

This appendix accompanies the report *East Texas Forestlands, 2020* prepared by the Texas A&M Forest Service.

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- Table A8—Area, number, volume, and biomass estimates for *other* forest types by county, 2020.

Definitions:

- Timberland—Land with at least 10 percent cover by live trees of any size, including land that formerly had such tree cover and that will be naturally or artificially regenerated, not withdrawn from timber utilization by statutes or administrative regulation, and capable of growing at least 20 cubic feet per acre per year.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 individual counties.
- Inventory estimates are from FIADB downloaded from the FIA DataMart (<http://apps.fs.fed.us/fiadb-downloads/datamart.html>) on 13 December 2021.



Figure A1—Total area of timberland by forest type and county, 2020. (See page 7 for definitions.)



Figure A2—Total number of trees by forest type and county, 2020. (See page 7 for definitions.)



Figure A3—Average number of trees per acre by forest type and county, 2020. (See page 7 for definitions.)



Figure A4—Total volume by forest type and county, 2020. (See page 7 for definitions.)

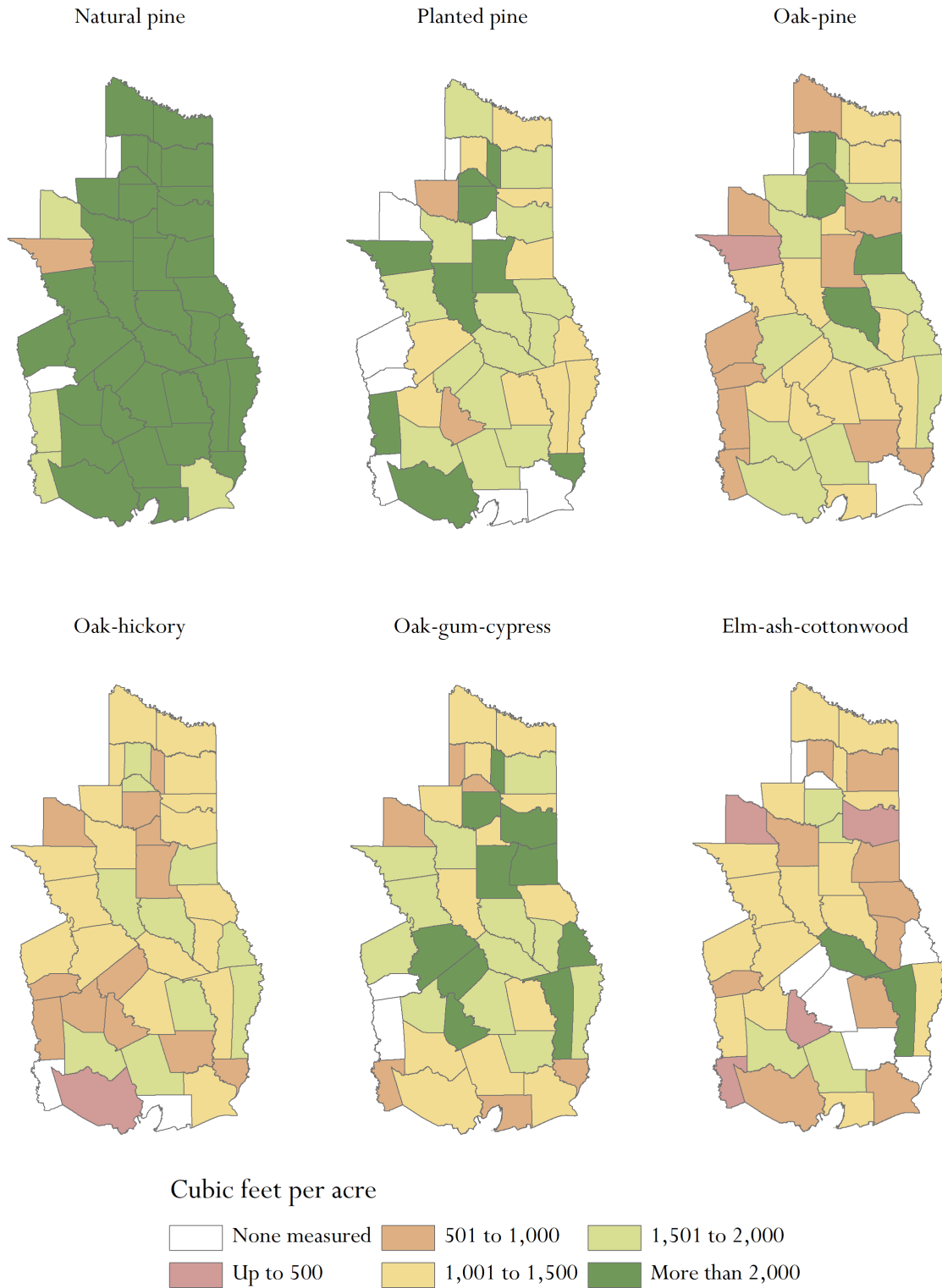


Figure A5—Average volume per acre by forest type and county, 2020. (See page 7 for definitions.)



Figure A6—Total biomass by forest type and county, 2020. (See page 7 for definitions.)

