Powell	3	3	17	1	-	-	24	1,850	2,123	3,973
Pulaski	10	9	38	5	2	-	64	6,396	5,669	12,065
Rockcastle	2	12	15	1	-	-	30	714	1,943	2,657
Rowan	4	8	14	1	1	-	28	1,009	2,068	3,077
Russell	4	8	11	2	1	-	26	621	5,825	6,446
Scott ^{2/}	1	2	1	-	-	-	4	-	68	68
Shelby	2	3	1	-	-	-	6	-	138	138
Simpson	-	3	3	-	-	-	6	-	454	454
Spencer	1	1	2	-	-	-	4	-	181	181
Taylor	1	7	4	1	-	-	13	-	1,347	1,347
Todd	3	15	6	2	-	-	26	23	2,704	2,727
Trigg	1	2	10	1	1	-	15	-	4,479	4,479
Trimble ^{3/}	6	10	3	-	-	-	19	6	431	437
Union	2	2	2	-	1	-	7	35	2,128	2,163
Warren	2	4	9	-	-	-	15	480	1,120	1,600
Washington	-	4	1	-	-	-	5	2	129	131
Wayne	1	3	12	5	2	-	23	771	10,477	11,248
Webster	3	3	4	-	-	-	10	-	715	715
Whitley	4	4	33	3	-	-	44	4,513	4,362	8,875
Wolfe	2	4	6	-	-	-	12	72	1,588	1,660
Total	444	713	906	157	80	7	2,307	67,090	400,905	467,995

^{1/} Owen and Gallatin combined to avoid disclosing data of individual mills.

^{2/} Scott and Woodford combined to avoid disclosing data of individual mills.

^{3/} Trimble and Carroll combined to avoid disclosing data of individual mills.

Table 17. - Number of sawmills and lumber production by mill class in Tennessee, 1942

Mill Class	Range of Annual Production	Sawmills			Total Lumber Production			
		Number	Average Daily Production	Average Operating Time	Softwoods	Hardwoods	Total	
	M bd. ft.		M bd. ft.	Days	M bd. ft.	M bd. ft.	M bd. ft.	Percent
Idle	-	499	-	-	-	-	-	-
0	1-49	555	2	10	3,666	8,974	12,640	1.7
1	50-499	1,016	4	49	71,708	115,843	187,551	25.1
2	500-999	280	6	118	90,652	99,139	189,791	25.4
3	1,000-4,999	155	9	186	70,329	179,007	249,336	33.4
4+	5,000+	13	33	254	23,998	83,909	107,907	14.4
Total	-	2,518	6	59	260,353	486,872	747,225	100.0

Table 18. - Lumber production by species and mill class in Tennessee, 1942.

Species	Mill Class					Total	Percent
	0	1	2	3	4 +		
	M bd.ft.	M bd.ft.	M bd.ft.	M bd.ft.	M bd.ft.	M bd. ft.	
SOFTWOODS							
Cedar	136	3,695	3,022	5,926	-	12,779	1.7
Cypress	185	1,645	981	2,677	14,134	19,622	2.6
Hemlock	30	2,404	3,387	2,565	1,170	9,556	1.3
Pine, white	357	5,422	4,582	3,730	1,790	15,881	2.1
Pine, yellow	2,958	58,542	78,680	55,431	6,904	202,515	27.1
Total	3,666	71,708	90,652	70,329	23,998	260,353	34.8
HARDWOODS							
Ash	30	727	1,024	2,074	3,588	7,443	1.0
Basswood	2	845	1,225	1,559	1,469	5,100	0.7
Beech	515	7,462	8,544	15,755	3,065	35,341	4.7
Birch	1	322	116	310	525	1,274	0.2
Chestnut	195	2,050	1,003	713	782	4,743	0.6
Cottonwood	66	701	474	1,016	7,144	9,401	1.3
Elm	215	1,509	1,214	3,303	1,684	7,925	1.1
Gum, red	700	9,829	8,198	16,130	5,058	39,915	5.3
Hickory	80	2,743	1,468	5,074	2,849	12,214	1.6
Maple	143	2,658	1,880	5,275	5,717	15,673	2.1
Oak	5,470	68,467	58,250	100,057	36,115	268,359	35.9
Sycamore	96	1,426	840	2,347	2,033	6,742	0.9
Tupelo & bl. gum	142	1,978	2,045	3,129	1,298	8,592	1.2
Walnut	99	1,115	999	1,873	1,752	5,838	0.8
Yellowpoplar	1,193	13,377	11,655	19,259	8,449	53,933	7.2
Other	27	634	204	1,133	2,381	4,379	0.6
Total	8,974	115,843	99,139	179,007	83,909	486,872	65.2
ALL SPECIES	12,640	187,551	189,791	249,336	107,907	747,225	100.0

Table 19. - Number of sawmills by county and their production of lumber.
Tennessee, 1942.

