

**Report of**  
**FOREST AND WINDBARRIER PLANTING**  
**AND SEEDING IN THE U. S.                      1961**

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.

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1961

REPORT OF FOREST AND WINDBARRIER PLANTING AND SEEDING  
IN THE UNITED STATES

(July 1, 1960 - June 30, 1961)

Acres Planted - FY 1961 and Previous Years

Tree planting during the fiscal year 1961 (July 1, 1960 - June 30, 1961) as reported by various public agencies, principally the State foresters, was as follows:

	<u>Acres</u>
Forest plantings	1,762,035
windbarrier plantings	34,171
Total	1,796,206 **

The 341,254 acre reduction in tree planting from last year's figure of 2,137,460 acres is due primarily to the substantial reduction in planting on land withdrawn from agricultural production through Conservation Reserve Soil Bank contracts. The 1,796,206 acres planted in 1961 includes a substantial acreage of Soil Bank planting or replanting. However, the Soil Bank influence is much less in 1961 than in the total acreages reported as planted in 1959 and 1960.

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

<u>Year</u>	<u>Acres</u>
1961	1,796,206
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 181,404 acres planted by direct seeding.

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

The total amount of planting in each State is shown by class of owners and purpose in Table 6 of this report. More than 50,000 acres were planted in 1961 in each of the following 10 States:

	<u>Acres</u>
Georgia	203,467
Florida	179,928
South Carolina	161,978
Mississippi	154,254
Oregon	145,104
Alabama	135,844
Louisiana	123,072
North Carolina	73,777
Washington	64,776
Texas	54,672
	1,296,872 - 72% of the national total

Comparison of the 1961 with the 1960 figures shows changes in planting activity by the three broad ownership classes as follows:

The Federal Government planted 204,002 acres of forest and 700 acres of windbarriers in 1961 on lands administered by its various agencies; a total of 204,702 acres. This is 30,209 acres or 17.3 percent more than in 1960. (Federal windbarrier planting decreased 307 acres.)

The States and other non-Federal public agencies planted 102,135 acres of forest and 121 acres of windbarriers; a total of 102,256 acres. This is 10,925 acres or 12 percent more than in 1960. (windbarrier plantings on State lands increased 6 acres.)

Private landowners planted 1,455,898 acres of forest and 33,350 acres of windbarriers; a total of 1,489,158 acres. This is 382,388 acres or 20.4 percent less than in 1960. (Private windbarrier plantings decreased 894 acres.)

A further analysis of the preceding 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 432,730 acres, or 35.4 percent.

Eighty-three 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 13 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 5 of these 17 States is on industry-owned land. These States are Washington with 93.4%, Oregon with 85.6%, Louisiana with 73.9%, Texas with 70.0%, and Florida with 68.4%.

<u>State</u>	<u>Planting on Privately-Owned Land</u>		
	<u>Industry owned</u>	<u>Other privately owned</u>	<u>Total</u>
Georgia	97,993	99,102	197,095
Florida	116,737	53,984	170,721
South Carolina	27,825	127,189	155,014
Mississippi	44,277	97,318	141,595
Alabama	62,496	67,741	130,237
Louisiana	83,996	29,678	113,674
North Carolina	33,946	36,024	69,970
Texas	36,808	15,752	52,560
Oregon	42,855	7,184	50,039
Tennessee	17,521	25,670	43,191
Virginia	16,082	22,755	38,837
Pennsylvania	18,246	19,766	38,012
New York	617	35,688	36,305
Wisconsin	3,492	31,703	35,195
Washington	29,425	2,079	31,504
Minnesota	1,080	26,339	27,419
Arkansas	8,674	13,183	21,857
<b>Total</b>	<b>642,070</b>	<b>711,155</b>	<b>1,353,225</b>

Nearly 46 percent of the private forest planting in 1961 was on land owned by industrial organizations compared to 33.6 percent in 1960. In 1961 forest industries planted 589,163 acres, 147,765 acres more than in 1960; and other industries planted 78,752 acres, 17,777 acres less than in 1960.

Windbarrier Planting

windbarrier planting was reported from 31 States and Puerto Rico. It amounted to 34,171 acres, classed as follows:

	<u>Acres</u>
Federal land	700
Other public land	121
Private land	<u>33,350</u>
Total	34,171

Private land windbarrier planting decreased 894 acres in 1961. The public agencies planted 307 acres less than in 1960. The overall result is a decrease of 2.5 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 1961 are:

	<u>Acres</u>
North Dakota	11,500
South Dakota	6,980
Nebraska	4,980
Montana	1,592
Kansas	1,580
Colorado	1,282
Minnesota	1,030
California	728
Indiana	638

Private land windbarrier planting in 9 States with over 500 acres	30,310	--	89%
Private land windbarrier planting in 16 States and Puerto Rico	3,040	--	9%
Public land windbarrier planting	821	--	2%

Availability of Planting Stock

All public and private nurseries together shipped 1,537,558,000 trees in 1961 -- 20 percent less than in 1960.

Forest tree nursery activities for 1961 are summarized as follows:

	<u>Nurseries that shipped trees in 1961</u>	<u>Quantity shipped</u>	
<u>Federal:</u>			
Forest Service	14	121,831,000	
Tennessee Valley Authority	1	8,273,000	
	<u>15</u>	<u>130,104,000</u>	
<u>State:</u>			
State Foresters or equivalent	103	1,001,103,000	
		<u>1,001,103,000</u>	
<u>Other Public:</u>			
Soil Conservation Districts	11	13,074,000	
County and Municipal	3	479,000	
	<u>14</u>	<u>13,553,000</u>	
<u>Industry:</u>			
Paper companies	25	226,081,000	
Lumber and land companies	10	69,674,000	
	<u>35</u>	<u>295,755,000</u>	
<u>Commercial:</u>			
Private companies	89	97,043,000	
		<u>97,043,000</u>	
	<u>=====</u>	<u>=====</u>	
Total	254	1,537,558,000	
Total - 1960	252	1,918,746,000	

For additional details see Table 7 of this report and also "Forest Tree Nurseries in the United States - 1961," published by the U.S. Department of Agriculture, Forest Service, Washington, D.C.

