

**Report of**  
**FOREST AND WINDBARRIER PLANTING**  
**IN THE UNITED STATES** **1960**

Compiled from information furnished by the State Foresters and other appropriate public officials of each state and federal agency concerned.



U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE  
WASHINGTON 25, D. C.

Washington 25, D.C.  
December, 1960

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REPORT OF FOREST AND WINDBARRIER PLANTING  
IN THE UNITED STATES  
(July 1, 1959 - June 30, 1960)

Acres Planted--Fiscal Year 1960 and Previous Years

Tree planting during the fiscal year 1960 (July 1, 1959 - June 30, 1960) as reported by various public agencies, principally the State Foresters, was as follows:

	<u>Acres</u>
Forest plantings	2,102,094 *
Windbarrier plantings	<u>35,366</u>
Total	2,137,460**

Tree planting continued at a high level but failed to show an increase over the previous year for the first time in 9 years. The 2,137,460 acres planted is more than double the acreage planted in 1956. Forest plantings show a decrease of 16,377 acres while windbarrier plantings show an increase of 2,094 acres for a net decrease of 14,283 acres or two-thirds of one percent. Tree planting on land withdrawn from agricultural production through Conservation Reserve Soil Bank contracts again is responsible for a large part of the acreage planted in 1960 in excess of that planted in 1956.

Comparable figures for several of the past years are as follows:

<u>Year</u>	<u>Acres</u>
1960	2,137,460
1959	2,151,743
1958	1,568,708
1957	1,170,990
1956	915,428
1955	812,588
1954	811,066
1953	715,548
1952	522,935
1951	456,368
1950	497,507
1940	519,051
1930	138,970

\*Includes 164,523 acres planted by direct seeding.

\*This does not represent the area satisfactorily reforested or established to windbarriers, for some of the plantings or seedlings are unsuccessful.

The total amount of planting in each State is shown by class of owners and purpose in Table 5 of this report. More than 50,000 acres were planted in 1960 in each of the following 13 States:

	<u>Acres</u>
Georgia	330,196
Florida	198,963
Louisiana	190,751
South Carolina	187,700
Alabama	186,148
Mississippi	171,105
Oregon	120,597
North Carolina	72,916
Arkansas	72,607
Washington	68,874
Texas	68,596
Michigan	53,953
Wisconsin	52,104
	1,774,510 -- 83% of the national total

Comparison of the 1960 with the 1959 figures shows changes in planting activity by the three broad ownership classes as follows:

The Federal Government planted 173,486 acres of forest and 1,007 acres of windbarriers in 1960 on lands administered by its various agencies; a total of 174,493 acres. This is 5,326 acres or 3 percent more than in 1959. (Federal windbarrier planting decreased 550 acres.)

The States and other non-Federal public agencies planted 91,216 acres of forest and 115 acres of windbarriers; a total of 91,331 acres. This is 24,473 acres or 37 percent more than in 1959. This increase is due largely to a substantial increase in planting on State forest land in Michigan and Oregon. (Windbarrier plantings on State lands increased 47 acres.)

Private landowners planted 1,837,392 acres of forest and 34,244 acres of windbarriers, a total of 1,871,636 acres. This is 44,082 acres or 2.3 percent less than in 1959. (Private windbarrier plantings increased 2,597 acres.)

A further analysis of the above figures shows that forest planting on forest industry and other industry land increased substantially, whereas forest planting on privately-owned land in smaller holdings decreased a total of 169,255 acres, or 12.2 percent.

Eighty-seven percent of all forest planting is on privately-owned lands. The 17 States with forest plantings of over 20,000 acres on privately-owned land are listed below. This listing also includes the 14 States with more than 10,000 acres of planting on industry-owned land. It should be noted that more than 50 percent of private land forest planting in three of these 17 States is on industry-owned land. These States are Oregon with 88.5%, Washington with 75.9%, and Louisiana with 61.8%.

Planting on Privately-Owned Land

	<u>Industry owned</u>	<u>Other privately owned</u>	<u>Total</u>
Georgia	91,203	233,897	325,100
Florida	72,218	117,510	189,728
Alabama	58,218	123,823	182,041
Louisiana	111,623	68,922	180,545
South Carolina	24,021	151,345	175,366
Mississippi	45,287	115,283	160,570
North Carolina	22,363	47,513	69,876
Arkansas	15,037	50,715	65,752
Texas	30,138	35,529	65,667
Oregon	41,112	5,362	46,474
Tennessee	13,435	31,769	45,204
Washington	33,867	10,740	44,607
Wisconsin	4,649	39,470	44,119
New York	806	35,896	36,702
Virginia	11,429	22,823	34,252
Pennsylvania	18,680	20,602	39,282
Michigan	1,096	20,378	21,474
Total	595,182	1,131,577	1,726,759

One-third of the private forest planting in 1960 was on land owned by industrial organizations compared to one-quarter in 1959. In 1960 forest industries planted 520,150 acres, 103,044 acres more than in 1959; and other industries planted 96,529 acres, 19,532 more than in 1959.

Windbarrier Planting

windbarrier planting was reported from 29 States and Puerto Rico. It amounted to 35,366 acres, classed as follows:

	<u>Acres</u>
Federal land	1,007
Other public land	115
Private land	34,244
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Total	35,366

Private land windbarrier planting increased 2,597 acres in 1960. The public agencies planted 503 acres less than in 1959. The overall result is an increase of 6.3 percent from the previous year.

The need for windbarriers exists mostly on private lands. The States in which farmers and ranchers planted 500 or more acres of windbarrier in 1960 are:

	<u>Acres</u>
North Dakota	12,174
South Dakota	7,722
Nebraska	5,360
Montana	1,726
Colorado	1,338
Kansas	1,323
Minnesota	801
Texas	623
Indiana	578
California	544
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Private land windbarrier planting in 10 States with over 500 acres	32,189 acres -- 91%
Private land windbarrier planting in 16 States and Puerto Rico	2,340 acres -- 6%
Public land windbarrier planting	1,122 acres -- 3%

Availability of Planting Stock

All public and private nurseries together shipped 1,918,746,000 trees in 1960 - 8 percent less than in 1959 .

