

This appendix accompanies the report *East Texas Forestlands, 2010* prepared by the Texas Forest Service.

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- Figure A2—Total number of trees by forest type and county, 2010.
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- Figure A6—Total biomass by forest type and county, 2010.
- Figure A7—Average biomass per acre by forest type and county, 2010.

**Tables:**

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- Table A4—Area, number, volume, and biomass estimates for *oak-pine* forest types by county, 2010.
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**Definitions:**

- Timberland—Land with at least 10 percent cover (or equivalent stocking) by live trees of any size, including land that formerly had such tree cover and that will be naturally or artificially regenerated, not withdrawn by law(s) prohibiting the management for production of wood products, and capable of growing at least 20 cubic feet per acre per year.
- Number of all live trees (or trees)—Number of live trees at least 1 inch diameter at breast height or diameter at root collar.
- Volume of all live (or volume)—Net volume of wood in the central stem of live trees 5.0 inches diameter or larger from a 1-foot height stump to a minimum 4-inch top diameter outside bark, or to where the central stem breaks into limbs all of which are less than 4.0 inches diameter outside bark. Specifications differ for woodland species, of which there are few in East Texas.
- All live aboveground biomass (or biomass)—Aboveground dry weight of live trees 1.0 inches diameter or larger, including all tops and limbs, and stump, but excluding foliage.
- Per acre estimates in the appendix are per acre of timberland.

**Notes:**

Estimates are given by county in the figures and tables. Estimates are based on a sample and are therefore subject to sampling error. Sampling errors may be high for some counties. In using the estimates, it is better to pool several counties together so that sampling error is reduced.



Figure A1—Total area of timberland by forest type and county, 2010. (See page 7 for definitions.)



Figure A2—Total number of trees by forest type and county, 2010. (See page 7 for definitions.)

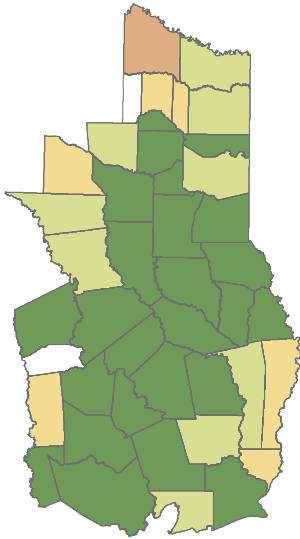


Figure A3—Average number of trees per acre by forest type and county, 2010. (See page 7 for definitions.)

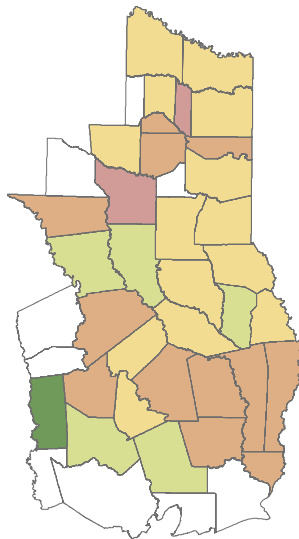


Figure A4—Total volume by forest type and county, 2010. (See page 7 for definitions.)

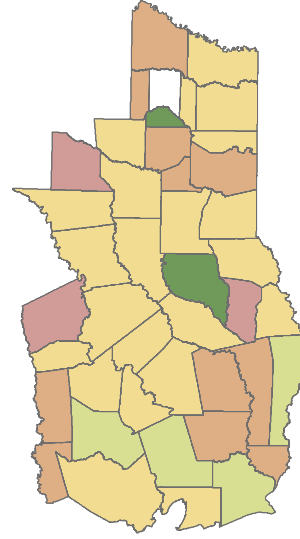
Natural pine



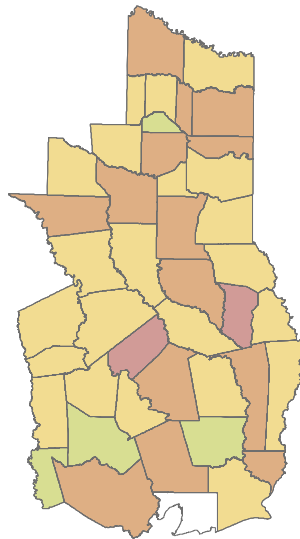
Planted pine



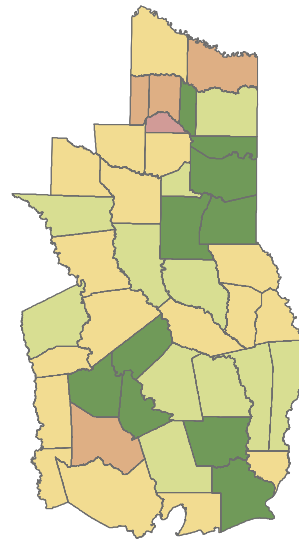
Oak-pine



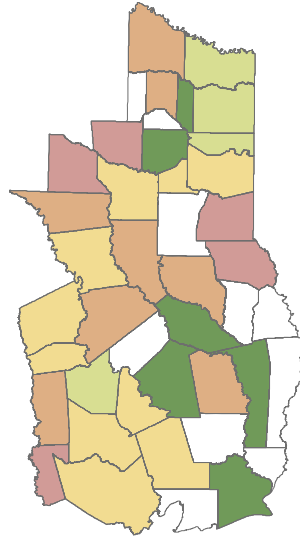
Oak-hickory



Oak-gum-cypress



Elm-ash-cottonwood



**Cubic feet per acre**

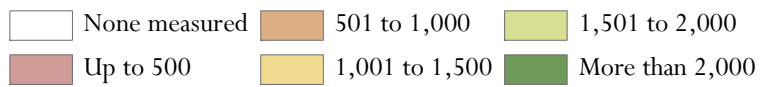


Figure A5—Average volume per acre by forest type and county, 2010. (See page 7 for definitions.)