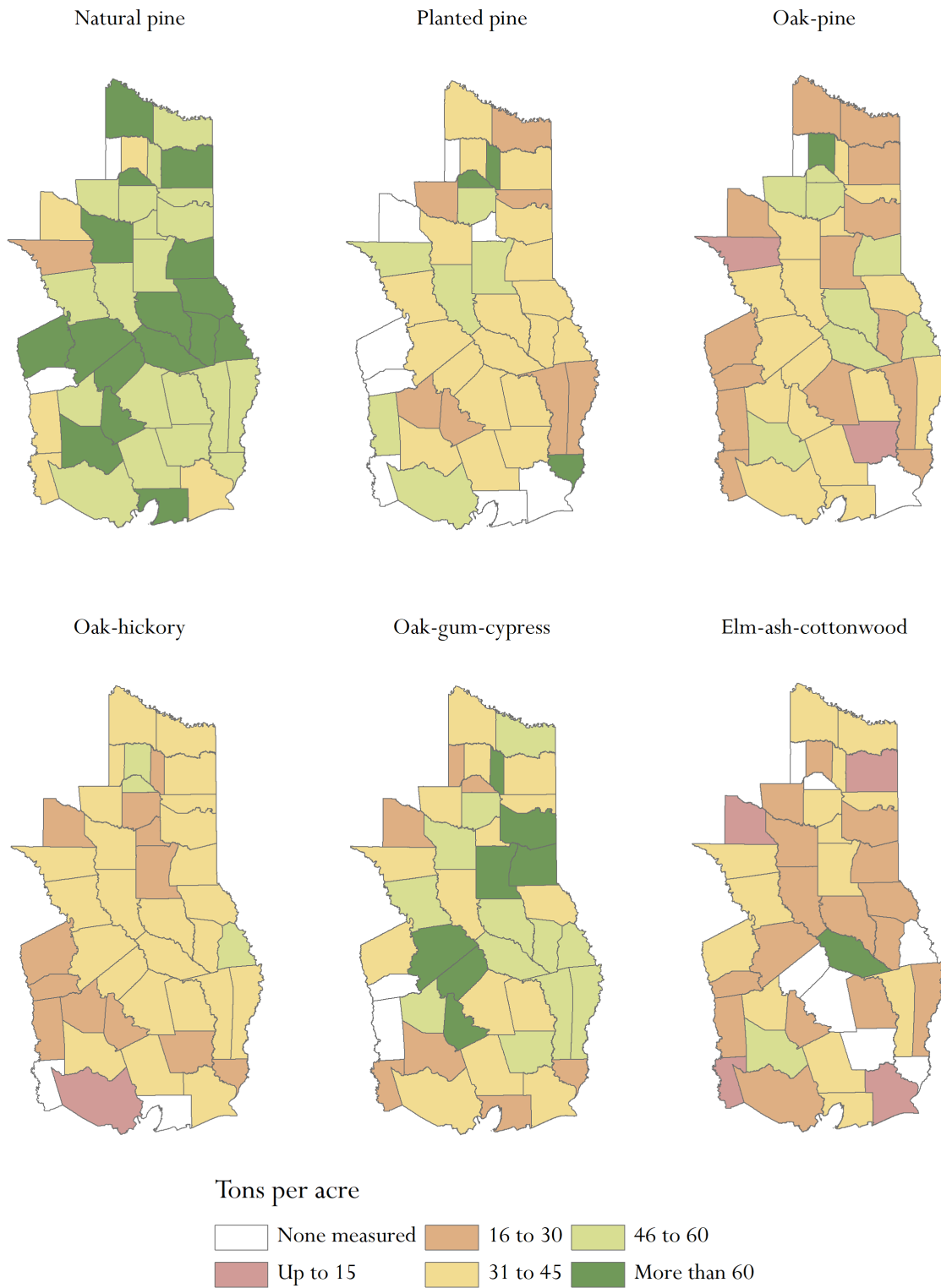


Figure A7—Average biomass per acre by forest type and county, 2020. (See page 7 for definitions.)

Table A1—Area, number, volume, and biomass estimates for *all* forest types by county, 2020.