County	Sawmills by Class							Lumber Production		
	Idle	Operating					All Mills	Softwoods	Hardwoods	Total
		0	1	2	3	4+		M bd. ft.	M bd. ft.	M bd. ft.
Anderson	7	8	19	-	-	-	34	872	1,422	2,294
Bedford	5	5	4	1	-	-	15	948	723	1,671
Benton	11	3	8	-	2	-	24	72	5,811	5,883
Bledsoe	3	2	18	1	1	-	25	2,313	2,904	5,217
Blount	6	11	16	3	3	-	39	5,888	3,127	9,015
Bradley	1	3	24	11	1	-	40	14,011	1,420	15,431
Campbell	2	4	11	3	2	-	22	1,250	9,305	10,555
Cannon	3	7	6	-	1	-	17	155	1,598	1,753
Carroll	5	6	7	-	2	-	20	10	3,971	3,981
Carter	5	6	12	2	1	-	26	1,812	3,279	5,091
Cheatham	4	8	3	1	-	-	16	-	1,239	1,239
Chester	-	5	4	2	-	-	11	346	1,685	2,031
Claiborne	10	14	19	1	-	-	44	1,036	1,792	2,828
Clay	-	2	4	4	2	-	12	100	5,195	5,295
Cocke	10	9	12	3	-	-	34	3,105	2,962	6,067
Coffee	10	7	13	-	2	-	32	2	5,888	5,890
Crockett	2	3	5	-	-	-	10	45	492	537
Cumberland	2	3	20	8	1	-	34	6,423	4,727	11,150
Davidson	6	1	6	2	-	1	16	300	10,184	10,484
Decatur	5	3	5	4	3	-	20	1,685	6,696	8,381
DeKalb	3	5	6	-	-	-	14	106	438	544
Dickson	5	9	11	4	1	-	30	2	7,056	7,058
Dyer	1	7	6	1	-	1	16	1,069	7,005	8,074
Fayette	5	8	12	1	-	-	26	774	2,088	2,862
Fentress	1	-	10	11	8	-	30	19,631	4,711	24,342
Franklin	2	7	18	2	-	-	29	411	3,928	4,339
Gibson	4	6	12	1	1	-	24	432	3,305	3,737
Giles	7	9	7	-	-	-	23	51	1,066	1,117
Grainger	2	11	15	4	-	-	32	2,550	2,773	5,323
Greene	14	29	18	2	1	-	64	1,718	3,802	5,520
Grundy	3	2	14	5	2	-	26	6,622	2,435	9,057
Hamblen	9	8	4	-	-	-	21	369	411	780
Hamilton	11	13	26	5	6	-	61	11,209	7,186	18,395
Hancock	4	3	13	3	-	-	23	423	3,974	4,397
Hardeman	6	4	20	9	6	-	45	4,216	15,435	19,651
Hardin	6	2	19	9	3	-	39	5,487	8,959	14,446
Hawkins	11	23	15	2	-	-	51	1,465	2,156	3,621
Haywood	3	2	7	-	1	-	13	123	3,429	3,552
Henderson	5	6	7	2	5	-	25	517	9,672	10,189
Henry	11	16	11	4	1	-	43	123	6,580	6,703
Hickman	1	9	9	5	4	-	28	230	10,919	11,149
Houston	1	4	4	2	4	-	15	15	8,012	8,027
Humphreys	9	4	12	-	2	-	27	291	5,006	5,297
Jackson	6	2	9	-	3	-	20	174	6,017	6,191
Jefferson	10	4	10	2	2	-	28	2,253	7,288	9,541
Johnson	11	10	18	3	-	-	42	2,503	2,968	5,471
Knox	19	13	18	-	2	1	53	3,261	14,862	18,123
Lake	-	-	1	1	1	-	3	275	4,075	4,350
Lauderdale	-	4	5	1	1	-	11	391	3,045	3,436

Table 19. - Tennessee (cont.)

