

List of Estimate Tables

Tables labeled with the State abbreviation followed by a number (e.g., Table MO-1) report estimates of forest characteristics collected during this inventory period, including estimates of forested area, number of trees, etc.

Tables with growth, removals, or mortality estimates for the 2013 inventory are based on data collected for time 1 from 2004 through 2008 and time 2 from 2009 through 2013. Other estimates for the 2013 inventory are based on data collected from 2009 through 2013 unless noted otherwise. Gaps in enumeration of tables are placeholders for future tables such as forest health indicator population estimates (e.g., down woody materials).

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Table MO-1.—Percentage of area by land status, Missouri, 2013

Land status	Percentage of area
Accessible forest land	
Unreserved forest land	
Timberland	31.0
Unproductive	0.4
Total unreserved forest land	31.4
Reserved forest land	
Productive	0.7
Unproductive	--
Total reserved forest land	0.7
All accessible forest land	32.2
Nonforest and other land	
Nonforest land	61.9
Water	
Census	1.3
Non-Census	0.7
All nonforest and other land	63.9
Nonsampled land	
Access denied	3.9
Hazardous conditions	0.1
Other	--
All land	100.0
Total area (thousands of acres)	44,611

All table cells without observations in the inventory sample are indicated by --.
 Table value of 0.0 indicates the percentage rounds to less than 0.1 percent.
 Columns and rows may not add to their totals due to rounding.

Table MO-2.—Area of forest land, in thousand acres, by owner class and forest land status, Missouri, 2013

Owner class	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
Forest Service							
National forest	1,389.3	12.5	1,401.8	105.4	--	105.4	1,507.2
Other Federal							
National Park Service	--	--	--	56.7	--	56.7	56.7
Fish and Wildlife Service	--	--	--	23.4	--	23.4	23.4
Department of Defense or Energy	234.4	10.0	244.4	4.5	--	4.5	248.9
Other Federal	34.3	--	34.3	--	--	--	34.3
State and local government							
State	590.4	4.1	594.5	142.2	--	142.2	736.6
Local (county, municipal, etc.)	86.0	--	86.0	--	--	--	86.0
Private							
Undifferentiated private	12,575.3	184.0	12,759.3	--	--	--	12,759.3
All owners	14,909.6	210.6	15,120.2	332.2	--	332.2	15,452.5

All table cells without observations in the inventory sample are indicated by --.

Table value of 0.0 indicates the acres round to less than 100 acres.

Columns and rows may not add to their totals due to rounding.

Table MO-3.—Area of forest land, in thousand acres, by forest-type group and productivity class, Missouri, 2013

Forest-type group	Site-productivity class (cubic feet/acre/year)							All classes
	0-19	20-49	50-84	85-119	120-164	165-224	225+	
White / red / jack pine group	--	--	--	2.2	--	--	--	2.2
Loblolly / shortleaf pine group	--	6.3	90.2	132.3	16.7	3.0	--	248.6
Other eastern softwoods group	20.1	331.1	40.3	14.2	--	--	--	405.7
Oak / pine group	22.1	397.0	246.1	173.9	41.4	3.0	3.0	886.6
Oak / hickory group	160.1	3,638.7	5,918.7	2,509.1	214.8	6.3	0.7	12,448.4
Oak / gum / cypress group	--	21.5	38.5	44.3	--	5.9	--	110.2
Elm / ash / cottonwood group	4.4	263.1	553.2	280.9	38.2	0.2	--	1,140.0
Maple / beech / birch group	--	51.3	28.1	11.1	--	--	--	90.5
Other hardwoods group	--	13.2	27.8	--	--	--	--	41.0
Exotic hardwoods group	--	--	--	--	3.3	--	--	3.3
Nonstocked	4.0	27.5	32.5	11.9	--	--	--	75.8
All forest-type groups	210.6	4,749.7	6,975.5	3,179.9	314.5	18.5	3.8	15,452.5

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Table MO-4.—Area of forest land, in thousand acres, by forest-type group, ownership group, and forest-land status, Missouri, 2013

Forest-type group	Forest Service		Other Federal		State and local government		Undifferentiated private		All forest land
	Timber-land	Other forest land	Timber-land	Other forest land	Timber-land	Other forest land	Timber-land	Other forest land	
White / red / jack pine group	--	--	--	--	2.2	--	--	--	2.2
Loblolly / shortleaf pine group	129.5	3.5	--	4.4	11.7	10.6	88.8	--	248.6
Other eastern softwoods group	13.8	--	3.4	--	1.5	2.5	366.9	17.6	405.7
Oak / pine group	167.3	29.9	10.2	5.8	22.3	3.9	627.4	19.8	886.6
Oak / hickory group	1,056.8	81.5	192.9	51.9	552.2	111.1	10,259.7	142.3	12,448.4
Oak / gum / cypress group	3.0	--	6.0	18.9	10.6	--	71.6	--	110.2
Elm / ash / cottonwood group	14.9	3.0	35.7	9.6	75.8	18.1	978.6	4.4	1,140.0
Maple / beech / birch group	3.3	--	1.5	--	--	--	85.8	--	90.5
Other hardwoods group	--	--	1.5	--	--	--	39.5	--	41.0
Exotic hardwoods group	--	--	--	--	--	--	3.3	--	3.3
Nonstocked	0.8	--	17.6	4.0	--	--	53.6	--	75.8
All forest-type groups	1,389.3	117.9	268.7	94.6	676.4	146.2	12,575.3	184.0	15,452.5

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Table MO-5.—Area of forest land, in thousand acres, by forest-type group and stand-size class, Missouri, 2013

Forest-type group	Large diameter	Medium diameter	Small diameter	Nonstocked	All size classes
White / red / jack pine group	2.2	--	--	--	2.2
Loblolly / shortleaf pine group	207.4	39.5	1.6	--	248.6
Other eastern softwoods group	62.5	175.3	167.9	--	405.7
Oak / pine group	437.2	354.1	95.3	--	886.6
Oak / hickory group	7,747.5	3,803.1	897.9	--	12,448.4
Oak / gum / cypress group	86.6	23.5	--	--	110.2
Elm / ash / cottonwood group	729.1	297.2	113.7	--	1,140.0
Maple / beech / birch group	66.2	11.7	12.6	--	90.5
Other hardwoods group	--	--	41.0	--	41.0
Exotic hardwoods group	--	--	3.3	--	3.3
Nonstocked	--	--	--	75.8	75.8
All forest-type groups	9,338.9	4,704.5	1,333.2	75.8	15,452.5

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Table MO-6.—Area of forest land, in thousand acres, by forest-type group and stand-age class, Missouri, 2013

Forest-type group	Stand-age class (years)									All classes
	Non-stocked	1-20	21-40	41-60	61-80	81-100	101-120	121-140	141+	
White / red / jack pine group	--	--	--	2.2	--	--	--	--	--	2.2
Loblolly / shortleaf pine group	--	18.6	28.8	101.4	71.0	22.7	6.1	--	--	248.6
Other eastern softwoods group	--	70.8	106.5	153.4	45.8	25.3	3.9	--	--	405.7
Oak / pine group	--	31.6	137.7	264.3	327.6	101.9	23.5	--	--	886.6
Oak / hickory group	--	431.7	1,311.4	3,328.5	4,458.6	2,187.6	528.7	190.6	11.3	12,448.4
Oak / gum / cypress group	--	12.0	16.8	17.1	28.7	35.7	--	--	--	110.2
Elm / ash / cottonwood group	--	88.4	225.8	532.4	236.2	45.3	11.8	--	--	1,140.0
Maple / beech / birch group	--	4.5	1.3	37.9	33.8	13.0	--	--	--	90.5
Other hardwoods group	--	31.9	6.0	1.6	1.5	--	--	--	--	41.0
Exotic hardwoods group	--	--	--	3.3	--	--	--	--	--	3.3
Nonstocked	75.8	--	--	--	--	--	--	--	--	75.8
All forest-type groups	75.8	689.6	1,834.3	4,442.0	5,203.2	2,431.6	573.9	190.6	11.3	15,452.5

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Table MO-7.—Area of forest land, in thousand acres, by forest-type group and stand origin, Missouri, 2013

Forest-type group	Stand origin		All forest land
	Natural stands	Artificial regeneration	
White / red / jack pine group	--	2.2	2.2
Loblolly / shortleaf pine group	148.3	100.3	248.6
Other eastern softwoods group	400.9	4.8	405.7
Oak / pine group	863.0	23.6	886.6
Oak / hickory group	12,423.1	25.3	12,448.4
Oak / gum / cypress group	104.3	5.9	110.2
Elm / ash / cottonwood group	1,128.4	11.6	1,140.0
Maple / beech / birch group	90.5	--	90.5
Other hardwoods group	41.0	--	41.0
Exotic hardwoods group	3.3	--	3.3
Nonstocked	75.8	--	75.8
All forest-type groups	15,278.6	173.8	15,452.5

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Table MO-8.—Area of forest land, in thousand acres, by forest-type group and disturbance class, Missouri, 2013

Forest-type group	Disturbance class									All forest land
	None	Insects	Disease	Weather	Fire	Domestic animals	Wild animals	Human	Other	
White / red / jack pine group	2.2	--	--	--	--	--	--	--	--	2.2
Loblolly / shortleaf pine group	218.5	--	--	8.4	10.7	11.1	--	--	--	248.6
Other eastern softwoods group	298.1	--	--	15.6	--	80.0	1.5	10.6	--	405.7
Oak / pine group	666.6	--	9.4	13.8	67.4	128.0	--	1.5	--	886.6
Oak / hickory group	9,041.1	12.5	72.2	868.5	266.2	2,027.3	13.2	126.5	21.0	12,448.4
Oak / gum / cypress group	70.6	--	--	30.9	--	8.7	--	--	--	110.2
Elm / ash / cottonwood group	639.6	--	--	288.9	13.7	113.1	16.2	24.0	44.5	1,140.0
Maple / beech / birch group	71.8	--	7.2	11.5	--	--	--	--	--	90.5
Other hardwoods group	21.9	--	--	--	--	13.1	--	6.0	--	41.0
Exotic hardwoods group	--	--	--	--	--	3.3	--	--	--	3.3
Nonstocked	16.9	--	--	8.7	12.4	33.9	0.8	3.2	--	75.8
All forest-type groups	11,047.2	12.5	88.8	1,246.3	370.4	2,418.4	31.6	171.7	65.5	15,452.5

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Columns and rows may not add to their totals due to rounding.

Table MO-9.—Area of timberland, in thousand acres, by forest-type group and stand-size class, Missouri, 2013

Forest-type group	Large diameter	Medium diameter	Small diameter	Nonstocked	All size classes
White / red / jack pine group	2.2	--	--	--	2.2
Loblolly / shortleaf pine group	188.9	39.5	1.6	--	230.0
Other eastern softwoods group	55.0	175.3	155.3	--	385.6
Oak / pine group	423.7	318.2	85.3	--	827.2
Oak / hickory group	7,486.3	3,696.5	878.8	--	12,061.6
Oak / gum / cypress group	67.7	23.5	--	--	91.3
Elm / ash / cottonwood group	712.7	286.5	105.7	--	1,104.9
Maple / beech / birch group	66.2	11.7	12.6	--	90.5
Other hardwoods group	--	--	41.0	--	41.0
Exotic hardwoods group	--	--	3.3	--	3.3
Nonstocked	--	--	--	71.9	71.9
All forest-type groups	9,002.9	4,551.3	1,283.5	71.9	14,909.6

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Table MO-10.—Number of live trees (at least 1 inch d.b.h./d.r.c.), in thousand trees, on forest land by species group, species, and diameter class, Missouri, 2013

Species group/Species	Diameter class(inches)															Total
	1.0-	3.0-	5.0-	7.0-	9.0-	11.0-	13.0-	15.0-	17.0-	19.0-	21.0-	25.0-	29.0-	33.0-	37.0+	
Softwood species group	2.9	4.9	6.9	8.9	10.9	12.9	14.9	16.9	18.9	20.9	24.9	28.9	32.9	36.9	37.0+	
Eastern softwood species groups																
Loblolly and shortleaf pines																
Shortleaf pine	35,816	25,908	18,019	18,311	17,172	12,521	8,251	3,880	1,378	826	276	59	--	--	--	142,418
Group subtotal	35,816	25,908	18,019	18,311	17,172	12,521	8,251	3,880	1,378	826	276	59	--	--	--	142,418
Other yellow pines																
Scotch pine	--	--	70	--	--	--	--	--	--	--	--	--	--	--	--	70
Virginia pine	540	--	--	37	--	--	--	--	--	--	--	--	--	--	--	577
Group subtotal	540	--	70	37	--	--	--	--	--	--	--	--	--	--	--	647
Eastern white and red pines																
Eastern white pine	--	--	179	178	--	135	179	54	43	--	--	--	--	--	--	769
Group subtotal	--	--	179	178	--	135	179	54	43	--	--	--	--	--	--	769
Other eastern softwoods																
Eastern redcedar	399,578	190,933	96,087	50,774	23,011	8,603	3,714	1,143	270	44	37	--	--	--	--	774,192
Group subtotal	399,578	190,933	96,087	50,774	23,011	8,603	3,714	1,143	270	44	37	--	--	--	--	774,192
All softwoods	435,934	216,840	114,355	69,300	40,183	21,259	12,143	5,077	1,691	870	313	59	--	--	--	918,025
Hardwood species groups																
Eastern hardwood species groups																
Select white oaks																
White oak	247,516	147,299	86,857	66,776	54,996	43,399	31,005	19,810	11,073	6,239	4,741	1,451	678	82	--	721,921
Swamp white oak	2,085	912	1,311	1,047	672	774	391	393	477	99	80	37	80	--	--	8,357
Bur oak	4,432	3,477	1,994	942	908	650	870	534	328	187	313	256	37	--	82	15,009
Swamp chestnut oak	--	445	38	49	--	--	--	--	--	--	36	--	--	--	--	567
Chinkapin oak	39,659	19,384	11,394	10,159	7,056	4,770	3,133	1,706	898	553	537	129	79	--	--	99,456
Group subtotal	293,692	171,517	101,593	78,973	63,631	49,592	35,398	22,443	12,777	7,077	5,706	1,874	874	82	82	845,310
Select red oaks																
Cherrybark oak	--	475	262	150	146	159	36	36	101	--	--	--	--	--	--	1,367
Northern red oak	51,791	20,714	11,651	10,597	8,384	6,828	5,679	4,324	3,407	1,881	2,050	527	334	115	--	128,281
Shumard oak	8,634	4,303	4,916	3,023	2,017	1,087	833	601	509	199	60	165	43	--	--	26,391
Group subtotal	60,425	25,493	16,829	13,770	10,547	8,074	6,548	4,962	4,018	2,080	2,111	691	377	115	--	156,039
Other white oaks																
Overcup oak	--	337	108	271	171	135	132	--	--	--	--	--	27	--	--	1,182
Post oak	126,575	87,206	70,805	62,936	45,627	28,970	16,722	9,149	4,909	2,162	1,884	281	117	88	--	457,430
Group subtotal	126,575	87,543	70,913	63,207	45,798	29,105	16,854	9,149	4,909	2,162	1,884	281	144	88	--	458,611
Other red oaks																
Scarlet oak	25,745	10,048	8,722	9,649	8,329	6,074	4,532	2,667	1,637	520	506	73	18	--	--	78,520
Southern red oak	5,334	4,872	2,500	1,797	1,388	825	589	476	299	111	136	36	--	--	--	18,365
Shingle oak	43,653	18,369	9,841	5,908	4,416	2,857	1,301	702	570	481	471	242	--	37	--	88,846
Blackjack oak	46,722	23,965	10,710	6,434	3,454	1,861	1,313	801	303	119	38	--	--	--	--	95,719
Water oak	--	--	49	49	--	--	--	--	--	--	--	--	--	--	--	97
Nuttall oak	--	--	--	49	--	--	--	49	--	--	--	--	--	--	--	97
Pin oak	8,446	4,930	3,430	2,942	2,092	2,289	1,717	1,270	588	559	557	129	131	--	--	29,079
Willow oak	435	--	204	51	51	--	87	--	51	36	--	--	--	--	--	914
Black oak	160,028	78,889	51,184	45,929	38,976	31,255	21,452	14,435	7,592	4,510	3,584	1,130	75	95	18	459,150
Group subtotal	290,363	141,073	86,640	72,808	58,705	45,160	30,989	20,399	11,040	6,336	5,292	1,609	224	131	18	770,787

(Table 10 continued on next page)

(Table 10 continued)

Species group/Species	Diameter class(inches)															Total
	1.0- 2.9	3.0- 4.9	5.0- 6.9	7.0- 8.9	9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 24.9	25.0- 28.9	29.0- 32.9	33.0- 36.9	37.0+	
Hickory																
Bitternut hickory	59,362	22,210	13,430	8,890	5,672	2,828	1,778	1,205	496	187	154	38	--	--	--	116,249
Pignut hickory	36,590	18,239	10,502	6,387	4,148	2,680	1,626	611	517	157	82	--	--	--	--	81,537
Pecan	--	1,120	1,345	548	360	292	371	376	73	72	36	90	--	--	--	4,681
Shellbark hickory	2,692	--	775	800	485	450	196	--	--	36	108	72	--	--	--	5,613
Shagbark hickory	86,410	44,898	24,950	16,397	11,278	6,339	3,929	1,927	1,079	412	230	45	82	--	--	197,977
Black hickory	256,897	70,461	30,268	16,126	9,053	4,734	2,148	861	651	250	38	--	--	--	--	391,487
Mockernut hickory	168,938	63,329	23,966	12,032	7,536	4,223	2,749	1,323	466	201	38	--	--	--	--	284,801
Red hickory	1,386	475	113	38	38	--	38	--	--	--	--	--	--	--	--	2,089
Group subtotal	612,276	220,732	105,349	61,217	38,570	21,545	12,834	6,303	3,282	1,315	685	245	82	--	--	1,084,434
Hard maple																
Black maple	--	--	--	--	43	--	--	--	--	--	--	--	--	--	--	43
Sugar maple	153,561	40,602	18,690	9,747	5,732	3,062	1,308	1,095	357	96	211	82	--	--	--	234,540
Group subtotal	153,561	40,602	18,690	9,747	5,775	3,062	1,308	1,095	357	96	211	82	--	--	--	234,540
Soft maple																
Red maple	149,653	26,868	4,883	1,927	506	728	130	38	74	125	92	43	--	--	--	185,066
Silver maple	17,715	6,216	5,773	3,879	3,284	2,249	1,936	1,078	921	595	928	185	263	43	--	45,065
Group subtotal	167,368	33,084	10,656	5,807	3,790	2,977	2,066	1,116	994	719	1,020	228	263	43	--	230,131
Beech																
American beech	1,012	--	27	72	27	--	43	43	43	81	27	--	--	--	--	1,376
Group subtotal	1,012	--	27	72	27	--	43	43	43	81	27	--	--	--	--	1,376
Sweetgum																
Sweetgum	6,188	4,309	2,721	981	446	415	112	38	18	97	35	--	--	--	--	15,359
Group subtotal	6,188	4,309	2,721	981	446	415	112	38	18	97	35	--	--	--	--	15,359
Tupelo and blackgum																
Water tupelo	--	--	124	44	44	88	265	132	132	--	44	--	--	--	--	874
Blackgum	152,387	35,862	11,869	4,093	2,066	971	609	253	194	95	136	38	--	--	--	208,571
Group subtotal	152,387	35,862	11,993	4,137	2,111	1,059	873	385	327	95	180	38	--	--	--	209,446
Ash																
White ash	105,047	38,172	14,414	7,990	5,053	2,521	2,487	1,086	681	344	148	38	--	--	--	177,979
Green ash	65,342	19,384	6,883	4,284	3,426	1,949	1,342	528	500	240	227	80	--	--	--	104,183
Pumpkin ash	--	--	--	44	--	44	44	--	88	44	--	--	--	--	--	265
Blue ash	2,791	2,556	927	519	356	96	162	--	--	--	38	43	--	--	--	7,487
Group subtotal	173,180	60,112	22,223	12,836	8,834	4,611	4,034	1,613	1,269	628	413	162	--	--	--	289,914

(Table 10 continued on next page)

(Table 10 continued)