In 1961 the 15 Federal nurseries shipped 130,104,000 trees in comparison with 177,698,000 in 1960. 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 closing of one TVA nursery and the reduction of more than 32 million in the number of trees shipped was due to the large reduction in the need for trees for Soil Bank plantings.

The State nurseries shipped 1,001,103,000 plants in 1961. 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>
South Carolina	138,609,000
Georgia	113,526,000
Mississippi	88,214,000
Alabama	82,907,000
Louisiana	75,313,000
Florida	68,384,000
North Carolina	66,879,000
New York	41,597,000
Minnesota	41,293,000
Virginia	35,168,000

These 10 States shipped 49 percent of the Nation's entire supply.

Forty-three States and Puerto Rico shipped 1,001,103,000 trees from 103 nurseries in 1961. In 1960, 108 nurseries shipped 1,359,306,000 plants.

Forty-eight States and Puerto Rico conducted tree distribution programs in 1961. 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 1961.

The total output of the 11 Soil Conservation District nurseries was 13,074,000 trees as against 13,262,000 for the 11 nurseries in 1960. The stock from these nurseries all goes to District cooperators for planting on private lands.

There are now 3 county and municipal nurseries. They produced 479,000 trees in 1961 as against 558,000 from four nurseries in 1960. 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 were 35 such nurseries in 1961 with an output of 295,755,000 trees as against an output of 258,810,000 trees in 1960.

Commercial nurseries reporting in 1961 numbered 89 and their total output was 97,043,000 plants, which is 11 percent less than in 1960. No commercial production of forest or windbarrier planting stock is reported from 28 States and Puerto Rico.

Of the 89 commercial nurseries that reported, 24 are in Pennsylvania and 26 are in Michigan. Their production runs heavily to Christmas tree planting stock. Twelve 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 27 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 1961. Thirty-three States reported from 1 to 67,924 acres. The amount of such work is detailed in Table 4 of this report and is summarized below:

	<u>Acres</u>
Federal lands	50,042
Non-Federal public	18,950
Private	112,412
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Total reported 1961	181,404
Total reported 1960	164,523
Total reported 1959	108,766
Total reported 1955	4,679



The following 12 States direct seeded more than 2,500 acres each:

	<u>Acres</u>	
Oregon	67,924	
Louisiana	30,785	
Washington	25,205	
Mississippi	11,864	
Georgia	11,494	
Florida	7,660	
Alabama	7,297	
Virginia	4,651	
California	2,686	
Alaska	2,539	
Montana	2,520	
Arkansas	2,512	
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Total	177,137	-- 97% of total

Table 1

# ACRES OF FOREST PLANTING (INCLUDING SEEDING) ON FEDERAL LAND 1961

(EXCLUSIVE OF WINDBARRIER PLANTING)