Figure A6—Total biomass by forest type and county, 2010. (See page 7 for definitions.)



Figure A7—Average biomass per acre by forest type and county, 2010. (See page 7 for definitions.)



Table A1—Area, number, volume, and biomass estimates for *all* forest types by county, 2010.

County	Region	Area of timberland		Number of all live trees		Volume of all live		All live aboveground biomass	
		(thousand acres)	(thousand trees)	(trees per acre)	(thousand cu ft)	(cu ft per acre)	(thousand tons)	(tons per acre)	
Anderson	Northeast	415.9	292,086	702	601,439	1,446	15,667	37.7	
Angelina	Southeast	357.6	185,752	519	597,243	1,670	14,075	39.4	
Bowie	Northeast	291.6	198,026	679	365,789	1,254	9,680	33.2	
Camp	Northeast	38.4	27,053	705	77,212	2,012	1,919	50.0	
Cass	Northeast	436.8	330,898	757	539,325	1,235	14,180	32.5	
Chambers	Southeast	29.4	16,987	578	28,515	970	764	26.0	
Cherokee	Northeast	387.1	261,335	675	570,968	1,475	14,508	37.5	
Franklin	Northeast	88.0	54,470	619	97,196	1,105	2,847	32.4	
Gregg	Northeast	85.1	54,069	635	139,308	1,636	3,474	40.8	
Grimes	Southeast	147.6	48,243	327	167,480	1,135	4,222	28.6	
Hardin	Southeast	446.9	307,868	689	630,829	1,412	16,036	35.9	
Harris	Southeast	197.0	101,480	515	256,722	1,303	6,461	32.8	
Harrison	Northeast	380.6	326,928	859	507,472	1,333	13,359	35.1	
Henderson	Northeast	175.9	78,720	448	187,580	1,067	5,268	30.0	
Houston	Southeast	376.1	188,292	501	707,428	1,881	16,574	44.1	
Jasper	Southeast	528.7	406,576	769	672,767	1,272	17,306	32.7	
Jefferson	Southeast	73.9	37,050	502	101,728	1,377	2,693	36.5	
Leon	Southeast	322.1	94,369	293	397,494	1,234	10,944	34.0	
Liberty	Southeast	433.4	309,902	715	606,142	1,398	16,399	37.8	
Madison	Southeast	66.8	23,724	355	80,513	1,205	2,210	33.1	
Marion	Northeast	213.3	172,372	808	293,603	1,377	7,647	35.9	
Montgomery	Southeast	389.0	199,189	512	846,919	2,177	19,682	50.6	
Morris	Northeast	70.1	47,760	682	113,084	1,614	2,969	42.4	
Nacogdoches	Northeast	438.9	285,581	651	715,551	1,630	17,566	40.0	
Newton	Southeast	543.6	455,072	837	576,089	1,060	15,560	28.6	
Orange	Southeast	109.0	125,351	1,150	87,702	805	2,843	26.1	
Panola	Northeast	368.9	236,611	641	659,534	1,788	16,054	43.5	
Polk	Southeast	537.6	296,897	552	674,825	1,255	16,706	31.1	
Red River	Northeast	343.2	246,208	717	318,874	929	9,343	27.2	
Rusk	Northeast	310.9	165,782	533	414,962	1,335	10,197	32.8	
Sabine	Southeast	265.5	191,767	722	467,955	1,762	11,309	42.6	
San Augustine	Southeast	253.1	194,815	770	517,669	2,045	11,848	46.8	
San Jacinto	Southeast	289.7	210,048	725	589,260	2,034	14,042	48.5	
Shelby	Northeast	333.1	182,847	549	543,107	1,630	13,430	40.3	
Smith	Northeast	254.6	174,716	686	295,918	1,162	8,163	32.1	
Titus	Northeast	105.2	69,416	660	132,733	1,262	3,981	37.8	
Trinity	Southeast	355.0	189,572	534	729,991	2,056	16,697	47.0	
Tyler	Southeast	507.5	327,168	645	617,135	1,216	15,469	30.5	
Upshur	Northeast	207.2	134,491	649	272,292	1,314	6,956	33.6	
Van Zandt	Northeast	128.2	62,899	491	150,793	1,176	4,224	33.0	
Walker	Southeast	340.5	195,454	574	588,527	1,728	14,005	41.1	
Waller	Southeast	75.6	22,833	302	85,342	1,129	2,066	27.3	
Wood	Northeast	261.0	146,991	563	309,075	1,184	8,224	31.5	
Region		Area of timberland	Number of all live trees		Volume of all live		All live aboveground biomass		
		(thousand acres)	(thousand trees)	(trees per acre)	(thousand cu ft)	(cu ft per acre)	(thousand tons)	(tons per acre)	
Southeast Region		6,645.6	4,128,412	621	10,028,275	1,509	247,909	37.3	
Northeast Region		5,334.0	3,549,260	665	7,305,815	1,370	189,655	35.6	
East Texas		11,979.6	7,677,672	641	17,334,090	1,447	437,564	36.5	

See page 7 for definitions of area of timberland, number of all live trees, volume of all live, and all live aboveground biomass.