County	Sawmills by Class							Lumber Production		
	Idle	Operating					All Mills	Softwoods	Hardwoods	Total
		0	1	2	3	4+		M bd. ft.	M bd. ft.	M bd. ft.
Lawrence	9	14	19	4	1	-	47	66	8,362	8,428
Lewis	4	-	7	-	-	-	11	30	1,732	1,762
Lincoln	10	10	8	-	-	-	28	49	976	1,025
Loudon	6	7	5	4	-	-	22	2,539	1,327	3,866
McMinn	7	8	17	6	3	-	41	7,863	2,588	10,451
McNairy	5	5	15	6	8	-	39	3,201	15,172	18,373
Macon	6	7	13	8	-	-	34	-	7,600	7,600
Madison	3	8	9	-	3	1	24	162	15,063	15,225
Marion	5	4	16	5	1	-	31	5,665	2,736	8,401
Marshall	7	4	5	-	1	-	17	1,834	695	2,529
Maury	8	8	5	2	-	-	23	1,086	1,376	2,462
Meigs	6	1	7	2	1	-	17	3,523	875	4,398
Monroe	11	6	21	2	1	-	41	4,788	1,305	6,093
Montgomery	4	9	1	1	2	-	17	-	3,874	3,874
Moore	1	1	2	-	1	-	5	-	1,679	1,679
Morgan	9	5	17	17	10	-	58	25,509	7,281	32,790
Obion	2	6	4	-	2	-	14	2,182	2,451	4,633
Overton	4	2	16	3	3	-	28	1,663	8,596	10,259
Perry	4	3	9	7	1	-	24	137	8,902	9,039
Pickett	1	-	4	1	1	-	7	195	3,092	3,287
Polk	2	1	12	9	1	1	26	10,151	4,990	15,141
Putnam	12	2	7	1	3	-	25	1,253	6,131	7,384
Rhea	4	3	5	9	2	1	24	15,131	2,983	18,114
Roane	9	6	21	9	-	-	45	7,929	2,849	10,778
Robertson	2	6	11	2	1	-	22	-	4,425	4,425
Rutherford	2	1	1	-	-	-	4	-	97	97
Scott	-	5	18	16	5	1	45	17,828	12,341	30,169
Sequatchie	5	4	14	-	2	-	25	3,420	2,099	5,519
Sevier	6	6	11	5	3	-	31	5,669	3,700	9,369
Shelby	-	5	5	2	4	5	21	14,391	51,339	65,730
Smith	4	6	5	-	-	-	15	127	643	770
Stewart	9	6	10	5	1	-	31	-	6,488	6,488
Sullivan	14	9	10	-	-	1	34	714	8,635	9,349
Sumner	2	3	14	3	-	-	22	209	3,677	3,886
Tipton	4	4	5	-	-	-	13	86	518	604
Trousdale	-	1	3	-	-	-	4	321	138	459
Unicoi	5	3	16	-	-	-	24	1,175	1,935	3,110
Union	7	4	6	-	-	-	17	472	355	827
Van Buren	-	1	4	1	-	-	6	1,619	592	2,211
Warren	5	4	7	3	6	-	25	490	11,447	11,937
Washington	9	10	18	3	-	-	40	1,856	2,772	4,628
Wayne	6	10	28	8	10	-	62	8,782	13,798	22,580
Weakley	3	2	10	2	1	-	18	312	3,823	4,135
White	2	7	12	6	2	-	29	454	9,579	10,033
Williamson	3	3	3	2	-	-	11	6	1,972	1,978
Wilson	5	5	7	1	-	-	18	402	843	1,245
Total	499	555	1,016	280	155	13	2,518	260,353	486,872	747,225