Forest tree nursery activities for 1960 are summarized as follows:

	<u>Nurseries that shipped trees in 1960</u>		<u>Quantity shipped</u>	
<u>Federal:</u>				
Forest Service	13		137,140,000	
Tennessee Valley Authority	<u>2</u>		<u>40,558,000</u>	
		<u>15</u>		<u>177,698,000</u>
<u>State:</u>				
State Forester or equivalent	<u>108</u>		<u>1,359,306,000</u>	
		<u>108</u>		<u>1,359,306,000</u>
<u>Other Public:</u>				
Soil Conservation Districts	11		13,262,000	
County and Municipal	<u>4</u>		<u>558,000</u>	
		<u>15</u>		<u>13,820,000</u>
<u>Industry:</u>				
Paper companies	25		215,826,000	
Lumber and land companies	<u>9</u>		<u>42,984,000</u>	
		<u>34</u>		<u>258,810,000</u>
<u>Commercial:</u>				
Private companies	<u>80</u>		<u>109,112,000</u>	
		<u>80</u>		<u>109,112,000</u>
		<u>==</u>		<u>==</u>
Total		252		1,918,746,000
Total - 1959		243		2,080,122,000

For additional details see Table 6 of this report and also "Forest Tree Nurseries in the United States - 1960," published by the U. S. Department of Agriculture, Forest Service, Washington, D. C.

In 1960, the 15 Federal nurseries shipped 177,698,000 trees in comparison with 169,473,000 in 1959. Most of the Forest Service nursery trees were planted on national forest lands. Nursery stock from the Tennessee Valley Authority nurseries was used on private lands through established programs.

The State nurseries shipped 1,359,306,000 plants in 1960. Most of the stock from these nurseries was produced under the Federal-State cooperative tree distribution program (C-M 4) or the Conservation Reserve of the Soil Bank for planting on private lands. The 10 States with the largest shipments were:

	<u>Trees</u>
Georgia	234,409,000
South Carolina	147,146,000
Alabama	140,810,000
Florida	127,661,000
Louisiana	106,597,000
Mississippi	100,556,000
North Carolina	83,057,000
Arkansas	65,902,000
New York	43,035,000
Tennessee	38,112,000

These 10 States shipped 57 percent of the Nation's entire supply.

Forty-three States and Puerto Rico shipped 1,359,306,000 trees from 108 nurseries in 1960. In 1959, 104 nurseries shipped 1,536,694,000 plants. This net increase of four nurseries resulted from adding seven new ones (Colorado, Georgia, Louisiana, Maine, Michigan, South Carolina, and South Dakota), subtracting one closed nursery (Michigan), and two with no shipments in 1960 (Georgia and Rhode Island). Not included in this figure of 108 shippers are four that shipped no trees in 1960 and four game food and cover plant nurseries.

Forty-eight States and Puerto Rico conducted tree distribution programs in 1960. Five of these purchased all of the trees they distributed from commercial, other State, or Federal nurseries. Arizona and Alaska are the only two States that did not distribute trees in 1960.

The total output of the 11 Soil Conservation District nurseries was 13,262,000 trees as against 13,571,000 for the 11 nurseries in 1959. The stock from these nurseries all goes to District cooperators for planting on private lands.

There are now 4 county and municipal nurseries. They produced 558,000 trees in 1960 as against 572,000 from five nurseries in 1959. Their entire output is planted on public lands.

Most seedlings from forest industry and land company nurseries go to plant company lands, although some stock is distributed to other private

landowners through various company programs. There continues to be 34 such nurseries with an output of 258,810,000 trees as against an output of 244,384,000 trees in 1959. Three companies closed one nursery each, three new nurseries shipped trees for the first time in 1960, and one additional company nursery expects to ship its first crop in 1961.

Commercial nurseries reporting in 1960 numbered 80 and their total output was 109,112,000 plants, which is 5 percent less than in 1959. No commercial production of forest or windbarrier planting stock is reported from 28 States and Puerto Rico.

Of the 80 commercial nurseries that reported, 17 are in Pennsylvania and 25 are in Michigan. Their production runs heavily to Christmas tree planting stock. Sixteen commercial nurseries reported from Colorado, Iowa, Kansas, Nebraska, and the two Dakotas. They produce mainly windbarrier species in addition to much ornamental stock not reported herein. A large share of their production is sold to the States for distribution under the Federal-State cooperative tree planting program. The other 22 commercial nurseries are located in 14 States distributed from coast to coast, primarily in the North.

Direct Seeding

The reported acreage of direct sowing of tree seeds increased substantially in 1960. Twenty-seven States and Puerto Rico reported from 1 to 62,765 acres. The amount of such work is detailed in footnotes to Tables 1, 2, and 3 of this report and is summarized below:

	<u>Acres</u>
Federal lands	27,260
State forests	12,134
Other public lands	195
Private, other than industry	2,273
Industry lands	122,661
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Total reported 1960	164,523
Total reported 1959	108,766
Total reported 1955	4,679

The following 9 States direct seeded more than 2,000 acres each:

	<u>Acres</u>
Louisiana	62,765
Oregon	50,242
Washington	23,944
Alabama	5,705
California	3,971
Florida	3,878
Mississippi	3,799
Texas	2,753
Arkansas	2,213
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	159,270 -- 97% of total



**ACRES OF FOREST PLANTING ON FEDERAL LAND**

**1960**

(EXCLUSIVE OF WINDBARRIER PLANTING)