July 1, 1960 - June 30, 1961

STATE	NATIONAL FORESTS			U. S. DEPARTMENT OF THE INTERIOR AND INDIAN RESERVATIONS			OTHER FEDERAL			TOTAL - TABLE 1			STATE
	Current year	Previous years	Total	Current year	Previous years	Total	Current year	Previous years	Total	Current year	Previous years	Total	
Alabama	3,790	57,917	61,707	30	2,301	2,331	964	22,882	23,846	4,784	83,100	87,884	Alabama
Alaska	2,539	1,719	4,258	0	0	0	0	0	0	2,539	1,719	4,258	Alaska
Arizona	133	3,158	3,291	4	4,011	4,015	0	0	0	137	7,169	7,306	Arizona
Arkansas	5,294	26,887	32,181	0	313	313	41	5,296	5,337	5,335	32,496	37,831	Arkansas
California	14,580	96,627	111,207	537	801	1,338	0	82	82	15,117	97,510	112,627	California
Colorado	1,872	71,941	73,813	606	1,332	1,938	92	5	97	2,570	73,278	75,848	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	4,323	46,946	51,269	38	80	118	1,882	8,401	10,283	6,243	55,427	61,670	Florida
Georgia	3,990	31,561	35,551	0	573	573	651	5,246	5,897	4,641	37,380	42,021	Georgia
Hawaii	0	0	0	0	0	0	0	0	0	0	0	0	Hawaii
Idaho	5,665	116,138	121,803	59	131	190	0	0	0	5,724	116,269	121,993	Idaho
Illinois	290	45,687	45,977	10	6,521	6,531	48	103	151	348	52,021	52,369	Illinois
Indiana	1,178	21,611	22,789	0	0	0	421	5,255	5,676	1,599	26,866	28,465	Indiana
Iowa	0	60	60	0	142	142	117	1,958	2,075	117	2,160	2,277	Iowa
Kansas	0	100	100	0	0	0	31	32	63	31	132	163	Kansas
Kentucky	351	1,383	1,734	170	3,229	3,399	201	1,506	1,707	722	6,118	6,840	Kentucky
Louisiana	7,758	130,407	138,165	0	0	0	300	2,189	2,489	8,058	132,596	140,654	Louisiana
Maine	18	460	470	0	2	2	70	0	70	80	462	542	Maine
Maryland	0	0	0	0	5	5	0	0	0	0	5	5	Maryland
Massachusetts	0	0	0	0	6	6	0	515	520	5	521	526	Massachusetts
Michigan	9,579	576,987	586,566	0	481	481	37	50	87	9,616	577,518	587,134	Michigan
Minnesota	4,850	155,485	160,335	300	8,737	9,037	0	2	2	5,150	164,224	169,374	Minnesota
Mississippi	9,490	180,784	190,274	165	929	1,094	1,369	8,329	9,698	11,024	190,042	201,066	Mississippi
Missouri	1,859	76,254	78,113	0	61	61	124	589	713	1,983	76,904	78,887	Missouri
Montana	3,241	51,384	54,625	2,478	241	2,719	4	115	119	5,723	51,740	57,463	Montana
Nebraska	150	30,065	30,215	0	519	519	2	596	598	152	31,180	31,332	Nebraska
Nevada	41	465	506	0	0	0	0	0	0	41	465	506	Nevada
New Hampshire	0	1,170	1,170	0	0	0	0	28	28	0	1,198	1,198	New Hampshire
New Jersey	0	0	0	0	0	0	0	610	610	0	610	610	New Jersey
New Mexico	44	3,262	3,306	3	3,157	3,160	0	0	0	47	6,419	6,466	New Mexico
New York	0	0	0	0	83	83	8	4,422	4,430	8	4,505	4,513	New York
North Carolina	2,417	19,461	21,878	18	1,206	1,224	280	1,460	1,740	2,715	22,127	24,842	North Carolina
North Dakota	0	967	967	3	2	5	0	0	0	3	969	972	North Dakota
Ohio	1,179	16,918	18,097	0	0	0	32	1,009	1,041	1,211	17,927	19,138	Ohio
Oklahoma	410	5,916	6,326	0	0	0	5	315	320	415	6,231	6,646	Oklahoma
Oregon	49,016	208,384	257,400	23,539	115,551	139,090	0	0	0	72,555	323,935	396,490	Oregon
Pennsylvania	260	18,641	18,901	0	21	21	40	323	363	300	18,985	19,285	Pennsylvania
Rhode Island	0	0	0	0	0	0	0	41	41	0	41	41	Rhode Island
South Carolina	73	20,414	21,167	389	4,506	4,895	3,182	66,553	69,735	4,324	91,473	95,787	South Carolina
South Dakota	1,352	37,995	39,347	0	10	10	0	34	34	1,352	38,039	39,391	South Dakota
Tennessee	851	7,329	8,180	20	216	236	1,305	39,329	40,634	2,176	46,874	49,050	Tennessee
Texas	971	52,356	53,327	0	0	0	730	9,068	9,798	1,701	61,424	63,125	Texas
Utah	60	4,169	4,229	0	0	0	0	0	0	60	4,169	4,229	Utah
Vermont	11	1,419	1,430	0	2	2	0	0	0	11	1,421	1,432	Vermont
Virginia	459	5,140	5,599	0	501	501	2,173	1,539	3,714	2,634	7,180	9,814	Virginia
Washington	19,528	182,143	201,671	0	5,940	5,940	0	2,624	2,624	19,528	190,707	210,235	Washington
West Virginia	261	16,500	16,761	0	0	0	30	62	92	291	16,562	16,853	West Virginia
Wisconsin	2,029	229,749	231,778	0	3,288	3,288	40	328	368	2,069	233,365	235,434	Wisconsin
Wyoming	376	8,348	8,724	487	1,596	2,086	0	0	0	863	9,944	10,807	Wyoming
TOTAL - 50 STATES	160,960	2,564,017	2,724,977	28,856	166,535	195,391	14,186	190,906	205,092	204,002	2,921,458	3,125,460	TOTAL - 50 STATES
Puerto Rico	0	0	0	0	0	0	0	0	0	0	0	0	Puerto Rico
GRAND TOTAL	160,960	2,564,017	2,724,977	28,856	166,535	195,391	14,186	190,906	205,092	204,002	2,921,458	3,125,460	GRAND TOTAL

Table 2  
**ACRES OF FOREST PLANTING (INCLUDING SEEDING) ON NON-FEDERAL PUBLIC LAND 1961**  
 (EXCLUSIVE OF WINDBARRIER PLANTING)