Estimates in the table are based on a sample and are therefore subject to sampling error. Sampling errors may be high for some counties.

Table A2—Area, number, volume, and biomass estimates for *natural pine* forest types by county, 2010.

County	Region	Area of timberland		Number of all live trees		Volume of all live		All live aboveground biomass	
		(thousand acres)	(thousand trees)	(trees per acre)	(thousand cu ft)	(cu ft per acre)	(thousand tons)	(tons per acre)	
Anderson	Northeast	84.3	61,143	726	167,018	1,982	3,850	45.7	
Angelina	Southeast	128.0	59,540	465	322,312	2,518	7,146	55.8	
Bowie	Northeast	50.0	56,953	1,138	77,061	1,540	1,927	38.5	
Camp	Northeast	4.5	3,803	836	9,218	2,027	215	47.2	
Cass	Northeast	90.0	94,506	1,050	163,185	1,814	4,054	45.1	
Chambers	Southeast	7.6	1,707	226	12,243	1,620	278	36.8	
Cherokee	Northeast	58.5	33,336	570	151,998	2,599	3,319	56.7	
Franklin	Northeast	-	-	-	-	-	-	-	
Gregg	Northeast	22.8	12,653	554	57,017	2,496	1,196	52.3	
Grimes	Southeast	30.2	12,547	416	34,037	1,129	814	27.0	
Hardin	Southeast	96.5	62,360	646	182,033	1,887	4,257	44.1	
Harris	Southeast	59.6	29,403	493	139,427	2,339	3,099	52.0	
Harrison	Northeast	63.1	53,901	854	120,612	1,911	2,808	44.5	
Henderson	Northeast	7.6	8,442	1,114	14,160	1,868	331	43.6	
Houston	Southeast	139.0	68,126	490	451,398	3,247	9,819	70.6	
Jasper	Southeast	152.5	136,093	892	305,083	2,000	7,323	48.0	
Jefferson	Southeast	4.5	3,616	805	9,180	2,045	210	46.8	
Leon	Southeast	18.1	12,377	682	41,328	2,278	1,023	56.4	
Liberty	Southeast	29.8	22,937	770	65,729	2,207	1,556	52.3	
Madison	Southeast	-	-	-	-	-	-	-	
Marion	Northeast	33.1	43,449	1,311	67,654	2,041	1,722	52.0	
Montgomery	Southeast	145.9	64,491	442	483,371	3,314	10,300	70.6	
Morris	Northeast	19.7	8,665	439	29,116	1,476	629	31.9	
Nacogdoches	Northeast	98.6	91,334	927	266,347	2,702	6,034	61.2	
Newton	Southeast	88.8	133,601	1,504	98,913	1,114	2,819	31.7	
Orange	Southeast	15.0	13,411	893	18,393	1,225	474	31.6	
Panola	Northeast	72.0	66,288	920	181,633	2,522	4,293	59.6	
Polk	Southeast	103.3	72,211	699	266,581	2,580	5,944	57.5	
Red River	Northeast	13.4	36,412	2,713	12,307	917	335	25.0	
Rusk	Northeast	59.0	32,329	548	160,683	2,724	3,501	59.4	
Sabine	Southeast	85.0	57,926	681	235,507	2,770	5,275	62.0	
San Augustine	Southeast	81.9	44,107	539	264,099	3,226	5,716	69.8	
San Jacinto	Southeast	104.8	66,427	634	322,268	3,076	7,283	69.5	
Shelby	Northeast	70.0	27,012	386	206,062	2,946	4,418	63.2	
Smith	Northeast	40.1	31,213	778	99,621	2,485	2,362	58.9	
Titus	Northeast	4.7	1,712	362	7,020	1,483	153	32.3	
Trinity	Southeast	123.0	73,071	594	462,257	3,758	10,066	81.8	
Tyler	Southeast	95.5	80,448	842	202,969	2,126	4,841	50.7	
Upshur	Northeast	55.4	29,171	526	121,224	2,188	2,724	49.2	
Van Zandt	Northeast	7.0	1,131	161	9,515	1,354	194	27.6	
Walker	Southeast	155.3	106,095	683	389,859	2,510	8,726	56.2	
Waller	Southeast	19.4	4,463	230	47,450	2,449	1,015	52.4	
Wood	Northeast	30.7	15,134	493	55,467	1,805	1,238	40.3	
Region		Area of timberland	Number of all live trees		Volume of all live		All live aboveground biomass		
		(thousand acres)	(thousand trees)	(trees per acre)	(thousand cu ft)	(cu ft per acre)	(thousand tons)	(tons per acre)	
Southeast Region		1,683.6	1,124,956	668	4,354,438	2,586	97,984	58.2	
Northeast Region		884.7	708,587	801	1,976,920	2,235	45,301	51.2	
East Texas		2,568.3	1,833,542	714	6,331,358	2,465	143,285	55.8	

See page 7 for definitions of area of timberland, number of all live trees, volume of all live, and all live aboveground biomass.

Estimates in the table are based on a sample and are therefore subject to sampling error. Sampling errors may be high for some counties.

Table A3—Area, number, volume, and biomass estimates for *planted pine* forest types by county, 2010.