Species group/Species	Diameter class(inches)															Total
	1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-24.9	25.0-28.9	29.0-32.9	33.0-36.9	37.0+	
Cottonwood and aspen																
Eastern cottonwood	1,430	782	614	1,124	537	642	345	450	451	370	715	79	149	80	183	7,948
Group subtotal	1,430	782	614	1,124	537	642	345	450	451	370	715	79	149	80	183	7,948
Basswood																
American basswood	4,098	446	637	602	677	321	306	227	76	72	109	--	44	--	--	7,615
Group subtotal	4,098	446	637	602	677	321	306	227	76	72	109	--	44	--	--	7,615
Yellow-poplar																
Yellow-poplar	2,161	540	438	198	117	114	--	78	72	54	43	--	--	--	--	3,816
Group subtotal	2,161	540	438	198	117	114	--	78	72	54	43	--	--	--	--	3,816
Black walnut																
Black walnut	37,331	17,969	15,436	12,083	9,732	7,929	6,069	4,208	1,809	1,331	735	180	36	81	--	114,927
Group subtotal	37,331	17,969	15,436	12,083	9,732	7,929	6,069	4,208	1,809	1,331	735	180	36	81	--	114,927
Other eastern soft hardwoods																
Boxelder	33,269	14,794	5,196	3,586	2,207	934	522	213	279	34	82	--	--	--	--	61,114
Ohio buckeye	23,768	4,233	1,292	537	54	176	--	--	--	--	--	--	--	--	--	30,061
River birch	2,782	1,451	1,138	747	728	412	352	248	43	--	--	--	--	37	--	7,937
Northern catalpa	--	--	42	42	78	--	--	--	--	--	--	--	--	--	--	162
Sugarberry	5,619	1,008	185	310	35	--	78	--	--	--	35	--	--	--	--	7,270
Hackberry	150,837	44,996	19,551	11,385	7,050	4,300	2,770	1,729	676	615	346	234	36	37	--	244,560
Butternut	445	--	--	73	39	--	18	72	--	--	--	--	--	--	--	647
Cucumbertree	--	--	45	--	--	--	--	--	--	--	--	--	--	--	--	45
American sycamore	6,698	2,059	3,679	3,066	2,345	1,443	1,232	1,428	1,144	881	795	454	87	75	--	25,386
Black cherry	78,047	26,375	12,798	6,285	3,160	1,448	736	363	177	--	81	--	--	--	--	129,469
Black willow	11,018	3,713	3,191	2,366	1,477	933	304	112	333	162	91	136	--	--	--	23,835
Sassafras	184,084	39,325	8,723	2,417	1,251	414	196	39	--	37	--	--	--	--	--	236,485
Winged elm	150,946	30,400	8,791	2,658	615	202	271	--	18	--	--	--	--	--	--	193,900
American elm	206,646	81,850	41,057	19,405	8,659	4,623	1,850	968	562	356	114	37	--	45	--	366,171
Siberian elm	--	--	--	78	--	36	--	--	--	--	--	--	38	--	--	152
Slippery elm	98,571	34,630	12,143	6,425	2,181	966	373	319	199	55	18	--	--	--	--	155,879
Group subtotal	952,730	284,832	117,830	59,378	29,879	15,886	8,701	5,490	3,431	2,140	1,561	860	161	194	--	1,483,072

(Table 10 continued on next page)

(Table 10 continued)

Species group/Species	Diameter class(inches)														Total	
	1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-24.9	25.0-28.9	29.0-32.9	33.0-36.9		37.0+
Other eastern hard hardwoods																
Flowering dogwood	415,463	72,879	5,446	343	--	--	--	--	--	--	--	--	--	--	494,130	
Common persimmon	67,142	20,558	6,145	1,740	725	237	--	--	--	--	--	--	--	--	96,546	
Honeylocust	28,638	19,407	9,438	8,015	5,953	4,229	2,625	1,352	916	445	349	113	118	--	81,599	
Kentucky coffeetree	560	475	376	220	423	308	153	39	37	--	--	--	--	--	2,591	
Mulberry spp.	--	--	--	--	--	36	--	--	--	--	--	--	--	--	36	
White mulberry	3,581	1,495	684	430	202	72	--	--	--	--	--	--	--	--	6,463	
Red mulberry	50,051	20,585	8,638	4,756	2,702	963	460	419	188	150	174	73	--	--	89,159	
Black locust	4,736	4,972	3,045	2,266	1,449	833	357	293	109	72	48	--	--	--	18,179	
Group subtotal	570,170	140,371	33,771	17,769	11,454	6,678	3,594	2,103	1,249	667	571	186	118	--	788,702	
Eastern noncommercial hardwoods																
Ailanthus	1,501	475	107	37	35	35	--	--	--	--	--	--	--	--	2,190	
Mimosa, silktree	--	--	219	--	35	--	--	--	--	--	--	--	--	--	254	
Serviceberry spp.	35,655	3,212	794	38	38	--	--	--	--	--	--	--	--	--	39,737	
Common serviceberry	5,452	1,618	95	--	--	--	--	--	--	--	--	--	--	--	7,165	
Pawpaw	36,792	1,892	37	--	--	--	--	--	--	--	--	--	--	--	38,721	
Chittamwood, gum bumelia	11,783	4,065	726	235	56	--	--	--	--	--	--	--	--	--	16,866	
American hornbeam, musclewood	22,317	4,344	290	--	--	--	--	--	--	--	--	--	--	--	26,951	
Chestnut spp.	475	--	--	--	--	--	--	--	--	--	--	--	--	--	475	
Eastern redbud	117,624	25,443	3,741	1,018	147	43	38	--	--	--	--	--	--	--	148,054	
Hawthorn spp.	9,229	540	73	--	--	--	--	--	--	--	--	--	--	--	9,842	
Downy hawthorn	--	--	36	--	--	--	--	--	--	--	--	--	--	--	36	
Persimmon spp.	475	--	--	--	--	--	--	--	--	--	--	--	--	--	475	
Osage-orange	34,827	19,007	14,855	8,399	3,780	2,470	1,480	530	451	118	147	37	37	--	86,138	
Apple spp.	1,346	488	--	--	--	--	--	--	--	--	--	--	--	--	1,833	
Eastern hophornbeam	142,478	15,825	1,347	268	85	72	--	--	--	--	--	--	--	--	160,075	
Cherry and plum spp.	423	--	--	--	--	--	--	--	--	--	--	--	--	--	423	
American plum	32,824	--	184	--	--	--	--	--	--	--	--	--	--	--	33,008	
Peachleaf willow	389	--	--	--	--	--	--	--	--	--	--	--	--	--	389	
Coastal plain willow	3,042	1,739	38	--	--	--	--	--	--	--	--	--	--	--	4,819	
Smoketree	3,226	870	56	53	--	--	--	--	--	--	--	--	--	--	4,205	
Other or unknown live tree	--	--	37	--	--	--	--	--	--	--	--	--	--	--	37	
Group subtotal	459,855	79,517	22,634	10,047	4,177	2,621	1,519	530	451	118	147	37	37	--	581,691	
All hardwoods	4,064,798	1,344,784	638,993	424,755	294,807	199,790	131,594	80,631	46,573	25,439	21,442	6,552	2,508	812	283	7,283,762
All species group	4,500,732	1,561,624	753,348	494,055	334,990	221,049	143,738	85,708	48,265	26,309	21,755	6,611	2,508	812	283	8,201,787

All table cells without observations in the inventory sample are indicated by --.
Table value of 0 indicates the number of trees rounds to less than 1,000 trees. Columns and rows may not add to their totals due to rounding.

Table MO-11.—Number of growing-stock trees (at least 5 inches d.b.h.), in thousand trees, on timberland by species group, species, and diameter class, Missouri, 2013

Species group/Species	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-24.9	25.0-28.9	29.0-32.9	33.0-36.9	37.0+	Total
Softwood species group														
Eastern softwood species groups														
Loblolly and shortleaf pines														
Shortleaf pine	17,186	17,813	16,399	11,865	7,910	3,736	1,270	744	204	59	--	--	--	77,186
Group subtotal	17,186	17,813	16,399	11,865	7,910	3,736	1,270	744	204	59	--	--	--	77,186
Eastern white and red pines														
Eastern white pine	179	178	--	135	179	54	43	--	--	--	--	--	--	769
Group subtotal	179	178	--	135	179	54	43	--	--	--	--	--	--	769
Other eastern softwoods														
Eastern redcedar	51,475	22,140	6,958	1,824	323	57	43	--	--	--	--	--	--	82,820
Group subtotal	51,475	22,140	6,958	1,824	323	57	43	--	--	--	--	--	--	82,820
All softwoods	68,840	40,131	23,357	13,824	8,411	3,848	1,357	744	204	59	--	--	--	160,775
Hardwood species groups														
Eastern hardwood species groups														
Select white oaks														
White oak	75,525	60,878	50,744	38,825	27,869	17,570	9,413	4,981	3,691	1,072	322	--	--	290,890
Swamp white oak	1,045	796	524	626	318	246	367	99	80	--	43	--	--	4,145
Bur oak	1,224	575	625	432	600	411	130	116	233	74	--	--	--	4,420
Swamp chestnut oak	38	48	--	--	--	--	--	--	36	--	--	--	--	122
Chinkapin oak	5,247	4,230	3,237	2,460	1,677	997	537	276	198	86	--	--	--	18,945
Group subtotal	83,078	66,529	55,131	42,342	30,464	19,224	10,448	5,472	4,237	1,233	365	--	--	318,523
Select red oaks														
Cherrybark oak	262	150	146	159	36	36	--	--	--	--	--	--	--	790
Northern red oak	8,693	8,094	6,728	5,708	4,851	3,693	2,769	1,677	1,699	399	111	115	--	44,537
Shumard oak	3,117	2,086	1,331	782	604	407	393	160	--	131	43	--	--	9,055
Group subtotal	12,072	10,330	8,205	6,650	5,491	4,136	3,163	1,837	1,699	530	155	115	--	54,382
Other white oaks														
Post oak	55,939	50,320	36,982	22,158	11,943	6,622	2,846	812	810	45	38	--	--	188,514
Group subtotal	55,939	50,320	36,982	22,158	11,943	6,622	2,846	812	810	45	38	--	--	188,514
Other red oaks														
Scarlet oak	7,638	8,284	7,419	5,404	3,998	2,442	1,458	446	469	73	18	--	--	37,647
Southern red oak	2,228	1,533	1,314	788	571	420	299	73	136	36	--	--	--	7,398
Shingle oak	6,892	4,290	3,596	2,114	1,221	504	495	369	398	80	--	--	--	19,959
Blackjack oak	4,857	2,911	993	996	493	423	76	38	38	--	--	--	--	10,825
Water oak	48	48	--	--	--	--	--	--	--	--	--	--	--	97
Nuttall oak	--	48	--	--	--	48	--	--	--	--	--	--	--	97
Pin oak	2,836	2,533	1,750	1,949	1,493	1,090	516	486	376	43	89	--	--	13,160
Willow oak	--	--	--	--	36	--	--	--	--	--	--	--	--	36
Black oak	42,847	39,061	34,592	27,194	18,978	12,364	6,347	3,311	2,761	591	37	38	--	188,120
Group subtotal	67,346	58,710	49,662	38,445	26,789	17,291	9,191	4,722	4,178	822	144	38	--	277,339

(Table 11 continued on next page)

(Table 11 continued)

Species group/Species	5.0- 6.9	7.0- 8.9	9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 24.9	25.0- 28.9	29.0- 32.9	33.0- 36.9	37.0+	Total
Hickory														
Bitternut hickory	9,624	7,026	4,502	2,188	1,578	980	386	80	118	38	--	--	--	26,521
Pignut hickory	9,003	5,906	4,055	2,529	1,569	494	517	157	82	--	--	--	--	24,312
Pecan	971	469	360	292	334	268	37	36	36	45	--	--	--	2,847
Shellbark hickory	500	719	405	407	196	--	--	36	108	72	--	--	--	2,442
Shagbark hickory	20,789	14,156	9,962	5,583	3,591	1,551	913	348	193	45	--	--	--	57,130
Black hickory	23,563	13,187	7,299	4,024	1,646	655	596	119	38	--	--	--	--	51,126
Mockernut hickory	19,393	10,128	6,635	3,592	2,203	1,089	466	163	38	--	--	--	--	43,708
Red hickory	113	38	38	--	38	--	--	--	--	--	--	--	--	227
Group subtotal	83,956	51,631	33,255	18,614	11,154	5,036	2,916	938	613	200	--	--	--	208,313
Hard maple														
Black maple	--	--	43	--	--	--	--	--	--	--	--	--	--	43
Sugar maple	13,591	7,582	4,446	2,265	812	894	339	96	81	--	--	--	--	30,106
Group subtotal	13,591	7,582	4,490	2,265	812	894	339	96	81	--	--	--	--	30,149
Soft maple														
Red maple	2,748	1,105	353	165	43	--	74	125	43	43	--	--	--	4,699
Silver maple	4,099	2,722	2,199	1,473	1,225	421	772	362	705	112	187	43	--	14,318
Group subtotal	6,846	3,827	2,552	1,638	1,268	421	845	487	748	155	187	43	--	19,017
Beech														
American beech	27	72	--	--	43	43	--	81	27	--	--	--	--	294
Group subtotal	27	72	--	--	43	43	--	81	27	--	--	--	--	294
Sweetgum														
Sweetgum	1,833	634	295	178	76	37	18	62	--	--	--	--	--	3,134
Group subtotal	1,833	634	295	178	76	37	18	62	--	--	--	--	--	3,134
Tupelo and blackgum														
Water tupelo	80	44	--	88	265	132	132	--	44	--	--	--	--	786
Blackgum	9,539	3,687	1,900	858	536	234	133	56	56	38	--	--	--	17,038
Group subtotal	9,619	3,732	1,900	947	801	367	265	56	101	38	--	--	--	17,825
Ash														
White ash	8,291	4,368	3,383	1,386	1,474	837	565	227	148	--	--	--	--	20,680
Green ash	4,671	2,872	2,528	1,355	1,195	394	427	197	155	43	--	--	--	13,838
Pumpkin ash	--	44	--	44	44	--	88	44	--	--	--	--	--	265
Blue ash	432	321	207	38	125	--	--	--	--	43	--	--	--	1,166
Group subtotal	13,394	7,605	6,118	2,823	2,839	1,232	1,080	469	303	87	--	--	--	35,949

(Table 11 continued on next page)

(Table 11 continued)

Species group/Species	5.0- 6.9	7.0- 8.9	9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 24.9	25.0- 28.9	29.0- 32.9	33.0- 36.9	37.0+ 37.0+	Total
Cottonwood and aspen														
Eastern cottonwood	301	728	385	431	345	363	333	370	715	78	149	80	147	4,426
Group subtotal	301	728	385	431	345	363	333	370	715	78	149	80	147	4,426
Basswood														
American basswood	469	254	553	259	306	117	76	37	73	--	--	--	--	2,143
Group subtotal	469	254	553	259	306	117	76	37	73	--	--	--	--	2,143
Yellow-poplar														
Yellow-poplar	375	198	117	43	--	43	45	--	43	--	--	--	--	865
Group subtotal	375	198	117	43	--	43	45	--	43	--	--	--	--	865
Black walnut														
Black walnut	8,357	7,213	6,847	5,216	4,291	3,025	1,496	1,059	540	63	--	--	--	38,107
Group subtotal	8,357	7,213	6,847	5,216	4,291	3,025	1,496	1,059	540	63	--	--	--	38,107
Other eastern soft hardwoods														
Boxelder	1,564	1,093	388	276	160	67	36	--	38	--	--	--	--	3,622
Ohio buckeye	280	352	36	121	--	--	--	--	--	--	--	--	--	790
River birch	954	342	478	332	315	211	43	--	--	--	--	--	--	2,675
Sugarberry	80	80	--	--	35	--	--	--	--	--	--	--	--	195
Hackberry	11,622	7,589	4,993	2,915	1,892	1,381	560	426	273	153	--	--	--	31,805
Butternut	--	37	--	--	--	72	--	--	--	--	--	--	--	110
Cucumber tree	45	--	--	--	--	--	--	--	--	--	--	--	--	45
American sycamore	2,670	2,499	2,000	1,184	1,081	1,339	969	881	795	417	87	75	--	13,997
Black cherry	6,719	3,382	1,772	681	345	327	93	--	81	--	--	--	--	13,400
Black willow	2,011	1,656	976	728	231	35	127	162	91	45	--	--	--	6,063
Sassafras	4,305	874	590	231	177	39	--	--	--	--	--	--	--	6,217
Winged elm	5,728	1,897	512	202	233	--	18	--	--	--	--	--	--	8,589
American elm	16,399	9,089	4,343	2,088	927	492	248	230	--	--	--	--	--	33,815
Siberian elm	--	43	--	--	--	--	--	--	--	--	--	--	--	43
Slippery elm	7,070	4,274	1,671	644	259	300	154	55	18	--	--	--	--	14,445
Group subtotal	59,448	33,207	17,757	9,403	5,655	4,263	2,248	1,755	1,295	616	87	75	--	135,810
Other eastern hard hardwoods														
Flowering dogwood	743	--	--	--	--	--	--	--	--	--	--	--	--	743
Common persimmon	4,021	1,088	459	154	--	--	--	--	--	--	--	--	--	5,723
Honeylocust	3,916	3,406	2,814	1,958	1,346	526	335	109	206	--	45	--	--	14,660
Kentucky coffeetree	149	101	238	232	153	--	--	--	--	--	--	--	--	873
White mulberry	87	44	43	--	--	--	--	--	--	--	--	--	--	174
Red mulberry	1,021	629	289	39	--	87	--	--	--	--	--	--	--	2,065
Black locust	1,828	1,539	849	616	321	245	109	72	--	--	--	--	--	5,579
Group subtotal	11,765	6,807	4,692	3,000	1,819	858	443	181	206	--	45	--	--	29,816
All hardwoods	428,415	309,378	228,942	154,412	104,097	63,973	35,754	18,432	15,669	3,866	1,168	351	147	1,364,605
All species group	497,255	349,509	252,299	168,236	112,509	67,821	37,110	19,177	15,873	3,926	1,168	351	147	1,525,380

All table cells without observations in the inventory sample are indicated by --.

Table value of 0 indicates the number of trees rounds to less than 1,000 trees.

Columns and rows may not add to their totals due to rounding.

Table MO-12.—Net volume of live trees (at least 5 inches d.b.h./d.r.c.), in million cubic feet, by owner class and forest-land status, Missouri, 2013

Owner class	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
Forest Service							
National forest	2,108.7	9.2	2,118.0	156.6	--	156.6	2,274.6
Other Federal							
National Park Service	--	--	--	91.1	--	91.1	91.1
Fish and Wildlife Service	--	--	--	49.6	--	49.6	49.6
Department of Defense or Energy	252.1	2.2	254.3	7.4	--	7.4	261.7
Other Federal	40.8	--	40.8	--	--	--	40.8
State and local government							
State	871.2	2.1	873.3	219.9	--	219.9	1,093.2
Local (county, municipal, etc.)	147.5	--	147.5	--	--	--	147.5
Private							
Undifferentiated private	16,853.8	167.9	17,021.7	--	--	--	17,021.7
All owners	20,274.1	181.4	20,455.5	524.6	--	524.6	20,980.1

All table cells without observations in the inventory sample are indicated by --.
 Table value of 0.0 indicates the volume rounds to less than 100,000 cubic feet.
 Columns and rows may not add to their totals due to rounding.

Table MO-13.—Net volume of live trees (at least 5 inches d.b.h./d.r.c.), in million cubic feet, on forest land by forest-type group and stand-size class, Missouri, 2013

Forest-type group	Large diameter	Medium diameter	Small diameter	Nonstocked	All size classes
White / red / jack pine group	8.3	--	--	--	8.3
Loblolly / shortleaf pine group	489.1	53.9	0.9	--	544.0
Other eastern softwoods group	65.8	152.6	32.1	--	250.5
Oak / pine group	704.9	318.4	25.4	--	1048.7
Oak / hickory group	12,729.8	3,786.3	219.8	--	16,735.9
Oak / gum / cypress group	188.1	23.9	--	--	212.0
Elm / ash / cottonwood group	1717.8	316.5	25.2	--	2,059.4
Maple / beech / birch group	101.9	4.7	4.9	--	111.5
Other hardwoods group	--	--	6.4	--	6.4
Exotic hardwoods group	--	--	1.1	--	1.4
Nonstocked	--	--	--	2.2	2.2
All forest-type groups	16,005.7	4,656.4	315.8	2.2	20,980.1

All table cells without observations in the inventory sample are indicated by --.
 Table value of 0.0 indicates the acres round to less than 100,000 cubic feet.
 Columns and rows may not add to their totals due to rounding.