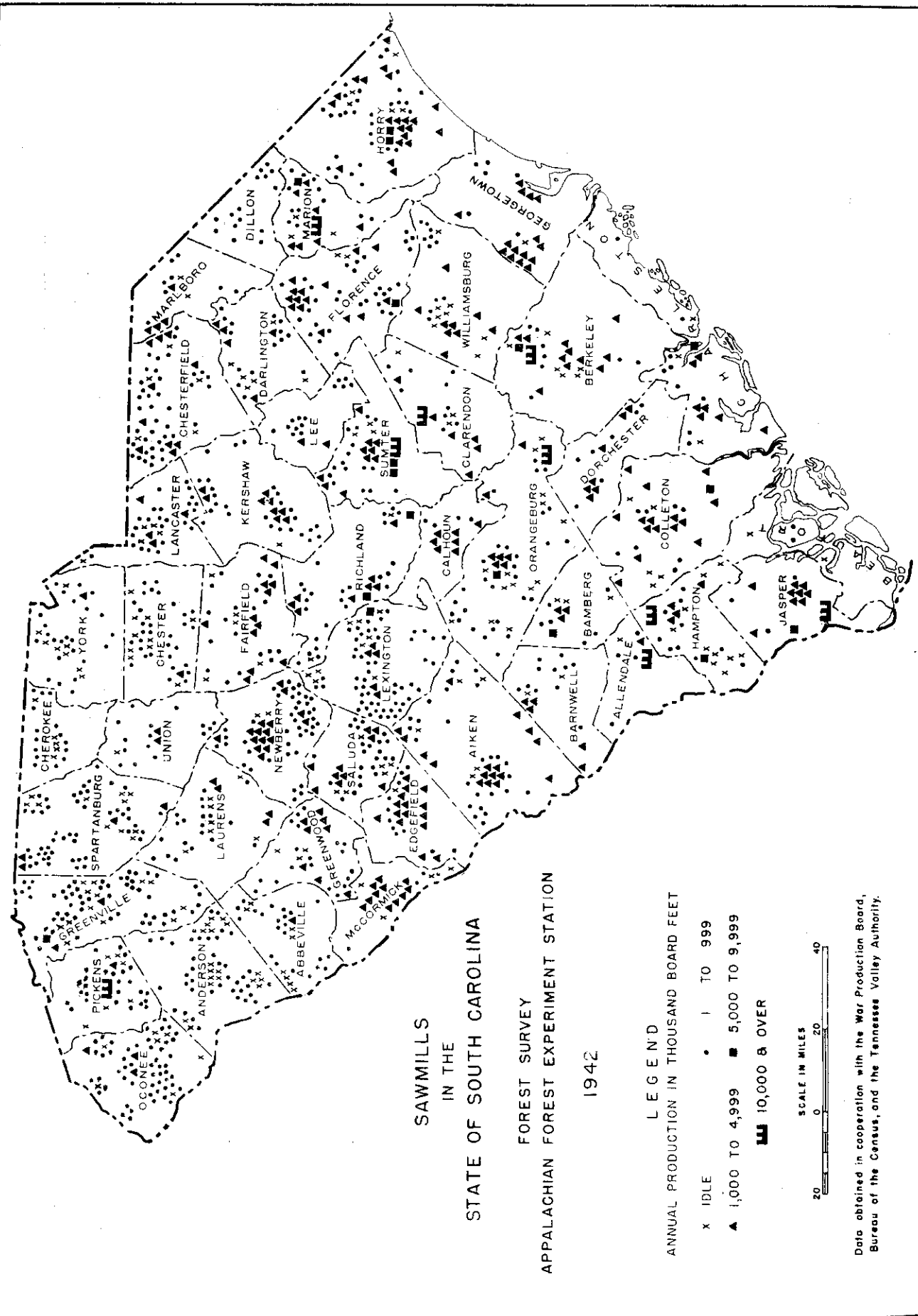