County	Region	Area of timberland		Number of all live trees		Volume of all live		All live aboveground biomass	
		(thousand acres)	(thousand trees)	(trees per acre)	(thousand cu ft)	(cu ft per acre)	(thousand tons)	(tons per acre)	
Anderson	Northeast	47.4	44,040	928	80,657	1,700	1,882	39.7	
Angelina	Southeast	100.6	72,237	718	101,992	1,014	2,471	24.6	
Bowie	Northeast	28.8	22,948	796	31,162	1,081	716	24.8	
Camp	Northeast	2.7	3,076	1,155	2,566	964	65	24.6	
Cass	Northeast	97.9	63,740	651	121,009	1,236	2,849	29.1	
Chambers	Southeast	-	-	-	-	-	-	-	
Cherokee	Northeast	79.9	69,801	873	123,656	1,547	2,896	36.2	
Franklin	Northeast	-	-	-	-	-	-	-	
Gregg	Northeast	-	-	-	-	-	-	-	
Grimes	Southeast	15.1	4,201	278	35,355	2,339	735	48.6	
Hardin	Southeast	210.6	147,507	701	204,246	970	5,167	24.5	
Harris	Southeast	-	-	-	-	-	-	-	
Harrison	Northeast	73.0	53,711	736	86,345	1,183	2,023	27.7	
Henderson	Northeast	10.6	11,319	1,067	7,727	728	214	20.2	
Houston	Southeast	55.8	22,557	405	52,369	939	1,214	21.8	
Jasper	Southeast	181.4	134,668	742	156,422	862	4,145	22.9	
Jefferson	Southeast	-	-	-	-	-	-	-	
Leon	Southeast	-	-	-	-	-	-	-	
Liberty	Southeast	85.1	89,137	1,048	127,742	1,501	3,376	39.7	
Madison	Southeast	-	-	-	-	-	-	-	
Marion	Northeast	40.4	27,381	678	36,236	898	879	21.8	
Montgomery	Southeast	22.0	12,815	583	33,114	1,505	750	34.1	
Morris	Northeast	3.3	3,797	1,134	1,560	466	55	16.6	
Nacogdoches	Northeast	103.9	62,831	605	121,893	1,174	2,858	27.5	
Newton	Southeast	240.6	185,521	771	191,153	794	5,115	21.3	
Orange	Southeast	21.2	27,546	1,300	14,146	668	474	22.4	
Panola	Northeast	92.9	61,278	660	133,473	1,437	2,996	32.3	
Polk	Southeast	214.5	110,450	515	141,910	662	3,554	16.6	
Red River	Northeast	44.6	27,334	614	63,530	1,426	1,423	31.9	
Rusk	Northeast	61.5	32,661	531	71,884	1,168	1,620	26.3	
Sabine	Southeast	90.2	78,641	872	105,274	1,167	2,658	29.5	
San Augustine	Southeast	112.1	101,703	907	196,574	1,753	4,479	40.0	
San Jacinto	Southeast	61.1	35,399	579	91,214	1,492	2,038	33.3	
Shelby	Northeast	64.3	31,522	490	93,458	1,453	2,093	32.6	
Smith	Northeast	11.5	5,056	441	4,501	392	115	10.0	
Titus	Northeast	5.4	6,132	1,134	6,611	1,222	156	28.8	
Trinity	Southeast	155.0	88,424	570	171,270	1,105	3,966	25.6	
Tyler	Southeast	235.1	133,865	569	207,591	883	5,101	21.7	
Upshur	Northeast	12.2	6,619	544	7,569	622	193	15.9	
Van Zandt	Northeast	-	-	-	-	-	-	-	
Walker	Southeast	58.2	33,665	578	46,076	792	1,168	20.1	
Waller	Southeast	-	-	-	-	-	-	-	
Wood	Northeast	13.3	10,290	773	17,983	1,351	420	31.5	
Region		Area of timberland	Number of all live trees		Volume of all live		All live aboveground biomass		
		(thousand acres)	(thousand trees)	(trees per acre)	(thousand cu ft)	(cu ft per acre)	(thousand tons)	(tons per acre)	
Southeast Region		1,858.6	1,278,336	688	1,876,447	1,010	46,409	25.0	
Northeast Region		793.5	543,537	685	1,011,820	1,275	23,454	29.6	
East Texas		2,652.0	1,821,873	687	2,888,267	1,089	69,864	26.3	

See page 7 for definitions of area of timberland, number of all live trees, volume of all live, and all live aboveground biomass.

Estimates in the table are based on a sample and are therefore subject to sampling error. Sampling errors may be high for some counties.

Table A4—Area, number, volume, and biomass estimates for *oak-pine* forest types by county, 2010.