Table MO-14.—Net volume of live trees (at least 5 inches d.b.h./d.r.c), in million cubic feet, on forest land by species group, species, and ownership group, Missouri, 2013

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Softwood species group					
Eastern softwood species groups					
Loblolly and shortleaf pines					
Shortleaf pine	473.6	8.5	64.9	405.9	952.9
Group subtotal	473.6	8.5	64.9	405.9	952.9
Other yellow pines					
Scotch pine	--	--	--	0.1	0.1
Virginia pine	--	--	--	0.1	0.1
Group subtotal	--	--	--	0.2	0.2
Eastern white and red pines					
Eastern white pine	--	--	6.7	4.2	11.0
Group subtotal	--	--	6.7	4.2	11.0
Other eastern softwoods					
Eastern redcedar	46.3	13.9	13.4	673.5	747.1
Group subtotal	46.3	13.9	13.4	673.5	747.1
All softwoods	519.9	22.4	85.1	1,083.9	1,711.2

(Table 14 continued on next page)

(Table 14 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Hardwood species groups					
Eastern hardwood species groups					
Select white oaks					
White oak	598.1	78.4	259.1	3,189.9	4,125.7
Swamp white oak	2.0	0.1	--	85.8	87.9
Bur oak	0.1	7.1	8.4	127.9	143.5
Swamp chestnut oak	--	--	2.8	0.3	3.1
Chinkapin oak	16.9	17.2	23.9	347.4	405.5
Group subtotal	617.1	102.9	294.2	3,751.4	4,765.6
Select red oaks					
Cherrybark oak	--	--	2.5	8.4	10.9
Northern red oak	88.5	20.7	59.1	820.4	988.7
Shumard oak	13.8	5.7	1.6	122.6	143.7
Group subtotal	102.4	26.4	63.3	951.3	1,143.3
Other white oaks					
Overcup oak	--	11.6	--	--	11.6
Post oak	157.1	23.3	72.1	1,855.1	2,107.5
Group subtotal	157.1	34.8	72.1	1,855.1	2,119.1
Other red oaks					
Scarlet oak	204.0	11.9	53.5	277.6	547.1
Southern red oak	13.4	--	13.0	71.5	97.9
Shingle oak	2.6	11.6	9.8	254.4	278.4
Blackjack oak	5.4	2.3	4.2	147.1	159.0
Water oak	--	--	--	0.3	0.3
Nuttall oak	--	--	--	1.6	1.6
Pin oak	3.0	21.3	32.8	218.8	275.9
Willow oak	--	6.7	0.8	--	7.5
Black oak	364.2	27.7	165.4	2,313.4	2,870.7
Group subtotal	592.6	81.6	279.4	3,284.8	4,238.4

(Table 14 continued on next page)

(Table 14 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Hickory					
Bitternut hickory	9.1	16.1	9.4	263.0	297.6
Pignut hickory	31.6	7.3	17.7	177.4	233.9
Pecan	--	--	5.5	48.9	54.4
Shellbark hickory	--	1.9	12.6	27.0	41.5
Shagbark hickory	5.5	7.4	22.9	545.6	581.4
Black hickory	46.1	5.1	19.5	339.6	410.3
Mockernut hickory	47.9	6.2	21.7	305.3	381.1
Red hickory	0.1	--	--	1.6	1.7
Group subtotal	140.3	44.0	109.3	1,708.4	2,001.9
Hard maple					
Black maple	--	--	--	0.5	0.5
Sugar maple	19.4	2.3	10.7	274.3	306.7
Group subtotal	19.4	2.3	10.7	274.8	307.2
Soft maple					
Red maple	4.8	1.7	3.8	50.3	60.5
Silver maple	1.1	6.8	52.7	325.4	386.1
Group subtotal	5.9	8.5	56.4	375.7	446.6
Beech					
American beech	--	--	2.2	8.1	10.3
Group subtotal	--	--	2.2	8.1	10.3
Sweetgum					
Sweetgum	2.1	8.9	4.4	15.5	31.0
Group subtotal	2.1	8.9	4.4	15.5	31.0
Tupelo and blackgum					
Water tupelo	--	--	0.1	22.4	22.6
Blackgum	23.6	0.7	5.2	83.9	113.5
Group subtotal	23.6	0.7	5.3	106.4	136.0
Ash					
White ash	9.3	5.2	6.6	254.0	275.2
Green ash	1.8	4.6	12.2	177.6	196.2
Pumpkin ash	--	--	--	8.5	8.5
Blue ash	0.9	--	0.4	14.7	16.0
Group subtotal	12.0	9.8	19.2	454.8	495.9

(Table 14 continued on next page)

(Table 14 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Cottonwood and aspen					
Eastern cottonwood	--	14.7	63.5	182.6	260.8
Group subtotal	--	14.7	63.5	182.6	260.8
Basswood					
American basswood	3.6	3.5	--	42.4	49.5
Group subtotal	3.6	3.5	--	42.4	49.5
Yellow-poplar					
Yellow-poplar	--	--	7.5	13.1	20.6
Group subtotal	--	--	7.5	13.1	20.6
Black walnut					
Black walnut	17.4	20.6	44.5	617.2	699.7
Group subtotal	17.4	20.6	44.5	617.2	699.7
Other eastern soft hardwoods					
Boxelder	0.1	2.2	12.1	66.2	80.6
Ohio buckeye	0.7	--	0.2	5.9	6.8
River birch	--	0.5	0.9	35.2	36.6
Northern catalpa	--	--	--	0.8	0.8
Sugarberry	--	0.3	3.4	1.6	5.2
Hackberry	1.3	1.4	15.1	393.4	411.2
Butternut	0.3	0.2	--	2.4	2.8
Cucumbertree	--	--	--	0.1	0.1
American sycamore	20.6	25.9	13.4	393.9	453.8
Black cherry	9.2	1.2	0.6	115.7	126.7
Black willow	--	2.8	16.8	76.1	95.8
Sassafras	2.3	0.8	0.9	40.7	44.8
Winged elm	5.0	0.7	2.0	31.8	39.5
American elm	4.4	11.4	13.5	351.2	380.5
Siberian elm	--	--	--	4.3	4.3
Slippery elm	9.3	2.2	7.4	86.8	105.7
Group subtotal	53.1	49.7	86.5	1,605.9	1,795.2

(Table 14 continued on next page)

(Table 14 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Other eastern hard hardwoods					
Flowering dogwood	1.4	0.1	0.5	7.2	9.2
Common persimmon	0.6	0.7	1.6	23.3	26.2
Honeylocust	1.5	5.9	13.1	304.6	325.0
Kentucky coffeetree	--	--	1.1	13.6	14.7
Mulberry spp.	--	--	0.6	--	0.6
White mulberry	--	0.3	0.2	4.6	5.0
Red mulberry	1.3	1.2	10.3	89.9	102.7
Black locust	1.6	2.8	5.6	56.2	66.1
Group subtotal	6.3	10.9	33.0	499.3	549.6
Eastern noncommercial hardwoods					
Ailanthus	--	--	--	1.0	1.0
Mimosa, silktree	--	--	0.2	0.4	0.7
Serviceberry spp.	0.1	0.0	0.1	1.1	1.4
Common serviceberry	0.0	--	--	0.1	0.1
Pawpaw	--	--	--	0.1	0.1
Chittamwood, gum bumelia	0.6	0.1	--	1.5	2.1
American hornbeam, musclewood	0.1	--	--	0.4	0.5
Eastern redbud	0.3	0.8	0.4	9.8	11.3
Hawthorn spp.	--	--	--	0.1	0.1
Downy hawthorn	--	--	0.0	--	0.0
Osage-orange	0.3	0.5	3.2	172.2	176.3
Eastern hophornbeam	0.0	0.0	0.0	4.2	4.2
American plum	--	--	--	0.2	0.2
Coastal plain willow	--	--	--	0.0	0.0
Smoketree	0.1	0.1	--	0.0	0.2
Other or unknown live tree	--	--	--	0.0	0.0
Group subtotal	1.5	1.5	4.1	191.1	198.3
All hardwoods	1,754.6	420.8	1,155.7	15,937.8	19,268.9
All species group	2,274.6	443.2	1,240.7	17,021.7	20,980.1

All table cells without observations in the inventory sample are indicated by --.

Table value of 0 indicates the number of trees rounds to less than 100,000 cubic feet.

Columns and rows may not add to their totals due to rounding.

Table MO-15.—Net volume of live trees (at least 5 inches d.b.h./d.r.c.), in million cubic feet, on forest land by species group, species, and diameter class, Missouri, 2013

Species group/Species	Diameter class (inches)												All classes	
	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-24.9	25.0-28.9	29.0-32.9	33.0-36.9		37.0+
Softwood species groups														
Eastern softwood species groups														
Loblolly and shortleaf pines														
Shortleaf pine	41	96	163	196	189	128	63	49	22	6	--	--	--	953
Group subtotal	41	96	163	196	189	128	63	49	22	6	--	--	--	953
Other yellow pines														
Scotch pine	0	--	--	--	--	--	--	--	--	--	--	--	--	0
Virginia pine	--	0	--	--	--	--	--	--	--	--	--	--	--	0
Group subtotal	0	0	--	--	--	0	--	--	--	--	--	--	--	0
Eastern white and red pines														
Eastern white pine	0	1	--	2	4	2	2	--	--	--	--	--	--	11
Group subtotal	0	1	--	2	4	2	2	--	--	--	--	--	--	11
Other eastern softwoods														
Eastern redcedar	188	206	162	95	59	24	8	2	2	--	--	--	--	747
Group subtotal	188	206	162	95	59	24	8	2	2	--	--	--	--	747
All softwoods	230	303	325	293	252	154	72	51	24	6	--	--	--	1,711

(Table 15 continued on next page)

(Table 15 continued)

Species group/Species	Diameter class (inches)												All classes	
	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-24.9	25.0-28.9	29.0-32.9	33.0-36.9		37.0+
Hardwood species groups														
Eastern hardwood species groups														
Select w hite oaks														
White oak	197	324	485	610	647	576	436	312	313	138	76	12	--	4,126
Sw amp w hite oak	3	5	6	11	8	12	19	5	6	3	10	--	--	88
Bur oak	4	5	8	9	18	15	12	9	21	24	5	--	15	143
Sw amp chestnut oak	0	0	--	--	--	--	--	--	3	--	--	--	--	3
Chinkapin oak	23	44	56	61	61	45	34	26	34	13	8	--	--	406
Group subtotal	228	378	554	690	735	647	501	352	377	178	99	12	15	4,766
Select red oaks														
Cherrybark oak	1	1	1	2	1	1	4	--	--	--	--	--	--	11
Northern red oak	27	53	74	98	119	129	132	98	140	53	41	24	--	989
Shumard oak	10	14	17	15	17	16	18	10	4	17	6	--	--	144
Group subtotal	38	67	93	115	137	146	154	108	143	70	48	24	--	1,143
Other w hite oaks														
Overcup oak	0	1	1	2	3	--	--	--	--	--	3	--	--	12
Post oak	151	280	357	362	310	240	165	87	107	24	14	13	--	2,108
Group subtotal	151	281	358	364	313	240	165	87	107	24	17	13	--	2,119
Other red oaks														
Scarlet oak	20	48	74	87	98	81	66	27	36	8	3	--	--	547
Southern red oak	6	9	12	12	13	14	13	5	10	5	--	--	--	98
Shingle oak	21	27	37	38	28	20	22	24	34	22	--	6	--	278
Blackjack oak	21	26	24	24	24	22	11	6	2	--	--	--	--	159
Water oak	0	0	--	--	--	--	--	--	--	--	--	--	--	0
Texas red oak	--	0	--	--	--	1	--	--	--	--	--	--	--	2
Pin oak	8	15	18	33	37	39	25	30	39	14	19	--	--	276
Willow oak	1	0	0	--	2	--	2	2	--	--	--	--	--	7
Black oak	113	220	343	435	446	420	299	223	244	104	9	13	3	2,871
Group subtotal	189	344	510	628	647	597	437	317	364	152	31	18	3	4,238
Hickory														
Bitternut hickory	28	43	51	44	42	41	23	11	12	4	--	--	--	298
Pignut hickory	23	31	39	42	39	20	25	10	7	--	--	--	--	234
Pecan	3	3	3	5	9	12	2	3	3	10	--	--	--	54
Shellbark hickory	2	4	4	7	5	--	--	2	9	9	--	--	--	42
Shagbark hickory	55	80	102	94	89	61	46	23	18	5	10	--	--	581
Black hickory	61	75	80	72	49	28	28	13	3	--	--	--	--	410
Mockernut hickory	51	59	70	63	61	43	20	12	3	--	--	--	--	381
Red hickory	0	0	0	--	1	--	--	--	--	--	--	--	--	2
Group subtotal	222	295	350	326	294	205	144	74	55	27	10	--	--	2,002

(Table 15 continued on next page)

(Table 15 continued)

Species group/Species	Diameter class (inches)												All classes	
	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-24.9	25.0-28.9	29.0-32.9	33.0-36.9		37.0+
Hard maple														
Black maple	--	--	0	--	--	--	--	--	--	--	--	--	--	0
Sugar maple	43	51	55	47	30	36	17	6	15	7	--	--	--	307
Group subtotal	43	51	56	47	30	36	17	6	15	7	--	--	--	307
Soft maple														
Red maple	11	9	4	10	3	1	4	7	6	5	--	--	--	60
Silver maple	14	21	32	33	45	31	40	33	72	20	37	8	--	386
Group subtotal	24	30	36	43	48	32	44	40	79	25	37	8	--	447
Beech														
American beech	0	0	0	--	1	1	1	4	2	--	--	--	--	10
Group subtotal	0	0	0	--	1	1	1	4	2	--	--	--	--	10
Sweetgum														
Sweetgum	5	5	4	6	2	1	1	4	3	--	--	--	--	31
Group subtotal	5	5	4	6	2	1	1	4	3	--	--	--	--	31
Tupelo and blackgum														
Water tupelo	0	0	0	1	7	5	6	--	3	--	--	--	--	23
Blackgum	22	18	17	13	13	8	7	4	9	4	--	--	--	113
Group subtotal	22	18	17	14	19	13	13	4	12	4	--	--	--	136
Ash														
White ash	28	34	41	32	50	32	28	18	10	2	--	--	--	275
Green ash	14	20	31	29	30	16	21	12	15	8	--	--	--	196
Pumpkin ash	--	0	--	1	1	--	4	3	--	--	--	--	--	8
Blue ash	2	2	3	1	3	--	--	--	1	4	--	--	--	16
Group subtotal	44	57	74	62	84	48	53	33	27	14	--	--	--	496
Cottonwood and aspen														
Eastern cottonwood	1	6	5	10	8	16	20	23	62	10	25	19	56	261
Group subtotal	1	6	5	10	8	16	20	23	62	10	25	19	56	261
Basswood														
American basswood	1	3	6	5	7	6	3	4	9	--	5	--	--	49
Group subtotal	1	3	6	5	7	6	3	4	9	--	5	--	--	49
Yellow-poplar														
Yellow-poplar	1	1	1	2	--	3	5	4	4	--	--	--	--	21
Group subtotal	1	1	1	2	--	3	5	4	4	--	--	--	--	21
Black walnut														
Black walnut	31	52	79	101	116	113	68	64	46	16	5	10	--	700
Group subtotal	31	52	79	101	116	113	68	64	46	16	5	10	--	700

(Table 15 continued on next page)

(Table 15 continued)

Species group/Species	Diameter class (inches)												All classes	
	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-24.9	25.0-28.9	29.0-32.9	33.0-36.9		37.0+
Other eastern soft hardwoods														
Boxelder	10	15	16	11	9	6	9	1	4	--	--	--	--	81
Ohio buckeye	2	2	0	2	--	--	--	--	--	--	--	--	--	7
River birch	2	3	6	6	7	7	2	--	--	--	--	3	--	37
Northern catalpa	0	0	1	--	--	--	--	--	--	--	--	--	--	1
Sugarberry	0	1	0	--	1	--	--	--	2	--	--	--	--	5
Hackberry	37	50	56	56	53	50	27	29	24	22	4	5	--	411
Butternut	--	0	0	--	0	2	--	--	--	--	--	--	--	3
Cucumbertree	0	--	--	--	--	--	--	--	--	--	--	--	--	0
American sycamore	11	18	25	24	33	53	56	61	75	63	16	19	--	454
Black cherry	24	26	24	17	13	11	6	--	5	--	--	--	--	127
Black willow	7	11	14	14	7	3	12	9	7	12	--	--	--	96
Sassafras	15	9	9	5	4	1	--	1	--	--	--	--	--	45
Winged elm	16	11	5	3	5	--	1	--	--	--	--	--	--	40
American elm	74	77	64	55	34	25	20	18	6	3	--	6	--	380
Siberian elm	--	0	--	0	--	--	--	--	--	--	4	--	--	4
Slippery elm	22	27	17	13	7	9	7	3	1	--	--	--	--	106
Group subtotal	219	249	237	206	173	167	139	123	125	99	23	34	--	1,795
Other eastern hard hardwoods														
Flowering dogwood	8	1	--	--	--	--	--	--	--	--	--	--	--	9
Common persimmon	11	7	6	3	--	--	--	--	--	--	--	--	--	26
Honeylocust	17	33	46	52	50	34	32	19	23	7	12	--	--	325
Kentucky coffeetree	1	1	3	4	4	1	1	--	--	--	--	--	--	15
Mulberry spp.	--	--	--	1	--	--	--	--	--	--	--	--	--	1
White mulberry	1	2	1	1	--	--	--	--	--	--	--	--	--	5
Red mulberry	15	18	19	10	8	10	5	6	8	3	--	--	--	103
Black locust	6	10	12	12	8	9	5	4	2	--	--	--	--	66
Group subtotal	59	71	87	82	69	54	43	28	33	10	12	--	--	550

(Table 15 continued on next page)

(Table 15 continued)

Species group/Species	Diameter class (inches)												All classes	
	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-24.9	25.0-28.9	29.0-32.9	33.0-36.9		37.0+
Eastern noncommercial hardwoods														
Ailanthus	0	0	0	0	--	--	--	--	--	--	--	--	--	1
Mimosa, silktree	0	--	0	--	--	--	--	--	--	--	--	--	--	1
Serviceberry spp.	1	0	0	--	--	--	--	--	--	--	--	--	--	1
Common serviceberry	0	--	--	--	--	--	--	--	--	--	--	--	--	0
Paw paw	0	--	--	--	--	--	--	--	--	--	--	--	--	0
Chittamw ood, gum bumelia	1	1	0	--	--	--	--	--	--	--	--	--	--	2
American hornbeam, muscled wood	0	--	--	--	--	--	--	--	--	--	--	--	--	0
Eastern redbud	6	3	1	0	0	--	--	--	--	--	--	--	--	11
Haw thorn spp.	0	--	--	--	--	--	--	--	--	--	--	--	--	0
Dow ny haw thorn	0	--	--	--	--	--	--	--	--	--	--	--	--	0
Osage-orange	26	32	26	27	24	12	13	4	8	2	3	--	--	176
Eastern hophornbeam	2	1	1	1	--	--	--	--	--	--	--	--	--	4
American plum	0	--	--	--	--	--	--	--	--	--	--	--	--	0
Coastal plain w illow	0	--	--	--	--	--	--	--	--	--	--	--	--	0
Smoketree	0	0	--	--	--	--	--	--	--	--	--	--	--	0
Other or unknow n live tree	0	--	--	--	--	--	--	--	--	--	--	--	--	0
Group subtotal	38	37	28	28	25	12	13	4	8	2	3	--	--	198
All hardwoods	1,318	1,946	2,495	2,730	2,709	2,340	1,819	1,279	1,469	638	314	138	74	19,269
All species groups	1,548	2,249	2,820	3,023	2,962	2,494	1,892	1,331	1,493	644	314	138	74	20,980

All table cells without observations in the inventory sample are indicated by --.
Table value of 0 indicates the volume rounds to less than 1 million cubic feet.
Columns and rows may not add to their totals due to rounding.

Table MO-16.—Net volume of live trees (at least 5 inches d.b.h./d.r.c.), in million cubic feet, on forest land by forest-type group and stand origin, Missouri, 2013

Forest-type group	Stand origin		All forest land
	Natural stands	Artificial regeneration	
White / red / jack pine group	--	8.3	8.3
Loblolly / shortleaf pine group	314.5	229.5	544.0
Other eastern softwoods group	249.6	0.9	250.5
Oak / pine group	1,008.2	40.5	1,048.7
Oak / hickory group	16,706.7	29.2	16,735.9
Oak / gum / cypress group	209.1	2.9	212.0
Elm / ash / cottonwood group	2,058.1	1.4	2,059.4
Maple / beech / birch group	111.5	--	111.5
Other hardwoods group	6.4	--	6.4
Exotic hardwoods group	1.1	--	1.1
Nonstocked	2.2	--	2.2
All forest-type groups	20,667.3	312.8	20,980.1

All table cells without observations in the inventory sample are indicated by --.
Table value of 0.0 indicates the volume rounds to less than 100,000 cubic feet.
Columns and rows may not add to their totals due to rounding.