July 1, 1959 - June 30, 1960

STATE	NATIONAL FORESTS			U.S. DEPARTMENT OF THE INTERIOR AND INDIAN RESERVATIONS			OTHER FEDERAL			TOTAL - TABLE 1			STATE
	Current Year	Previous Years 1/	Total	Current Year	Previous Years 1/	Total	Current Year	Previous Years 1/	Total	Current Year	Previous Years	Total	
Alabama	2,885	59,032	57,917	29	2,272	2,301	1,052	21,830	22,882	3,966	79,134	83,100	Alabama
Alaska	889	830	1,719	0	0	0	0	0	0	889	830	1,719	Alaska
Arizona	161	6,973	7,134	0	35	35	0	0	0	161	7,008	7,169	Arizona
Arkansas	6,619	20,268	26,887	0	313	313	20	5,276	5,296	6,639	25,857	32,496	Arkansas
California	14,088	82,539	96,627	261	540	801	0	82	82	14,349	83,161	97,510	California
Colorado	1,403	70,538	71,941	80	1,252	1,332	0	5	5	1,483	71,795	73,278	Colorado
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	Connecticut
Delaware	0	0	0	0	41	41	0	10	10	0	51	51	Delaware
Florida	4,970	41,976	46,946	32	48	80	1,102	7,299	8,401	6,104	49,323	55,427	Florida
Georgia	3,320	28,241	31,561	0	573	573	1,031	4,215	5,246	4,351	33,029	37,380	Georgia
Hawaii	0	0	0	0	0	0	0	0	0	0	0	0	Hawaii
Idaho	4,124	111,928	116,052	0	131	131	0	0	0	4,124	112,059	116,183	Idaho
Illinois	383	45,014	45,397	4	6,517	6,521	15	88	103	402	51,519	52,021	Illinois
Indiana	866	20,745	21,611	0	0	0	5	5,250	5,255	871	25,995	26,866	Indiana
Iowa	20	40	60	0	142	142	16	1,942	1,958	36	2,124	2,160	Iowa
Kansas	229	100	100	0	0	0	0	32	32	0	132	132	Kansas
Kentucky	229	1,120	1,381	120	3,109	3,229	175	1,331	1,506	578	5,540	6,118	Kentucky
Louisiana	9,911	120,496	130,407	0	0	0	220	1,969	2,189	10,131	122,465	132,596	Louisiana
Maine	0	67	67	0	2	2	0	15	15	0	84	84	Maine
Maryland	0	0	0	0	5	5	0	0	0	0	5	5	Maryland
Massachusetts	0	0	0	0	5	5	0	500	500	0	506	506	Massachusetts
Michigan	6,593	570,394	576,987	0	481	481	0	50	50	6,593	570,925	577,518	Michigan
Minnesota	5,173	150,312	155,485	400	8,357	8,757	0	2	2	5,573	158,651	164,224	Minnesota
Mississippi	6,406	172,378	180,784	61	688	749	0	8,329	8,467	181,575	190,042	198,517	Mississippi
Missouri	2,342	73,911	76,253	0	61	61	95	494	589	2,438	74,466	76,904	Missouri
Montana	2,850	48,820	51,670	5	236	241	0	115	115	2,835	49,171	52,026	Montana
Nebraska	20	30,045	30,065	0	519	519	0	596	596	20	31,160	31,180	Nebraska
Nevada	29	402	431	0	0	0	0	0	0	29	402	431	Nevada
New Hampshire	8	1,162	1,170	0	0	0	6	22	28	1,184	1,198	1,198	New Hampshire
New Jersey	0	0	0	0	0	0	0	610	610	0	610	610	New Jersey
New Mexico	74	6,343	6,417	0	2	2	0	0	0	74	6,345	6,419	New Mexico
New York	0	0	0	4	29	33	100	4,297	4,397	104	4,376	4,480	New York
North Carolina	1,867	17,594	19,461	9	1,197	1,206	425	1,460	1,885	2,301	19,826	22,127	North Carolina
North Dakota	0	967	967	0	0	0	0	0	0	0	967	967	North Dakota
Ohio	1,029	15,889	16,918	0	0	0	43	966	1,009	1,072	16,855	17,927	Ohio
Oklahoma	85	5,751	5,836	0	0	0	0	305	305	85	6,056	6,141	Oklahoma
Oregon	35,653	172,686	208,339	21,352	24,209	115,561	0	0	0	57,005	266,695	323,700	Oregon
Pennsylvania	369	18,272	18,641	0	21	21	29	294	323	369	18,587	18,956	Pennsylvania
Rhode Island	0	0	0	0	0	0	0	41	41	0	41	41	Rhode Island
South Carolina	705	19,709	20,414	150	7,736	7,886	9,504	57,049	66,553	10,359	84,854	94,852	South Carolina
South Dakota	1,514	36,481	37,995	0	10	10	0	34	34	1,514	38,039	39,553	South Dakota
Tennessee	601	6,728	7,329	21	132	153	1,550	37,779	39,329	2,172	44,702	46,874	Tennessee
Texas	1,151	51,938	53,089	0	0	0	1,011	8,057	9,068	2,162	59,995	62,157	Texas
Utah	94	4,075	4,169	0	0	0	0	0	0	94	4,075	4,169	Utah
Vermont	13	1,406	1,419	3	0	3	0	0	0	16	1,406	1,422	Vermont
Virginia	332	4,808	5,140	0	501	501	182	1,331	1,513	514	6,640	7,154	Virginia
Washington	13,094	169,049	182,143	0	5,940	5,940	0	2,624	2,624	13,094	177,513	190,707	Washington
West Virginia	278	16,222	16,500	0	0	0	0	328	328	278	16,283	16,522	West Virginia
Wisconsin	1,786	227,963	229,749	106	3,482	3,588	0	328	328	1,892	231,473	233,365	Wisconsin
Wyoming	268	8,080	8,348	10	1,596	1,606	0	0	0	278	9,666	9,944	Wyoming
TOTAL - 50 STATES	134,257	2,437,272	2,571,529	22,647	140,146	162,793	16,582	174,263	190,845	173,486	2,751,681	2,925,167	TOTAL - 50 STATES
Puerto Rico	0	0	0	0	0	0	0	0	0	0	0	0	Puerto Rico
GRAND TOTAL	134,257	2,437,272	2,571,529	22,647	140,146	162,793	16,582	174,263	190,845	173,486	2,751,681	2,925,167	GRAND TOTAL

1/ The plantings previously reported for Land Use Project Areas are now reported in the category representing the present status of the land.