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	133.0	66,351	499	145,304	1,093	4,132	31.1	
Angelina	Southeast	52.5	19,604	373	70,580	1,344	1,906	36.3	
Bowie	Northeast	75.0	47,174	629	97,326	1,297	2,747	36.6	
Camp	Northeast	10.9	5,270	483	19,874	1,823	514	47.1	
Cass	Northeast	116.4	85,563	735	127,617	1,096	3,703	31.8	
Chambers	Southeast	-	-	-	-	-	-	-	
Cherokee	Northeast	119.5	82,766	692	191,346	1,601	5,294	44.3	
Franklin	Northeast	57.5	45,883	798	75,498	1,312	2,255	39.2	
Gregg	Northeast	22.6	9,201	408	17,746	786	529	23.4	
Grimes	Southeast	59.7	15,640	262	45,836	767	1,317	22.0	
Hardin	Southeast	13.2	7,058	534	10,098	765	268	20.3	
Harris	Southeast	33.1	22,046	666	10,384	314	430	13.0	
Harrison	Northeast	98.6	77,766	789	132,154	1,341	3,830	38.9	
Henderson	Northeast	129.8	56,622	436	149,846	1,154	4,149	32.0	
Houston	Southeast	75.8	39,006	515	88,800	1,171	2,528	33.3	
Jasper	Southeast	32.3	24,364	755	42,316	1,312	1,154	35.8	
Jefferson	Southeast	6.3	1,450	231	9,130	1,454	228	36.3	
Leon	Southeast	169.1	48,479	287	174,774	1,033	4,947	29.2	
Liberty	Southeast	51.9	32,933	635	78,081	1,505	2,147	41.4	
Madison	Southeast	31.8	9,624	303	21,614	680	646	20.3	
Marion	Northeast	29.2	15,874	544	34,530	1,183	1,069	36.6	
Montgomery	Southeast	62.5	24,003	384	94,492	1,511	2,482	39.7	
Morris	Northeast	27.1	31,053	1,146	14,965	552	586	21.6	
Nacogdoches	Northeast	89.6	55,755	622	146,436	1,634	4,017	44.8	
Newton	Southeast	47.1	28,634	607	74,380	1,578	2,031	43.1	
Orange	Southeast	9.9	14,786	1,493	7,231	730	292	29.5	
Panola	Northeast	38.4	23,303	607	63,163	1,645	1,686	43.9	
Polk	Southeast	49.4	30,683	621	64,347	1,303	1,808	36.6	
Red River	Northeast	93.0	58,220	626	108,229	1,164	3,319	35.7	
Rusk	Northeast	106.2	92,533	871	92,487	871	3,034	28.6	
Sabine	Southeast	43.6	44,200	1,015	86,844	1,993	2,383	54.7	
San Augustine	Southeast	15.0	21,279	1,418	18,603	1,240	587	39.1	
San Jacinto	Southeast	72.4	44,524	615	72,024	995	2,058	28.4	
Shelby	Northeast	75.8	44,226	584	111,719	1,475	3,207	42.3	
Smith	Northeast	70.5	63,286	898	77,426	1,099	2,342	33.2	
Titus	Northeast	51.7	30,003	580	82,970	1,605	2,514	48.6	
Trinity	Southeast	16.6	7,932	479	16,297	985	530	32.0	
Tyler	Southeast	32.0	18,619	581	51,880	1,619	1,358	42.4	
Upshur	Northeast	62.6	48,081	768	48,431	773	1,476	23.6	
Van Zandt	Northeast	88.8	40,286	454	86,695	976	2,470	27.8	
Walker	Southeast	57.3	23,285	406	47,722	832	1,473	25.7	
Waller	Southeast	-	-	-	-	-	-	-	
Wood	Northeast	93.1	56,936	612	138,993	1,493	3,948	42.4	
Region		Area of timberland (thousand acres)	Number of all live trees (thousand trees) (trees per acre)		Volume of all live (thousand cu ft) (cu ft per acre)		All live aboveground biomass (thousand tons) (tons per acre)		
Southeast Region		931.6	478,150	513	1,085,432	1,165	30,573	32.8	
Northeast Region		1,589.3	1,036,154	652	1,962,753	1,235	56,819	35.8	
East Texas		2,520.9	1,514,304	601	3,048,185	1,209	87,393	34.7	

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 individual counties.

Table A2—Area, number, volume, and biomass estimates for *natural pine* forest types by county, 2020.

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	91.0	61,225	673	241,766	2,656	5,402	59.3	
Angelina	Southeast	102.4	46,678	456	310,237	3,030	6,779	66.2	
Bowie	Northeast	47.4	36,951	780	117,440	2,479	2,683	56.7	
Camp	Northeast	4.9	1,467	301	37,197	7,621	819	167.9	
Cass	Northeast	52.9	36,996	699	142,587	2,693	3,306	62.4	
Chambers	Southeast	8.1	9,317	1,156	22,867	2,838	543	67.4	
Cherokee	Northeast	78.9	55,736	706	184,745	2,341	4,072	51.6	
Franklin	Northeast	-	-	-	-	-	-	-	
Gregg	Northeast	21.2	14,776	698	56,688	2,677	1,191	56.3	
Grimes	Southeast	25.4	6,915	273	46,823	1,846	1,027	40.5	
Hardin	Southeast	113.3	91,474	807	269,522	2,378	6,309	55.7	
Harris	Southeast	45.6	12,624	277	100,971	2,213	2,152	47.2	
Harrison	Northeast	74.0	52,212	706	174,573	2,360	3,841	51.9	
Henderson	Northeast	12.9	10,010	778	9,740	757	226	17.6	
Houston	Southeast	148.7	67,617	455	427,785	2,877	9,250	62.2	
Jasper	Southeast	142.9	100,335	702	357,830	2,504	8,217	57.5	
Jefferson	Southeast	20.1	11,117	554	30,851	1,537	743	37.0	
Leon	Southeast	19.0	9,632	506	52,398	2,754	1,162	61.1	
Liberty	Southeast	49.0	31,176	636	114,309	2,331	2,715	55.4	
Madison	Southeast	-	-	-	-	-	-	-	
Marion	Northeast	42.1	33,189	788	93,198	2,212	2,148	51.0	
Montgomery	Southeast	129.8	63,160	487	361,691	2,787	7,920	61.0	
Morris	Northeast	8.5	5,652	662	19,295	2,259	445	52.1	
Nacogdoches	Northeast	124.2	98,936	796	366,650	2,952	8,265	66.5	
Newton	Southeast	125.0	101,997	816	253,680	2,029	6,250	50.0	
Orange	Southeast	23.8	19,678	827	50,527	2,125	1,228	51.6	
Panola	Northeast	81.5	48,142	591	260,178	3,192	5,933	72.8	
Polk	Southeast	136.6	83,955	614	326,799	2,392	7,279	53.3	
Red River	Northeast	21.4	30,198	1,414	51,795	2,425	1,306	61.2	
Rusk	Northeast	76.8	44,101	575	193,645	2,523	4,311	56.2	
Sabine	Southeast	85.4	54,669	640	293,722	3,439	6,409	75.0	
San Augustine	Southeast	93.8	40,486	432	326,592	3,482	6,955	74.2	
San Jacinto	Southeast	130.7	65,603	502	413,695	3,165	9,072	69.4	
Shelby	Northeast	98.5	53,371	542	276,186	2,804	6,095	61.9	
Smith	Northeast	47.6	41,058	863	146,124	3,073	3,296	69.3	
Titus	Northeast	3.2	1,062	330	7,108	2,211	146	45.5	
Trinity	Southeast	113.1	55,593	491	358,593	3,170	7,825	69.2	
Tyler	Southeast	129.0	87,613	679	276,517	2,143	6,369	49.4	
Upshur	Northeast	56.8	30,597	539	138,847	2,445	3,045	53.6	
Van Zandt	Northeast	8.6	4,996	581	13,709	1,595	302	35.1	
Walker	Southeast	132.9	72,475	545	358,462	2,697	7,879	59.3	
Waller	Southeast	18.0	6,980	389	31,837	1,773	722	40.2	
Wood	Northeast	38.7	33,378	861	102,299	2,640	2,256	58.2	
Region		Area of timberland (thousand acres)	Number of all live trees (thousand trees) (trees per acre)		Volume of all live (thousand cu ft) (cu ft per acre)		All live aboveground biomass (thousand tons) (tons per acre)		
Southeast Region		1,792.6	1,039,095	580	4,785,707	2,670	106,804	59.6	
Northeast Region		991.1	694,053	700	2,633,768	2,658	59,088	59.6	
East Texas		2,783.7	1,733,148	623	7,419,475	2,665	165,892	59.6	