Table MO-17.—Net volume of growing-stock trees (at least 5 inches d.b.h.), in million cubic feet, on timberland by species group, species, and diameter class, Missouri, 2013

Species group/Species	Diameter class (inches)												All classes	
	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-24.9	25.0-28.9	29.0-32.9	33.0-36.9		37.0+
Softwood species groups														
Eastern softwood species groups														
Loblolly and shortleaf pines														
Shortleaf pine	40	93	156	186	181	124	57	44	15	6	--	--	--	903
Group subtotal	40	93	156	186	181	124	57	44	15	6	--	--	--	903
Eastern white and red pines														
Eastern white pine	0	1	--	2	4	2	2	--	--	--	--	--	--	11
Group subtotal	0	1	--	2	4	2	2	--	--	--	--	--	--	11
Other eastern softwoods														
Eastern redcedar	103	94	52	21	6	1	1	--	--	--	--	--	--	278
Group subtotal	103	94	52	21	6	1	1	--	--	--	--	--	--	278
All softwoods	143	187	208	210	191	126	61	44	15	6	--	--	--	1,192

(Table 17 continued on next page)

(Table 17 continued)

Species group/Species	Diameter class (inches)													All classes
	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-24.9	25.0-28.9	29.0-32.9	33.0-36.9	37.0+	
Hardwood species groups														
Eastern hardwood species groups														
Select w hite oaks														
White oak	175	298	451	552	588	519	378	255	251	106	42	--	--	3,615
Sw amp w hite oak	2	4	5	9	7	8	15	5	6	--	6	--	--	66
Bur oak	3	3	5	6	13	12	5	6	16	8	--	--	--	77
Sw amp chestnut oak	0	0	--	--	--	--	--	--	3	--	--	--	--	3
Chinkapin oak	12	21	29	35	36	28	22	14	14	9	--	--	--	217
Group subtotal	192	326	490	602	644	566	421	280	289	122	47	--	--	3,979
Select red oaks														
Cherrybark oak	1	1	1	2	1	1	--	--	--	--	--	--	--	7
Northern red oak	21	43	62	85	105	114	113	89	123	43	16	24	--	838
Shumard oak	8	10	12	11	13	12	15	9	--	14	6	--	--	110
Group subtotal	30	53	75	98	119	127	129	98	123	57	23	24	--	955
Other w hite oaks														
Post oak	123	231	296	287	232	182	104	38	52	4	5	--	--	1,554
Group subtotal	123	231	296	287	232	182	104	38	52	4	5	--	--	1,554
Other red oaks														
Scarlet oak	18	42	68	79	87	75	60	24	34	8	3	--	--	496
Southern red oak	5	7	12	11	12	13	13	4	10	5	--	--	--	92
Shingle oak	16	21	32	29	27	16	20	19	30	8	--	--	--	216
Blackjack oak	11	13	8	14	11	13	3	2	2	--	--	--	--	77
Water oak	0	0	--	--	--	--	--	--	--	--	--	--	--	0
Texas red oak	--	0	--	--	--	1	--	--	--	--	--	--	--	2
Pin oak	7	13	16	29	33	34	22	27	27	4	14	--	--	225
Willow oak	--	--	--	--	1	--	--	--	--	--	--	--	--	1
Black oak	98	194	310	390	403	369	259	173	196	61	5	7	--	2,466
Group subtotal	154	291	445	552	573	521	376	249	299	86	21	7	--	3,575
Hickory														
Bitternut hickory	21	35	42	36	37	34	19	5	9	4	--	--	--	242
Pignut hickory	20	29	38	40	38	17	25	10	7	--	--	--	--	222
Pecan	2	3	3	5	8	9	2	2	3	6	--	--	--	44
Shellbark hickory	1	4	4	6	5	--	--	2	9	9	--	--	--	40
Shagbark hickory	47	72	93	84	83	51	40	19	15	5	--	--	--	509
Black hickory	50	64	67	63	39	23	26	7	3	--	--	--	--	341
Mockernut hickory	42	52	63	55	51	36	20	10	3	--	--	--	--	331
Red hickory	0	0	0	--	1	--	--	--	--	--	--	--	--	2
Group subtotal	183	257	310	289	262	171	131	55	49	23	--	--	--	1,730
Hard maple														
Black maple	--	--	0	--	--	--	--	--	--	--	--	--	--	0
Sugar maple	33	41	44	36	20	31	16	6	6	--	--	--	--	233
Group subtotal	33	41	45	36	20	31	16	6	6	--	--	--	--	233

(Table 17 continued on next page)

(Table 17 continued)

Species group/Species	Diameter class (inches)													All classes
	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-24.9	25.0-28.9	29.0-32.9	33.0-36.9	37.0+	
Soft maple														
Red maple	6	6	3	3	1	--	4	7	3	5	--	--	--	38
Silver maple	10	15	22	24	31	14	34	21	56	13	30	8	--	277
Group subtotal	17	21	26	26	32	14	38	28	59	18	30	8	--	316
Beech														
American beech	0	0	--	--	1	1	--	4	2	--	--	--	--	9
Group subtotal	0	0	--	--	1	1	--	4	2	--	--	--	--	9
Sweetgum														
Sweetgum	3	3	2	2	2	1	1	4	--	--	--	--	--	18
Group subtotal	3	3	2	2	2	1	1	4	--	--	--	--	--	18
Tupelo and blackgum														
Water tupelo	0	0	--	1	7	5	6	--	3	--	--	--	--	22
Blackgum	18	16	16	12	12	7	5	3	4	4	--	--	--	96
Group subtotal	18	16	16	13	18	12	11	3	7	4	--	--	--	119
Ash														
White ash	18	21	30	20	33	27	24	12	10	--	--	--	--	194
Green ash	10	15	24	22	27	13	19	11	12	5	--	--	--	157
Pumpkin ash	--	0	--	1	1	--	4	3	--	--	--	--	--	8
Blue ash	1	1	2	0	3	--	--	--	--	4	--	--	--	12
Group subtotal	29	37	56	42	64	40	46	26	22	9	--	--	--	372
Cottonwood and aspen														
Eastern cottonwood	1	4	4	7	8	13	15	23	62	10	25	19	47	238
Group subtotal	1	4	4	7	8	13	15	23	62	10	25	19	47	238
Basswood														
American basswood	1	1	5	4	7	4	3	2	7	--	--	--	--	34
Group subtotal	1	1	5	4	7	4	3	2	7	--	--	--	--	34
Yellow-poplar														
Yellow-poplar	1	1	1	1	--	2	3	--	4	--	--	--	--	13
Group subtotal	1	1	1	1	--	2	3	--	4	--	--	--	--	13
Black walnut														
Black walnut	18	34	59	72	88	88	59	54	38	7	--	--	--	516
Group subtotal	18	34	59	72	88	88	59	54	38	7	--	--	--	516

(Table 17 continued on next page)

(Table 17 continued)

Species group/Species	Diameter class (inches)												All classes	
	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-24.9	25.0-28.9	29.0-32.9	33.0-36.9		37.0+
Other eastern soft hardwoods														
Boxelder	3	5	3	4	4	2	2	--	2	--	--	--	--	26
Ohio buckeye	1	1	0	2	--	--	--	--	--	--	--	--	--	4
River birch	2	2	4	5	7	7	2	--	--	--	--	--	--	27
Sugarberry	0	0	--	--	1	--	--	--	--	--	--	--	--	1
Hackberry	24	35	42	41	39	42	23	22	20	16	--	--	--	305
Butternut	--	0	--	--	--	2	--	--	--	--	--	--	--	2
Cucumbertree	0	--	--	--	--	--	--	--	--	--	--	--	--	0
American sycamore	8	15	22	21	30	50	50	61	75	59	16	19	--	427
Black cherry	13	15	15	9	7	10	3	--	5	--	--	--	--	77
Black willow	5	8	10	11	6	2	6	9	7	5	--	--	--	68
Sassafras	8	4	5	3	3	1	--	--	--	--	--	--	--	24
Winged elm	11	8	4	3	5	--	1	--	--	--	--	--	--	31
American elm	33	41	36	28	19	14	10	13	--	--	--	--	--	195
Siberian elm	--	0	--	--	--	--	--	--	--	--	--	--	--	0
Slippery elm	14	19	14	9	5	9	6	3	1	--	--	--	--	81
Group subtotal	122	154	155	135	125	139	102	108	112	80	16	19	--	1,268
Other eastern hard hardwoods														
Flowering dogwood	1	--	--	--	--	--	--	--	--	--	--	--	--	1
Common persimmon	7	4	4	2	--	--	--	--	--	--	--	--	--	18
Honeylocust	8	15	24	27	29	16	15	6	16	--	7	--	--	163
Kentucky coffeetree	0	0	2	3	4	--	--	--	--	--	--	--	--	10
White mulberry	0	0	0	--	--	--	--	--	--	--	--	--	--	1
Red mulberry	2	3	2	1	--	3	--	--	--	--	--	--	--	11
Black locust	4	7	8	9	7	8	5	4	--	--	--	--	--	51
Group subtotal	23	30	40	42	40	26	20	10	16	--	7	--	--	254
All hardwoods	948	1,502	2,023	2,211	2,235	1,937	1,475	987	1,146	420	174	78	47	15,183
All species groups	1,091	1,689	2,231	2,420	2,427	2,063	1,536	1,032	1,161	426	174	78	47	16,375

All table cells without observations in the inventory sample are indicated by --.
Table value of 0 indicates the volume rounds to less than 1 million cubic feet.
Columns and rows may not add to their totals due to rounding.

Table MO-18.—Net volume of growing-stock trees (at least 5 inches d.b.h.), in million cubic feet, on timberland by species group, species, and ownership group, Missouri, 2013

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Softwood species groups					
Eastern softwood species groups					
Loblolly and shortleaf pines					
Shortleaf pine	455.9	--	43.7	403.2	902.8
Group subtotal	455.9	--	43.7	403.2	902.8
Eastern white and red pines					
Eastern white pine	--	--	6.7	4.2	11.0
Group subtotal	--	--	6.7	4.2	11.0
Other eastern softwoods					
Eastern redcedar	15.1	3.2	5.3	254.8	278.4
Group subtotal	15.1	3.2	5.3	254.8	278.4
All softwoods	471.0	3.2	55.7	662.3	1,192.1

(Table 18 continued on next page)

(Table 18 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Hardwood species groups					
Eastern hardwood species groups					
Select white oaks					
White oak	523.7	43.9	203.3	2,844.2	3,615.1
Swamp white oak	2.0	--	--	64.5	66.5
Bur oak	--	--	6.6	70.2	76.8
Swamp chestnut oak	--	--	2.8	0.3	3.1
Chinkapin oak	6.2	8.1	10.6	192.5	217.5
Group subtotal	532.0	52.0	223.2	3,171.7	3,978.9
Select red oaks					
Cherrybark oak	--	--	1.2	5.9	7.1
Northern red oak	67.9	14.7	40.0	715.3	838.0
Shumard oak	7.8	4.3	1.2	96.9	110.1
Group subtotal	75.7	19.0	42.5	818.0	955.1
Other white oaks					
Post oak	119.7	12.9	46.7	1,375.0	1,554.2
Group subtotal	119.7	12.9	46.7	1,375.0	1,554.2
Other red oaks					
Scarlet oak	184.5	0.9	46.1	264.6	496.2
Southern red oak	12.1	--	12.8	67.2	92.1
Shingle oak	2.4	10.8	7.8	195.2	216.2
Blackjack oak	3.6	0.8	2.4	70.5	77.3
Water oak	--	--	--	0.3	0.3
Texas red oak	--	--	--	1.6	1.6
Pin oak	3.0	5.4	22.4	194.1	224.8
Willow oak	--	--	0.8	--	0.8
Black oak	316.8	19.0	135.5	1,994.2	2,465.6
Group subtotal	522.3	37.0	227.7	2,787.7	3,574.7

(Table 18 continued on next page)

(Table 18 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Hickory					
Bitternut hickory	7.7	4.3	5.9	224.0	241.9
Pignut hickory	28.7	6.8	17.2	169.5	222.2
Pecan	--	--	5.4	38.1	43.5
Shellbark hickory	--	1.9	12.6	25.3	39.8
Shagbark hickory	3.5	6.8	12.5	485.7	508.5
Black hickory	37.4	1.7	15.3	287.0	341.5
Mockernut hickory	41.4	4.4	18.3	266.9	331.0
Red hickory	0.1	--	--	1.6	1.7
Group subtotal	118.8	25.9	87.1	1,498.2	1,730.0
Hard maple					
Black maple	--	--	--	0.5	0.5
Sugar maple	13.1	1.9	6.9	210.8	232.6
Group subtotal	13.1	1.9	6.9	211.2	233.0
Soft maple					
Red maple	2.9	0.1	2.0	33.1	38.2
Silver maple	1.1	6.2	37.7	232.5	277.4
Group subtotal	4.1	6.2	39.7	265.6	315.6
Beech					
American beech	--	--	2.1	6.9	9.0
Group subtotal	--	--	2.1	6.9	9.0
Sweetgum					
Sweetgum	2.0	0.3	1.4	14.7	18.3
Group subtotal	2.0	0.3	1.4	14.7	18.3
Tupelo and blackgum					
Water tupelo	--	--	0.1	22.1	22.2
Blackgum	19.4	0.4	2.3	74.4	96.5
Group subtotal	19.4	0.4	2.4	96.5	118.7
Ash					
White ash	4.7	1.2	5.2	183.1	194.3
Green ash	1.7	2.8	9.3	143.7	157.5
Pumpkin ash	--	--	--	8.5	8.5
Blue ash	0.5	--	0.2	10.8	11.6
Group subtotal	6.9	4.1	14.8	346.1	371.8

(Table 18 continued on next page)

(Table 18 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Cottonwood and aspen					
Eastern cottonwood	--	7.9	63.5	166.8	238.2
Group subtotal	--	7.9	63.5	166.8	238.2
Basswood					
American basswood	3.1	--	--	31.1	34.2
Group subtotal	3.1	--	--	31.1	34.2
Yellow-poplar					
Yellow-poplar	--	--	0.3	12.5	12.8
Group subtotal	--	--	0.3	12.5	12.8
Black walnut					
Black walnut	14.4	9.0	20.6	471.5	515.5
Group subtotal	14.4	9.0	20.6	471.5	515.5
Other eastern soft hardwoods					
Boxelder	0.0	1.2	3.9	20.5	25.6
Ohio buckeye	0.3	--	--	3.5	3.8
River birch	--	0.5	0.2	26.7	27.4
Sugarberry	--	--	0.9	0.4	1.3
Hackberry	1.3	0.8	9.8	293.5	305.4
Butternut	--	--	--	2.1	2.1
Cucumber tree	--	--	--	0.1	0.1
American sycamore	16.8	20.3	10.6	379.1	426.8
Black cherry	6.1	0.2	0.3	70.6	77.2
Black willow	--	1.0	15.8	51.4	68.2
Sassafras	0.8	0.5	0.7	21.7	23.7
Winged elm	3.6	0.7	1.2	25.4	31.0
American elm	3.1	2.5	5.6	183.8	195.0
Siberian elm	--	--	--	0.2	0.2
Slippery elm	6.9	0.8	5.8	67.3	80.8
Group subtotal	38.8	28.6	54.7	1,146.3	1,268.5

(Table 18 continued on next page)

(Table 18 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Other eastern hard hardwoods					
Flow ering dogwood	0.4	--	0.2	0.6	1.1
Common persimmon	0.4	0.7	1.4	15.1	17.6
Honeylocust	0.3	1.7	5.7	154.9	162.6
Kentucky coffeetree	--	--	1.1	8.9	9.9
White mulberry	--	--	--	0.8	0.8
Red mulberry	0.2	0.1	0.1	10.3	10.7
Black locust	1.1	--	2.8	47.3	51.2
Group subtotal	2.4	2.4	11.3	238.0	254.1
All hardwoods	1,472.7	207.5	844.8	12,657.7	15,182.7
All species groups	1,943.7	210.7	900.5	13,320.0	16,374.9

All table cells without observations in the inventory sample are indicated by --.
Table value of 0.0 indicates the volume rounds to less than 100,000 cubic feet.
Columns and rows may not add to their totals due to rounding.

Table MO-19.—Net volume of sawtimber trees, in million board feet (International 1/4-inch rule), on timberland by species group, species, and diameter class, Missouri, 2013

Species group/Species	Diameter class (inches)											All classes
	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-24.9	25.0-28.9	29.0-32.9	33.0-36.9	37.0+	
Softwood species groups												
Eastern softwood species groups												
Loblolly and shortleaf pines												
Shortleaf pine	779	957	949	661	310	243	83	34	--	--	--	4,015
Group subtotal	779	957	949	661	310	243	83	34	--	--	--	4,015
Eastern white and red pines												
Eastern white pine	--	9	21	8	9	--	--	--	--	--	--	47
Group subtotal	--	9	21	8	9	--	--	--	--	--	--	47
Other eastern softwoods												
Eastern redcedar	287	111	29	6	6	--	--	--	--	--	--	440
Group subtotal	287	111	29	6	6	--	--	--	--	--	--	440
All softwoods	1,066	1,077	999	674	326	243	83	34	--	--	--	4,502
Hardwood species groups												
Eastern hardwood species groups												
Select white oaks												
White oak	--	2,696	2,826	2,448	1,749	1,158	1,107	443	166	--	--	12,594
Swamp white oak	--	45	32	35	71	22	26	--	23	--	--	254
Bur oak	--	30	65	55	23	27	70	31	--	--	--	301
Swamp chestnut oak	--	--	--	--	--	--	12	--	--	--	--	12
Chinkapin oak	--	170	172	131	102	63	59	35	--	--	--	732
Group subtotal	--	2,941	3,095	2,670	1,945	1,271	1,274	509	189	--	--	13,893
Select red oaks												
Cherrybark oak	--	10	4	6	--	--	--	--	--	--	--	20
Northern red oak	--	421	526	571	566	442	597	200	73	99	--	3,495
Shumard oak	--	56	66	58	76	43	--	66	28	--	--	393
Group subtotal	--	488	595	635	643	485	597	266	101	99	--	3,909
Other white oaks												
Post oak	--	1,394	1,128	880	499	180	243	18	21	--	--	4,363
Group subtotal	--	1,394	1,128	880	499	180	243	18	21	--	--	4,363

(Table 19 continued on next page)

(Table 19 continued)

Species group/Species	Diameter class (inches)											All classes
	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-24.9	25.0-28.9	29.0-32.9	33.0-36.9	37.0+	
Other red oaks												
Scarlet oak	--	389	434	369	295	117	161	36	12	--	--	1,812
Southern red oak	--	56	61	65	61	20	47	21	--	--	--	332
Shingle oak	--	145	133	78	97	94	142	37	--	--	--	725
Blackjack oak	--	70	53	66	16	10	12	--	--	--	--	227
Texas red oak	--	--	--	7	--	--	--	--	--	--	--	7
Pin oak	--	143	164	166	108	129	131	19	58	--	--	920
Willow oak	--	--	4	--	--	--	--	--	--	--	--	4
Black oak	--	1,933	2,005	1,835	1,276	847	939	281	22	28	--	9,166
Group subtotal	--	2,737	2,853	2,586	1,853	1,217	1,431	394	92	28	--	13,192
Hickory												
Bitternut hickory	--	176	186	171	92	25	43	21	--	--	--	715
Pignut hickory	--	197	187	85	122	47	35	--	--	--	--	674
Pecan	--	23	39	46	8	11	15	28	--	--	--	170
Shellbark hickory	--	29	22	--	--	12	44	43	--	--	--	150
Shagbark hickory	--	408	404	246	193	94	75	23	--	--	--	1,442
Black hickory	--	314	195	113	130	33	13	--	--	--	--	798
Mockernut hickory	--	266	245	176	99	47	13	--	--	--	--	847
Red hickory	--	--	5	--	--	--	--	--	--	--	--	5
Group subtotal	--	1,414	1,283	838	645	268	239	114	--	--	--	4,801

(Table 19 continued on next page)

(Table 19 continued)

Species group/Species	Diameter class (inches)											All classes
	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-24.9	25.0-28.9	29.0-32.9	33.0-36.9	37.0+	
Hard maple												
Sugar maple	--	172	96	146	76	27	29	--	--	--	--	545
Group subtotal	--	172	96	146	76	27	29	--	--	--	--	545
Soft maple												
Red maple	--	11	4	--	16	32	13	22	--	--	--	98
Silver maple	--	103	134	60	150	92	241	54	120	31	--	985
Group subtotal	--	114	139	60	166	123	254	76	120	31	--	1,083
Beech												
American beech	--	--	6	7	--	20	9	--	--	--	--	42
All species	--	--	6	7	--	20	9	--	--	--	--	42
Sweetgum												
Sweetgum	--	11	8	6	3	16	--	--	--	--	--	44
Group subtotal	--	11	8	6	3	16	--	--	--	--	--	44
Tupelo and blackgum												
Water tupelo	--	6	30	21	27	--	13	--	--	--	--	98
Blackgum	--	55	53	34	25	13	18	16	--	--	--	214
Group subtotal	--	61	83	55	52	13	31	16	--	--	--	311

(Table 19 continued on next page)

(Table 19 continued)

Species group/Species	Diameter class (inches)											All classes
	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-24.9	25.0-28.9	29.0-32.9	33.0-36.9	37.0+	
Ash												
White ash	--	89	152	126	113	59	49	--	--	--	--	589
Green ash	--	98	127	60	89	52	55	21	--	--	--	503
Pumpkin ash	--	3	4	--	17	13	--	--	--	--	--	37
Blue ash	--	2	13	--	--	--	--	20	--	--	--	35
Group subtotal	--	192	297	187	219	124	105	41	--	--	--	1,164
Cottonwood and aspen												
Eastern cottonwood	--	34	37	65	77	117	316	53	121	87	195	1,101
Group subtotal	--	34	37	65	77	117	316	53	121	87	195	1,101
Basswood												
American basswood	--	21	33	19	17	11	32	--	--	--	--	133
Group subtotal	--	21	33	19	17	11	32	--	--	--	--	133
Yellow-poplar												
Yellow-poplar	--	4	--	9	16	--	18	--	--	--	--	48
Group subtotal	--	4	--	9	16	--	18	--	--	--	--	48
Black walnut												
Black walnut	--	343	419	416	275	247	167	29	--	--	--	1,895
Group subtotal	--	343	419	416	275	247	167	29	--	--	--	1,895

(Table 19 continued on next page)

(Table 19 continued)

Species group/Species	Diameter class (inches)											All classes
	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-24.9	25.0-28.9	29.0-32.9	33.0-36.9	37.0+	
Other eastern soft hardwoods												
Boxelder	--	17	16	11	7	--	11	--	--	--	--	62
Ohio buckeye	--	8	--	--	--	--	--	--	--	--	--	8
River birch	--	23	31	30	8	--	--	--	--	--	--	92
Sugarberry	--	--	4	--	--	--	--	--	--	--	--	4
Hackberry	--	191	181	189	102	94	83	64	--	--	--	903
Butternut	--	--	--	9	--	--	--	--	--	--	--	9
American sycamore	--	94	134	232	230	286	351	272	70	81	--	1,749
Black cherry	--	43	31	46	16	--	23	--	--	--	--	159
Black w willow	--	49	25	7	25	40	29	18	--	--	--	194
Sassafras	--	15	15	6	--	--	--	--	--	--	--	36
Winged elm	--	12	22	--	3	--	--	--	--	--	--	37
American elm	--	127	88	63	44	56	--	--	--	--	--	379
Slippery elm	--	42	23	40	27	14	5	--	--	--	--	151
Group subtotal	--	620	570	633	461	491	502	353	70	81	--	3,781
Other eastern hard hardwoods												
Common persimmon	--	9	--	--	--	--	--	--	--	--	--	9
Honeylocust	--	126	134	72	67	26	71	--	28	--	--	525
Kentucky coffeetree	--	16	17	--	--	--	--	--	--	--	--	32
Red mulberry	--	3	--	13	--	--	--	--	--	--	--	16
Black locust	--	42	33	36	21	17	--	--	--	--	--	149
Group subtotal	--	196	184	121	88	44	71	--	28	--	--	731
All hardwoods	--	10,742	10,826	9,331	7,035	4,652	5,318	1,870	742	326	195	51,036
All species groups	1,066	11,819	11,824	10,005	7,361	4,895	5,401	1,904	742	326	195	55,539

All table cells without observations in the inventory sample are indicated by --.
Table value of 0 indicates the volume rounds to less than 1 million board feet.
Columns and rows may not add to their totals due to rounding.