Table 1a - Direct Seeding included above

State	National Forests			State	Department of the Interior						
	Current Year	Previous Years	Total		Current Year	Previous Years	Total				
Alabama	524	676	1,200	Michigan	164	1,214	1,378	South Carolina	130	105	235
Alaska	889	820	1,709	Minnesota	220	3,070	3,290	South Dakota	40	15,939	15,979
Arizona	0	706	706	Mississippi	3,286	4,905	8,191	Tennessee	508	366	874
Arkansas	2,213	766	2,979	Missouri	2	10,283	10,285	Texas	84	42	126
California	513	8,587	9,100	Montana	70	2,612	2,682	Utah	0	4	4
Colorado	77	3,440	3,517	Nevada	0	20	20	Virginia	7	20	27
Florida	1,410	2,854	4,264	New Hampshire	0	48	48	Washington	1,381	11,183	13,164
Georgia	361	858	1,219	New Mexico	0	2,130	2,130	Wisconsin	264	462	726
Idaho	15	1,816	1,831	North Carolina	73	178	252	Wyoming	0	962	962
Illinois	0	1,780	1,780	Ohio	0	274	274	Total	17,638	93,604	111,442
Indiana	0	451	451	Oklahoma	85	20	105				
Kentucky	2	4	6	Oregon	3,659	8,517	12,176				
Louisiana	1,261	8,411	9,672	Pennsylvania	0	80	80				

  

State	Sport Fisheries and Wildlife			State	Bureau of Land Management		
	Current Year	Previous Years	Total		Current Year	Previous Years	Total
Georgia	0	338	338	California	0	21	21
California	0	16	16	Oregon	9,422	31,296	40,708
Wyoming	0	2	2				

# ACRES OF FOREST PLANTING ON NON-FEDERAL PUBLIC LAND

(EXCLUSIVE OF WINDBARRIER PLANTING)

Table 2

1960

July 1, 1959 - June 30, 1960

STATE	STATE AGENCIES						OTHER PUBLIC AGENCIES			TOTAL - TABLE 2			STATE
	STATE FOREST LAND			OTHER STATE LAND			TOWN, BOROUGH, COUNTY, AND PUBLIC SCHOOLS			Current Year	Previous Years	Total	
	Current Year	Previous Years 1/	Total	Current Year	Previous Years 1/	Total	Current Year	Previous Years 1/	Total				
Alabama	8	1,078	1,086	71	2,397	2,968	62	1,519	1,581	141	5,494	5,635	Alabama
Alaska	0	0	0	0	0	0	0	0	0	0	0	0	Alaska
Arizona	0	0	0	0	0	0	0	0	0	0	0	0	Arizona
Arkansas	200	5,412	5,612	179	943	981	16	656	672	216	6,267	6,463	Arkansas
California	61	396	457	38	943	981	37	287	324	136	1,626	1,762	California
Colorado	0	0	0	0	0	0	0	155	155	0	160	160	Colorado
Connecticut	30	10,966	10,996	12	665	677	46	3,722	3,768	88	15,353	15,441	Connecticut
Delaware	36	450	486	2	136	138	0	208	208	38	794	832	Delaware
Florida	2,727	35,229	37,956	252	7,095	7,347	152	1,894	2,046	3,131	44,218	47,349	Florida
Georgia	222	8,415	8,637	390	5,021	5,411	133	5,111	5,244	745	18,547	19,292	Georgia
Hawaii	108	36,978	37,086	169	185	354	0	167	167	277	37,330	37,607	Hawaii
Idaho	0	162	162	0	203	203	6	129	135	7	988	994	Idaho
Illinois	66	4,923	4,989	275	6,138	6,413	156	4,834	5,190	697	15,895	16,592	Illinois
Indiana	297	25,182	25,479	102	3,824	3,926	14	592	606	413	29,698	30,111	Indiana
Iowa	125	2,441	2,566	85	5,549	6,634	40	391	431	250	8,381	8,631	Iowa
Kansas	0	0	0	0	4,000	4,000	0	0	0	0	4,000	4,000	Kansas
Kentucky	32	8,547	8,579	151	421	572	99	487	586	282	9,455	9,737	Kentucky
Louisiana	0	5,353	5,353	75	445	520	0	6,107	6,107	75	11,905	11,980	Louisiana
Maine	0	331	331	0	318	318	166	1,089	1,255	166	1,738	1,904	Maine
Maryland	523	5,478	6,001	108	797	905	185	3,329	3,514	816	9,604	10,420	Maryland
Massachusetts	64	32,808	32,872	9	12,946	12,955	54	17,315	17,369	127	63,069	63,196	Massachusetts
Michigan	25,035	323,458	348,493	546	20,834	21,380	168	18,851	19,019	25,749	262,143	288,892	Michigan
Minnesota	5,135	61,482	66,617	1,246	24,310	25,556	3,165	20,992	23,657	9,546	106,284	115,830	Minnesota
Mississippi	100	3,013	3,113	899	2,030	2,929	1,069	1,223	2,992	2,068	6,286	6,384	Mississippi
Missouri	123	5,093	5,216	154	1,571	1,725	0	65	65	277	6,729	7,006	Missouri
Montana	158	147	305	4	36	40	0	870	876	6	1,464	1,652	Montana
Nebraska	0	200	200	0	576	576	0	0	0	0	17	17	Nebraska
Nevada	0	0	0	0	17	17	0	0	0	0	13,028	13,137	Nevada
New Hampshire	75	8,159	8,234	8	239	247	26	4,630	4,656	109	13,789	13,820	New Hampshire
New Jersey	6	11,287	11,293	14	942	956	11	1,560	1,571	31	13,820	13,820	New Jersey
New Mexico	0	0	0	0	0	0	0	0	0	0	0	0	New Mexico
New York	2,649	413,932	416,581	429	27,918	28,347	530	97,846	98,376	3,608	539,695	543,304	New York
North Carolina	343	5,919	6,262	172	9,904	10,076	224	3,551	3,775	739	15,374	20,113	North Carolina
North Dakota	0	0	0	0	0	0	0	0	0	0	48,548	48,548	North Dakota
Ohio	266	20,291	20,557	845	8,409	9,254	609	18,128	18,737	1,720	46,828	48,548	Ohio
Oklahoma	0	0	0	50	767	817	10	206	216	60	1,033	1,033	Oklahoma
Oregon	16,241	113,358	129,599	530	2,091	2,621	327	4,244	4,271	17,098	124,693	141,791	Oregon
Pennsylvania	546	69,453	69,999	102	14,182	14,284	293	14,742	14,835	941	37,997	98,938	Pennsylvania
Rhode Island	106	4,174	4,280	0	513	513	22	6,869	6,891	128	11,556	11,684	Rhode Island
South Carolina	1,169	19,859	21,028	440	16,825	17,265	359	2,636	2,995	1,968	39,320	41,288	South Carolina
South Dakota	5	431	436	221	2,098	2,319	0	0	0	226	2,529	2,755	South Dakota
Tennessee	1,255	44,632	45,887	0	1,853	1,853	200	774	974	1,435	47,260	48,695	Tennessee
Texas	33	655	688	108	663	771	0	2,126	2,126	141	3,044	3,585	Texas
Utah	0	0	0	0	59	77	0	0	0	6	69	77	Utah
Vermont	50	3,372	3,422	6	385	391	116	4,283	4,399	172	8,040	8,212	Vermont
Virginia	313	6,716	7,029	52	969	1,021	55	1,287	1,342	420	8,972	9,392	Virginia
Washington	10,703	72,399	83,102	0	334	334	0	6,874	6,874	10,703	79,607	90,310	Washington
West Virginia	0	1,843	1,843	6	1,675	1,681	115	675	790	121	4,193	4,314	West Virginia
Wisconsin	894	63,945	64,839	105	4,323	4,428	5,094	164,311	169,405	6,093	232,579	238,672	Wisconsin
Wyoming	0	0	0	0	0	0	0	0	0	0	0	0	Wyoming
TOTAL - 50 STATES	69,684	1,442,968	1,512,652	7,664	195,800	203,464	13,765	423,949	437,714	91,133	2,062,717	2,153,850	TOTAL - 50 STATES
Puerto Rico	81	22,048	22,129	0	3,574	3,574	2	479	481	83	26,101	26,184	Puerto Rico
GRAND TOTAL	69,765	1,465,016	1,534,781	7,664	199,374	207,038	13,767	424,428	438,195	91,216	2,088,818	2,180,034	GRAND TOTAL