County	Region	Area of timberland		Number of all live trees		Volume of all live		All live aboveground biomass	
		(thousand acres)	(thousand trees)	(trees per acre)	(thousand cu ft)	(cu ft per acre)	(thousand tons)	(tons per acre)	
Anderson	Northeast	43.0	34,212	796	59,539	1,386	1,585	36.9	
Angelina	Southeast	34.4	12,297	358	48,784	1,419	1,214	35.3	
Bowie	Northeast	48.5	28,711	592	52,854	1,090	1,339	27.6	
Camp	Northeast	10.7	7,553	706	40,955	3,827	975	91.1	
Cass	Northeast	43.9	35,021	799	46,671	1,064	1,309	29.8	
Chambers	Southeast	4.5	4,209	928	5,918	1,305	165	36.3	
Cherokee	Northeast	37.1	27,034	729	37,853	1,021	1,047	28.2	
Franklin	Northeast	6.1	1,457	240	3,237	534	91	15.0	
Gregg	Northeast	6.1	11,150	1,821	3,721	608	168	27.5	
Grimes	Southeast	9.6	5,239	548	6,596	690	183	19.1	
Hardin	Southeast	24.0	11,869	495	13,848	577	395	16.4	
Harris	Southeast	30.6	21,954	716	35,305	1,152	976	31.8	
Harrison	Northeast	58.8	80,530	1,369	56,127	954	1,757	29.9	
Henderson	Northeast	4.5	659	146	6,044	1,341	150	33.2	
Houston	Southeast	32.8	26,035	793	46,063	1,404	1,244	37.9	
Jasper	Southeast	49.7	47,913	963	28,546	574	917	18.4	
Jefferson	Southeast	9.7	3,739	387	16,751	1,732	428	44.2	
Leon	Southeast	26.7	6,265	235	10,111	379	266	10.0	
Liberty	Southeast	40.2	26,052	648	65,222	1,623	1,620	40.3	
Madison	Southeast	5.6	1,053	189	6,149	1,106	143	25.7	
Marion	Northeast	53.1	34,975	659	66,258	1,248	1,716	32.3	
Montgomery	Southeast	108.4	67,509	623	170,561	1,573	4,448	41.0	
Morris	Northeast	6.1	7,847	1,290	8,538	1,404	284	46.7	
Nacogdoches	Northeast	59.4	48,712	820	132,857	2,236	3,268	55.0	
Newton	Southeast	64.4	45,078	700	97,449	1,514	2,571	39.9	
Orange	Southeast	18.1	28,802	1,588	16,832	928	568	31.3	
Panola	Northeast	37.4	37,589	1,004	49,166	1,313	1,330	35.5	
Polk	Southeast	83.2	37,133	446	110,656	1,329	2,795	33.6	
Red River	Northeast	24.1	15,812	657	15,825	658	446	18.6	
Rusk	Northeast	33.1	10,493	317	36,772	1,112	895	27.1	
Sabine	Southeast	53.7	33,837	630	77,788	1,448	2,018	37.6	
San Augustine	Southeast	6.0	8,070	1,335	1,774	293	101	16.7	
San Jacinto	Southeast	31.5	26,147	831	32,754	1,041	934	29.7	
Shelby	Northeast	54.6	39,041	715	73,984	1,354	2,007	36.7	
Smith	Northeast	70.3	56,232	800	71,618	1,019	2,086	29.7	
Titus	Northeast	-	-	-	-	-	-	-	
Trinity	Southeast	26.3	17,818	677	33,461	1,271	947	36.0	
Tyler	Southeast	68.2	53,421	783	56,892	834	1,573	23.1	
Upshur	Northeast	64.8	41,892	646	56,766	875	1,573	24.3	
Van Zandt	Northeast	1.5	566	372	654	430	18	11.6	
Walker	Southeast	28.6	11,462	401	38,803	1,358	1,012	35.4	
Waller	Southeast	10.2	4,255	416	7,244	709	195	19.1	
Wood	Northeast	46.0	40,890	889	50,651	1,102	1,457	31.7	
Region		Area of timberland	Number of all live trees		Volume of all live		All live aboveground biomass		
		(thousand acres)	(thousand trees)	(trees per acre)	(thousand cu ft)	(cu ft per acre)	(thousand tons)	(tons per acre)	
Southeast Region		766.5	500,156	652	927,507	1,210	24,712	32.2	
Northeast Region		709.0	560,374	790	870,090	1,227	23,500	33.1	
East Texas		1,475.5	1,060,530	719	1,797,597	1,218	48,213	32.7	

See page 7 for definitions of area of timberland, number of all live trees, volume of all live, and all live aboveground biomass.

Estimates in the table are based on a sample and are therefore subject to sampling error. Sampling errors may be high for some counties.

Table A5—Area, number, volume, and biomass estimates for *oak-hickory* forest types by county, 2010.