Table MO-20.—Net volume of saw-log portion of sawtimber trees, in million cubic feet, on timberland by species group and ownership group, Missouri, 2013

Species group	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Softwood species groups					
Eastern softwood species groups					
Loblolly and shortleaf pines	352.4	--	32.3	311.1	695.8
Eastern white and red pines	--	--	6.0	3.0	8.9
Other eastern softwoods	3.1	0.2	1.5	63.6	68.4
All softwoods	355.5	0.2	39.8	377.6	773.1
Hardwood species groups					
Eastern hardwood species groups					
Select white oaks	305.0	38.8	142.0	2,039.4	2,525.2
Select red oaks	51.5	11.8	31.5	614.1	708.9
Other white oaks	59.8	6.4	24.5	631.8	722.5
Other red oaks	367.8	22.3	161.8	1,738.6	2,290.5
Hickory	47.4	9.1	49.9	695.2	801.6
Hard maple	5.8	0.4	1.9	87.8	95.9
Soft maple	0.6	3.9	26.0	197.3	227.8
Beech	--	--	1.8	6.1	7.9
Sweetgum	1.6	--	--	6.4	7.9
Tupelo and blackgum	6.6	--	0.7	49.5	56.8
Ash	1.9	2.3	8.5	199.9	212.5
Cottonwood and aspen	--	5.5	60.1	152.9	218.5
Basswood	2.2	--	--	21.6	23.8
Yellow-poplar	--	--	--	8.5	8.5
Black walnut	9.2	4.2	14.8	309.7	337.9
Other eastern soft hardwoods	20.0	18.1	26.8	663.2	728.1
Other eastern hard hardwoods	0.5	--	6.3	124.9	131.6
All hardwoods	879.7	122.9	556.4	7,547.0	9,106.0
All species groups	1,235.2	123.1	596.2	7,924.6	9,879.1

All table cells without observations in the inventory sample are indicated by --.
Table value of 0.0 indicates the volume rounds to less than 100,000 cubic feet.
Columns and rows may not add to their totals due to rounding.

Table MO-21.—Average annual net growth of live trees (at least 5 inches d.b.h./d.r.c.), in million cubic feet, by owner class and forest-land status, Missouri, 2013

Owner class	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
Forest Service							
National forest	19.5	0.1	19.6	0.6	0.1	0.7	20.3
Other Federal							
National Park Service	--	--	--	1.4	--	1.4	1.4
Fish and Wildlife Service	--	--	--	1.8	--	1.8	1.8
Department of Defense or Energy	5.1	0.0	5.2	0.2	--	0.2	5.4
Other Federal	-0.1	--	-0.1	--	--	--	-0.1
State and local government							
State	7.2	-0.3	6.9	1.3	--	1.3	8.2
Local (county, municipal, etc.)	3.5	--	3.5	--	--	--	3.5
Private							
Undifferentiated private	357.7	4.4	362.0	--	--	--	362.0
All owners	393.0	4.2	397.2	5.3	0.1	5.4	402.5

All table cells without observations in the inventory sample are indicated by --.
 Table value of 0.0 indicates the volume rounds to less than 100,000 cubic feet.
 Columns and rows may not add to their totals due to rounding.

Estimates are assigned to owner class and forest-land status as identified in previous inventory when available, else assigned from current inventory.

Table MO-21a.—Average annual net growth of live trees (at least 5 inches d.b.h./d.r.c.), in million cubic feet, by owner class and forest-land status using accounting method (O’Connell et al. 2014), Missouri, 2013

Owner class	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
Forest Service							
National forest	26.5	0.5	26.9	1.0	-0.4	0.6	27.6
Other Federal							
National Park Service	--	--	--	1.4	--	1.4	1.4
Fish and Wildlife Service	--	--	--	1.8	--	1.8	1.8
Department of Defense or Energy	19.4	0.0	19.4	0.2	--	0.2	19.6
Other Federal	-18.8	--	-18.8	--	--	--	-18.8
State and local government							
State	10.0	-0.3	9.7	1.3	--	1.3	11.0
Local (county, municipal, etc.)	4.0	--	4.0	--	--	--	4.0
Private							
Undifferentiated private	347.4	8.4	355.9	--	--	--	355.9
All owners	388.5	8.6	397.2	5.8	-0.4	5.3	402.5

All table cells without observations in the inventory sample are indicated by --.
Table value of 0.0 indicates the volume rounds to less than 100,000 cubic feet.
Columns and rows may not add to their totals due to rounding.

Table MO-22.—Average annual net growth of live trees (at least 5 inches d.b.h./d.r.c.), in million cubic feet, on forest land by forest-type group and stand-size class, Missouri, 2013

Forest-type group	Large diameter	Medium diameter	Small diameter	Nonstocked	All size classes
White / red / jack pine group	0.1	--	--	--	0.1
Loblolly / shortleaf pine group	6.0	3.2	0.6	--	9.8
Other eastern softwoods group	1.6	5.8	2.0	--	9.3
Oak / pine group	7.6	11.0	3.3	--	21.9
Oak / hickory group	143.8	128.5	24.1	--	296.4
Oak / gum / cypress group	2.1	2.0	--	--	4.1
Elm / ash / cottonwood group	40.2	14.5	4.9	--	59.6
Maple / beech / birch group	-1.2	0.9	0.3	--	0.0
Other hardwoods group	--	--	0.8	--	0.8
Nonstocked	--	--	--	0.5	0.5
All forest-type groups	200.0	166.0	36.0	0.5	402.5

All table cells without observations in the inventory sample are indicated by --.

Table value of 0.0 indicates the acres round to less than 100,000 cubic feet.

Columns and rows may not add to their totals due to rounding.

Estimates are assigned to forest-type group and stand-size class as identified in previous inventory when available, else assigned from current inventory.

Table MO-22a.—Average annual net growth of live trees (at least 5 inches d.b.h./d.r.c.), in million cubic feet, on forest land by forest-type group and stand-size class using accounting method (O’Connell et al. 2014), Missouri, 2013

Forest-type group	Large diameter	Medium diameter	Small diameter	Nonstocked	All size classes
White / red / jack pine group	0.1	--	--	--	0.1
Loblolly / shortleaf pine group	28.5	-6.0	-0.3	--	22.2
Other eastern softwoods group	1.8	8.1	3.6	--	13.6
Oak / pine group	11.3	-4.5	-1.0	--	5.7
Oak / hickory group	340.5	-66.0	-5.1	--	269.4
Oak / gum / cypress group	21.3	-1.3	--	--	20.0
Elm / ash / cottonwood group	47.6	17.8	-0.8	--	64.6
Maple / beech / birch group	8.6	-3.6	0.5	--	5.5
Other hardwoods group	--	--	1.2	--	1.2
Exotic hardwoods group	--	--	0.3	--	0.3
Nonstocked	--	--	--	-0.1	-0.1
All forest-type groups	459.8	-55.5	-1.7	-0.1	402.5

All table cells without observations in the inventory sample are indicated by --.
 Table value of 0.0 indicates the acres round to less than 100,000 cubic feet.
 Columns and rows may not add to their totals due to rounding.

Table MO-23.—Average annual net growth of live trees (at least 5 inches d.b.h./d.r.c.), in million cubic feet, on forest land by species group, species, and ownership group, Missouri, 2013

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Softwood species group					
Eastern softwood species groups					
Loblolly and shortleaf pines					
Shortleaf pine	6.7	0.0	1.2	10.2	18.1
Group subtotal	6.7	0.0	1.2	10.2	18.1
Other yellow pines					
Scotch pine	--	--	--	0.0	0.0
Virginia pine	--	--	--	0.0	0.0
Group subtotal	--	--	--	0.0	0.0
Eastern white and red pines					
Eastern white pine	--	--	0.1	0.3	0.4
Group subtotal	--	--	0.1	0.3	0.4
Other eastern softwoods					
Eastern redcedar	1.2	0.5	0.2	28.0	30.0
Group subtotal	1.2	0.5	0.2	28.0	30.0
All softwoods	7.9	0.6	1.5	38.6	48.5

(Table 23 continued on next page)

(Table 23 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Hardwood species groups					
Eastern hardwood species groups					
Select white oaks					
White oak	9.7	1.1	2.4	56.3	69.4
Swamp white oak	0.0	0.0	--	2.7	2.7
Bur oak	0.0	0.1	0.1	2.8	3.0
Swamp chestnut oak	--	--	0.0	0.0	0.1
Chinkapin oak	-0.7	0.0	-0.2	3.8	2.9
Group subtotal	9.0	1.2	2.2	65.6	78.0
Select red oaks					
Cherrybark oak	--	--	0.2	0.7	0.9
Northern red oak	0.7	-0.3	1.2	11.8	13.4
Shumard oak	0.0	0.2	0.1	4.2	4.5
Group subtotal	0.8	-0.1	1.5	16.7	18.8
Other white oaks					
Overcup oak	--	0.2	--	0.0	0.2
Post oak	0.6	0.3	0.7	23.2	24.8
Group subtotal	0.6	0.5	0.7	23.2	25.0
Other red oaks					
Scarlet oak	-1.5	0.3	-1.4	2.7	0.2
Southern red oak	-0.1	--	0.5	1.2	1.6
Shingle oak	0.1	0.1	0.5	8.8	9.6
Blackjack oak	-0.2	0.1	-0.2	-4.9	-5.3
Water oak	--	--	--	0.0	0.0
Nuttall oak	--	--	--	0.1	0.1
Pin oak	0.1	0.8	1.1	9.9	11.9
Willow oak	--	0.4	0.0	--	0.4
Black oak	-1.4	-0.1	2.5	37.2	38.1
Group subtotal	-3.0	1.6	3.1	55.0	56.7

(Table 23 continued on next page)

(Table 23 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Hickory					
Bitternut hickory	0.3	0.3	-0.1	8.0	8.5
Pignut hickory	0.6	0.2	0.4	4.3	5.5
Pecan	--	--	0.1	1.4	1.5
Shellbark hickory	--	0.1	-0.3	0.6	0.3
Shagbark hickory	-0.1	0.1	0.3	10.5	10.8
Black hickory	0.5	0.1	0.3	5.5	6.5
Mockernut hickory	0.7	0.1	-0.3	5.7	6.3
Red hickory	0.0	--	--	0.1	0.1
Group subtotal	2.1	0.9	0.4	36.2	39.5
Hard maple					
Black maple	--	--	--	0.0	0.0
Sugar maple	0.3	0.0	-0.3	3.1	3.1
Group subtotal	0.3	0.0	-0.3	3.1	3.1
Soft maple					
Red maple	0.1	0.1	0.3	1.1	1.6
Silver maple	0.0	0.3	-2.9	7.8	5.2
Group subtotal	0.1	0.3	-2.6	9.0	6.8
Beech					
American beech	--	--	-1.2	0.2	-1.1
Group subtotal	--	--	-1.2	0.2	-1.1
Sweetgum					
Sweetgum	0.1	0.3	0.2	0.6	1.1
Group subtotal	0.1	0.3	0.2	0.6	1.1
Tupelo and blackgum					
Water tupelo	--	--	0.0	0.2	0.2
Blackgum	0.6	0.0	0.0	1.7	2.4
Group subtotal	0.6	0.0	0.0	1.9	2.6
Ash					
White ash	0.2	0.1	0.2	4.0	4.5
Green ash	0.1	0.1	0.1	5.3	5.6
Pumpkin ash	--	--	--	0.2	0.2
Blue ash	0.0	--	0.0	0.3	0.3
Group subtotal	0.3	0.2	0.3	9.8	10.6

(Table 23 continued on next page)

(Table 23 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Cottonwood and aspen					
Eastern cottonwood	--	14.7	63.5	182.6	260.8
Total	--	14.7	63.5	182.6	260.8
Basswood					
American basswood	3.6	3.5	--	42.4	49.5
Group subtotal	3.6	3.5	--	42.4	49.5
Yellow-poplar					
Yellow-poplar	--	--	7.5	13.1	20.6
Group subtotal	--	--	7.5	13.1	20.6
Black walnut					
Black walnut	17.4	20.6	44.5	617.2	699.7
Group subtotal	17.4	20.6	44.5	617.2	699.7
Other eastern soft hardwoods					
Boxelder	0.0	0.1	0.7	1.2	1.9
Ohio buckeye	0.0	--	0.0	0.2	0.3
River birch	--	0.1	0.0	-1.5	-1.4
Northern catalpa	--	--	--	-0.5	-0.5
Sugarberry	--	0.0	0.2	0.1	0.3
Hackberry	0.0	0.1	0.6	14.4	15.1
Butternut	0.0	0.0	--	0.1	0.1
Cucumbertree	--	--	--	0.0	0.0
American sycamore	0.5	0.4	0.7	12.8	14.4
Black cherry	0.4	0.0	0.0	3.3	3.7
Black willow	--	0.1	1.3	6.7	8.1
Sassafras	0.1	0.0	-0.1	1.0	1.0
Winged elm	0.0	-0.1	0.0	0.3	0.3
American elm	0.1	1.0	0.0	6.1	7.2
Siberian elm	--	--	--	0.0	0.0
Slippery elm	0.0	0.1	0.1	0.4	0.6
Group subtotal	1.2	1.7	3.5	44.8	51.2

(Table 23 continued on next page)

(Table 23 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Other eastern hard hardwoods					
Flowering dogwood	0.0	0.0	0.0	0.0	0.0
Common persimmon	0.0	0.0	0.0	-0.2	-0.3
Waterlocust	--	-0.2	--	--	-0.2
Honeylocust	0.1	-0.6	0.2	11.2	10.9
Kentucky coffeetree	--	--	0.0	0.4	0.5
Mulberry spp.	--	--	0.0	--	0.0
White mulberry	--	0.0	0.0	-0.1	-0.1
Red mulberry	0.0	0.1	-0.8	2.7	2.1
Oak spp.	--	--	--	0.0	0.0
Black locust	0.0	0.0	0.1	2.1	2.3
Group subtotal	0.1	-0.7	-0.4	16.2	15.2
Eastern noncommercial hardwoods					
Ailanthus	--	--	--	0.1	0.1
Mimosa, silktree	--	--	0.0	0.1	0.1
Serviceberry spp.	0.0	0.0	0.0	0.0	0.0
Common serviceberry	0.0	--	--	0.0	0.0
Pawpaw	--	--	--	0.0	0.0
Chittamwood, gum bumelia	0.0	0.0	--	0.0	0.0
American hornbeam, musclewood	0.0	--	--	0.0	0.0
Eastern redbud	-0.1	0.0	0.0	-0.2	-0.2
Hawthorn spp.	--	--	0.0	0.0	-0.1
Downy hawthorn	--	--	0.0	--	0.0
Osage-orange	0.0	0.0	0.4	8.8	9.2
Eastern hophornbeam	0.0	0.0	0.0	0.2	0.2
American plum	--	--	-0.1	0.0	-0.1
Coastal plain willow	--	--	--	0.0	0.0
Smoketree	0.0	0.0	--	0.0	0.0
Other or unknown live tree	--	--	--	0.0	0.0
Group subtotal	-0.1	0.0	0.3	9.0	9.3
All hardwoods	12.4	8.0	10.2	323.5	354.1
All species group	20.3	8.5	11.7	362.0	402.5

All table cells without observations in the inventory sample are indicated by --.

Table value of 0.0 indicates the number of trees rounds to less than 100,000 cubic feet.

Columns and rows may not add to their totals due to rounding.

Estimates are assigned to ownership group as identified in previous inventory when available, else assigned from current inventory.

Table MO-23a.—Average annual net growth of live trees (at least 5 inches d.b.h./d.r.c.), in million cubic feet, on forest land by species group, species, and ownership group using accounting method (O’Connell et al. 2014), Missouri, 2013

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Softwood species group					
Eastern softwood species groups					
Loblolly and shortleaf pines					
Shortleaf pine	6.9	0.0	1.2	10.0	18.1
Group subtotal	6.9	0.0	1.2	10.0	18.1
Other yellow pines					
Scotch pine	--	--	--	0.0	0.0
Virginia pine	--	--	--	0.0	0.0
Group subtotal	--	--	--	0.0	0.0
Eastern white and red pines					
Eastern white pine	--	--	0.1	0.3	0.4
Group subtotal	--	--	0.1	0.3	0.4
Other eastern softwoods					
Eastern redcedar	1.0	-0.5	1.2	28.3	30.0
Group subtotal	1.0	-0.5	1.2	28.3	30.0
All softwoods	8.0	-0.5	2.4	38.5	48.5

(Table 23a continued on next page)

(Table 23a continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Hardwood species groups					
Eastern hardwood species groups					
Select white oaks					
White oak	9.7	1.1	2.4	56.3	69.4
Swamp white oak	0.0	0.0	--	2.7	2.7
Bur oak	0.0	0.1	0.1	2.8	3.0
Swamp chestnut oak	--	--	0.0	0.0	0.1
Chinkapin oak	-0.7	0.0	-0.2	3.8	2.9
Group subtotal	9.0	1.2	2.2	65.6	78.0
Select red oaks					
Cherrybark oak	--	--	0.2	0.7	0.9
Northern red oak	0.7	-0.3	1.2	11.8	13.4
Shumard oak	0.0	0.2	0.1	4.2	4.5
Group subtotal	0.8	-0.1	1.5	16.7	18.8
Other white oaks					
Overcup oak	--	0.2	--	0.0	0.2
Post oak	0.6	0.3	0.7	23.2	24.8
Group subtotal	0.6	0.5	0.7	23.2	25.0
Other red oaks					
Scarlet oak	-1.5	0.3	-1.4	2.7	0.2
Southern red oak	-0.1	--	0.5	1.2	1.6
Shingle oak	0.1	0.1	0.5	8.8	9.6
Blackjack oak	-0.2	0.1	-0.2	-4.9	-5.3
Water oak	--	--	--	0.0	0.0
Nuttall oak	--	--	--	0.1	0.1
Pin oak	0.1	0.8	1.1	9.9	11.9
Willow oak	--	0.4	0.0	--	0.4
Black oak	-1.4	-0.1	2.5	37.2	38.1
Group subtotal	-3.0	1.6	3.1	55.0	56.7

(Table 23a continued on next page)

(Table 23a continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Hickory					
Bitternut hickory	0.2	0.6	0.0	7.7	8.5
Pignut hickory	1.2	0.2	0.4	3.7	5.5
Pecan	--	--	0.1	1.4	1.5
Shellbark hickory	--	0.1	-0.3	0.6	0.3
Shagbark hickory	-0.1	-0.2	0.4	10.7	10.8
Black hickory	0.5	0.1	0.3	5.6	6.5
Mockernut hickory	0.9	0.1	-0.3	5.5	6.3
Red hickory	0.0	--	--	0.1	0.1
Group subtotal	2.7	0.9	0.6	35.3	39.5
Hard maple					
Black maple	--	--	--	0.0	0.0
Sugar maple	0.4	-0.1	-0.4	3.2	3.1
Group subtotal	0.4	-0.1	-0.4	3.2	3.1
Soft maple					
Red maple	0.1	0.1	0.3	1.1	1.6
Silver maple	0.0	0.3	-2.9	7.9	5.2
Group subtotal	0.1	0.3	-2.6	9.0	6.8
Beech					
American beech	--	--	-1.2	0.2	-1.1
Group subtotal	--	--	-1.2	0.2	-1.1
Sweetgum					
Sweetgum	0.1	0.3	0.2	0.6	1.1
Group subtotal	0.1	0.3	0.2	0.6	1.1
Tupelo and blackgum					
Water tupelo	--	--	0.0	0.2	0.2
Blackgum	1.0	0.0	0.0	1.4	2.4
Group subtotal	1.0	0.0	0.0	1.5	2.6
Ash					
White ash	0.1	0.2	0.2	4.0	4.5
Green ash	0.1	0.1	0.1	5.3	5.6
Pumpkin ash	--	--	--	0.2	0.2
Blue ash	0.0	--	0.0	0.3	0.3
Group subtotal	0.2	0.3	0.3	9.8	10.6

(Table 23a continued on next page)

(Table 23a continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Cottonwood and aspen					
Eastern cottonwood	--	1.3	1.6	3.7	6.6
Group subtotal	--	1.3	1.6	3.7	6.6
Basswood					
American basswood	0.1	0.1	-0.2	0.9	0.9
Group subtotal	0.1	0.1	-0.2	0.9	0.9
Yellow-poplar					
Yellow-poplar	--	--	0.3	0.9	1.1
Group subtotal	--	--	0.3	0.9	1.1
Black walnut					
Black walnut	0.1	0.5	1.0	26.8	28.4
Group subtotal	0.1	0.5	1.0	26.8	28.4
Other eastern soft hardwoods					
Boxelder	0.0	0.1	0.7	1.2	1.9
Ohio buckeye	0.0	--	0.0	0.2	0.3
River birch	--	0.1	0.0	-1.5	-1.4
Northern catalpa	--	--	--	-0.5	-0.5
Sugarberry	--	0.0	0.2	0.1	0.3
Hackberry	0.0	0.1	1.1	13.9	15.1
Butternut	0.0	0.0	--	0.1	0.1
Cucumbertree	--	--	--	0.0	0.0
American sycamore	0.5	0.4	0.7	12.7	14.4
Black cherry	0.4	0.0	0.0	3.3	3.7
Black willow	--	0.1	1.3	6.7	8.1
Sassafras	0.1	0.0	-0.1	1.0	1.0
Winged elm	0.0	-0.1	0.0	0.3	0.3
American elm	0.1	1.2	0.0	5.9	7.2
Siberian elm	--	--	--	0.0	0.0
Slippery elm	-0.1	0.1	0.1	0.5	0.6
Group subtotal	1.2	2.0	4.0	44.0	51.2

(Table 23a continued on next page)

(Table 23a continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Other eastern hard hardwoods					
Flowering dogwood	0.0	0.0	0.0	0.0	0.0
Common persimmon	0.0	0.0	0.0	-0.2	-0.3
Waterlocust	--	-0.2	--	--	-0.2
Honeylocust	0.1	-0.2	0.7	10.3	10.9
Kentucky coffeetree	--	--	0.0	0.4	0.5
Mulberry spp.	--	--	0.0	--	0.0
White mulberry	--	0.0	0.0	-0.1	-0.1
Red mulberry	0.0	0.1	-0.8	2.7	2.1
Oak spp.	--	--	--	0.0	0.0
Black locust	0.0	0.0	0.1	2.1	2.3
Group subtotal	0.1	-0.3	0.1	15.3	15.2
Eastern noncommercial hardwoods					
Ailanthus	--	--	--	0.1	0.1
Mimosa, silktree	--	--	0.0	0.1	0.1
Serviceberry spp.	0.0	0.0	0.0	0.0	0.0
Common serviceberry	0.0	--	--	0.0	0.0
Pawpaw	--	--	--	0.0	0.0
Chittamwood, gum bumelia	0.0	0.0	--	0.0	0.0
American hornbeam, musclewood	0.0	--	--	0.0	0.0
Eastern redbud	-0.1	0.0	0.0	-0.2	-0.2
Hawthorn spp.	--	--	0.0	0.0	-0.1
Downy hawthorn	--	--	0.0	--	0.0
Osage-orange	0.0	0.0	0.4	8.8	9.2
Eastern hophornbeam	0.0	0.0	0.0	0.2	0.2
American plum	--	--	-0.1	0.0	-0.1
Coastal plain willow	--	--	--	0.0	0.0
Smoketree	0.0	0.0	--	0.0	0.0
Other or unknown live tree	--	--	--	0.0	0.0
Group subtotal	-0.1	0.1	0.3	9.0	9.3
All hardwoods	19.4	4.9	12.6	317.2	354.1
All species group	27.3	4.4	15.0	355.8	402.5

All table cells without observations in the inventory sample are indicated by --.