July 1, 1960 - June 30, 1961

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	Total	Current year	Previous years	Total	Current year	Previous years	Total				
Alabama	57	1,086	1,143	361	2,968	3,329	335	1,581	1,916	753	5,635	6,388	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	100	5,612	5,712	10	179	189	31	672	703	141	6,463	6,604	Arkansas
California	31	457	488	59	981	1,040	71	324	395	161	1,923	1,923	California
Colorado	0	0	0	5	5	10	0	155	155	5	160	165	Colorado
Connecticut	75	10,996	11,071	10	677	687	40	3,768	3,808	125	15,441	15,566	Connecticut
Delaware	8	486	494	0	138	138	0	208	208	8	812	840	Delaware
Florida	2,296	37,956	40,252	298	7,347	7,645	370	2,046	2,416	2,964	47,349	50,313	Florida
Georgia	1,058	8,637	9,695	255	5,411	5,666	418	5,244	5,662	1,731	19,292	21,023	Georgia
Hawaii	1,659	37,086	38,745	2	354	356	0	167	167	1,661	37,607	39,268	Hawaii
Idaho	0	162	162	0	703	703	2	129	131	2	994	996	Idaho
Illinois	50	4,989	5,039	211	6,413	6,624	284	5,474	5,474	545	16,592	17,137	Illinois
Indiana	16	25,479	25,495	82	3,926	4,008	16	706	722	114	30,111	30,225	Indiana
Iowa	161	2,566	2,727	137	5,634	5,771	20	431	451	318	8,631	8,949	Iowa
Kansas	0	0	0	0	4,000	4,000	0	0	0	0	4,000	4,000	Kansas
Kentucky	86	8,579	8,665	27	572	599	99	586	685	212	9,737	9,949	Kentucky
Louisiana	100	5,353	5,453	20	520	540	1,220	6,107	7,327	1,340	11,980	13,320	Louisiana
Maine	0	331	331	0	318	318	85	1,255	1,340	85	1,904	1,989	Maine
Maryland	320	6,001	6,321	46	905	951	269	3,514	3,783	635	10,420	11,055	Maryland
Massachusetts	28	32,872	32,900	47	12,955	13,002	60	17,369	17,429	135	63,196	63,331	Massachusetts
Michigan	19,553	348,493	368,046	168	21,380	21,548	259	19,019	19,278	19,980	388,892	408,872	Michigan
Minnesota	8,916	66,617	75,533	1,214	25,556	26,770	3,442	23,657	27,099	13,572	115,830	129,402	Minnesota
Mississippi	150	3,113	3,263	107	2,929	3,036	1,378	2,292	3,670	1,635	8,334	9,969	Mississippi
Missouri	232	5,216	5,448	70	1,725	1,795	0	65	65	302	7,006	7,308	Missouri
Montana	217	305	522	4	40	44	0	0	0	221	345	566	Montana
Nebraska	0	200	200	0	576	576	8	876	884	8	1,652	1,660	Nebraska
Nevada	0	0	0	0	17	17	0	0	0	0	17	17	Nevada
New Hampshire	30	8,234	8,264	7	247	254	11	4,656	4,667	48	13,137	13,185	New Hampshire
New Jersey	8	11,293	11,301	0	956	956	17	1,571	1,588	25	13,820	13,845	New Jersey
New Mexico	0	0	0	0	0	0	0	0	0	0	0	0	New Mexico
New York	2,112	416,581	418,693	441	28,347	28,788	564	98,376	98,940	3,117	543,304	546,421	New York
North Carolina	356	6,262	6,618	265	10,076	10,341	461	3,725	4,236	1,082	20,113	21,195	North Carolina
North Dakota	0	0	0	0	0	0	0	0	0	0	0	0	North Dakota
Ohio	309	20,557	20,866	548	9,254	9,812	518	18,737	19,255	1,385	48,548	49,933	Ohio
Oklahoma	0	0	0	82	817	899	3	216	219	85	1,033	1,118	Oklahoma
Oregon	21,586	134,599	156,185	542	2,621	3,163	350	4,571	4,921	22,478	141,791	164,269	Oregon
Pennsylvania	1,620	69,999	71,619	224	14,284	14,508	376	14,655	15,031	2,220	98,938	101,158	Pennsylvania
Rhode Island	147	4,280	4,427	0	513	513	6	6,891	6,897	153	11,684	11,837	Rhode Island
South Carolina	1,778	21,028	22,806	258	17,265	17,523	604	2,995	3,599	2,640	44,593	47,233	South Carolina
South Dakota	0	436	436	127	2,319	2,446	0	0	0	127	2,755	2,882	South Dakota
Tennessee	822	45,868	46,690	0	1,853	1,853	0	974	974	822	48,695	49,517	Tennessee
Texas	11	688	699	3	771	774	0	2,126	2,126	14	3,585	3,599	Texas
Utah	0	0	0	9	77	86	0	86	86	9	77	86	Utah
Vermont	15	3,422	3,437	42	391	433	73	4,399	4,472	130	8,212	8,342	Vermont
Virginia	387	7,029	7,416	157	1,021	1,178	90	1,342	1,432	634	9,392	10,026	Virginia
Washington	13,441	83,102	96,543	0	334	334	132	6,874	7,006	13,573	90,310	103,883	Washington
West Virginia	21	1,843	1,864	13	1,694	1,694	86	790	876	120	4,314	4,434	West Virginia
Wisconsin	1,324	64,839	66,163	140	4,428	4,568	5,318	169,405	174,723	6,782	238,672	245,454	Wisconsin
Wyoming	0	0	0	0	0	0	0	0	0	0	0	0	Wyoming
TOTAL - 50 STATES	79,080	1,512,652	1,591,732	6,001	203,484	209,485	17,016	437,714	454,730	102,097	2,157,155	2,259,252	TOTAL - 50 STATES
Puerto Rico	37	22,129	22,166	0	3,574	3,574	1	481	482	38	26,184	26,222	Puerto Rico
GRAND TOTAL	79,117	1,534,781	1,613,898	6,001	207,058	213,059	17,017	438,195	455,212	102,135	2,183,339	2,285,474	GRAND TOTAL

Table 3  
**ACRES OF FOREST PLANTING (INCLUDING SEEDING) ON PRIVATELY-OWNED LAND 1961**  
 (EXCLUSIVE OF WINDBARRIER PLANTING)  
 July 1, 1960-June 30, 1961