County	Region	Area of timberland		Number of all live trees		Volume of all live		All live aboveground biomass	
		(thousand acres)	(thousand trees)	(trees per acre)	(thousand cu ft)	(cu ft per acre)	(thousand tons)	(tons per acre)	
Anderson	Northeast	147.0	89,355	608	168,191	1,144	4,969	33.8	
Angelina	Southeast	57.4	27,789	484	63,831	1,112	1,738	30.3	
Bowie	Northeast	85.3	48,013	563	121,398	1,422	3,432	40.2	
Camp	Northeast	12.5	10,395	831	21,107	1,687	575	45.9	
Cass	Northeast	137.4	102,771	748	114,901	837	3,505	25.5	
Chambers	Southeast	-	-	-	-	-	-	-	
Cherokee	Northeast	156.3	110,830	709	188,726	1,208	5,434	34.8	
Franklin	Northeast	67.0	45,872	685	82,910	1,238	2,468	36.9	
Gregg	Northeast	18.2	12,957	711	23,440	1,286	687	37.7	
Grimes	Southeast	59.1	16,162	273	63,548	1,074	1,774	30.0	
Hardin	Southeast	26.9	17,867	664	43,457	1,615	1,200	44.6	
Harris	Southeast	15.0	6,543	435	14,225	946	421	28.0	
Harrison	Northeast	127.7	102,366	801	130,951	1,025	3,941	30.9	
Henderson	Northeast	121.3	45,211	373	118,346	976	3,496	28.8	
Houston	Southeast	82.8	39,688	479	90,492	1,093	2,551	30.8	
Jasper	Southeast	46.9	46,617	994	35,226	751	1,133	24.2	
Jefferson	Southeast	5.8	785	136	6,594	1,139	170	29.3	
Leon	Southeast	212.4	55,418	261	253,346	1,193	7,133	33.6	
Liberty	Southeast	54.9	32,442	591	54,213	988	1,668	30.4	
Madison	Southeast	36.6	11,741	320	42,781	1,168	1,189	32.5	
Marion	Northeast	56.5	41,982	743	49,557	877	1,544	27.3	
Montgomery	Southeast	65.7	24,827	378	116,138	1,768	2,921	44.5	
Morris	Northeast	21.7	16,984	784	19,056	879	578	26.7	
Nacogdoches	Northeast	115.0	48,570	422	101,131	880	2,903	25.3	
Newton	Southeast	60.1	38,917	647	63,577	1,058	1,783	29.7	
Orange	Southeast	7.8	6,660	855	6,737	865	180	23.1	
Panola	Northeast	47.8	35,548	743	56,964	1,191	1,496	31.3	
Polk	Southeast	64.5	35,003	543	57,219	887	1,642	25.5	
Red River	Northeast	116.7	62,531	536	106,779	915	3,234	27.7	
Rusk	Northeast	125.4	78,233	624	88,061	702	2,643	21.1	
Sabine	Southeast	30.9	17,373	562	41,387	1,339	1,129	36.5	
San Augustine	Southeast	14.9	17,146	1,151	7,324	492	250	16.8	
San Jacinto	Southeast	62.2	36,768	591	71,413	1,147	1,940	31.2	
Shelby	Northeast	103.2	61,559	597	140,722	1,364	4,075	39.5	
Smith	Northeast	62.3	47,732	766	41,017	659	1,385	22.2	
Titus	Northeast	78.1	54,559	699	104,846	1,343	3,199	41.0	
Trinity	Southeast	20.8	5,568	267	6,910	332	234	11.2	
Tyler	Southeast	33.1	10,014	303	33,617	1,017	898	27.1	
Upshur	Northeast	34.9	34,398	986	22,021	631	738	21.2	
Van Zandt	Northeast	93.8	49,832	531	120,097	1,281	3,455	36.8	
Walker	Southeast	67.1	34,311	512	67,103	1,001	1,932	28.8	
Waller	Southeast	8.3	2,337	281	13,824	1,661	377	45.4	
Wood	Northeast	104.3	52,306	501	135,372	1,297	3,784	36.3	
Region		Area of timberland	Number of all live trees		Volume of all live		All live aboveground biomass		
		(thousand acres)	(thousand trees)	(trees per acre)	(thousand cu ft)	(cu ft per acre)	(thousand tons)	(tons per acre)	
Southeast Region		1,033.4	483,978	468	1,152,962	1,116	32,264	31.2	
Northeast Region		1,832.3	1,152,004	629	1,955,593	1,067	57,541	31.4	
East Texas		2,865.7	1,635,982	571	3,108,555	1,085	89,805	31.3	

See page 7 for definitions of area of timberland, number of all live trees, volume of all live, and all live aboveground biomass.

Estimates in the table are based on a sample and are therefore subject to sampling error. Sampling errors may be high for some counties.

Table A6—Area, number, volume, and biomass estimates for *oak-gum-cypress* forest types by county, 2010.

County	Region	Area of timberland		Number of all live trees		Volume of all live		All live aboveground biomass	
		(thousand acres)	(thousand trees)	(trees per acre)	(thousand cu ft)	(cu ft per acre)	(thousand tons)	(tons per acre)	
Anderson	Northeast	37.0	27,705	749	51,864	1,402	1,423	38.5	
Angelina	Southeast	26.2	11,212	428	37,457	1,431	992	37.9	
Bowie	Northeast	50.0	32,826	656	40,558	811	1,375	27.5	
Camp	Northeast	7.9	2,226	280	3,365	424	89	11.2	
Cass	Northeast	58.6	32,384	553	88,262	1,507	2,319	39.6	
Chambers	Southeast	6.0	1,436	237	9,049	1,497	243	40.2	
Cherokee	Northeast	26.9	7,255	269	45,291	1,681	1,157	42.9	
Franklin	Northeast	6.1	3,856	630	3,671	600	116	19.0	
Gregg	Northeast	19.3	14,789	766	32,768	1,698	897	46.5	
Grimes	Southeast	5.6	1,168	210	7,588	1,365	203	36.6	
Hardin	Southeast	74.3	51,680	696	180,318	2,427	4,710	63.4	
Harris	Southeast	28.0	11,145	398	35,389	1,265	974	34.8	
Harrison	Northeast	36.3	17,809	491	89,190	2,458	2,235	61.6	
Henderson	Northeast	12.1	8,336	687	19,788	1,631	596	49.1	
Houston	Southeast	29.4	19,190	653	33,049	1,125	882	30.0	
Jasper	Southeast	76.9	36,214	471	130,038	1,691	3,380	44.0	
Jefferson	Southeast	23.1	13,880	601	50,727	2,198	1,281	55.5	
Leon	Southeast	27.8	7,998	288	47,433	1,708	1,302	46.9	
Liberty	Southeast	122.8	72,931	594	217,845	1,774	5,894	48.0	
Madison	Southeast	17.2	8,043	469	22,914	1,335	660	38.5	
Marion	Northeast	24.1	20,507	851	63,708	2,643	1,531	63.5	
Montgomery	Southeast	32.4	25,070	774	28,874	891	907	28.0	
Morris	Northeast	13.5	5,263	390	40,421	2,997	1,064	78.9	
Nacogdoches	Northeast	50.8	25,179	496	82,430	1,622	2,191	43.1	
Newton	Southeast	70.8	40,802	576	116,883	1,651	2,990	42.2	
Orange	Southeast	19.4	17,575	908	22,587	1,166	677	35.0	
Panola	Northeast	76.5	22,270	291	221,190	2,891	5,395	70.5	
Polk	Southeast	51.5	38,881	755	78,401	1,522	2,287	44.4	
Red River	Northeast	48.2	36,710	762	52,433	1,088	1,652	34.3	
Rusk	Northeast	22.8	12,067	529	57,562	2,524	1,538	67.4	
Sabine	Southeast	5.7	3,990	704	7,998	1,411	230	40.6	
San Augustine	Southeast	32.7	20,037	613	47,899	1,466	1,295	39.6	
San Jacinto	Southeast	17.2	37,060	2,149	58,141	3,372	1,435	83.2	
Shelby	Northeast	17.1	11,760	687	23,427	1,369	636	37.2	
Smith	Northeast	39.2	30,827	786	55,336	1,411	1,670	42.6	
Titus	Northeast	4.0	1,041	260	3,346	837	87	21.7	
Trinity	Southeast	21.4	4,322	202	54,538	2,547	1,445	67.5	
Tyler	Southeast	70.2	46,795	666	113,173	1,612	2,966	42.2	
Upshur	Northeast	27.5	15,090	549	30,582	1,113	889	32.3	
Van Zandt	Northeast	15.2	4,971	328	18,118	1,195	476	31.4	
Walker	Southeast	2.8	502	181	14,184	5,101	363	130.7	
Waller	Southeast	7.6	1,797	238	10,548	1,396	276	36.5	
Wood	Northeast	30.7	19,315	629	32,372	1,054	853	27.8	
Region		Area of timberland	Number of all live trees		Volume of all live		All live aboveground biomass		
		(thousand acres)	(thousand trees)	(trees per acre)	(thousand cu ft)	(cu ft per acre)	(thousand tons)	(tons per acre)	
Southeast Region		768.7	471,727	614	1,325,033	1,724	35,394	46.0	
Northeast Region		623.9	352,186	565	1,055,681	1,692	28,187	45.2	
East Texas		1,392.6	823,913	592	2,380,714	1,710	63,581	45.7	