Table value of 0.0 indicates the number of trees rounds to less than 100,000 cubic feet.

Columns and rows may not add to their totals due to rounding.

Table MO-24.—Average annual net growth of growing-stock trees (at least 5 inches d.b.h.), in million cubic feet, on timberland by species group, species, and ownership group, Missouri, 2013

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Softwood species group					
Eastern softwood species groups					
Loblolly and shortleaf pines					
Shortleaf pine	6.6	--	1.1	10.2	17.9
Group subtotal	6.6	--	1.1	10.2	17.9
Eastern white and red pines					
Eastern white pine	--	--	0.1	0.3	0.4
Group subtotal	--	--	0.1	0.3	0.4
Other eastern softwoods					
Eastern redcedar	0.4	0.2	0.1	9.6	10.2
Group subtotal	0.4	0.2	0.1	9.6	10.2
All softwoods	7.0	0.2	1.3	20.1	28.6

(Table 24 continued on next page)

(Table 24 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Hardwood species groups					
Eastern hardwood species groups					
Select white oaks					
White oak	9.3	0.6	3.3	55.4	68.5
Swamp white oak	0.0	--	--	1.7	1.7
Bur oak	--	--	0.1	1.1	1.2
Swamp chestnut oak	--	--	0.0	0.0	0.1
Chinkapin oak	-0.7	-0.1	-0.1	2.2	1.4
Group subtotal	8.6	0.5	3.3	60.5	72.9
Select red oaks					
Cherrybark oak	--	--	0.2	0.5	0.7
Northern red oak	0.4	-0.1	0.9	14.1	15.2
Shumard oak	0.2	0.1	0.1	3.8	4.2
Group subtotal	0.6	0.0	1.1	18.4	20.1
Other white oaks					
Overcup oak	--	--	--	0.0	0.0
Post oak	1.0	0.2	0.3	19.5	21.0
Group subtotal	1.0	0.2	0.3	19.5	21.0
Other red oaks					
Scarlet oak	-0.9	0.0	0.7	3.6	3.4
Southern red oak	0.0	--	0.5	1.0	1.5
Shingle oak	0.1	0.1	0.4	6.6	7.2
Blackjack oak	-0.1	0.0	0.0	-2.6	-2.7
Water oak	--	--	--	0.0	0.0
Nuttall oak	--	--	--	0.1	0.1
Pin oak	0.1	0.3	0.8	7.9	9.2
Willow oak	--	--	0.0	--	0.0
Black oak	0.5	-0.1	2.2	37.8	40.4
Group subtotal	-0.3	0.3	4.7	54.4	59.2

(Table 24 continued on next page)

(Table 24 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Hickory					
Bitternut hickory	0.3	0.1	0.1	6.9	7.4
Pignut hickory	0.5	0.1	0.3	4.2	5.2
Pecan	--	--	0.1	1.2	1.3
Shellbark hickory	--	0.1	-0.3	0.6	0.3
Shagbark hickory	-0.1	0.1	0.2	9.7	9.9
Black hickory	0.5	0.1	0.3	5.4	6.2
Mockernut hickory	0.7	0.1	-0.2	4.5	5.1
Red hickory	0.0	--	--	0.0	0.1
Group subtotal	1.9	0.6	0.5	32.5	35.5
Hard maple					
Black maple	--	--	--	0.0	0.0
Sugar maple	0.3	0.0	-0.1	4.7	4.8
Group subtotal	0.3	0.0	-0.1	4.7	4.8
Soft maple					
Red maple	0.0	0.0	0.1	0.8	0.9
Silver maple	0.0	0.4	0.8	5.4	6.6
Group subtotal	0.0	0.4	0.9	6.2	7.5
Beech					
American beech	--	--	0.0	0.1	0.1
Group subtotal	--	--	0.0	0.1	0.1
Sweetgum					
Sweetgum	0.0	0.0	0.1	0.5	0.7
Group subtotal	0.0	0.0	0.1	0.5	0.7
Tupelo and blackgum					
Water tupelo	--	--	0.0	0.2	0.2
Blackgum	0.5	0.0	0.0	2.2	2.7
Group subtotal	0.5	0.0	0.0	2.4	2.9
Ash					
White ash	0.1	0.0	0.1	2.3	2.6
Green ash	0.1	0.1	0.3	4.6	5.0
Pumpkin ash	--	--	--	0.2	0.2
Blue ash	0.0	--	0.0	0.3	0.3
Group subtotal	0.2	0.1	0.4	7.4	8.1

(Table 24 continued on next page)

(Table 24 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Cottonwood and aspen					
Eastern cottonwood	--	0.4	1.6	3.9	5.9
Group subtotal	--	0.4	1.6	3.9	5.9
Basswood					
American basswood	0.1	--	0.0	0.6	0.7
Group subtotal	0.1	--	0.0	0.6	0.7
Yellow-poplar					
Yellow-poplar	--	--	0.0	0.8	0.8
Group subtotal	--	--	0.0	0.8	0.8
Black walnut					
Black walnut	0.1	0.2	0.3	18.1	18.8
Group subtotal	0.1	0.2	0.3	18.1	18.8
Other eastern soft hardwoods					
Boxelder	0.0	0.0	0.3	0.6	0.9
Ohio buckeye	0.0	--	--	0.1	0.1
River birch	--	0.1	0.0	-1.7	-1.7
Northern catalpa	--	--	--	-0.5	-0.5
Sugarberry	--	--	0.1	0.0	0.1
Hackberry	0.0	0.0	0.2	11.7	12.0
Butternut	--	--	--	0.1	0.1
Cucumbertree	--	--	--	0.0	0.0
American sycamore	0.4	0.3	0.5	13.0	14.3
Black cherry	0.3	0.0	0.0	1.5	1.8
Black willow	--	0.1	1.3	4.3	5.6
Sassafras	0.0	-0.1	0.0	0.4	0.4
Winged elm	0.1	0.0	0.0	0.3	0.3
American elm	0.1	0.2	0.0	-0.6	-0.4
Slippery elm	-0.1	0.0	0.1	0.5	0.5
Group subtotal	0.8	0.7	2.4	29.6	33.5
Other eastern hard hardwoods					
Flowering dogwood	0.0	--	0.0	-0.1	-0.1
Common persimmon	0.0	0.0	0.0	-0.1	-0.1
Honeylocust	0.0	-0.6	0.1	6.2	5.7
Kentucky coffeetree	--	--	0.0	0.4	0.4
White mulberry	--	--	--	-0.1	-0.1
Red mulberry	0.0	0.0	-0.7	0.3	-0.4
Black locust	0.0	--	0.0	1.7	1.8
Group subtotal	0.1	-0.6	-0.6	8.3	7.2
All hardwoods	13.9	2.9	14.8	268.0	299.7
All species group	20.9	3.1	16.1	288.1	328.3

All table cells without observations in the inventory sample are indicated by --.

Table value of 0.0 indicates the number of trees rounds to less than 100,000 cubic feet.

Columns and rows may not add to their totals due to rounding.

Estimates are assigned to ownership group as identified in previous inventory when available, else assigned from current inventory.

Table MO-24a.—Average annual net growth of growing-stock trees (at least 5 inches d.b.h.), in million cubic feet, on timberland by species group, species, and ownership group using accounting method (O’Connell et al. 2014), Missouri, 2013

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Softwood species group					
Eastern softwood species groups					
Loblolly and shortleaf pines					
Shortleaf pine	6.9	--	1.1	9.9	17.9
Group subtotal	6.9	--	1.1	9.9	17.9
Eastern white and red pines					
Eastern white pine	--	--	0.1	0.3	0.4
Group subtotal	--	--	0.1	0.3	0.4
Other eastern softwoods					
Eastern redcedar	0.4	-0.5	0.6	9.7	10.2
Group subtotal	0.4	-0.5	0.6	9.7	10.2
All softwoods	7.2	-0.5	1.8	20.0	28.6

(Table 24a continued on next page)

(Table 24a continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Hardwood species groups					
Eastern hardwood species groups					
Select white oaks					
White oak	11.7	-1.7	2.9	55.6	68.5
Swamp white oak	0.0	--	--	1.7	1.7
Bur oak	--	--	0.1	1.1	1.2
Swamp chestnut oak	--	--	0.0	0.0	0.1
Chinkapin oak	-0.7	-0.2	0.3	2.0	1.4
Group subtotal	11.1	-1.9	3.2	60.5	72.9
Select red oaks					
Cherrybark oak	--	--	0.2	0.5	0.7
Northern red oak	0.9	-1.1	1.0	14.3	15.2
Shumard oak	0.2	0.1	0.1	3.8	4.2
Group subtotal	1.1	-0.9	1.2	18.7	20.1
Other white oaks					
Overcup oak	--	--	--	0.0	0.0
Post oak	1.3	-0.8	0.4	20.0	21.0
Group subtotal	1.3	-0.8	0.4	20.0	21.0
Other red oaks					
Scarlet oak	0.1	0.0	0.2	3.1	3.4
Southern red oak	0.3	--	0.5	0.7	1.5
Shingle oak	0.1	2.0	0.4	4.6	7.2
Blackjack oak	-0.1	0.1	0.0	-2.6	-2.7
Water oak	--	--	--	0.0	0.0
Nuttall oak	--	--	--	0.1	0.1
Pin oak	0.1	0.3	0.8	7.9	9.2
Willow oak	--	--	0.0	--	0.0
Black oak	1.8	0.2	2.1	36.3	40.4
Group subtotal	2.3	2.7	4.2	50.0	59.2

(Table 24a continued on next page)

(Table 24a continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Hickory					
Bitternut hickory	0.2	0.5	0.2	6.5	7.4
Pignut hickory	1.1	0.1	0.3	3.6	5.2
Pecan	--	--	0.1	1.2	1.3
Shellbark hickory	--	0.1	-0.3	0.6	0.3
Shagbark hickory	-0.1	-0.1	0.3	9.9	9.9
Black hickory	0.4	0.1	0.3	5.5	6.2
Mockernut hickory	0.9	0.1	-0.1	4.3	5.1
Red hickory	0.0	--	--	0.0	0.1
Group subtotal	2.5	0.7	0.7	31.6	35.5
Hard maple					
Black maple	--	--	--	0.0	0.0
Sugar maple	0.3	0.0	-0.3	4.8	4.8
Group subtotal	0.3	0.0	-0.3	4.8	4.8
Soft maple					
Red maple	0.0	0.0	0.1	0.8	0.9
Silver maple	0.0	0.4	0.8	5.4	6.6
Group subtotal	0.0	0.4	0.9	6.2	7.5
Beech					
American beech	--	--	0.0	0.1	0.1
Group subtotal	--	--	0.0	0.1	0.1
Sweetgum					
Sweetgum	0.0	0.0	0.1	0.5	0.7
Group subtotal	0.0	0.0	0.1	0.5	0.7
Tupelo and blackgum					
Water tupelo	--	--	0.0	0.2	0.2
Blackgum	0.9	0.0	0.0	1.8	2.7
Group subtotal	0.9	0.0	0.0	2.0	2.9
Ash					
White ash	0.0	0.1	0.1	2.3	2.6
Green ash	0.1	0.1	0.3	4.6	5.0
Pumpkin ash	--	--	--	0.2	0.2
Blue ash	0.0	--	0.0	0.3	0.3
Group subtotal	0.1	0.2	0.4	7.4	8.1

(Table 24a continued on next page)

(Table 24a continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Cottonwood and aspen					
Eastern cottonwood	--	0.4	1.6	3.9	5.9
Group subtotal	--	0.4	1.6	3.9	5.9
Basswood					
American basswood	0.1	--	-0.1	0.7	0.7
Group subtotal	0.1	--	-0.1	0.7	0.7
Yellow-poplar					
Yellow-poplar	--	--	0.0	0.8	0.8
Group subtotal	--	--	0.0	0.8	0.8
Black walnut					
Black walnut	0.0	0.2	0.5	18.0	18.8
Group subtotal	0.0	0.2	0.5	18.0	18.8
Other eastern soft hardwoods					
Boxelder	0.0	0.0	0.3	0.6	0.9
Ohio buckeye	0.0	--	--	0.1	0.1
River birch	--	0.1	0.0	-1.7	-1.7
Northern catalpa	--	--	--	-0.5	-0.5
Sugarberry	--	--	0.1	0.0	0.1
Hackberry	0.0	0.1	0.7	11.1	12.0
Butternut	--	--	--	0.1	0.1
Cucumbertree	--	--	--	0.0	0.0
American sycamore	0.5	0.4	0.5	12.9	14.3
Black cherry	0.2	0.0	0.0	1.5	1.8
Black willow	--	0.1	1.3	4.3	5.6
Sassafras	0.0	-0.1	0.0	0.4	0.4
Winged elm	0.1	0.0	0.0	0.3	0.3
American elm	0.1	0.2	0.0	-0.7	-0.4
Slippery elm	-0.1	0.0	0.1	0.5	0.5
Group subtotal	0.8	0.9	2.8	29.0	33.5
Other eastern hard hardwoods					
Flowering dogwood	0.0	--	0.0	-0.1	-0.1
Common persimmon	0.0	0.0	0.0	-0.1	-0.1
Honeylocust	0.0	-0.4	0.1	6.0	5.7
Kentucky coffeetree	--	--	0.0	0.4	0.4
White mulberry	--	--	--	-0.1	-0.1
Red mulberry	0.0	0.0	-0.7	0.3	-0.4
Black locust	0.0	--	0.0	1.7	1.8
Group subtotal	0.1	-0.4	-0.6	8.1	7.2
All hardwoods	20.6	1.5	15.1	262.5	299.7
All species group	27.9	1.0	16.9	282.4	328.3

All table cells without observations in the inventory sample are indicated by --.

Table value of 0.0 indicates the number of trees rounds to less than 100,000 cubic feet.

Columns and rows may not add to their totals due to rounding.

Table MO-25.—Average annual mortality of trees (at least 5 inches d.b.h./d.r.c.), in million cubic feet, by owner class and forest-land status, Missouri, 2013

Owner class	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
Forest Service							
National forest	35.2	0.0	35.2	2.7	0.0	2.8	38.0
Other Federal							
National Park Service	--	--	--	0.6	--	0.6	0.6
Fish and Wildlife Service	--	--	--	0.3	--	0.3	0.3
Department of Defense or Energy	3.2	--	3.2	0.0	--	0.0	3.2
Other Federal	3.1	--	3.1	--	--	--	3.1
State and local government							
State	18.6	0.3	18.9	4.2	--	4.2	23.2
Local (county, municipal, etc.)	1.0	--	1.0	--	--	--	1.0
Private							
Undifferentiated private	222.5	1.5	224.0	--	--	--	224.0
All owners	283.5	1.9	285.4	7.8	0.0	7.9	293.3

All table cells without observations in the inventory sample are indicated by --.

Table value of 0.0 indicates the volume rounds to less than 100,000 cubic feet.

Columns and rows may not add to their totals due to rounding.

Estimates are assigned to owner class and forest-land status as identified in previous inventory when available, else assigned from current inventory.

Table MO-26.—Average annual mortality of trees (at least 5 inches d.b.h./d.r.c.), in million cubic feet, on forest land by forest-type group and stand-size class, Missouri, 2013

Forest-type group	Large diameter	Medium diameter	Small diameter	Nonstocked	All size classes
White / red / jack pine group	0.1	--	--	--	0.1
Loblolly / shortleaf pine group	3.0	1.1	--	--	4.1
Other eastern softwoods group	1.0	0.5	0.1	--	1.6
Oak / pine group	10.3	3.4	0.2	--	13.9
Oak / hickory group	179.4	49.3	3.4	--	232.0
Oak / gum / cypress group	1.2	0.0	--	--	1.2
Elm / ash / cottonwood group	30.1	6.1	1.0	--	37.2
Maple / beech / birch group	2.8	0.3	--	--	3.1
Nonstocked	--	--	--	0.1	0.1
All forest-type groups	227.7	60.8	4.7	0.1	293.3

All table cells without observations in the inventory sample are indicated by --.

Table value of 0.0 indicates the acres round to less than 100,000 cubic feet.

Columns and rows may not add to their totals due to rounding.

Estimates are assigned to forest-type group and stand-size class as identified in previous inventory when available, else assigned from current inventory.