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 individual counties.

Table A3—Area, number, volume, and biomass estimates for *planted pine* forest types by county, 2020.

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	54.3	17,604	324	85,522	1,575	1,815	33.4	
Angelina	Southeast	118.2	93,289	789	190,723	1,613	4,446	37.6	
Bowie	Northeast	55.0	30,806	560	71,483	1,300	1,569	28.5	
Camp	Northeast	2.0	619	317	9,508	4,861	192	98.2	
Cass	Northeast	124.0	82,648	667	210,670	1,699	4,684	37.8	
Chambers	Southeast	-	-	-	-	-	-	-	
Cherokee	Northeast	80.7	43,141	535	180,080	2,232	3,847	47.7	
Franklin	Northeast	-	-	-	-	-	-	-	
Gregg	Northeast	-	-	-	-	-	-	-	
Grimes	Southeast	6.3	1,086	171	15,685	2,473	315	49.7	
Hardin	Southeast	181.9	136,126	748	278,361	1,530	6,420	35.3	
Harris	Southeast	6.3	6,149	970	14,178	2,236	323	51.0	
Harrison	Northeast	94.2	55,809	592	143,673	1,525	3,169	33.6	
Henderson	Northeast	6.4	5,154	802	16,847	2,620	386	60.1	
Houston	Southeast	58.1	47,848	823	74,848	1,288	1,785	30.7	
Jasper	Southeast	189.7	144,292	761	229,444	1,210	5,595	29.5	
Jefferson	Southeast	0.2	-	-	-	-	-	-	
Leon	Southeast	-	-	-	-	-	-	-	
Liberty	Southeast	74.2	57,083	769	139,651	1,881	3,087	41.6	
Madison	Southeast	-	-	-	-	-	-	-	
Marion	Northeast	60.4	41,001	678	64,644	1,069	1,604	26.5	
Montgomery	Southeast	30.6	11,380	372	51,895	1,698	1,147	37.5	
Morris	Northeast	3.2	2,586	804	9,641	2,999	203	63.2	
Nacogdoches	Northeast	120.2	91,890	764	225,019	1,872	5,018	41.7	
Newton	Southeast	248.0	149,847	604	272,033	1,097	6,447	26.0	
Orange	Southeast	15.6	12,720	813	43,057	2,753	979	62.6	
Panola	Northeast	97.3	50,570	520	137,710	1,415	3,018	31.0	
Polk	Southeast	213.1	107,277	503	326,005	1,530	7,217	33.9	
Red River	Northeast	77.7	22,489	289	118,813	1,529	2,494	32.1	
Rusk	Northeast	61.0	40,230	659	138,694	2,273	2,999	49.2	
Sabine	Southeast	102.6	74,504	726	141,029	1,374	3,256	31.7	
San Augustine	Southeast	98.8	63,267	640	183,128	1,853	4,082	41.3	
San Jacinto	Southeast	25.1	6,709	268	24,914	994	544	21.7	
Shelby	Northeast	55.2	28,794	521	90,567	1,639	2,024	36.6	
Smith	Northeast	20.8	3,554	171	34,576	1,665	702	33.8	
Titus	Northeast	19.0	19,148	1,006	23,767	1,249	641	33.7	
Trinity	Southeast	138.5	61,705	445	209,928	1,516	4,726	34.1	
Tyler	Southeast	227.7	132,097	580	305,291	1,341	7,040	30.9	
Upshur	Northeast	32.1	30,005	934	68,489	2,132	1,552	48.3	
Van Zandt	Northeast	-	-	-	-	-	-	-	
Walker	Southeast	76.5	24,810	324	107,724	1,407	2,328	30.4	
Waller	Southeast	-	-	-	-	-	-	-	
Wood	Northeast	19.8	18,080	912	17,336	874	517	26.1	
Region		Area of timberland (thousand acres)	Number of all live trees (thousand trees)	(trees per acre)	Volume of all live (thousand cu ft)	(cu ft per acre)	All live aboveground biomass (thousand tons)	(tons per acre)	
Southeast Region		1,811.6	1,130,189	624	2,607,895	1,440	59,737	33.0	
Northeast Region		983.4	584,130	594	1,647,037	1,675	36,434	37.0	
East Texas		2,795.1	1,714,319	613	4,254,932	1,522	96,172	34.4	

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 individual counties.