STATE	PERSONS, CLUBS, ASSOCIATIONS, AND PRIVATE SCHOOLS			FOREST INDUSTRY			OTHER INDUSTRY (Mining, RR, water & power companies)			TOTAL - TABLE 3			STATE
	Current year	Previous years	Total	Current year	Previous years	Total	Current year	Previous years	Total	Current year	Previous years	Total	
Alabama	67,741	551,638	619,379	58,755	273,051	331,806	3,741	24,836	28,577	130,237	849,525	979,762	Alabama
Alaska	0	0	0	0	0	0	0	0	0	0	0	0	Alaska
Arizona	0	237	237	0	0	0	0	0	0	0	237	237	Arizona
Arkansas	13,183	196,523	209,706	8,598	127,961	136,559	76	6,754	6,830	21,857	331,238	353,095	Arkansas
California	2,339	18,679	21,018	3,186	34,153	37,339	211	555	766	5,736	53,387	59,123	California
Colorado	86	4,265	4,351	0	0	0	0	0	0	86	4,265	4,351	Colorado
Connecticut	1,360	29,562	30,922	0	0	0	40	8,777	8,817	1,400	32,339	33,739	Connecticut
Delaware	400	4,420	4,820	405	532	937	0	53	53	805	5,005	5,810	Delaware
Florida	53,984	751,047	805,031	99,189	506,114	605,303	17,548	108,775	126,323	170,721	1,365,936	1,536,657	Florida
Georgia	99,102	1,126,599	1,225,701	96,568	505,451	602,019	1,425	20,482	21,907	197,095	1,652,532	1,849,627	Georgia
Hawaii	147	7,499	7,646	190	436	626	30	54,121	54,151	367	62,056	62,423	Hawaii
Idaho	205	3,868	4,073	209	2,239	2,448	2	47	49	416	6,154	6,570	Idaho
Illinois	4,135	72,218	76,353	32	0	32	475	22,226	22,701	4,642	94,444	99,086	Illinois
Indiana	2,673	45,944	48,617	41	771	812	2,043	37,101	39,144	4,757	83,816	88,573	Indiana
Iowa	1,520	41,993	43,513	25	265	290	0	396	396	1,545	42,654	44,199	Iowa
Kansas	206	25,515	25,721	0	0	0	0	0	0	206	25,515	25,721	Kansas
Kentucky	14,775	78,918	93,693	7	675	682	3,105	11,576	14,681	17,887	91,169	109,056	Kentucky
Louisiana	29,678	351,814	381,492	67,101	551,555	618,656	16,895	136,968	153,863	113,674	1,040,337	1,154,011	Louisiana
Maine	5,518	19,229	24,747	915	10,955	11,870	59	1,231	1,292	6,492	31,417	37,909	Maine
Maryland	3,557	6,716	10,273	1,270	5,620	6,890	222	1,775	1,997	5,049	54,561	59,610	Maryland
Massachusetts	590	34,947	35,537	54	3,319	3,373	0	755	755	644	39,021	39,665	Massachusetts
Michigan	12,003	364,207	376,210	1,950	3,668	5,618	400	21,654	21,654	14,353	389,129	403,482	Michigan
Minnesota	26,339	155,346	181,685	780	13,061	13,841	300	498	798	27,419	168,905	196,324	Minnesota
Mississippi	97,318	677,928	775,246	42,675	220,190	262,865	1,602	15,626	17,228	141,595	913,744	1,055,339	Mississippi
Missouri	3,752	40,674	44,426	415	1,016	1,431	150	668	818	4,317	42,358	46,675	Missouri
Montana	294	1,291	1,585	215	1,641	1,856	47	50	97	556	2,982	3,538	Montana
Nebraska	875	16,171	17,046	0	1,400	1,400	0	1,543	1,543	875	19,114	19,989	Nebraska
Nevada	0	25	25	0	0	0	0	0	0	0	25	25	Nevada
New Hampshire	1,606	31,962	33,568	33	2,953	2,986	22	1,152	1,174	1,661	36,067	37,728	New Hampshire
New Jersey	603	28,356	28,959	0	112	112	16	7,192	7,208	619	35,660	36,279	New Jersey
New Mexico	0	2,093	2,093	30	0	30	0	0	0	30	2,093	2,123	New Mexico
New York	35,688	560,501	596,189	247	8,341	8,588	370	24,505	24,875	36,305	593,347	629,652	New York
North Carolina	36,024	273,944	309,968	31,824	140,091	171,915	2,122	20,323	22,445	69,970	434,358	504,328	North Carolina
North Dakota	0	2,064	2,064	0	0	0	0	0	0	0	2,064	2,064	North Dakota
Ohio	5,596	135,858	141,454	124	2,361	2,485	9,232	63,125	72,357	14,952	201,344	216,296	Ohio
Oklahoma	2,579	45,976	48,555	215	9,500	9,715	0	130	130	2,794	55,606	58,400	Oklahoma
Oregon	7,184	39,976	47,160	42,461	189,729	232,190	394	1,902	2,296	50,039	231,607	281,646	Oregon
Pennsylvania	19,766	360,732	380,498	11,684	77,172	88,856	6,562	140,059	146,621	38,012	577,963	615,975	Pennsylvania
Rhode Island	220	22,717	22,937	0	0	0	0	0	0	220	22,717	22,937	Rhode Island
South Carolina	127,189	548,894	676,083	21,539	172,263	193,802	6,286	24,587	30,873	155,014	745,744	900,758	South Carolina
South Dakota	90	15,979	16,069	0	0	0	0	0	0	90	15,981	16,071	South Dakota
Tennessee	25,670	353,390	379,060	15,268	73,417	88,685	2,253	7,528	9,781	43,191	434,335	477,526	Tennessee
Texas	15,752	232,646	248,398	36,808	156,658	193,466	0	2,257	2,257	52,560	391,561	444,121	Texas
Utah	90	725	815	5	17	22	52	21	73	147	763	910	Utah
Vermont	5,912	46,692	52,604	52	4,112	4,164	19	2,160	2,179	5,983	52,964	58,947	Vermont
Virginia	22,755	119,853	142,608	15,581	111,362	126,943	501	3,511	4,012	38,837	234,726	273,563	Virginia
Washington	2,079	36,868	38,947	27,379	205,019	232,398	2,846	105	2,153	31,504	341,992	373,496	Washington
West Virginia	4,362	48,368	52,730	164	995	1,159	183	2,517	2,700	4,709	51,880	56,589	West Virginia
Wisconsin	31,703	342,670	374,373	3,169	56,396	59,565	323	1,842	2,165	39,195	400,908	436,103	Wisconsin
Wyoming	0	23	23	0	0	0	0	0	0	0	23	23	Wyoming
TOTAL - 50 STATES	786,648	7,912,010	8,698,658	589,163	3,474,571	4,063,734	78,752	779,987	857,739	1,454,563	12,165,568	13,620,131	TOTAL - 50 STATES
Puerto Rico	1,335	67,648	68,983	0	0	0	0	616	616	1,335	68,264	69,599	Puerto Rico
GRAND TOTAL	787,983	7,979,658	8,767,641	589,163	3,474,571	4,063,734	78,752	779,603	858,355	1,455,898	12,233,832	13,689,730	GRAND TOTAL