Table MO-27.—Average annual mortality of trees (at least 5 inches d.b.h./d.r.c.), in million cubic feet, on forest land by species group, species, and ownership group, Missouri, 2013

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Softwood species groups					
Eastern softwood species groups					
Loblolly and shortleaf pines					
Shortleaf pine	4.5	0.1	0.4	2.4	7.4
Group subtotal	4.5	0.1	0.4	2.4	7.4
Other yellow pines					
Virginia pine	--	--	--	0.1	0.1
Group subtotal	--	0.0	0.0	0.1	0.1
Eastern w hite and red pines					
Eastern w hite pine	--	--	0.0	--	0.0
Group subtotal	--	0.0	0.0	0.0	0.0
Other eastern softw oods					
Eastern redcedar	0.1	0.0	0.1	2.3	2.5
Group subtotal	0.1	0.0	0.1	2.3	2.5
All softwoods	4.5	0.1	0.6	4.8	10.0

(Table 27 continued on next page)

(Table 27 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Hardwood species groups					
Eastern hardwood species groups					
Select white oaks					
White oak	5.7	0.4	3.6	22.5	32.2
Swamp white oak	--	--	--	0.4	0.4
Bur oak	--	--	--	1.4	1.4
Chickasaw oak	1.1	0.5	0.3	2.8	4.6
Group subtotal	6.8	0.9	3.9	27.2	38.7
Select red oaks					
Northern red oak	1.8	0.7	0.3	12.5	15.3
Shumard oak	0.3	--	--	0.8	1.1
Group subtotal	2.1	0.7	0.3	13.3	16.4
Other white oaks					
Overcup oak	--	0.0	--	0.0	0.0
Post oak	1.6	0.0	0.5	14.4	16.6
Group subtotal	1.6	0.0	0.5	14.4	16.6
Other red oaks					
Scarlet oak	8.6	0.1	3.5	10.1	22.3
Southern red oak	0.5	--	--	0.1	0.6
Shingle oak	--	0.0	0.0	3.0	3.0
Blackjack oak	0.4	--	0.4	9.7	10.4
Pin oak	--	--	0.0	3.6	3.7
Black oak	10.8	0.9	2.2	45.5	59.4
Group subtotal	20.3	1.1	6.1	72.0	99.5
Hickory					
Bitternut hickory	0.0	--	0.3	1.4	1.7
Pignut hickory	0.1	--	0.0	1.5	1.6
Pecan	--	--	0.0	0.1	0.2
Shellbark hickory	--	--	0.5	0.0	0.5
Shagbark hickory	0.2	0.1	0.2	2.9	3.4
Black hickory	0.4	0.0	0.1	2.5	3.0
Mockernut hickory	0.5	0.1	0.8	3.8	5.2
Group subtotal	1.2	0.2	1.9	12.3	15.6
Hard maple					
Sugar maple	0.1	0.0	0.8	5.1	6.1
Group subtotal	0.1	0.0	0.8	5.1	6.1
Soft maple					
Red maple	0.1	--	--	0.6	0.8
Silver maple	--	0.8	4.4	6.7	11.9
Group subtotal	0.1	0.8	4.4	7.3	12.7

(Table 27 continued on next page)

(Table 27 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Eastern hardwood species groups					
Beech					
American beech	--	--	1.2	--	1.2
Group subtotal	--	0.0	1.2	0.0	1.2
Sweetgum					
Sweetgum	--	--	--	0.3	0.3
Group subtotal	--	0.0	0.0	0.3	0.3
Tupelo and blackgum					
Blackgum	0.0	--	0.0	0.8	0.8
Group subtotal	0.0	0.0	0.0	0.8	0.8
Ash					
White ash	0.0	0.1	0.1	4.7	4.8
Green ash	--	0.0	0.4	1.8	2.2
Group subtotal	0.0	0.1	0.5	6.4	7.0
Cottonwood and aspen					
Eastern cottonwood	--	0.5	0.2	4.6	5.3
Group subtotal	--	0.5	0.2	4.6	5.3
Basswood					
American basswood	0.0	--	0.1	0.2	0.4
Group subtotal	0.0	0.0	0.1	0.2	0.4
Black walnut					
Black walnut	0.2	0.1	0.0	3.2	3.6
Group subtotal	0.2	0.1	0.0	3.2	3.6
Other eastern soft hardwoods					
Boxelder	--	0.1	0.1	3.4	3.6
River birch	--	--	0.0	2.9	3.0
Northern catalpa	--	--	--	0.5	0.5
Hackberry	--	0.0	--	3.5	3.6
American sycamore	0.0	1.0	--	1.9	2.9
Black cherry	0.1	0.0	0.1	2.2	2.4
Black willow	--	0.2	0.3	2.2	2.6
Sassafras	0.0	0.1	0.1	1.2	1.5
Winged elm	0.0	0.1	0.0	0.8	0.9
American elm	0.0	0.1	0.5	16.7	17.4
Slippery elm	0.3	0.0	0.2	3.9	4.4
Group subtotal	0.6	1.6	1.4	39.3	42.8

(Table 27 continued on next page)

(Table 27 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Eastern hardwood species groups					
Other eastern hardwoods					
Flowering dogwood	0.0	--	0.0	0.4	0.4
Common persimmon	0.0	0.1	0.0	1.0	1.1
Waterlocust	--	0.2	--	--	0.2
Honeylocust	0.0	0.8	0.2	6.3	7.4
White mulberry	--	--	--	0.4	0.4
Red mulberry	0.0	--	1.6	2.2	3.8
Oak spp.	--	--	--	0.0	0.0
Black locust	0.1	--	0.1	0.8	0.9
Group subtotal	0.2	1.1	1.9	11.0	14.3
Eastern noncommercial hardwoods					
Serviceberry spp.	0.0	--	--	0.1	0.1
Common serviceberry	0.0	--	--	0.0	0.0
Paw paw	--	--	--	0.0	0.0
Chittamwood, gum bumelia	0.0	--	--	--	0.0
American hornbeam, muscledwood	0.0	--	--	0.0	0.0
Eastern redbud	0.1	--	0.0	0.8	0.9
Hawthorn spp.	--	--	0.1	0.0	0.1
Osage-orange	--	--	0.1	0.6	0.6
Eastern hophornbeam	--	--	--	0.1	0.1
American plum	--	--	0.1	0.0	0.1
Group subtotal	0.1	0.0	0.2	1.6	2.0
All hardwoods	33.5	7.1	23.6	219.2	283.3
All species groups	38.0	7.1	24.2	224.0	293.3

All table cells without observations in the inventory sample are indicated by --.
Table value of 0.0 indicates the volume rounds to less than 100,000 cubic feet.
Columns and rows may not add to their totals due to rounding.

Estimates are assigned to ownership group as identified in previous inventory when available, else assigned from current inventory.

Table MO-28.—Average annual mortality of growing-stock trees (at least 5 inches d.b.h.), in million cubic feet, on timberland by species group, species, and ownership group, Missouri, 2013

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Softwood species groups					
Eastern softwood species groups					
Loblolly and shortleaf pines					
Shortleaf pine	4.3	--	0.1	2.3	6.7
Group subtotal	4.3	--	0.1	2.3	6.7
Eastern white and red pines					
Eastern white pine	--	--	0.0	--	0.0
Group subtotal	--	--	0.0	--	0.0
Other eastern softwoods					
Eastern redcedar	0.0	0.0	0.0	1.4	1.5
Group subtotal	0.0	0.0	0.0	1.4	1.5
All softwoods	4.3	0.0	0.2	3.8	8.3

(Table 28 continued on next page)

(Table 28 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Hardwood species groups					
Eastern hardwood species groups					
Select white oaks					
White oak	4.3	0.4	1.5	16.9	23.2
Swamp white oak	0.0	0.0	0.0	0.4	0.4
Bur oak	0.0	0.0	0.0	0.9	0.9
Chinkapin oak	0.8	0.4	0.3	1.9	3.4
Group subtotal	5.2	0.8	1.8	20.0	27.8
Select red oaks					
Northern red oak	1.7	0.6	0.1	7.5	10.0
Shumard oak	0.0	0.0	0.0	0.2	0.2
Group subtotal	1.7	0.6	0.1	7.7	10.2
Other white oaks					
Overcup oak	0.0	0.0	0.0	0.0	0.0
Post oak	0.9	0.0	0.5	10.3	11.8
Group subtotal	0.9	0.0	0.5	10.4	11.8
Other red oaks					
Scarlet oak	7.3	0.0	1.1	8.3	16.8
Southern red oak	0.3	0.0	0.0	0.1	0.5
Shingle oak	0.0	0.0	0.0	2.6	2.6
Blackjack oak	0.1	0.0	0.1	4.8	5.1
Pin oak	0.0	0.0	0.0	3.1	3.1
Black oak	8.0	0.7	1.4	33.0	43.1
Group subtotal	15.7	0.8	2.7	51.9	71.2
Hickory					
Bitternut hickory	0.0	0.0	0.1	0.9	1.0
Pignut hickory	0.1	0.0	0.0	1.2	1.3
Pecan	0.0	0.0	0.0	0.1	0.1
Shellbark hickory	0.0	0.0	0.5	0.0	0.5
Shagbark hickory	0.1	0.1	0.0	2.4	2.6
Black hickory	0.3	0.0	0.0	1.6	1.9
Mockernut hickory	0.4	0.1	0.6	2.9	4.0
Group subtotal	0.9	0.2	1.2	9.0	11.4
Hard maple					
Sugar maple	0.1	0.0	0.4	2.3	2.8
Group subtotal	0.1	0.0	0.4	2.3	2.8

(Table 28 continued on next page)

(Table 28 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Soft maple					
Red maple	0.1	0.0	0.0	0.3	0.4
Silver maple	0.0	0.5	0.5	4.5	5.4
Group subtotal	0.1	0.5	0.5	4.8	5.8
Beech					
American beech	--	--	0.0	--	0.0
Group subtotal	--	--	0.0	--	0.0
Sw eetgum					
Sw eetgum	--	--	--	0.3	0.3
Group subtotal	--	--	--	0.3	0.3
Tupelo and blackgum					
Blackgum	0.0	--	0.0	0.0	0.1
Group subtotal	0.0	--	0.0	0.0	0.1
Ash					
White ash	0.0	--	0.0	3.3	3.4
Green ash	0.0	--	0.1	0.9	0.9
Group subtotal	0.0	--	0.1	4.2	4.3
Cottonw ood and aspen					
Eastern cottonw ood	--	0.4	0.2	3.9	4.5
Group subtotal	--	0.4	0.2	3.9	4.5
Bassw ood					
American bassw ood	0.0	--	--	0.2	0.3
Group subtotal	0.0	--	--	0.2	0.3
Black w alnut					
Black w alnut	0.2	0.1	--	2.2	2.4
Group subtotal	0.2	0.1	--	2.2	2.4
Other eastern soft hardw oods					
Boxelder	0.0	0.1	0.0	0.8	0.9
River birch	0.0	0.0	0.0	2.7	2.8
Northern catalpa	0.0	0.0	0.0	0.5	0.5
Hackberry	0.0	0.0	0.0	1.1	1.1
American sycamore	0.0	0.6	0.0	0.9	1.5
Black cherry	0.0	0.0	0.0	1.3	1.3
Black w illow	0.0	0.2	0.2	0.9	1.3
Sassafras	0.0	0.1	0.1	0.7	0.8
Winged elm	0.0	0.0	0.0	0.5	0.5
American elm	0.0	0.0	0.2	9.7	10.0
Slippery elm	0.3	0.0	0.1	2.6	3.0
Group subtotal	0.4	1.0	0.7	21.7	23.8

(Table 28 continued on next page)

(Table 28 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Other eastern hard hardwoods					
Flowering dogwood	0.0	0.0	0.0	0.2	0.2
Common persimmon	0.0	0.0	0.0	0.6	0.7
Honeylocust	0.0	0.7	0.1	1.4	2.2
White mulberry	0.0	0.0	0.0	0.1	0.1
Red mulberry	0.0	0.0	0.8	0.3	1.1
Black locust	0.0	0.0	0.0	0.6	0.6
Group subtotal	0.0	0.7	1.0	3.2	4.9
All hardwoods	25.3	5.1	9.3	141.8	181.5
All species groups	29.7	5.1	9.5	145.6	189.8

All table cells without observations in the inventory sample are indicated by --.
 Table value of 0.0 indicates the volume rounds to less than 100,000 cubic feet.
 Columns and rows may not add to their totals due to rounding.

Estimates are assigned to ownership group as identified in previous inventory when available, else assigned from current inventory.

Table MO-29.—Average annual removals of live trees (at least 5 inches d.b.h./d.r.c.), in million cubic feet, on forest land by species group, species, and ownership group, Missouri, 2013

Species group\Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Softwood species groups					
Eastern softwood species groups					
Loblolly and shortleaf pines					
Shortleaf pine	2.3	--	1.2	8.0	11.5
Group subtotal	2.3	--	1.2	8.0	11.5
Other eastern softwoods					
Eastern redcedar	--	--	0.4	10.4	10.8
Group subtotal	--	--	0.4	10.4	10.8
All softwoods	2.3	--	1.6	18.4	22.3

(Table 29 continued on next page)

(Table 29 continued)

Species group\Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Hardwood species groups					
Eastern hardwood species groups					
Select white oaks					
White oak	1.1	--	0.7	31.3	33.2
Swamp white oak	--	--	--	0.2	0.2
Bur oak	--	--	--	0.2	0.2
Chinkapin oak	--	--	--	3.8	3.8
Group subtotal	1.1	--	0.7	35.5	37.3
Select red oaks					
Cherrybark oak	--	--	--	0.0	0.0
Northern red oak	0.1	--	0.0	5.3	5.4
Shumard oak	--	--	--	0.0	0.0
Group subtotal	0.1	--	0.0	5.3	5.5
Other white oaks					
Post oak	0.1	--	0.9	16.6	17.6
Group subtotal	0.1	--	0.9	16.6	17.6
Other red oaks					
Scarlet oak	2.5	0.4	1.5	11.2	15.6
Southern red oak	0.4	--	--	--	0.4
Shingle oak	--	--	--	2.5	2.5
Blackjack oak	--	--	0.2	4.1	4.2
Pin oak	--	--	--	3.0	3.0
Black oak	3.9	--	2.6	35.1	41.6
Group subtotal	6.8	0.4	4.3	55.8	67.3
Hickory					
Bitternut hickory	--	--	0.0	0.8	0.8
Pignut hickory	0.1	--	0.2	1.5	1.8
Shellbark hickory	--	--	--	0.2	0.2
Shagbark hickory	--	--	--	3.1	3.1
Black hickory	0.0	--	0.4	2.1	2.5
Mockernut hickory	0.0	--	--	1.3	1.3
Group subtotal	0.1	--	0.7	9.0	9.7

(Table 29 continued on next page)

(Table 29 continued)

Species group\Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Hard maple					
Sugar maple	--	--	0.1	1.7	1.9
Group subtotal	--	--	0.1	1.7	1.9
Soft maple					
Red maple	0.0	--	--	0.1	0.1
Silver maple	--	--	--	3.5	3.5
Group subtotal	0.0	--	--	3.5	3.5
Tupelo and blackgum					
Blackgum	0.0	--	--	1.2	1.2
Group subtotal	0.0	--	--	1.2	1.2
Ash					
White ash	--	--	0.1	1.7	1.8
Green ash	--	--	0.1	5.1	5.2
Group subtotal	--	--	0.2	6.7	7.0
Cottonwood and aspen					
Eastern cottonwood	--	--	--	0.7	0.7
Group subtotal	--	--	--	0.7	0.7
Black walnut					
Black walnut	--	--	--	6.8	6.8
Group subtotal	--	--	--	6.8	6.8
Other eastern soft hardwoods					
Boxelder	--	--	0.0	0.8	0.8
Ohio buckeye	--	--	--	0.1	0.1
River birch	--	--	--	0.5	0.5
Sugarberry	--	--	--	0.2	0.2
Hackberry	--	--	0.1	2.0	2.1
American sycamore	--	--	0.2	0.1	0.3
Black cherry	--	--	--	0.5	0.5
Black willow	--	--	--	0.3	0.3
Sassafras	--	--	0.0	0.1	0.2
Winged elm	--	--	--	0.2	0.2
American elm	0.0	0.0	0.0	3.2	3.3
Slippery elm	0.0	--	--	1.3	1.3
Group subtotal	0.1	0.0	0.4	9.5	9.9

(Table 29 continued on next page)

(Table 29 continued)

Species group\Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Other eastern hard hardwoods					
Flow ering dogw ood	0.0	--	--	0.1	0.1
Common persimmon	--	--	--	0.2	0.2
Honeylocust	--	--	--	4.8	4.8
White mulberry	--	--	--	0.0	0.0
Red mulberry	--	--	--	0.9	0.9
Black locust	--	--	--	0.2	0.2
Group subtotal	0.0	--	--	6.2	6.2
Eastern noncommercial hardwoods					
Chittamw ood, gum bumelia	--	--	--	0.0	0.0
Eastern redbud	--	--	--	0.1	0.1
Osage-orange	--	--	--	1.7	1.7
Group subtotal	--	--	--	1.8	1.8
All hardwoods	8.3	0.4	7.3	160.4	176.5
All species groups	10.6	0.4	9.0	178.8	198.8

All table cells without observations in the inventory sample are indicated by --.

Table value of 0.0 indicates the volume rounds to less than 100,000 cubic feet.

Columns and rows may not add to their totals due to rounding.

Estimates are assigned to ownership group as identified in previous inventory when available, else assigned from current inventory.

Table MO-30.—Average annual removals of growing-stock trees (at least 5 inches d.b.h.), in million cubic feet, on timberland by species group, species, and ownership group, Missouri, 2013

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Softwood species groups					
Eastern softwood species groups					
Loblolly and shortleaf pines					
Shortleaf pine	2.3	--	1.2	7.8	11.2
Group subtotal	2.3	--	1.2	7.8	11.2
Other eastern softwoods					
Eastern redcedar	--	--	0.2	8.6	8.8
Group subtotal	--	--	0.2	8.6	8.8
All softwoods	2.3	--	1.4	16.4	20.0

(Table 30 continued on next page)

(Table 30 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Hardwood species groups					
Eastern hardwood species groups					
Select white oaks					
White oak	1.0	--	0.7	31.8	33.5
Swamp white oak	--	--	--	0.2	0.2
Bur oak	--	--	--	0.2	0.2
Chinkapin oak	0.0	--	--	2.8	2.9
Group subtotal	1.0	--	0.7	35.0	36.7
Select red oaks					
Cherrybark oak	--	--	--	0.0	0.0
Northern red oak	0.0	--	0.0	5.6	5.6
Shumard oak	0.0	--	--	0.0	0.0
Group subtotal	0.1	--	0.0	5.6	5.7
Other white oaks					
Post oak	0.4	--	0.7	13.8	14.9
Group subtotal	0.4	--	0.7	13.8	14.9
Other red oaks					
Scarlet oak	2.0	--	1.3	10.4	13.6
Southern red oak	0.4	--	--	--	0.4
Shingle oak	--	--	--	1.7	1.7
Blackjack oak	--	--	0.2	2.1	2.2
Pin oak	--	--	--	2.9	2.9
Black oak	3.6	--	2.6	31.5	37.7
Group subtotal	6.0	--	4.1	48.5	58.5
Hickory					
Bitternut hickory	0.0	--	0.0	0.7	0.8
Pignut hickory	0.0	--	0.2	1.5	1.7
Shellbark hickory	--	--	--	0.2	0.2
Shagbark hickory	--	--	--	2.8	2.8
Black hickory	0.0	--	0.4	2.1	2.5
Mockernut hickory	0.0	--	--	1.4	1.4
Group subtotal	0.1	--	0.6	8.7	9.4
Hard maple					
Sugar maple	--	--	0.1	1.7	1.7
Group subtotal	--	--	0.1	1.7	1.7
Soft maple					
Red maple	0.0	--	--	0.0	0.0
Silver maple	--	--	--	3.2	3.2
Group subtotal	0.0	--	--	3.3	3.3

(Table 30 continued on next page)

(Table 30 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Tupelo and blackgum					
Blackgum	--	--	--	1.2	1.2
Group subtotal	--	--	--	1.2	1.2
Ash					
White ash	0.0	--	0.1	1.3	1.4
Green ash	--	--	0.1	4.7	4.8
Group subtotal	0.0	--	0.2	6.0	6.2
Cottonwood and aspen					
Eastern cottonwood	--	--	--	0.7	0.7
Group subtotal	--	--	--	0.7	0.7
Black walnut					
Black walnut	--	--	--	5.3	5.3
Group subtotal	--	--	--	5.3	5.3
Other eastern soft hardwoods					
Boxelder	--	--	--	0.5	0.5
Ohio buckeye	--	--	--	0.0	0.0
Sugarberry	--	--	--	0.2	0.2
Hackberry	--	--	0.1	1.3	1.4
American sycamore	--	--	0.2	0.1	0.3
Black cherry	--	--	--	0.3	0.3
Black willow	--	--	--	0.1	0.1
Sassafras	--	--	0.0	0.1	0.1
Winged elm	--	--	--	0.2	0.2
American elm	0.0	--	--	1.6	1.6
Slippery elm	0.0	--	--	0.9	1.0
Group subtotal	0.1	--	0.3	5.4	5.7
Other eastern hard hardwoods					
Flowering dogwood	--	--	--	0.0	0.0
Common persimmon	--	--	--	0.1	0.1
Honeylocust	--	--	--	2.0	2.0
Red mulberry	--	--	--	0.1	0.1
Black locust	--	--	--	0.2	0.2
Group subtotal	--	--	--	2.5	2.5
All hardwoods	7.5	--	6.7	137.6	151.8
	9.8	--	8.1	153.9	171.8

All table cells without observations in the inventory sample are indicated by --.

Table value of 0.0 indicates the volume rounds to less than 100,000 cubic feet.

Columns and rows may not add to their totals due to rounding.

Estimates are assigned to ownership group as identified in previous inventory when available, else assigned from current inventory.

Table MO-31.—Aboveground dry weight of live trees (at least 1 inch d.b.h./d.r.c.), in thousand dry short tons, by owner class and forest-land status, Missouri, 2013

Owner class	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
Forest Service							
National forest	63,134	362	63,496	4,653	--	4,653	68,149
Other Federal							
National Park Service	--	--	--	2,664	--	2,664	2,664
Fish and Wildlife Service	--	--	--	1,472	--	1,472	1,472
Department of Defense or Energy	7,841	84	7,925	227	--	227	8,152
Other Federal	1,322	--	1,322	--	--	--	1,322
State and local government							
State	26,086	79	26,165	6,331	--	6,331	32,496
Local (county, municipal, etc.)	4,017	--	4,017	--	--	--	4,017
Private							
Undifferentiated private	517,624	5,589	523,213	--	--	--	523,213
All owners	620,023	6,114	626,137	15,348	--	15,348	641,485

All table cells without observations in the inventory sample are indicated by --.
 Table value of 0 indicates the aboveground tree biomass rounds to less than 1,000 dry tons.
 Columns and rows may not add to their totals due to rounding.