See page 7 for definitions of area of timberland, number of all live trees, volume of all live, and all live aboveground biomass.

Estimates in the table are based on a sample and are therefore subject to sampling error. Sampling errors may be high for some counties.



Table A7—Area, number, volume, and biomass estimates for *elm-ash-cottonwood* forest types by county, 2010.

County	Region	Area of timberland		Number of all live trees		Volume of all live		All live aboveground biomass	
		(thousand acres)	(thousand trees)	(trees per acre)	(thousand cu ft)	(cu ft per acre)	(thousand tons)	(tons per acre)	
Anderson	Northeast	55.0	35,377	643	71,772	1,304	1,913	34.8	
Angelina	Southeast	11.1	2,677	241	22,867	2,062	514	46.4	
Bowie	Northeast	27.4	8,575	313	42,756	1,559	891	32.5	
Camp	Northeast	-	-	-	-	-	-	-	
Cass	Northeast	3.1	2,439	774	5,175	1,643	143	45.3	
Chambers	Southeast	-	-	-	-	-	-	-	
Cherokee	Northeast	19.8	11,713	591	18,148	915	543	27.4	
Franklin	Northeast	-	-	-	-	-	-	-	
Gregg	Northeast	17.1	2,520	147	22,361	1,305	525	30.7	
Grimes	Southeast	16.2	6,874	425	10,478	649	303	18.8	
Hardin	Southeast	-	-	-	-	-	-	-	
Harris	Southeast	12.0	9,214	767	16,468	1,371	463	38.5	
Harrison	Northeast	18.6	18,610	999	24,246	1,302	596	32.0	
Henderson	Northeast	12.1	3,042	250	8,734	719	231	19.0	
Houston	Southeast	32.2	11,978	372	30,053	935	786	24.4	
Jasper	Southeast	5.7	517	91	16,490	2,892	374	65.6	
Jefferson	Southeast	1.6	272	169	3,609	2,237	83	51.4	
Leon	Southeast	35.7	11,404	319	45,275	1,268	1,217	34.1	
Liberty	Southeast	45.5	30,762	677	59,195	1,302	1,690	37.2	
Madison	Southeast	6.0	1,853	306	8,290	1,371	197	32.6	
Marion	Northeast	6.1	4,078	672	10,190	1,680	254	41.9	
Montgomery	Southeast	14.6	4,477	306	14,862	1,016	357	24.4	
Morris	Northeast	5.8	5,203	904	14,394	2,501	359	62.3	
Nacogdoches	Northeast	11.4	8,955	789	10,893	959	311	27.4	
Newton	Southeast	-	-	-	-	-	-	-	
Orange	Southeast	-	-	-	-	-	-	-	
Panola	Northeast	36.1	13,038	361	15,027	416	492	13.6	
Polk	Southeast	6.0	801	132	16,090	2,661	368	60.8	
Red River	Northeast	87.8	58,255	664	67,958	774	2,200	25.1	
Rusk	Northeast	-	-	-	-	-	-	-	
Sabine	Southeast	-	-	-	-	-	-	-	
San Augustine	Southeast	5.5	3,752	678	-	-	7	1.3	
San Jacinto	Southeast	12.0	8,248	686	13,470	1,120	412	34.2	
Shelby	Northeast	12.1	10,606	874	4,161	343	156	12.8	
Smith	Northeast	16.6	1,991	120	17,049	1,029	392	23.7	
Titus	Northeast	13.0	5,972	459	10,910	839	386	29.7	
Trinity	Southeast	-	-	-	-	-	-	-	
Tyler	Southeast	3.9	2,135	547	2,457	629	72	18.4	
Upshur	Northeast	12.4	7,320	591	34,130	2,756	838	67.7	
Van Zandt	Northeast	10.7	6,400	598	2,410	225	82	7.7	
Walker	Southeast	14.6	7,630	523	28,445	1,948	709	48.6	
Waller	Southeast	9.4	3,445	367	3,388	361	102	10.9	
Wood	Northeast	35.9	9,054	252	17,230	479	473	13.2	
Region		Area of timberland	Number of all live trees		Volume of all live		All live aboveground biomass		
		(thousand acres)	(thousand trees)	(trees per acre)	(thousand cu ft)	(cu ft per acre)	(thousand tons)	(tons per acre)	
Southeast Region		232.1	106,037	457	291,437	1,256	7,654	33.0	
Northeast Region		401.1	213,148	531	397,545	991	10,786	26.9	
East Texas		633.2	319,185	504	688,982	1,088	18,440	29.1	