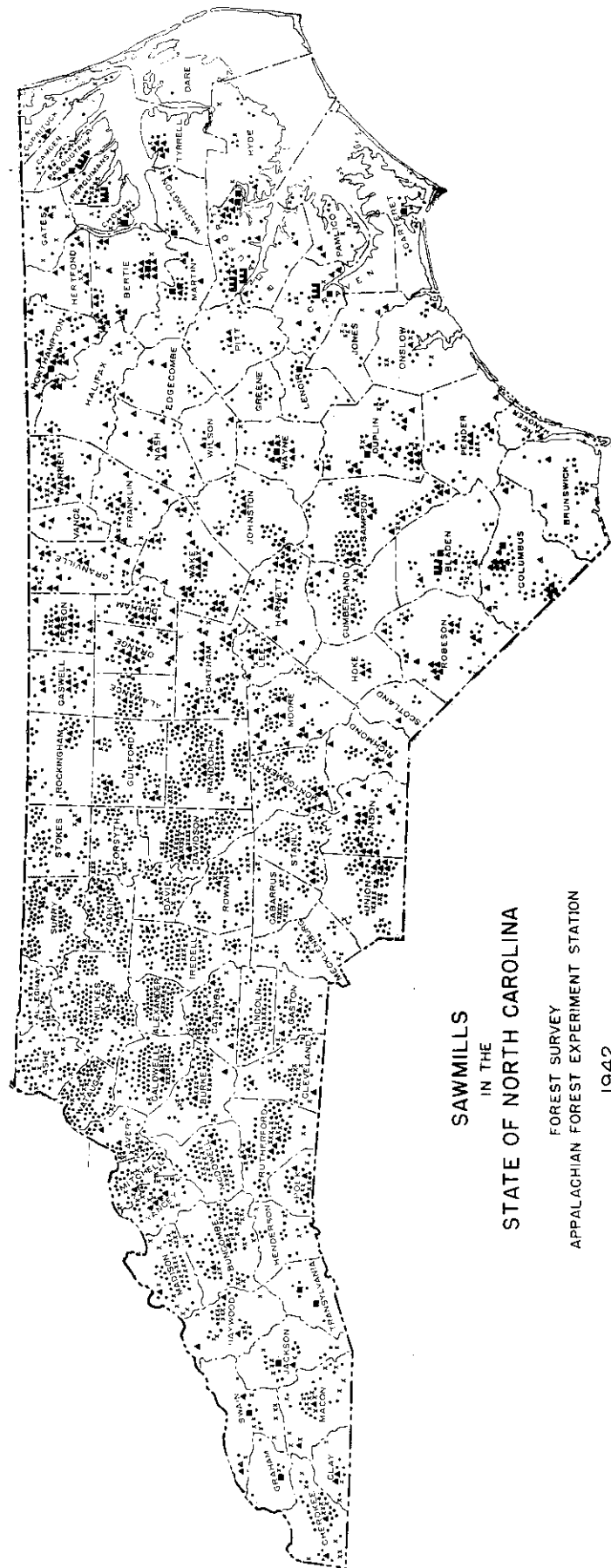