Table A4—Area, number, volume, and biomass estimates for *oak-pine* forest types by county, 2020.

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	31.4	26,376	840	44,181	1,407	1,265	40.3	
Angelina	Southeast	49.5	36,388	735	98,154	1,982	2,417	48.8	
Bowie	Northeast	32.0	17,419	544	34,775	1,087	914	28.5	
Camp	Northeast	12.9	4,268	332	26,159	2,034	599	46.6	
Cass	Northeast	56.9	35,974	632	65,062	1,143	1,693	29.7	
Chambers	Southeast	11.5	9,584	834	14,907	1,297	422	36.7	
Cherokee	Northeast	85.0	64,500	759	101,680	1,197	2,690	31.7	
Franklin	Northeast	-	-	-	-	-	-	-	
Gregg	Northeast	3.5	6,875	1,968	4,142	1,186	112	32.1	
Grimes	Southeast	25.4	11,454	452	17,790	701	489	19.3	
Hardin	Southeast	45.8	11,538	252	27,179	594	658	14.4	
Harris	Southeast	33.2	11,674	352	49,778	1,501	1,201	36.2	
Harrison	Northeast	36.7	23,174	631	23,128	630	731	19.9	
Henderson	Northeast	8.0	1,910	238	2,455	305	67	8.4	
Houston	Southeast	63.2	36,652	580	98,672	1,562	2,570	40.7	
Jasper	Southeast	92.9	80,791	870	98,801	1,064	2,788	30.0	
Jefferson	Southeast	-	-	-	-	-	-	-	
Leon	Southeast	26.6	4,634	174	20,682	776	490	18.4	
Liberty	Southeast	30.9	20,422	660	47,363	1,532	1,206	39.0	
Madison	Southeast	9.8	4,778	487	7,107	725	214	21.9	
Marion	Northeast	48.5	24,194	499	88,193	1,817	2,160	44.5	
Montgomery	Southeast	96.4	59,484	617	179,496	1,862	4,669	48.4	
Morris	Northeast	3.7	1,824	488	6,394	1,712	153	41.1	
Nacogdoches	Northeast	50.8	41,579	818	105,903	2,084	2,619	51.5	
Newton	Southeast	36.1	27,591	765	54,707	1,516	1,389	38.5	
Orange	Southeast	13.7	15,681	1,143	9,955	725	328	23.9	
Panola	Northeast	61.4	43,385	707	141,981	2,313	3,640	59.3	
Polk	Southeast	60.7	38,389	633	65,954	1,087	1,732	28.5	
Red River	Northeast	8.0	7,948	989	8,033	999	232	28.9	
Rusk	Northeast	25.7	15,329	597	13,871	540	407	15.9	
Sabine	Southeast	36.3	17,600	484	70,499	1,940	1,779	48.9	
San Augustine	Southeast	29.4	8,253	281	36,791	1,252	895	30.5	
San Jacinto	Southeast	33.2	21,270	641	41,151	1,240	1,100	33.1	
Shelby	Northeast	41.8	18,881	452	67,252	1,611	1,716	41.1	
Smith	Northeast	40.0	41,665	1,042	63,390	1,585	1,635	40.9	
Titus	Northeast	0.2	34	149	763	3,389	20	88.4	
Trinity	Southeast	41.9	17,644	421	56,765	1,355	1,439	34.4	
Tyler	Southeast	21.3	17,039	799	24,859	1,166	683	32.1	
Upshur	Northeast	22.5	18,827	838	45,628	2,032	1,176	52.4	
Van Zandt	Northeast	12.9	6,945	540	11,538	897	318	24.7	
Walker	Southeast	32.9	21,376	649	49,258	1,495	1,255	38.1	
Waller	Southeast	10.1	7,684	763	8,633	857	225	22.3	
Wood	Northeast	33.9	24,185	713	58,254	1,716	1,548	45.6	
Region		Area of timberland (thousand acres)	Number of all live trees (thousand trees) (trees per acre)		Volume of all live (thousand cu ft) (cu ft per acre)		All live aboveground biomass (thousand tons) (tons per acre)		
Southeast Region		800.7	479,926	599	1,078,502	1,347	27,947	34.9	
Northeast Region		615.8	425,294	691	912,785	1,482	23,695	38.5	
East Texas		1,416.5	905,220	639	1,991,287	1,406	51,642	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 individual counties.

Table A5—Area, number, volume, and biomass estimates for *oak-hickory* forest types by county, 2020.