1/ The plantings previously reported for Land Use Project Areas are now reported in the category representing the present status of the land.

Table 2a - Direct Seeding included above

California	1	28	29	0	65	65	0	0	0	1	93	94	California
Hawaii	1	0	0	0	0	0	0	0	0	2	0	1	Hawaii
Kentucky	0	0	0	75	0	75	0	0	0	0	75	75	Kentucky
Louisiana	0	0	0	0	0	0	18	0	18	38	0	38	Louisiana
Mississippi	20	0	20	0	0	0	0	0	0	3	0	3	Mississippi
Missouri	3	0	3	0	0	0	1	0	1	1	0	1	Missouri
Nebraska	0	0	0	0	0	0	0	0	0	5	0	5	Nebraska
North Carolina	0	0	0	0	0	0	0	0	0	0	0	0	North Carolina
Oregon	10,167	54,717	64,884	0	0	0	0	1,323	1,323	10,167	56,040	66,207	Oregon
Puerto Rico	0	161	161	0	0	0	0	0	0	0	161	161	Puerto Rico
South Carolina	0	0	0	0	0	0	0	0	0	90	0	90	South Carolina
Virginia	0	0	0	0	0	0	0	0	0	5	0	5	Virginia
Washington	2	0	2	3	0	3	0	0	0	108	7,270	9,310	Washington
West Virginia	1,940	7,761	9,701	0	0	0	0	0	0	1	3	4	West Virginia
TOTAL - 50 STATES	13,110	62,585	75,695	78	66	134	18	1,323	1,324	12,323	63,267	75,695	TOTAL - 50 STATES



Table 4  
**ACRES OF WINDBARRIER PLANTING ON ALL OWNERSHIP OF LAND**  
 (EXCLUSIVE OF FOREST PLANTING)