FIGURE 1



**SAWMILLS
IN THE
STATE OF NORTH CAROLINA
FOREST SURVEY
APPALACHIAN FOREST EXPERIMENT STATION
1942**

LEGEND
ANNUAL PRODUCTION IN THOUSAND BOARD FEET
x IDLE • 1 TO 999
▲ 1,000 TO 4,999 ■ 5,000 TO 9,999
▬ 10,000 & OVER

SCALE IN MILES
0 20 40

Data obtained in cooperation with the War Production Board,
Bureau of the Census, and the Tennessee Valley Authority.

FIGURE 2

FOREST SURVEY
APPALACHIAN FOREST EXPERIMENT STATION
1942

LEGEND
ANNUAL PRODUCTION IN THOUSAND BOARD FEET

x IDLE • 1 TO 999
▲ 1,000 TO 4,999 ■ 5,000 TO 9,999
■ 10,000 & OVER

SCALE IN MILES

20 0 20 40

Data obtained in cooperation with the War Production Board,
Bureau of the Census, and the Tennessee Valley Authority:

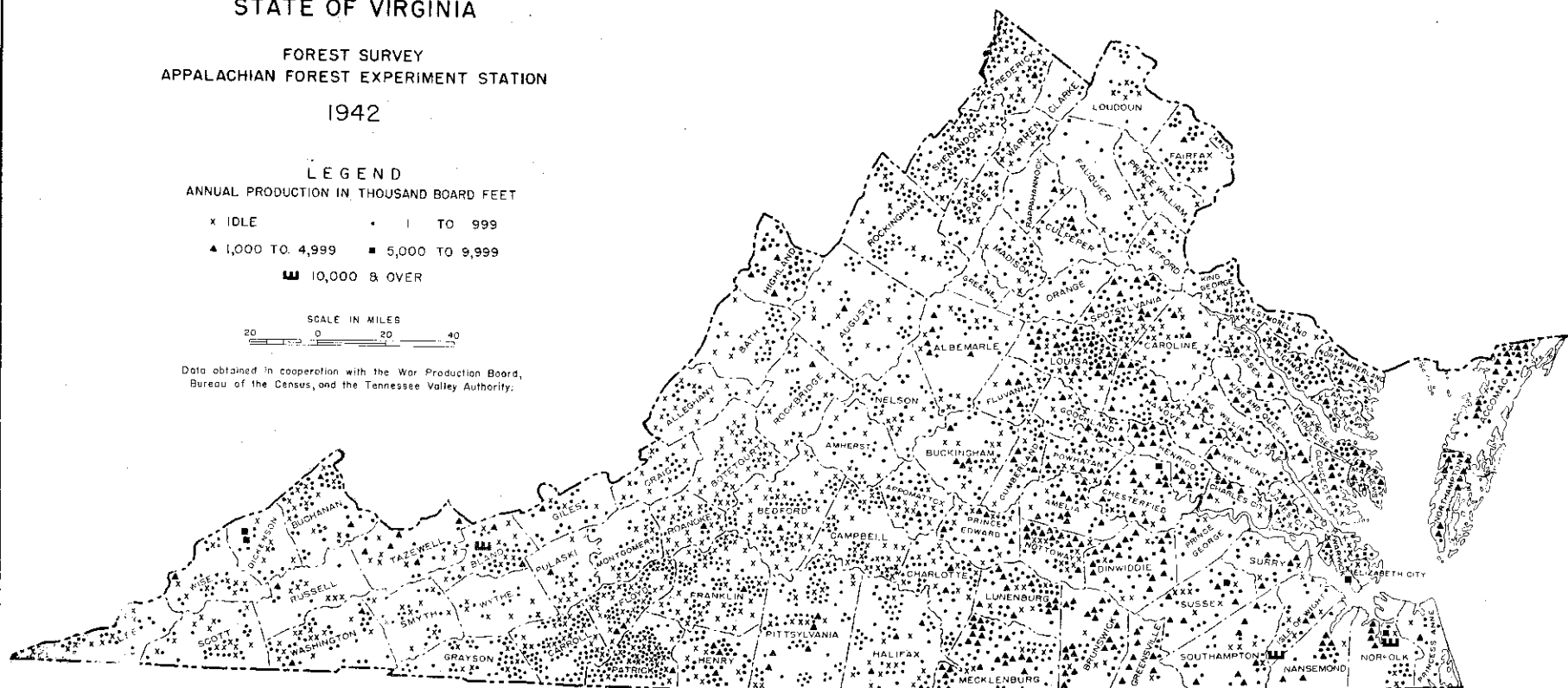


FIGURE 3

SAWMILLS IN THE STATE OF WEST VIRGINIA

FOREST SURVEY
APPALACHIAN FOREST EXPERIMENT STATION

1942

LEGEND
ANNUAL PRODUCTION IN THOUSAND BOARD FEET

- x IDLE • 1 TO 999
- ▲ 1,000 TO 4,999 ■ 5,000 TO 9,999
- 10,000 & OVER



Data obtained in cooperation with the War Production Board,
Bureau of the Census, and the Tennessee Valley Authority.