Table 4  
**ACRES OF DIRECT SEEDING ON ALL OWNERSHIP OF LAND 1961**  
 (INCLUDED IN TABLES 1, 2, & 3)

July 1, 1960 - June 30, 1961

STATE	FEDERAL			OTHER PUBLIC (NON-FEDERAL)			PRIVATELY OWNED			TOTAL - TABLE 4			STATE
	Current year	Previous years	Total	Current year	Previous years	Total	Current year	Previous years	Total	Current year	Previous years	Total	
Alabama	1,217	1,200	2,417	0	0	0	6,080	18,543	24,623	7,297	19,743	27,040	Alabama
Alaska	2,539	1,719	4,258	0	0	0	0	0	0	2,539	1,719	4,258	Alaska
Arizona	16	706	722	0	0	0	0	0	0	16	706	722	Arizona
Arkansas	2,022	2,979	5,001	0	0	0	490	0	490	2,512	2,979	5,491	Arkansas
California	537	9,143	9,680	2	94	96	2,147	3,733	5,880	2,686	12,970	15,656	California
Colorado	23	3,510	3,533	0	0	0	0	0	0	23	3,510	3,533	Colorado
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	Connecticut
Delaware	0	0	0	0	0	0	0	1	1	0	1	1	Delaware
Florida	1,109	4,264	5,373	0	0	0	6,551	3,247	9,798	7,660	7,511	15,171	Florida
Georgia	264	1,557	1,821	0	0	0	11,230	0	11,230	11,494	1,557	13,051	Georgia
Hawaii	0	0	0	0	0	0	0	0	0	0	0	0	Hawaii
Idaho	33	1,833	1,866	0	0	0	100	1,250	1,350	133	3,083	3,216	Idaho
Illinois	0	1,780	1,780	0	0	0	0	0	0	0	1,780	1,780	Illinois
Indiana	0	451	451	0	0	0	0	0	0	0	451	451	Indiana
Iowa	0	0	0	0	0	0	0	0	0	0	0	0	Iowa
Kansas	0	0	0	0	0	0	25	0	25	25	0	25	Kansas
Kentucky	0	6	6	0	2	2	166	652	818	166	660	826	Kentucky
Louisiana	1,816	9,807	11,623	135	75	210	28,834	129,544	158,378	30,785	139,426	170,211	Louisiana
Maine	0	0	0	0	0	0	0	0	0	0	0	0	Maine
Maryland	0	0	0	0	0	0	0	0	0	0	0	0	Maryland
Massachusetts	0	0	0	0	0	0	0	0	0	0	0	0	Massachusetts
Michigan	275	1,378	1,653	0	0	0	0	0	0	275	1,378	1,653	Michigan
Minnesota	0	3,290	3,290	0	0	0	0	0	0	0	3,290	3,290	Minnesota
Mississippi	4,647	8,191	12,838	38	38	76	7,179	1,574	8,753	11,864	9,803	21,667	Mississippi
Missouri	166	10,285	10,451	32	3	35	117	223	340	315	10,511	10,826	Missouri
Montana	2,410	2,803	5,213	110	0	110	0	60	60	2,520	2,863	5,383	Montana
Nebraska	0	0	0	3	1	4	25	0	25	28	1	29	Nebraska
Nevada	12	20	32	0	0	0	0	0	0	12	20	32	Nevada
New Hampshire	0	48	48	1	0	1	0	0	0	1	48	49	New Hampshire
New Jersey	0	0	0	0	0	0	0	0	0	0	0	0	New Jersey
New Mexico	0	2,130	2,130	0	0	0	0	0	0	0	2,130	2,130	New Mexico
New York	0	0	0	0	0	0	0	0	0	0	0	0	New York
North Carolina	170	252	422	0	5	5	895	71	966	1,065	328	1,393	North Carolina
North Dakota	0	0	0	0	0	0	0	0	0	0	0	0	North Dakota
Ohio	0	274	274	6	0	6	33	140	173	39	414	453	Ohio
Oklahoma	200	105	305	0	0	0	67	400	467	267	505	772	Oklahoma
Oregon	26,632	52,884	79,516	13,822	66,207	80,029	27,470	88,460	115,930	67,924	207,551	275,475	Oregon
Pennsylvania	0	80	80	0	0	0	0	0	0	0	80	80	Pennsylvania
Rhode Island	0	0	0	0	0	0	0	0	0	0	0	0	Rhode Island
South Carolina	144	235	379	0	90	90	184	225	409	328	550	878	South Carolina
South Dakota	110	15,979	16,089	0	0	0	0	0	0	110	15,979	16,089	South Dakota
Tennessee	842	874	1,716	0	0	0	0	0	0	842	874	1,716	Tennessee
Texas	343	126	469	0	0	0	0	2,919	2,919	343	3,045	3,388	Texas
Utah	40	4	44	0	0	0	0	0	0	40	4	44	Utah
Vermont	0	0	0	0	0	0	0	0	0	0	0	0	Vermont
Virginia	121	27	148	56	5	61	4,474	105	4,579	4,651	137	4,788	Virginia
Washington	4,252	13,164	17,416	4,741	9,210	13,951	16,212	91,261	107,473	25,205	113,635	138,840	Washington
West Virginia	10	0	10	4	4	8	33	190	223	47	194	241	West Virginia
Wisconsin	0	726	726	0	0	0	100	0	100	100	726	826	Wisconsin
Wyoming	92	2,462	2,554	0	0	0	0	0	0	92	2,462	2,554	Wyoming
TOTAL - 50 STATES	50,042	154,292	204,335	18,950	75,734	94,684	112,412	342,598	455,010	181,404	572,624	754,028	TOTAL - 50 STATES
Puerto Rico	0	0	0	0	0	0	0	0	0	0	0	0	Puerto Rico
GRAND TOTAL	50,042	154,292	204,335	18,950	75,734	94,684	112,412	342,598	455,010	181,404	572,624	754,028	GRAND TOTAL