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	133.0	66,351	499	145,304	1,093	4,132	31.1	
Angelina	Southeast	52.5	19,604	373	70,580	1,344	1,906	36.3	
Bowie	Northeast	75.0	47,174	629	97,326	1,297	2,747	36.6	
Camp	Northeast	10.9	5,270	483	19,874	1,823	514	47.1	
Cass	Northeast	116.4	85,563	735	127,617	1,096	3,703	31.8	
Chambers	Southeast	-	-	-	-	-	-	-	
Cherokee	Northeast	119.5	82,766	692	191,346	1,601	5,294	44.3	
Franklin	Northeast	57.5	45,883	798	75,498	1,312	2,255	39.2	
Gregg	Northeast	22.6	9,201	408	17,746	786	529	23.4	
Grimes	Southeast	59.7	15,640	262	45,836	767	1,317	22.0	
Hardin	Southeast	13.2	7,058	534	10,098	765	268	20.3	
Harris	Southeast	33.1	22,046	666	10,384	314	430	13.0	
Harrison	Northeast	98.6	77,766	789	132,154	1,341	3,830	38.9	
Henderson	Northeast	129.8	56,622	436	149,846	1,154	4,149	32.0	
Houston	Southeast	75.8	39,006	515	88,800	1,171	2,528	33.3	
Jasper	Southeast	32.3	24,364	755	42,316	1,312	1,154	35.8	
Jefferson	Southeast	6.3	1,450	231	9,130	1,454	228	36.3	
Leon	Southeast	169.1	48,479	287	174,774	1,033	4,947	29.2	
Liberty	Southeast	51.9	32,933	635	78,081	1,505	2,147	41.4	
Madison	Southeast	31.8	9,624	303	21,614	680	646	20.3	
Marion	Northeast	29.2	15,874	544	34,530	1,183	1,069	36.6	
Montgomery	Southeast	62.5	24,003	384	94,492	1,511	2,482	39.7	
Morris	Northeast	27.1	31,053	1,146	14,965	552	586	21.6	
Nacogdoches	Northeast	89.6	55,755	622	146,436	1,634	4,017	44.8	
Newton	Southeast	47.1	28,634	607	74,380	1,578	2,031	43.1	
Orange	Southeast	9.9	14,786	1,493	7,231	730	292	29.5	
Panola	Northeast	38.4	23,303	607	63,163	1,645	1,686	43.9	
Polk	Southeast	49.4	30,683	621	64,347	1,303	1,808	36.6	
Red River	Northeast	93.0	58,220	626	108,229	1,164	3,319	35.7	
Rusk	Northeast	106.2	92,533	871	92,487	871	3,034	28.6	
Sabine	Southeast	43.6	44,200	1,015	86,844	1,993	2,383	54.7	
San Augustine	Southeast	15.0	21,279	1,418	18,603	1,240	587	39.1	
San Jacinto	Southeast	72.4	44,524	615	72,024	995	2,058	28.4	
Shelby	Northeast	75.8	44,226	584	111,719	1,475	3,207	42.3	
Smith	Northeast	70.5	63,286	898	77,426	1,099	2,342	33.2	
Titus	Northeast	51.7	30,003	580	82,970	1,605	2,514	48.6	
Trinity	Southeast	16.6	7,932	479	16,297	985	530	32.0	
Tyler	Southeast	32.0	18,619	581	51,880	1,619	1,358	42.4	
Upshur	Northeast	62.6	48,081	768	48,431	773	1,476	23.6	
Van Zandt	Northeast	88.8	40,286	454	86,695	976	2,470	27.8	
Walker	Southeast	57.3	23,285	406	47,722	832	1,473	25.7	
Waller	Southeast	-	-	-	-	-	-	-	
Wood	Northeast	93.1	56,936	612	138,993	1,493	3,948	42.4	
Region		Area of timberland (thousand acres)	Number of all live trees		Volume of all live		All live aboveground biomass		
Southeast Region		931.6	478,150	513	1,085,432	1,165	30,573	32.8	
Northeast Region		1,589.3	1,036,154	652	1,962,753	1,235	56,819	35.8	
East Texas		2,520.9	1,514,304	601	3,048,185	1,209	87,393	34.7	

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 individual counties.

Table A6—Area, number, volume, and biomass estimates for *oak-gum-cypress* forest types by county, 2020.