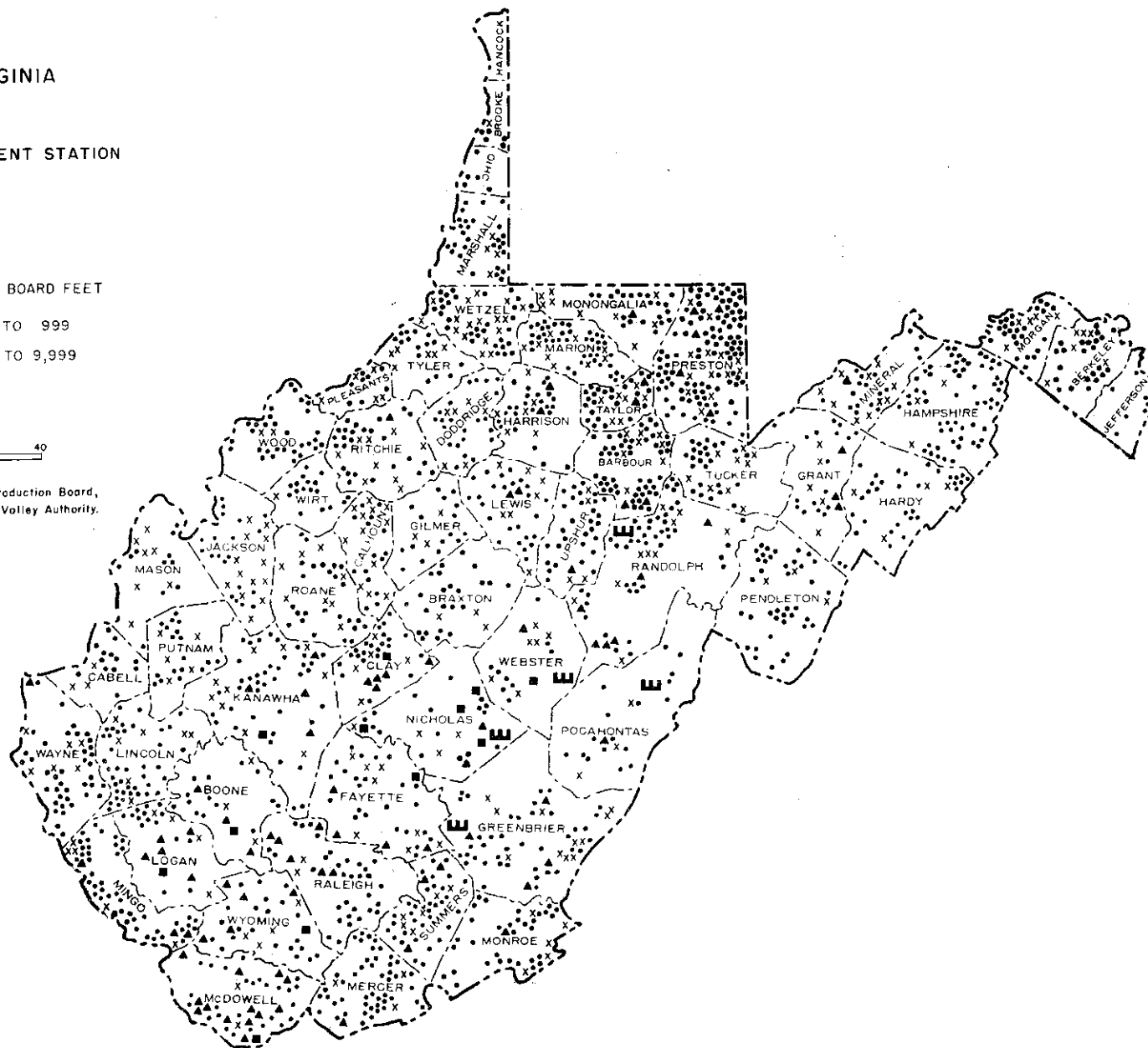


FIGURE 4

SAWMILLS IN THE STATE OF KENTUCKY

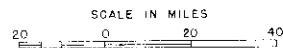
FOREST SURVEY
APPALACHIAN FOREST EXPERIMENT STATION

1942

LEGEND

ANNUAL PRODUCTION IN THOUSAND BOARD FEET

- x 100E • 1 TO 999
- ▲ 1,000 TO 4,999 ■ 5,000 TO 9,999
- 10,000 & OVER



Data obtained in cooperation with the War Production Board,
Bureau of the Census, and the Tennessee Valley Authority.