1960

July 1, 1959 - June 30, 1960

STATE	FEDERAL			OTHER PUBLIC (NON-FEDERAL)			PRIVATELY OWNED			TOTAL - TABLE 4			Acres in a Mile	STATE
	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total		
Alabama	0	78	78	0	0	0	0	0	0	0	78	78	4.0	Alabama
Alaska	0	0	0	0	0	0	0	0	0	0	0	0	0	Alaska
Arizona	269	7,777	8,046	0	0	0	7	937	944	276	8,714	8,990	4.0	Arizona
Arkansas	0	0	0	0	0	0	0	0	0	0	0	0	0	Arkansas
California	11	336	347	0	0	0	544	5,904	6,448	555	6,240	6,795	2.4	California
Colorado	8	79	87	33	0	33	1,338	24,598	25,936	1,379	24,677	26,056	10.0	Colorado
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	0	Connecticut
Delaware	0	78	78	0	0	0	0	0	0	0	78	78	0	Delaware
Florida	0	508	508	0	0	0	0	0	0	0	508	508	4.0	Florida
Georgia	0	28	28	0	0	0	0	0	0	0	28	28	4.0	Georgia
Hawaii	0	0	0	1	6	7	101	1,415	1,516	102	1,421	1,523	2.9	Hawaii
Idaho	0	52	52	0	0	0	295	8,140	8,435	295	8,192	8,487	4.2	Idaho
Illinois	0	4	4	0	0	0	0	2,600	2,600	0	2,604	2,604	0	Illinois
Indiana	0	91	91	0	0	0	578	14,178	14,756	578	14,269	14,847	4.0	Indiana
Iowa	2	11	13	0	0	0	10	28,094	28,094	12	28,095	28,107	4.0	Iowa
Kansas	1	65	66	0	0	0	1,323	211,077	212,400	1,324	211,142	212,466	10.3	Kansas
Kentucky	0	0	0	0	0	0	5	72	77	5	72	77	1.4	Kentucky
Louisiana	0	0	0	0	0	0	0	0	0	0	0	0	0	Louisiana
Maine	0	0	0	0	0	0	0	0	0	0	0	0	0	Maine
Maryland	0	0	0	0	12	12	26	96	122	26	108	134	2.5	Maryland
Massachusetts	0	4	4	0	0	0	0	0	0	0	4	4	0	Massachusetts
Michigan	0	1	1	0	0	0	137	7,350	7,487	137	7,351	7,488	1.6	Michigan
Minnesota	0	79	79	0	0	0	801	15,992	16,793	801	16,071	16,872	2.4	Minnesota
Mississippi	0	9	9	0	0	0	0	0	0	0	9	9	4.0	Mississippi
Missouri	0	188	188	2	0	2	20	2,034	2,054	22	2,222	2,244	3.0	Missouri
Montana	9	435	444	4	3	7	1,726	16,129	17,855	1,739	16,567	18,306	5.8	Montana
Nebraska	4	1,091	1,095	0	0	0	5,360	315,503	320,863	5,364	316,594	321,958	8.0	Nebraska
Nevada	0	3,789	3,789	9	31	40	43	663	706	52	4,483	4,535	2.4	Nevada
New Hampshire	0	0	0	0	0	0	0	0	0	0	0	0	0	New Hampshire
New Jersey	0	10	10	0	0	0	0	0	0	0	10	10	0	New Jersey
New Mexico	330	5,389	5,719	0	0	0	27	3,421	3,448	357	8,810	9,167	4.0	New Mexico
New York	1	28	29	0	0	0	0	0	0	1	28	29	0	New York
North Carolina	0	122	122	0	0	0	0	0	0	0	122	122	4.0	North Carolina
North Dakota	39	2,854	2,893	0	311	311	12,174	130,053	142,227	12,213	133,218	145,431	4.1	North Dakota
Ohio	0	10	10	0	0	0	52	2,371	2,423	52	2,381	2,433	3.6	Ohio
Oklahoma	0	220	220	2	205	207	175	59,038	59,213	177	59,463	59,640	4.0	Oklahoma
Oregon	0	72	72	0	0	0	20	39	59	20	111	131	2.0	Oregon
Pennsylvania	0	49	49	0	0	0	0	0	0	0	49	49	0	Pennsylvania
Rhode Island	0	1	1	0	0	0	0	0	0	0	1	1	0	Rhode Island
South Carolina	7	0	7	0	0	0	0	0	0	7	0	7	0	South Carolina
South Dakota	291	2,732	3,023	15	4,273	4,288	7,722	117,034	124,756	8,028	124,039	132,067	10.2	South Dakota
Tennessee	0	54	54	0	0	0	0	0	0	0	54	54	4.0	Tennessee
Texas	3	424	427	0	5	5	623	28,924	29,547	626	29,353	29,979	0	Texas
Utah	30	502	532	6	48	54	80	2,530	2,610	116	3,080	3,196	4.0	Utah
Vermont	0	0	0	0	0	0	0	0	0	0	0	0	0	Vermont
Virginia	0	54	54	0	0	0	0	141	141	0	195	195	4.0	Virginia
Washington	0	37	37	0	0	0	470	9,276	9,746	470	9,313	9,783	2.9	Washington
West Virginia	1	2	3	0	0	0	0	0	0	1	2	3	0	West Virginia
Wisconsin	0	15	15	0	0	0	0	7,600	7,600	0	7,615	7,615	4.0	Wisconsin
Wyoming	1	739	740	43	439	482	489	10,452	10,941	533	11,630	12,163	1.0	Wyoming
TOTAL - 50 STATES	1,007	28,017	29,024	115	5,333	5,448	34,146	1,025,651	1,059,797	35,268	1,059,001	1,094,269	-	TOTAL - 50 STATES
Puerto Rico	0	0	0	0	0	0	98	879	977	98	879	977	2.4	Puerto Rico
GRAND TOTAL	1,007	28,017	29,024	115	5,333	5,448	34,244	1,026,530	1,060,774	35,366	1,059,880	1,095,246	-	GRAND TOTAL