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	56.6	30,713	542	102,831	1,816	2,762	48.8	
Angelina	Southeast	41.2	29,324	712	76,743	1,863	2,018	49.0	
Bowie	Northeast	58.4	39,884	682	83,786	1,434	2,698	46.2	
Camp	Northeast	6.4	2,104	327	4,237	659	124	19.2	
Cass	Northeast	62.7	36,058	575	101,096	1,611	2,639	42.1	
Chambers	Southeast	6.3	1,162	183	5,081	801	143	22.6	
Cherokee	Northeast	12.9	7,716	600	16,299	1,267	425	33.0	
Franklin	Northeast	10.0	5,705	571	8,129	814	262	26.3	
Gregg	Northeast	18.9	4,384	232	22,454	1,188	580	30.7	
Grimes	Southeast	-	-	-	-	-	-	-	
Hardin	Southeast	79.6	59,064	742	147,628	1,855	3,868	48.6	
Harris	Southeast	27.0	18,363	681	34,933	1,296	975	36.2	
Harrison	Northeast	27.6	8,466	307	79,719	2,887	1,869	67.7	
Henderson	Northeast	12.9	4,827	375	19,790	1,539	565	43.9	
Houston	Southeast	8.4	1,973	234	25,308	3,007	606	72.0	
Jasper	Southeast	69.0	50,570	733	141,781	2,056	3,761	54.5	
Jefferson	Southeast	27.5	13,409	487	37,825	1,374	1,095	39.8	
Leon	Southeast	48.2	17,212	357	77,935	1,616	2,046	42.4	
Liberty	Southeast	88.2	70,760	802	117,412	1,331	3,303	37.4	
Madison	Southeast	-	-	-	-	-	-	-	
Marion	Northeast	14.0	15,702	1,120	18,331	1,307	604	43.1	
Montgomery	Southeast	17.3	2,592	150	19,614	1,132	476	27.5	
Morris	Northeast	14.7	5,544	377	42,941	2,917	1,132	76.9	
Nacogdoches	Northeast	46.1	25,721	558	84,047	1,824	2,185	47.4	
Newton	Southeast	79.4	40,679	512	155,429	1,958	4,077	51.4	
Orange	Southeast	24.6	19,698	799	18,129	736	586	23.8	
Panola	Northeast	74.2	42,900	578	201,039	2,709	5,018	67.6	
Polk	Southeast	47.4	36,916	779	75,285	1,589	2,140	45.2	
Red River	Northeast	42.1	34,264	814	61,089	1,451	1,893	45.0	
Rusk	Northeast	35.2	18,594	529	82,249	2,340	2,149	61.1	
Sabine	Southeast	7.9	5,707	722	17,586	2,225	473	59.9	
San Augustine	Southeast	27.8	16,039	576	48,966	1,760	1,416	50.9	
San Jacinto	Southeast	18.7	25,625	1,368	65,876	3,518	1,705	91.0	
Shelby	Northeast	36.2	16,628	460	47,807	1,322	1,414	39.1	
Smith	Northeast	29.0	16,578	572	52,895	1,825	1,516	52.3	
Titus	Northeast	16.9	5,248	311	20,453	1,214	568	33.7	
Trinity	Southeast	12.7	5,253	414	55,148	4,348	1,478	116.6	
Tyler	Southeast	56.7	36,364	641	77,856	1,372	2,130	37.5	
Upshur	Northeast	18.3	8,668	474	36,695	2,007	904	49.4	
Van Zandt	Northeast	6.4	869	135	4,200	653	123	19.1	
Walker	Southeast	15.9	4,468	282	29,252	1,845	789	49.8	
Waller	Southeast	1.7	124	72	1,219	710	33	19.5	
Wood	Northeast	49.1	30,950	630	73,055	1,487	1,827	37.2	
Region		Area of timberland (thousand acres)	Number of all live trees (thousand trees)	(trees per acre)	Volume of all live (thousand cu ft)	(cu ft per acre)	All live aboveground biomass (thousand tons)	(tons per acre)	
Southeast Region		705.7	455,302	645	1,229,006	1,742	33,119	46.9	
Northeast Region		648.7	361,522	557	1,163,143	1,793	31,256	48.2	
East Texas		1,354.3	816,824	603	2,392,149	1,766	64,375	47.5	

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 individual counties.

Table A7—Area, number, volume, and biomass estimates for *elm-ash-cottonwood* forest types by county, 2020.

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	42.5	23,322	548	47,499	1,117	1,303	30.6	
Angelina	Southeast	2.8	1,162	411	12,491	4,419	249	88.2	
Bowie	Northeast	10.9	2,121	194	16,051	1,469	353	32.4	
Camp	Northeast	-	-	-	-	-	-	-	
Cass	Northeast	1.6	77	48	874	544	16	9.9	
Chambers	Southeast	6.7	2,856	427	8,461	1,266	226	33.9	
Cherokee	Northeast	17.2	4,882	284	19,187	1,115	469	27.2	
Franklin	Northeast	-	-	-	-	-	-	-	
Gregg	Northeast	12.5	5,338	428	23,618	1,892	536	42.9	
Grimes	Southeast	14.8	4,841	328	15,480	1,049	424	28.8	
Hardin	Southeast	-	-	-	-	-	-	-	
Harris	Southeast	14.5	3,949	273	11,603	802	301	20.8	
Harrison	Northeast	3.5	1,866	534	948	271	60	17.2	
Henderson	Northeast	15.1	8,723	579	20,023	1,328	565	37.5	
Houston	Southeast	23.7	8,733	369	27,712	1,171	711	30.0	
Jasper	Southeast	6.2	1,357	220	12,342	2,002	269	43.7	
Jefferson	Southeast	7.4	1,052	142	3,905	528	97	13.2	
Leon	Southeast	20.9	6,134	294	30,240	1,449	704	33.8	
Liberty	Southeast	37.9	27,532	726	61,264	1,615	1,629	43.0	
Madison	Southeast	14.0	4,570	327	12,001	859	343	24.5	
Marion	Northeast	8.2	3,123	382	11,029	1,349	261	31.9	
Montgomery	Southeast	7.3	3,533	483	14,204	1,942	373	51.0	
Morris	Northeast	15.7	12,429	791	19,586	1,246	497	31.6	
Nacogdoches	Northeast	12.7	4,010	315	15,399	1,208	357	28.0	
Newton	Southeast	4.9	1,523	309	5,000	1,016	117	23.7	
Orange	Southeast	-	-	-	-	-	-	-	
Panola	Northeast	21.0	9,485	451	18,129	862	574	27.3	
Polk	Southeast	-	-	-	-	-	-	-	
Red River	Northeast	51.8	45,234	874	75,532	1,459	2,281	44.1	
Rusk	Northeast	4.4	830	187	6,354	1,432	158	35.7	
Sabine	Southeast	-	-	-	-	-	-	-	
San Augustine	Southeast	6.3	8,352	1,317	4,682	738	171	27.0	
San Jacinto	Southeast	3.2	8,672	2,735	884	279	58	18.3	
Shelby	Northeast	16.5	8,540	519	15,983	971	451	27.4	
Smith	Northeast	18.2	9,403	517	17,584	966	457	25.1	
Titus	Northeast	9.6	12,247	1,270	7,635	792	283	29.3	
Trinity	Southeast	-	-	-	-	-	-	-	
Tyler	Southeast	8.8	4,492	509	7,822	886	197	22.3	
Upshur	Northeast	13.6	2,404	176	23,355	1,711	531	38.9	
Van Zandt	Northeast	20.5	10,656	520	7,956	388	274	13.4	
Walker	Southeast	14.9	5,714	383	20,358	1,366	533	35.8	
Waller	Southeast	33.6	11,437	341	14,866	443	461	13.7	
Wood	Northeast	11.8	2,078	177	13,363	1,137	285	24.2	
Region		Area of timberland (thousand acres)	Number of all live trees		Volume of all live		All live aboveground biomass		
Southeast Region		227.8	(thousand trees)	(trees per acre)	(thousand cu ft)	(cu ft per acre)	(thousand tons)	(tons per acre)	
Northeast Region		307.4	105,909	465	263,314	1,156	6,864	30.1	
East Texas		535.2	166,770	543	360,103	1,171	9,709	31.6	
			272,679	510	623,417	1,165	16,574	31.0	