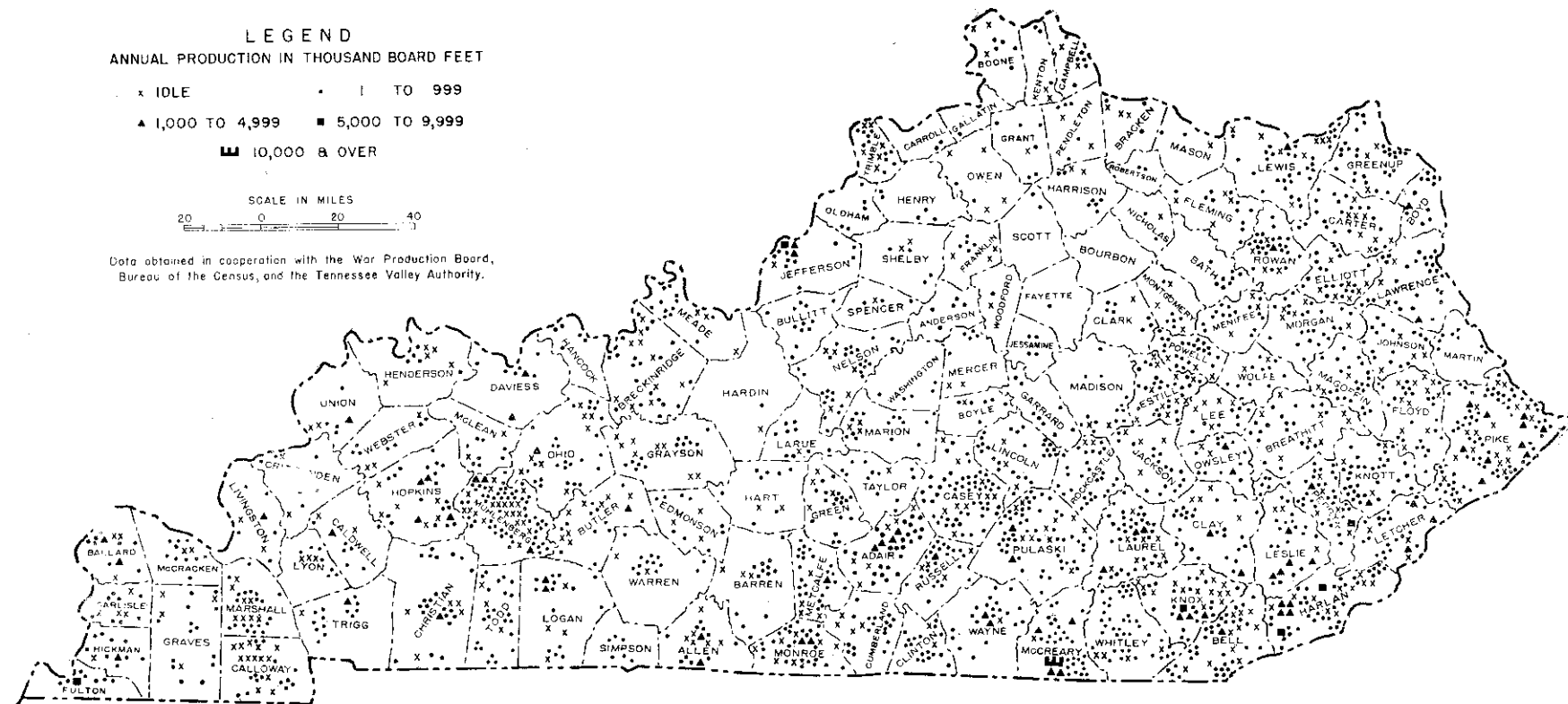
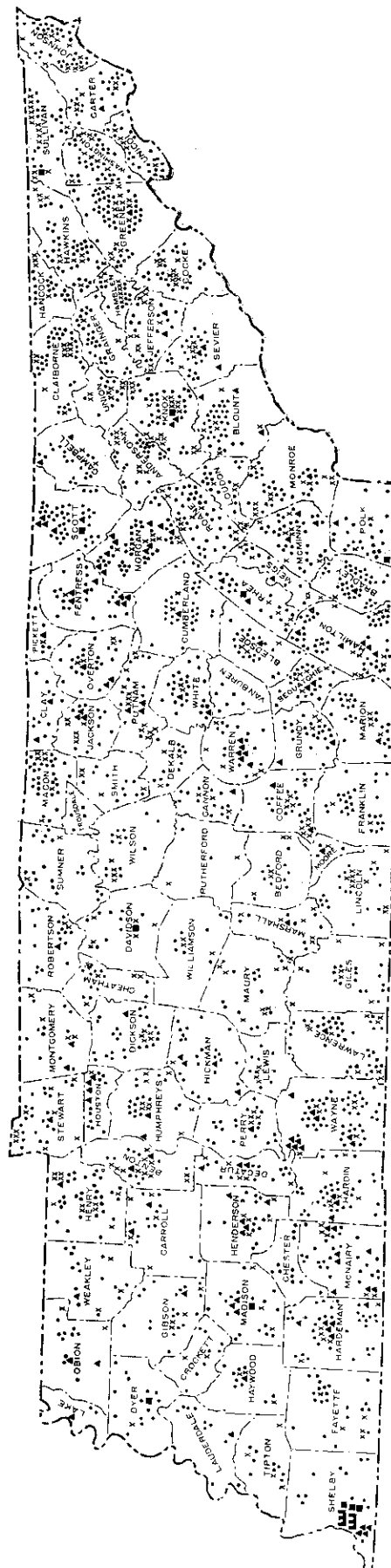


FIGURE 5



SAWMILLS
IN THE
STATE OF TENNESSEE
FOREST SURVEY
APPALACHIAN FOREST EXPERIMENT STATION
1942

LEGEND
ANNUAL PRODUCTION IN THOUSAND BOARD FEET
• IDLE
▲ 1,000 TO 4,999
■ 5,000 TO 9,999
■ 10,000 & OVER

SCALE IN MILES
0 20 40

Data obtained in cooperation with the War Production Board,
Bureau of the Census, and the Tennessee Valley Authority.

FIGURE 6