Table 5  
**SUMMARY OF TREE PLANTING**

July 1, 1959 - June 30, 1960

1960

STATE	FOREST PLANTING									WINDBARRIER PLANTING			GRAND TOTAL FOREST AND WINDBARRIER			STATE
	TABLE 1 FEDERAL ACRES			TABLE 2 OTHER PUBLIC (NON-FEDERAL) ACRES			TABLE 3 PRIVATE ACRES			TABLE 4 ALL OWNERS			GRAND TOTAL FOREST AND WINDBARRIER			
	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	
Alabama	3,966	79,134	83,100	141	5,494	5,635	182,041	667,484	849,525	0	78	78	186,148	752,190	938,338	Alabama
Alaska	889	830	1,719	0	0	0	0	0	0	0	0	889	830	1,719	Alaska	
Arizona	161	7,008	7,169	0	0	0	0	237	237	276	8,714	8,990	437	15,959	16,396	Arizona
Arkansas	6,539	25,657	32,496	216	9,247	9,463	65,752	245,485	331,238	0	0	0	72,607	297,590	370,197	Arkansas
California	14,349	83,161	97,510	136	1,626	1,762	1,626	46,502	53,387	555	6,240	6,795	21,945	137,529	159,474	California
Colorado	1,483	71,795	73,278	0	160	160	95	4,170	4,265	1,379	24,677	26,056	2,957	100,802	103,759	Colorado
Connecticut	0	0	0	88	15,353	15,441	1,263	31,076	32,339	0	0	0	1,351	46,429	47,780	Connecticut
Delaware	0	51	51	38	794	832	755	4,250	5,005	0	78	78	793	5,173	5,966	Delaware
Florida	6,104	49,323	55,427	3,131	44,218	47,349	189,728	1,176,208	1,365,936	0	508	508	198,963	1,270,257	1,469,220	Florida
Georgia	4,351	33,029	37,380	745	12,547	19,292	325,100	1,327,432	1,652,532	0	28	28	330,196	1,379,036	1,709,232	Georgia
Hawaii	0	0	0	0	37,330	37,330	221	61,835	62,056	102	1,421	1,523	600	100,586	101,186	Hawaii
Idaho	4,124	112,059	116,183	6	988	994	1,857	4,297	6,154	295	8,192	8,487	6,282	125,536	131,818	Idaho
Illinois	402	51,619	52,021	697	15,895	16,592	5,646	88,798	94,444	0	2,604	2,604	6,745	158,916	165,661	Illinois
Indiana	871	25,995	26,866	413	29,698	30,111	3,840	79,976	83,816	378	14,269	14,847	5,702	149,938	155,640	Indiana
Iowa	36	2,124	2,160	250	2,381	2,631	1,215	41,439	42,654	12	28,095	28,107	1,513	80,039	81,552	Iowa
Kansas	0	132	132	0	4,000	4,000	170	25,345	25,515	1,324	211,142	212,466	1,494	246,615	247,109	Kansas
Kentucky	376	2,540	2,916	282	9,455	9,737	16,568	74,601	91,169	5	72	77	17,433	89,568	107,001	Kentucky
Louisiana	10,131	122,465	132,596	75	11,905	11,980	180,345	859,792	1,040,337	0	0	0	190,751	994,162	1,184,913	Louisiana
Maine	0	84	84	166	1,738	1,904	4,579	26,838	31,417	0	0	0	4,745	28,660	33,405	Maine
Maryland	0	5	5	816	9,604	10,420	5,915	48,746	54,561	26	108	134	6,657	65,120	71,777	Maryland
Massachusetts	0	506	506	127	63,069	63,196	567	38,444	39,011	0	4	4	694	102,033	102,727	Massachusetts
Michigan	6,593	570,925	577,518	25,749	363,143	388,892	21,474	367,655	389,129	137	7,351	7,488	53,253	1,309,074	1,362,572	Michigan
Minnesota	5,573	58,651	64,224	9,546	106,284	115,830	17,304	151,601	168,905	801	16,071	16,872	33,224	432,627	465,851	Minnesota
Mississippi	6,467	181,573	190,042	2,058	6,266	8,324	160,570	753,174	913,744	0	9	9	171,105	941,024	1,112,129	Mississippi
Missouri	2,438	74,466	76,904	277	6,729	7,006	7,467	34,891	42,358	22	2,222	2,244	10,204	118,308	128,512	Missouri
Montana	2,855	49,171	52,026	162	183	345	549	2,433	2,982	1,739	16,567	18,306	3,305	68,354	73,659	Montana
Nebraska	20	31,160	31,180	6	1,646	1,652	1,120	17,994	19,114	5,364	316,594	321,958	6,510	367,394	373,904	Nebraska
Nevada	29	402	431	0	17	17	0	25	25	52	4,483	4,535	81	4,927	5,008	Nevada
New Hampshire	14	1,184	1,198	109	13,028	13,137	1,943	34,124	36,067	0	0	0	2,066	48,316	50,402	New Hampshire
New Jersey	0	610	610	31	13,789	13,820	637	35,023	35,660	0	10	10	668	49,432	50,100	New Jersey
New Mexico	74	6,345	6,419	0	0	0	0	2,093	2,093	357	8,810	9,167	431	17,348	17,679	New Mexico
New York	104	4,376	4,480	3,608	539,696	543,304	36,702	556,645	593,347	1	28	29	40,415	1,100,745	1,141,160	New York
North Carolina	2,301	19,826	22,127	739	19,374	20,113	69,676	364,482	434,158	0	122	122	72,916	403,804	476,720	North Carolina
North Dakota	0	967	967	0	0	0	10	2,054	2,064	12,213	133,218	145,431	12,223	136,239	148,462	North Dakota
Ohio	1,012	16,855	17,927	1,720	46,828	48,548	13,809	187,555	201,364	52	2,381	2,433	16,653	253,599	270,252	Ohio
Oklahoma	85	6,056	6,141	60	973	1,033	4,456	51,150	55,606	177	59,463	59,640	4,778	117,642	122,420	Oklahoma
Oregon	57,005	266,895	323,900	17,098	124,693	141,791	46,474	185,133	231,607	20	111	131	120,597	576,932	697,429	Oregon
Pennsylvania	398	18,587	18,985	941	97,997	98,938	39,282	538,681	577,963	0	49	49	40,621	655,314	695,935	Pennsylvania
Rhode Island	0	41	41	128	11,556	11,684	189	22,528	22,717	0	1	1	317	34,126	34,443	Rhode Island
South Carolina	10,359	84,494	94,853	1,966	39,320	41,288	175,366	570,378	745,744	7	7	7	187,700	694,192	881,892	South Carolina
South Dakota	1,514	36,525	38,039	2,268	2,529	2,755	60	15,921	15,981	8,028	124,039	132,067	9,828	179,014	188,842	South Dakota
Tennessee	2,172	44,702	46,874	1,435	47,260	48,695	45,204	389,131	434,335	0	54	54	48,811	481,147	529,958	Tennessee
Texas	2,162	59,995	62,157	141	3,444	3,585	65,667	325,894	391,561	626	29,353	29,979	68,596	418,686	487,282	Texas
Utah	94	4,075	4,169	8	69	77	60	703	763	116	3,080	3,196	278	7,927	8,205	Utah
Vermont	16	1,406	1,422	172	8,400	8,572	6,500	46,014	52,564	0	0	0	1,138	55,460	56,598	Vermont
Virginia	514	6,640	7,154	420	8,972	9,392	34,252	200,474	234,726	0	195	195	35,186	216,281	251,467	Virginia
Washington	13,094	177,613	190,707	10,703	79,607	90,310	44,607	197,385	241,992	470	9,313	9,783	68,874	463,318	532,192	Washington
West Virginia	279	16,283	16,562	121	4,193	4,314	4,611	47,269	51,880	1	2	3	5,012	67,747	72,759	West Virginia
Wisconsin	1,892	231,473	233,365	6,093	232,579	238,672	44,119	356,789	400,908	0	7,615	7,615	52,104	828,456	880,560	Wisconsin
Wyoming	278	9,666	9,944	0	0	0	0	23	23	533	11,630	12,163	811	21,319	22,130	Wyoming
TOTAL-50 STATES	173,486	2,751,681	2,925,167	91,133	2,062,717	2,153,850	1,835,400	10,330,168	12,165,568	35,268	1,059,001	1,094,269	2,135,287	16,203,567	18,338,854	TOTAL-50 STATES
Puerto Rico	0	0	0	83	26,101	26,184	1,992	66,272	68,264	98	879	977	2,173	93,251	95,425	Puerto Rico
GRAND TOTAL	173,486	2,751,681	2,925,167	91,216	2,088,818	2,180,034	1,837,392	10,396,440	12,233,832	35,366	1,059,880	1,095,246	2,137,460	16,296,819	18,434,279	GRAND TOTAL