Table 5  
**ACRES OF WINDBARRIER PLANTING ON ALL OWNERSHIP OF LAND 1961**  
 (EXCLUSIVE OF FOREST PLANTING)

July 1, 1960 - June 30, 1961

STATE	FEDERAL			OTHER PUBLIC (NON-FEDERAL)			PRIVATELY OWNED			TOTAL - TABLE 5			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	70	78	148	0	0	0	0	0	0	70	78	148	0	Alabama
Alaska	0	0	0	0	0	0	0	0	0	0	0	0	0	Alaska
Arizona	50	8,046	8,096	0	0	0	28	944	972	78	8,990	9,068	0	Arizona
Arkansas	0	0	0	0	0	0	0	0	0	0	0	0	0	Arkansas
California	36	347	383	0	0	0	728	6,448	7,176	764	6,795	7,559	2.4	California
Colorado	4	87	91	11	33	44	1,282	25,936	27,218	1,297	26,056	27,353	10	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	0	Florida
Georgia	0	28	28	0	0	0	0	0	0	0	28	28	0	Georgia
Hawaii	0	0	0	1	7	8	75	1,516	1,591	76	1,523	1,599	0.8	Hawaii
Idaho	0	52	52	0	0	0	420	8,435	8,855	428	8,487	8,915	4.2	Idaho
Illinois	2	8	10	0	0	0	0	2,600	2,600	2	2,608	2,610	0	Illinois
Indiana	0	91	91	0	0	0	638	14,758	15,396	638	14,849	15,487	4.0	Indiana
Iowa	1	13	14	0	0	0	2	28,094	28,096	3	28,107	28,110	4.0	Iowa
Kansas	50	66	116	0	0	0	1,580	212,400	213,980	1,630	212,466	214,096	10.3	Kansas
Kentucky	0	0	0	0	0	0	4	77	81	4	77	81	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	1	10	11	47	122	169	48	132	180	2.5	Maryland
Massachusetts	6	4	10	0	0	0	0	0	0	6	4	10	0	Massachusetts
Michigan	0	1	1	0	0	0	211	7,487	7,698	211	7,488	7,699	1.6	Michigan
Minnesota	0	79	79	0	0	0	1,030	16,793	17,823	1,030	16,872	17,902	0	Minnesota
Mississippi	0	9	9	0	0	0	0	0	0	0	9	9	0	Mississippi
Missouri	0	188	188	1	2	3	10	2,054	2,064	11	2,244	2,255	3.0	Missouri
Montana	15	448	463	3	7	10	1,592	17,855	19,447	1,610	18,310	19,920	5.8	Montana
Nebraska	4	1,095	1,099	0	0	0	4,980	320,863	325,843	4,984	321,958	326,942	8.0	Nebraska
Nevada	18	3,807	3,807	4	40	44	62	706	768	84	4,535	4,619	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	51	5,719	5,770	0	0	0	428	3,448	3,876	479	9,167	9,646	2.7	New Mexico
New York	5	29	34	0	0	0	0	0	0	5	29	34	0	New York
North Carolina	10	122	132	0	0	0	0	0	0	10	122	132	0	North Carolina
North Dakota	64	2,893	2,957	0	311	311	11,500	142,227	153,727	11,564	145,431	156,995	4.1	North Dakota
Ohio	0	10	10	0	0	0	51	2,423	2,474	51	2,433	2,484	3.6	Ohio
Oklahoma	5	220	225	7	207	214	404	59,213	59,617	416	59,640	60,056	4.0	Oklahoma
Oregon	0	72	72	0	0	0	32	59	91	32	131	163	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	0	7	7	0	0	0	0	0	0	0	7	7	0	South Carolina
South Dakota	300	2,973	3,273	74	4,288	4,362	6,980	124,756	131,736	7,354	132,017	139,371	10.2	South Dakota
Tennessee	0	54	54	0	0	0	0	0	0	0	54	54	0	Tennessee
Texas	0	427	427	0	5	5	397	29,547	29,944	397	29,979	30,376	4.0	Texas
Utah	0	532	532	5	54	59	95	2,610	2,705	100	3,196	3,296	4.0	Utah
Vermont	0	0	0	0	0	0	0	0	0	0	0	0	0	Vermont
Virginia	1	54	55	0	0	0	0	141	141	1	195	196	0	Virginia
Washington	0	37	37	0	0	0	171	9,746	9,917	171	9,783	9,954	2.9	Washington
West Virginia	0	3	3	0	0	0	0	0	0	0	3	3	0	West Virginia
Wisconsin	0	15	15	0	0	0	0	7,600	7,600	0	7,615	7,615	0	Wisconsin
Wyoming	0	740	740	14	482	496	497	10,941	11,438	511	12,163	12,674	1.0	Wyoming
TOTAL - 50 STATES	700	28,982	29,682	121	5,446	5,567	33,244	1,059,799	1,093,043	34,065	1,094,227	1,128,292	--	TOTAL - 50 STATES
Puerto Rico	0	0	0	0	0	0	106	977	1,083	106	977	1,083	2.4	Puerto Rico
GRAND TOTAL	700	28,982	29,682	121	5,446	5,567	33,350	1,060,776	1,094,126	34,171	1,095,204	1,129,375	--	GRAND TOTAL