See page 7 for definitions of area of timberland, number of all live trees, volume of all live, and all live aboveground biomass.

Estimates in the table are based on a sample and are therefore subject to sampling error. Sampling errors may be high for some counties.

Table A8—Area, number, volume, and biomass estimates for *other* forest types by county, 2010.

County	Region	Area of timberland	Number of all live trees		Volume of all live		All live aboveground biomass	
		(thousand acres)	(thousand trees)	(trees per acre)	(thousand cu ft)	(cu ft per acre)	(thousand tons)	(tons per acre)
Anderson	Northeast	2.2	255	118	2,397	1,111	45	20.9
Angelina	Southeast	-	-	-	-	-	-	-
Bowie	Northeast	1.5	-	-	-	-	-	-
Camp	Northeast	-	-	-	-	-	-	-
Cass	Northeast	6.1	36	6	122	20	3	0.4
Chambers	Southeast	11.3	9,635	855	1,305	116	79	7.0
Cherokee	Northeast	8.6	1,367	159	5,296	616	111	13.0
Franklin	Northeast	8.8	3,286	372	7,378	836	172	19.4
Gregg	Northeast	1.5	-	-	-	-	-	-
Grimes	Southeast	11.9	2,051	172	9,878	827	209	17.5
Hardin	Southeast	14.6	16,586	1,134	6,926	474	307	21.0
Harris	Southeast	51.7	23,222	449	15,907	307	528	10.2
Harrison	Northeast	3.0	-	-	-	-	-	-
Henderson	Northeast	7.6	1,712	226	12,781	1,686	250	33.0
Houston	Southeast	4.2	718	172	4,005	960	78	18.8
Jasper	Southeast	15.5	4,554	293	962	62	34	2.2
Jefferson	Southeast	29.2	14,758	505	14,868	509	521	17.8
Leon	Southeast	1.3	907	673	-	-	3	2.0
Liberty	Southeast	55.3	35,642	645	16,195	293	594	10.7
Madison	Southeast	1.4	1,034	744	379	273	20	14.5
Marion	Northeast	-	-	-	-	-	-	-
Montgomery	Southeast	-	-	-	-	-	-	-
Morris	Northeast	-	-	-	-	-	-	-
Nacogdoches	Northeast	-	-	-	-	-	-	-
Newton	Southeast	18.9	11,154	592	8,114	430	282	15.0
Orange	Southeast	27.5	31,357	1,142	9,007	328	469	17.1
Panola	Northeast	6.1	601	99	2,081	343	53	8.7
Polk	Southeast	14.5	2,418	167	3,969	274	116	8.0
Red River	Northeast	8.5	9,155	1,073	43	5	53	6.2
Rusk	Northeast	9.1	-	-	-	-	-	-
Sabine	Southeast	-	-	-	-	-	-	-
San Augustine	Southeast	-	-	-	-	-	-	-
San Jacinto	Southeast	0.8	-	-	-	-	-	-
Shelby	Northeast	11.8	1,348	114	1,293	109	46	3.9
Smith	Northeast	14.6	1,664	114	6,776	463	153	10.5
Titus	Northeast	-	-	-	-	-	-	-
Trinity	Southeast	8.4	368	44	1,555	185	39	4.7
Tyler	Southeast	1.5	490	324	437	289	17	11.5
Upshur	Northeast	-	-	-	-	-	-	-
Van Zandt	Northeast	-	-	-	-	-	-	-
Walker	Southeast	14.0	1,791	128	4,058	291	95	6.8
Waller	Southeast	20.7	6,536	315	2,886	139	100	4.8
Wood	Northeast	-	-	-	-	-	-	-
Region		Area of timberland	Number of all live trees		Volume of all live		All live aboveground biomass	
		(thousand acres)	(thousand trees)	(trees per acre)	(thousand cu ft)	(cu ft per acre)	(thousand tons)	(tons per acre)
Southeast Region		302.7	163,222	539	100,451	332	3,491	11.5
Northeast Region		89.5	19,425	217	38,167	427	885	9.9
East Texas		392.2	182,647	466	138,618	353	4,376	11.2

See page 7 for definitions of area of timberland, number of all live trees, volume of all live, and all live aboveground biomass.

Estimates in the table are based on a sample and are therefore subject to sampling error. Sampling errors may be high for some counties.