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 individual counties.

Table A8—Area, number, volume, and biomass estimates for *other* forest types by county, 2020.

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	15.9	1,775	112	7,477	470	169	10.6	
Angelina	Southeast	8.6	11,858	1,382	1,943	226	79	9.2	
Bowie	Northeast	5.8	650	111	554	95	17	3.0	
Camp	Northeast	-	-	-	-	-	-	-	
Cass	Northeast	8.5	2,444	289	1,644	194	50	5.9	
Chambers	Southeast	12.5	12,836	1,028	3,172	254	168	13.5	
Cherokee	Northeast	7.1	-	-	-	-	-	-	
Franklin	Northeast	8.4	3,476	416	11,742	1,404	263	31.5	
Gregg	Northeast	1.4	-	-	-	-	-	-	
Grimes	Southeast	9.6	78	8	698	73	13	1.4	
Hardin	Southeast	38.0	10,039	264	9,860	259	355	9.3	
Harris	Southeast	36.4	21,108	580	21,399	588	652	17.9	
Harrison	Northeast	-	-	-	-	-	-	-	
Henderson	Northeast	7.0	1,931	276	13,167	1,884	258	36.9	
Houston	Southeast	0.5	-	-	-	-	-	-	
Jasper	Southeast	6.3	9,664	1,524	3,908	616	201	31.7	
Jefferson	Southeast	6.4	2,081	324	2,678	417	86	13.3	
Leon	Southeast	-	-	-	-	-	-	-	
Liberty	Southeast	29.6	30,545	1,033	2,681	91	263	8.9	
Madison	Southeast	-	-	-	-	-	-	-	
Marion	Northeast	3.2	7,019	2,183	1,535	477	77	24.1	
Montgomery	Southeast	10.7	7,842	730	3,558	331	156	14.5	
Morris	Northeast	-	-	-	-	-	-	-	
Nacogdoches	Northeast	15.3	2,120	139	1,081	71	47	3.1	
Newton	Southeast	10.0	10,123	1,017	6,583	661	269	27.0	
Orange	Southeast	6.3	38	6	464	73	10	1.6	
Panola	Northeast	3.8	5,689	1,481	934	243	74	19.3	
Polk	Southeast	19.3	515	27	-	-	1	0.0	
Red River	Northeast	6.4	4,961	771	4,018	625	128	19.9	
Rusk	Northeast	8.4	76	9	217	26	5	0.6	
Sabine	Southeast	-	-	-	-	-	-	-	
San Augustine	Southeast	4.3	206	48	362	84	9	2.1	
San Jacinto	Southeast	4.8	-	-	-	-	-	-	
Shelby	Northeast	3.6	5,048	1,403	1,206	335	49	13.5	
Smith	Northeast	10.3	1,617	157	12,342	1,195	258	25.0	
Titus	Northeast	1.6	1,196	744	596	371	32	19.6	
Trinity	Southeast	16.1	963	60	3,178	198	103	6.4	
Tyler	Southeast	-	-	-	-	-	-	-	
Upshur	Northeast	6.0	637	105	363	60	16	2.6	
Van Zandt	Northeast	10.2	7,485	730	5,457	532	151	14.8	
Walker	Southeast	1.5	-	-	-	-	-	-	
Waller	Southeast	21.1	4,070	193	4,874	231	136	6.4	
Wood	Northeast	-	-	-	-	-	-	-	
Region		Area of timberland (thousand acres)	Number of all live trees (thousand trees) (trees per acre)		Volume of all live (thousand cu ft) (cu ft per acre)		All live aboveground biomass (thousand tons) (tons per acre)		
Southeast Region		242.0	121,966	504	65,357	270	2,501	10.3	
Northeast Region		123.0	46,124	375	62,334	507	1,594	13.0	
East Texas		365.0	168,090	461	127,691	350	4,095	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 individual counties.