Table 7

## THE QUANTITY OF FOREST AND WINDBARRIER STOCK AVAILABLE 1961

July 1, 1960 - June 30, 1961

STATE	PART 7A 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	64,447	17,897	82,762	3.85
Alaska	0	0	0	0
Arizona	0	0	0	0
Arkansas	17,641	3,867	21,508	4.00
California	2,191	0	3,176	10.41
Colorado	493	14	533	44.25
Connecticut	1,563	0	1,692	15.70
Delaware	880	0	880	0
Florida	59,794	6,839	68,332	4.02
Georgia	71,069	39,227	112,369	4.05
Hawaii	1,159	0	1,159	0
Idaho	487	120	607	15.70
Illinois	5,137	50	7,303	16.06
Indiana	6,139	0	6,962	11.94
Iowa	1,256	74	1,330	21.74
Kansas	957	0	957	61.39
Kentucky	15,452	101	15,553	8.00
Louisiana	73,901	1,080	74,981	4.25
Maine	1,033	5,101	6,518	10.00
Maryland	4,859	0	5,169	0
Massachusetts	695	84	779	24.73
Michigan	23,429	0	23,429	11.76
Minnesota	18,995	11,336	41,293	9.97
Mississippi	83,004	5,210	88,214	4.50
Missouri	4,133	265	5,204	8.15
Montana	1,059	10	1,166	32.27
Nebraska	1,922	0	1,922	46.67
Nevada	45	0	57	68.71
New Hampshire	1,538	316	1,854	10.00
New Jersey	644	0	664	15.46
New Mexico	101	0	101	45.00
New York	27,723	11,759	41,657	5.00
North Carolina	47,222	6,259	54,845	4.93
North Dakota	1,412	428	1,840	24.55
Ohio	14,548	0	15,733	9.98
Oklahoma	3,098	37	3,819	5.65
Oregon	10,543	1,185	13,509	9.16
Pennsylvania	12,953	158	13,994	6.18
Rhode Island	399	0	399	15.00
South Carolina	53,243	91,505	145,609	3.52
South Dakota	1,730	260	1,990	31.03
Tennessee	30,966	0	36,277	4.05
Texas	21,086	0	21,086	3.54
Utah	115	0	125	44.78
Vermont	3,257	2,406	5,663	13.41
Virginia	37,290	0	37,290	4.40
Washington	9,465	0	13,297	9.20
West Virginia	4,007	72	4,696	14.13
Wisconsin	29,577	2,887	32,464	16.59
Wyoming	181	0	232	4.00
TOTAL - 50 STATES	772,838	208,547	1,020,999	5.83
Puerto Rico	1,321	0	1,346	0
GRAND TOTAL	774,159	208,547	1,022,345	5.83

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

STATE	PART 7B 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	0	82,907	0	15,100	0	98,007
Alaska	0	0	0	0	0	0
Arizona	0	0	0	0	0	0
Arkansas	0	21,482	0	0	0	21,482
California	8,468	3,176	101	18	335	12,098
Colorado	1,240	269	0	0	30	1,539
Connecticut	0	2,502	0	0	0	2,502
Delaware	0	880	0	0	0	880
Florida	0	68,384	0	90,972	0	159,356
Georgia	0	113,526	0	58,608	16,000	188,134
Hawaii	0	1,159	0	0	0	1,159
Idaho	2,351	607	0	0	0	2,958
Illinois	0	7,303	0	0	0	7,303
Indiana	6,355	5,593	0	0	0	11,948
Iowa	0	1,330	0	0	319	1,649
Kansas	0	0	0	0	1,900	1,900
Kentucky	0	14,036	0	700	0	14,736
Louisiana	19,299	75,313	0	11,829	0	106,441
Maine	0	4,284	0	0	11	4,295
Maryland	0	5,169	0	0	0	5,169
Massachusetts	0	779	0	0	0	779
Michigan	20,821	14,004	5,258	1,746	30,002	71,831
Minnesota	3,034	41,293	0	1,508	108	45,943
Mississippi	36,020	88,214	0	4,846	0	129,080
Missouri	0	4,847	0	0	10	4,857
Montana	418	1,202	0	38	658	2,316
Nebraska	3,651	0	0	0	4,194	7,845
Nevada	0	45	0	0	0	45
New Hampshire	0	1,834	0	0	0	1,834
New Jersey	0	704	0	0	113	817
New Mexico	0	0	0	0	0	0
New York	0	41,597	0	0	836	42,433
North Carolina	0	66,879	0	16,614	0	83,493
North Dakota	0	1,985	7,803	0	450	10,238
Ohio	0	15,621	0	0	1,710	17,331
Oklahoma	0	4,320	0	0	0	4,320
Oregon	5,718	13,552	0	0	317	19,587
Pennsylvania	0	13,994	0	9,000	30,072	53,066
Rhode Island	0	0	0	0	0	0
South Carolina	0	138,609	0	7,330	0	145,939
South Dakota	0	424	0	0	3,338	3,762
Tennessee	8,273	31,416	0	33,318	225	73,232
Texas	0	20,808	0	22,300	3,500	46,608
Utah	0	110	0	0	0	110
Vermont	0	5,663	0	0	0	5,663
Virginia	0	35,168	0	10,632	0	45,800
Washington	14,456	13,297	0	9,200	1,235	38,188
West Virginia	0	4,357	0	0	0	4,357
Wisconsin	0	31,115	391	1,995	1,680	35,182
Wyoming	0	0	0	0	0	0
TOTAL - 50 STATES	130,104	999,757	13,553	295,755	97,043	1,536,212
Puerto Rico	0	1,346	0	0	0	1,346
GRAND TOTAL	130,104	1,001,103	13,553	295,755	97,043	1,537,558