# Table 6 THE QUANTITY OF FOREST AND WINDBARRIER STOCK AVAILABLE

1960

July 1, 1959 - June 30, 1960

STATE	PART 6A QUANTITIES DISTRIBUTED BY THE STATE WITHIN THAT STATE			
	CLARKE-McNARY PROGRAM	CONSERVATION RES. PROGRAM	ALL DISTRIBUTION 1/	AVERAGE PRICE CHARGED
	Thousands of trees	Thousands of trees	Thousands of trees	Dollars
Alabama	93,284	59,601	153,305	4.00
Alaska	0	0	0	0
Arizona	0	0	0	0
Arkansas	42,902	23,066	65,968	4.00
California	2,360	0	3,935	10.26
Colorado	558	18	379	59.48
Connecticut	1,493	128	1,792	14.80
Delaware	1,072	0	1,072	0
Florida	80,503	25,638	107,190	4.00
Georgia	85,584	146,495	234,085	4.01
Hawaii	449	0	512	0
Idaho	688	73	761	15.67
Illinois	6,343	446	6,829	12.24
Indiana	5,286	97	6,633	13.11
Iowa	1,107	358	1,465	20.90
Kansas	519	343	862	60.51
Kentucky	15,813	801	16,614	8.00
Louisiana	74,937	31,660	106,597	4.25
Maine	292	4,909	5,403	10.00
Maryland	4,919	1,080	5,999	0
Massachusetts	631	63	694	22.82
Michigan	31,498	0	31,498	11.46
Minnesota	14,982	12,170	27,152	10.00
Mississippi	80,366	20,190	100,556	4.50
Missouri	2,906	1,755	5,806	5.89
Montana	1,183	42	1,272	15.04
Nebraska	1,804	238	2,042	47.02
Nevada	40	0	43	35.57
New Hampshire	1,080	972	2,052	10.00
New Jersey	618	49	668	16.07
New Mexico	45	0	45	45.00
New York	22,126	18,184	40,310	5.00
North Carolina	40,308	30,231	72,037	4.10
North Dakota	584	560	1,164	25.68
Ohio	13,825	0	16,222	9.55
Oklahoma	3,754	480	4,316	5.07
Oregon	6,669	1,734	11,362	10.45
Pennsylvania	11,620	1,369	13,846	6.00
Rhode Island	382	0	382	15.00
South Carolina	53,042	111,504	165,246	3.01
South Dakota	1,777	762	2,539	30.16
Tennessee	37,563	0	46,260	4.05
Texas	29,027	5,925	35,052	5.05
Utah	106	2	123	53.33
Vermont	1,989	4,233	6,222	9.03
Virginia	31,842	0	31,842	4.31
Washington	8,261	800	11,533	10.23
West Virginia	4,350	382	5,235	14.10
Wisconsin	22,914	16,472	39,386	13.92
Wyoming	188	0	192	4.00
<b>TOTAL - 50 STATES</b>	<b>843,389</b>	<b>522,830</b>	<b>1,394,498</b>	<b>5.24</b>
Puerto Rico	1,210	0	1,246	0
<b>GRAND TOTAL</b>	<b>844,599</b>	<b>522,830</b>	<b>1,395,744</b>	<b>5.24</b>

1/ Also includes stock distributed by the State for work not covered in Federal-State cooperative program.

STATE	PART 6B QUANTITIES PRODUCED BY THE VARIOUS CLASSES OF NURSERIES					
	FEDERAL NURSERIES	STATE NURSERIES	OTHER PUBLIC NURSERIES	INDUSTRY NURSERIES	COMMERCIAL NURSERIES	TOTAL
	Thousands of trees	Thousands of trees	Thousands of trees	Thousands of trees	Thousands of trees	Thousands of trees
Alabama	17,478	140,810	0	12,341	0	170,629
Alaska	0	0	0	0	0	0
Arizona	0	0	0	0	0	0
Arkansas	0	65,902	0	0	0	65,902
California	6,959	3,939	135	26	190	11,249
Colorado	769	373	0	0	60	1,202
Connecticut	0	2,115	0	0	0	2,115
Delaware	0	1,072	0	0	0	1,072
Florida	0	127,661	0	94,440	0	222,101
Georgia	0	234,409	0	55,961	21,000	311,370
Hawaii	0	512	0	0	0	512
Idaho	0	681	0	0	0	681
Illinois	0	8,003	0	0	0	8,003
Indiana	3,639	7,233	0	0	0	10,872
Iowa	0	865	0	0	237	1,102
Kansas	0	0	0	0	2,073	2,073
Kentucky	0	13,392	0	597	0	13,989
Louisiana	32,086	106,597	0	12,519	0	151,202
Maine	0	2,605	0	0	60	2,665
Maryland	0	6,149	0	0	0	6,149
Massachusetts	0	694	0	0	0	694
Michigan	21,082	20,426	6,477	1,400	33,633	83,018
Minnesota	2,804	26,202	0	1,258	138	30,402
Mississippi	44,890	100,556	0	5,338	0	150,784
Missouri	0	5,828	0	0	500	6,328
Montana	2,774	1,225	0	120	774	4,893
Nebraska	3,606	0	0	0	3,885	7,491
Nevada	0	40	0	0	0	40
New Hampshire	0	2,052	0	0	150	2,202
New Jersey	0	1,144	0	0	130	1,274
New Mexico	0	0	0	0	0	0
New York	0	43,035	0	0	1,332	44,367
North Carolina	0	83,057	0	10,000	0	93,057
North Dakota	0	1,329	6,770	0	420	8,519
Ohio	0	16,457	0	0	188	16,645
Oklahoma	0	4,590	0	0	0	4,590
Oregon	5,233	11,262	0	0	2,775	19,270
Pennsylvania	0	15,248	0	0	25,927	41,175
Rhode Island	0	0	0	0	0	0
South Carolina	0	147,146	0	1,200	0	158,346
South Dakota	0	501	0	0	5,820	6,321
Tennessee	23,080	38,112	0	2,964	225	68,381
Texas	0	34,850	0	20,650	5,000	60,540
Utah	0	76	0	0	0	76
Vermont	0	5,341	0	0	0	5,341
Virginia	0	24,696	0	12,200	0	36,896
Washington	13,298	11,543	0	9,220	190	34,251
West Virginia	0	5,100	0	0	0	5,100
Wisconsin	0	35,232	438	4,536	4,405	44,611
Wyoming	0	0	0	0	0	0
<b>TOTAL - 50 STATES</b>	<b>177,698</b>	<b>1,358,060</b>	<b>13,820</b>	<b>258,810</b>	<b>109,112</b>	<b>1,917,500</b>
Puerto Rico	0	1,246	0	0	0	1,246
<b>GRAND TOTAL</b>	<b>177,698</b>	<b>1,359,306</b>	<b>13,820</b>	<b>258,810</b>	<b>109,112</b>	<b>1,918,746</b>