Table MO-32.—Aboveground dry weight of live trees (at least 1 inch d.b.h./d.r.c.), in thousand dry short tons, on forest land by species group, species, and diameter class, Missouri, 2013

Species group/Species	Diameter class(inches)															Total
	1.0-	3.0-	5.0-	7.0-	9.0-	11.0-	13.0-	15.0-	17.0-	19.0-	21.0-	23.0-	25.0-	27.0-	29.0+	
Softwood species group	2.9	4.9	6.9	8.9	10.9	12.9	14.9	16.9	18.9	20.9	22.9	24.9	26.9	28.9	29.0+	
Eastern softwood species groups																
Loblolly and shortleaf pines																
Shortleaf pine	122.1	445.7	877.3	1,970.9	3,319.0	3,948.9	3,786.2	2,564.4	1,242.5	977.8	314.5	111.1	118.5	--	--	19,799.0
Group subtotal	122.1	445.7	877.3	1,970.9	3,319.0	3,948.9	3,786.2	2,564.4	1,242.5	977.8	314.5	111.1	118.5	--	--	19,799.0
Other yellow pines																
Scotch pine	--	--	1.8	--	--	--	--	--	--	--	--	--	--	--	--	1.8
Virginia pine	3.5	--	--	3.2	--	--	--	--	--	--	--	--	--	--	--	6.7
Group subtotal	3.5	--	1.8	3.2	--	--	--	--	--	--	--	--	--	--	--	8.5
Eastern white and red pines																
Eastern white pine	--	--	5.8	15.5	--	31.1	68.2	24.8	29.6	--	--	--	--	--	--	174.9
Group subtotal	--	--	5.8	15.5	--	31.1	68.2	24.8	29.6	--	--	--	--	--	--	174.9
Other eastern softwoods																
Eastern redcedar	1,120.0	2,891.7	3,810.4	4,146.3	3,280.3	1,940.4	1,227.1	510.9	161.5	33.8	--	44.4	--	--	--	19,166.8
Group subtotal	1,120.0	2,891.7	3,810.4	4,146.3	3,280.3	1,940.4	1,227.1	510.9	161.5	33.8	--	44.4	--	--	--	19,166.8
All softwoods	1,245.6	3,337.4	4,695.3	6,135.9	6,599.3	5,920.4	5,081.5	3,100.1	1,433.6	1,011.6	314.5	155.5	118.5	--	--	39,149.2

(Table 32 continued on next page)

(Table 32 continued)

Species group/Species	Diameter class(inches)															Total
	1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-22.9	23.0-24.9	25.0-26.9	27.0-28.9	29.0+	
Hardwood species groups																
Eastern hardwood species groups																
Select white oaks																
White oak	1,227.8	4,343.5	6,641.2	10,070.3	14,391.4	17,610.9	18,270.3	16,024.1	12,025.2	8,523.2	5,748.6	2,813.9	2,531.0	1,217.9	2,459.0	123,898.5
Swamp white oak	7.8	36.0	109.0	174.1	191.5	333.0	242.1	350.7	567.6	140.5	64.7	99.3	98.3	--	297.3	2,711.9
Bur oak	23.1	120.2	142.6	141.2	223.6	249.2	514.2	401.6	329.8	248.2	300.1	249.3	267.9	385.8	568.2	4,164.9
Swamp chestnut oak	--	10.7	3.3	7.5	--	--	--	--	--	--	--	76.1	--	--	--	97.6
Chinkapin oak	198.1	564.0	842.7	1,481.0	1,789.0	1,886.6	1,831.3	1,321.2	981.8	756.5	424.8	565.5	91.5	260.3	242.3	13,236.7
Group subtotal	1,456.8	5,074.4	7,738.8	11,874.1	16,595.5	20,079.7	20,857.9	18,097.6	13,904.4	9,668.4	6,538.2	3,804.1	2,988.7	1,864.0	3,566.8	144,109.6
Select red oaks																
Cherrybark oak	--	14.6	26.9	27.3	46.4	64.3	24.6	36.7	128.3	--	--	--	--	--	--	369.2
Northern red oak	252.9	697.9	951.0	1,702.6	2,280.8	2,893.0	3,442.6	3,665.1	3,721.8	2,720.7	2,358.0	1,515.7	885.0	574.0	1,880.2	29,541.3
Shumard oak	42.6	155.8	374.4	450.4	534.5	451.1	502.2	479.9	532.1	269.1	27.9	92.2	240.9	232.9	172.5	4,558.6
Group subtotal	295.5	868.3	1,352.3	2,180.3	2,861.7	3,408.4	3,969.4	4,181.7	4,382.2	2,989.8	2,385.9	1,607.9	1,125.9	806.9	2,052.7	34,469.1
Other white oaks																
Overcup oak	--	15.4	8.0	41.8	43.9	54.7	86.3	--	--	--	--	--	--	--	89.6	339.7
Post oak	693.1	2,550.0	5,281.0	9,113.2	11,104.2	10,987.5	9,264.8	7,072.8	4,881.1	2,622.4	2,152.6	1,021.1	374.1	340.1	783.4	68,241.4
Group subtotal	693.1	2,565.4	5,289.0	9,155.0	11,148.1	11,042.2	9,351.1	7,072.8	4,881.1	2,622.4	2,152.6	1,021.1	374.1	340.1	873.0	68,581.1
Other red oaks																
Scarlet oak	133.2	331.6	738.2	1,643.0	2,430.5	2,770.7	3,039.0	2,476.2	1,998.8	832.3	843.6	220.9	160.4	68.1	78.5	17,765.2
Southern red oak	27.6	146.9	183.9	262.6	352.6	333.0	345.8	395.5	333.6	153.1	163.7	95.5	--	125.2	--	2,918.8
Shingle oak	224.1	521.5	745.2	888.8	1,165.9	1,156.6	810.0	605.4	628.2	689.6	562.2	377.7	531.2	135.1	181.6	9,223.1
Blackjack oak	323.0	704.6	785.5	903.7	832.9	751.6	747.8	666.6	337.0	174.8	68.2	--	--	--	--	6,295.8
Water oak	--	--	3.1	5.3	--	--	--	--	--	--	--	--	--	--	--	8.4
Nuttall oak	--	--	--	5.6	--	--	--	40.2	--	--	--	--	--	--	--	45.8
Pin oak	37.6	146.9	274.0	477.4	570.6	995.8	1,098.3	1,129.2	713.2	854.0	853.6	267.6	210.3	180.4	565.5	8,374.4
Willow oak	2.5	--	16.4	9.2	11.5	--	54.3	--	58.5	50.6	--	--	--	--	--	202.9
Black oak	778.8	2,388.6	3,755.6	6,766.9	10,030.7	12,407.4	12,438.9	11,550.1	8,157.0	6,155.0	3,873.0	2,736.6	2,035.3	871.3	679.7	84,624.7
Group subtotal	1,526.8	4,240.1	6,501.9	10,962.5	15,394.7	18,415.1	18,534.1	16,863.2	12,226.3	8,909.4	6,364.3	3,698.3	2,937.2	1,380.1	1,505.3	129,459.1

(Table 32 continued on next page)

(Table 32 continued)

Species group/Species	Diameter class(inches)															Total
	1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-22.9	23.0-24.9	25.0-26.9	27.0-28.9	29.0+	
Hickory																
Bitternut hickory	270.7	644.1	976.1	1,378.7	1,565.8	1,323.9	1,202.5	1,178.3	647.5	311.8	237.6	90.3	111.5	--	--	9,938.7
Pignut hickory	174.3	559.4	846.3	1,061.9	1,259.9	1,325.3	1,209.0	619.7	737.5	283.0	--	210.5	--	--	--	8,286.9
Pecan	--	37.1	106.4	95.5	103.2	140.5	251.9	364.5	72.8	99.9	86.2	--	130.6	153.5	--	1,642.0
Shellbark hickory	17.4	--	58.0	132.5	140.9	198.0	134.2	--	--	68.6	74.8	179.1	--	242.7	--	1,246.2
Shagbark hickory	461.7	1,480.1	2,045.4	2,768.4	3,375.7	3,001.4	2,788.4	1,897.1	1,401.1	682.7	429.0	103.0	136.6	--	330.1	20,900.8
Black hickory	1,174.9	1,958.6	2,215.6	2,503.1	2,560.2	2,215.8	1,478.9	846.8	821.0	394.9	73.8	--	--	--	--	16,243.7
Mockernut hickory	816.7	1,693.7	1,858.7	2,001.5	2,243.7	1,968.3	1,884.6	1,296.2	595.9	352.2	79.0	--	--	--	--	14,790.4
Red hickory	13.4	18.0	7.6	5.9	11.5	--	27.8	--	--	--	--	--	--	--	--	84.1
Group subtotal	2,929.1	6,391.0	8,114.1	9,947.5	11,260.9	10,173.2	8,977.3	6,202.6	4,275.8	2,193.1	980.4	582.9	378.7	396.2	330.1	73,132.8
Hard maple																
Black maple	--	--	--	--	11.8	--	--	--	--	--	--	--	--	--	--	11.8
Sugar maple	729.7	1,316.7	1,392.4	1,507.7	1,562.0	1,310.2	825.5	958.8	433.6	146.3	323.1	82.5	192.1	--	--	10,780.7
Group subtotal	729.7	1,316.7	1,392.4	1,507.7	1,573.8	1,310.2	825.5	958.8	433.6	146.3	323.1	82.5	192.1	--	--	10,792.5
Soft maple																
Red maple	561.0	616.3	292.6	244.5	102.0	248.6	69.1	29.5	80.1	156.5	144.4	--	111.2	--	--	2,655.8
Silver maple	69.0	166.7	335.1	471.0	696.8	716.1	953.9	670.6	800.6	665.2	1,029.8	410.1	308.8	90.2	896.4	8,280.2
Group subtotal	630.0	783.0	627.7	715.5	798.8	964.7	1,023.0	700.1	880.7	821.7	1,174.2	410.1	420.0	90.2	896.4	10,936.0
Beech																
American beech	6.7	--	1.4	10.4	4.0	--	29.5	35.7	31.2	96.3	45.3	--	--	--	--	260.6
Group subtotal	6.7	--	1.4	10.4	4.0	--	29.5	35.7	31.2	96.3	45.3	--	--	--	--	260.6
Sweetgum																
Sweetgum	23.9	79.8	136.0	109.9	87.1	127.7	53.7	28.2	14.7	97.3	53.3	--	--	--	--	811.5
Group subtotal	23.9	79.8	136.0	109.9	87.1	127.7	53.7	28.2	14.7	97.3	53.3	--	--	--	--	811.5
Tupelo and blackgum																
Water tupelo	--	--	8.3	6.8	7.3	31.1	146.8	103.0	129.2	--	65.3	--	--	--	--	497.9
Blackgum	511.9	768.5	562.1	419.9	391.5	291.6	274.1	168.9	151.5	101.3	131.4	72.9	73.3	--	--	3,919.0
Group subtotal	511.9	768.5	562.1	419.9	391.5	291.6	274.1	168.9	151.5	101.3	131.4	72.9	73.3	--	--	3,919.0
Ash																
White ash	374.5	944.5	925.0	1,054.3	1,170.2	916.0	1,386.1	841.7	711.5	454.9	179.4	75.5	--	54.2	--	9,088.0
Green ash	277.3	477.9	445.0	586.5	834.9	764.5	753.2	416.5	520.6	295.2	274.9	96.9	90.5	107.8	--	5,941.6
Pumpkin ash	--	--	--	5.1	--	14.5	22.4	--	81.8	65.1	--	--	--	--	--	188.9
Blue ash	8.7	67.4	51.7	58.9	69.7	24.3	81.7	--	--	--	37.3	--	--	98.3	--	498.1
Group subtotal	660.5	1,489.8	1,421.7	1,704.8	2,074.8	1,719.3	2,243.4	1,258.2	1,313.9	815.2	491.6	172.4	90.5	260.3	--	15,716.6

(Table 32 continued on next page)

(Table 32 continued)

Species group/Species	Diameter class(inches)															Total
	1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-22.9	23.0-24.9	25.0-26.9	27.0-28.9	29.0+	
Cottonwood and aspen																
eastern cottonwood	8	13	32	125	103	205	144	294	372	409	521	565	69	112	1,703	4,675
Group subtotal	8	13	32	125	103	205	144	294	372	409	521	565	69	112	1,703	4,675
Basswood																
American basswood	22	12	26	49	99	79	102	101	50	61	36	99	--	--	76	811
Group subtotal	22	12	26	49	99	79	102	101	50	61	36	99	--	--	76	811
Yellow-poplar																
Yellow-poplar	8	8	28	28	23	39	--	60	84	72	66	--	--	--	--	414
Group subtotal	8	8	28	28	23	39	--	60	84	72	66	--	--	--	--	414
Black walnut																
Black walnut	155	439	888	1,407	2,008	2,523	2,825	2,711	1,574	1,491	732	364	143	262	357	17,877
Group subtotal	155	439	888	1,407	2,008	2,523	2,825	2,711	1,574	1,491	732	364	143	262	357	17,877
Other eastern soft hardwoods																
Boxelder	180	443	240	332	359	245	203	129	209	34	76	--	--	--	--	2,448
Ohio buckeye	84	59	48	38	7	40	--	--	--	--	--	--	--	--	--	276
River birch	12	41	62	81	143	137	167	163	38	--	--	--	--	--	125	968
Northern catalpa	--	--	2	5	12	--	--	--	--	--	--	--	--	--	--	18
Sugarberry	20	19	9	34	9	--	35	--	--	--	--	60	--	--	--	186
Hackberry	441	955	1,076	1,327	1,435	1,383	1,296	1,162	615	696	413	136	517	--	238	11,690
Butternut	2	--	--	7	5	--	6	34	--	--	--	--	--	--	--	54
Cucumbertree	--	--	2	--	--	--	--	--	--	--	--	--	--	--	--	2
American sycamore	15	49	262	416	546	521	683	1,088	1,141	1,214	835	654	575	668	683	9,348
Black cherry	259	534	638	666	591	419	326	235	140	--	108	--	--	--	--	3,914
Black willow	41	101	155	234	278	263	124	69	243	160	--	123	149	80	--	2,018
Sassafras	513	838	386	218	217	119	74	25	--	34	--	--	--	--	--	2,424
Winged elm	472	601	540	335	134	70	148	--	18	--	--	--	--	--	--	2,318
American elm	727	1,690	2,077	1,980	1,577	1,334	786	566	463	389	97	60	72	--	170	11,988
Siberian elm	--	--	--	9	--	11	--	--	--	--	--	--	--	--	112	132
Slippery elm	367	690	600	656	387	289	153	196	151	67	26	--	--	--	--	3,581
Group subtotal	3,132	6,020	6,095	6,338	5,698	4,830	4,001	3,667	3,018	2,593	1,555	1,033	1,312	747	1,328	51,366

(Table 32 continued on next page)

(Table 32 continued)

Species group/Species	Diameter class(inches)															Total
	1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-22.9	23.0-24.9	25.0-26.9	27.0-28.9	29.0+	
Other eastern hard hardwoods																
Flowering dogwood	1,562	1,590	316	43	--	--	--	--	--	--	--	--	--	--	--	3,511
Common persimmon	233	538	395	231	184	93	--	--	--	--	--	--	--	--	--	1,674
Honeylocust	130	532	595	1,070	1,444	1,619	1,534	1,077	1,014	620	365	337	49	226	400	11,011
Kentucky coffeetree	1	15	26	27	97	110	90	26	26	--	--	--	--	--	--	416
Mulberry spp.	--	--	--	--	--	15	--	--	--	--	--	--	--	--	--	15
White mulberry	10	35	41	54	34	24	--	--	--	--	--	--	--	--	--	198
Red mulberry	219	498	477	535	573	308	238	300	169	195	259	--	51	57	--	3,877
Black locust	32	142	210	336	385	354	231	250	131	107	56	--	--	--	--	2,232
Group subtotal	2,187	3,350	2,059	2,296	2,716	2,522	2,093	1,653	1,340	922	679	337	100	282	400	22,934
Eastern noncommercial hardwoods																
Ailanthus	5	10	6	3	7	10	--	--	--	--	--	--	--	--	--	41
Mimosa, silktree	--	--	14	--	7	--	--	--	--	--	--	--	--	--	--	21
Serviceberry spp.	115	72	41	5	8	--	--	--	--	--	--	--	--	--	--	240
Common serviceberry	23	39	5	--	--	--	--	--	--	--	--	--	--	--	--	67
Pawpaw	76	45	2	--	--	--	--	--	--	--	--	--	--	--	--	122
Chittamwood, gum bumelia	31	69	37	22	8	--	--	--	--	--	--	--	--	--	--	167
American hornbeam, musclewood	53	90	16	--	--	--	--	--	--	--	--	--	--	--	--	159
Chestnut spp.	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1
Eastern redbud	351	550	196	105	30	15	11	--	--	--	--	--	--	--	--	1,257
Hawthorn spp.	26	9	4	--	--	--	--	--	--	--	--	--	--	--	--	38
Downy hawthorn	--	--	2	--	--	--	--	--	--	--	--	--	--	--	--	2
Persimmon spp.	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1
Osage-orange	146	422	1,172	1,381	1,100	1,150	1,054	533	591	195	76	297	125	--	146	8,386
Apple spp.	3	7	--	--	--	--	--	--	--	--	--	--	--	--	--	10
Eastern hophornbeam	439	304	79	31	20	27	--	--	--	--	--	--	--	--	--	900
Cherry and plum spp.	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
American plum	69	--	7	--	--	--	--	--	--	--	--	--	--	--	--	76
Peachleaf willow	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2
Coastal plain willow	20	36	1	--	--	--	--	--	--	--	--	--	--	--	--	57
Smoketree	7	12	2	4	--	--	--	--	--	--	--	--	--	--	--	26
Other or unknown live tree	--	--	2	--	--	--	--	--	--	--	--	--	--	--	--	2
Group subtotal	1,365	1,666	1,585	1,552	1,179	1,202	1,065	533	591	195	76	297	125	--	146	11,574
All hardwoods	16,341	35,083	43,858	60,388	74,024	78,962	76,514	64,689	49,654	34,203	24,370	14,147	10,329	6,541	13,234	602,336
All species group	17,586	38,420	48,553	66,524	80,624	84,882	81,595	67,789	51,087	35,215	24,684	14,303	10,448	6,541	13,234	641,485

All table cells without observations in the inventory sample are indicated by --.
Table value of 0,0 indicates the number of trees rounds to less than 1,000 dry short tons. Columns and rows may not add to their totals due to rounding.

Table MO-54.—Area of accessible forest land, in thousand acres, by FIA inventory unit, county, and forest-land status, Missouri 2013

Inventory unit and county	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
Eastern Ozarks							
Bollinger	193.7	--	193.7	--	--	--	193.7
Butler	131.4	--	131.4	--	--	--	131.4
Carter	261.6	--	261.6	11.9	--	11.9	273.5
Crawford	264.6	--	264.6	2.3	--	2.3	266.9
Dent	319.2	6.3	325.6	5.9	--	5.9	331.5
Iron	291.3	3.0	294.3	15.0	--	15.0	309.3
Madison	223.3	--	223.3	9.1	--	9.1	232.4
Oregon	311.8	--	311.8	42.4	--	42.4	354.2
Reynolds	420.6	--	420.6	5.9	--	5.9	426.5
Ripley	291.8	--	291.8	--	--	--	291.8
St. Francois	165.8	--	165.8	5.9	--	5.9	171.7
Shannon	482.7	--	482.7	44.8	--	44.8	527.5
Washington	382.4	--	382.4	5.9	--	5.9	388.3
Wayne	397.5	7.5	405.0	9.8	--	9.8	414.8
Total	4,137.7	16.9	4,154.5	159.0	--	159.0	4,313.6
Southwestern Ozarks							
Barry	192.8	7.6	200.4	14.3	--	14.3	214.7
Christian	157.9	3.0	160.9	--	--	--	160.9
Douglas	307.9	5.9	313.8	--	--	--	313.8
Howell	254.9	--	254.9	3.0	--	3.0	258.0
McDonald	178.4	--	178.4	--	--	--	178.4
Newton	116.1	--	116.1	--	--	--	116.1
Ozark	278.8	--	278.8	6.1	--	6.1	284.9
Stone	178.3	--	178.3	3.0	--	3.0	181.3
Taney	277.3	12.5	289.8	20.5	--	20.5	310.3
Texas	454.2	--	454.2	3.0	--	3.0	457.3
Webster	131.8	--	131.8	--	--	--	131.8
Wright	166.3	11.0	177.3	--	--	--	177.3
Total	2,694.7	40.0	2,734.6	50.0	--	50.0	2,784.7

(Table 54 continued on next page)

(Table 54 continued)

Inventory unit and county	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
Northwestern Ozarks							
Benton	257.6	--	257.6	--	--	--	257.6
Camden	219.2	7.8	227.0	5.9	--	5.9	232.9
Cedar	106.9	1.4	108.3	--	--	--	108.3
Dallas	168.5	--	168.5	--	--	--	168.5
Hickory	129.2	5.6	134.8	4.8	--	4.8	139.6
Laclede	251.9	--	251.9	5.9	--	5.9	257.8
Maries	133.1	6.3	139.4	--	--	--	139.4
Miller	167.0	5.5	172.5	18.1	--	18.1	190.6
Morgan	171.4	2.5	173.9	--	--	--	173.9
Phelps	263.3	13.4	276.8	--	--	--	276.8
Polk	136.1	--	136.1	--	--	--	136.1
Pulaski	259.7	--	259.7	--	--	--	259.7
St. Clair	173.5	25.2	198.6	--	--	--	198.6
Total	2,437.4	67.7	2,505.2	34.7	--	34.7	2,539.8

(Table 54 continued on next page)

(Table 54 continued)

Inventory unit and county	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
Prairie							
Adair	75.9	7.1	83.0	1.3	--	1.3	84.3
Andrew	30.0	1.2	31.1	--	--	--	31.1
Atchison	39.3	--	39.3	--	--	--	39.3
Audrain	48.0	--	48.0	--	--	--	48.0
Barton	67.3	--	67.3	5.2	--	5.2	72.5
Bates	111.8	--	111.8	--	--	--	111.8
Buchanan	46.6	--	46.6	--	--	--	46.6
Caldwell	14.3	--	14.3	--	--	--	14.3
Carroll	39.8	--	39.8	--	--	--	39.8
Cass	118.3	--	118.3	--	--	--	118.3
Chariton	66.5	--	66.5	--	--	--	66.5
Clark	55.6	6.1	61.7	--	--	--	61.7
Clay	25.9	--	25.9	2.0	--	2.0	27.9
Clinton	4.5	--	4.5	--	--	--	4.5
Cooper	76.7	--	76.7	--	--	--	76.7
Dade	62.3	--	62.3	--	--	--	62.3
Daviess	61.2	--	61.2	--	--	--	61.2
DeKalb	29.0	--	29.0	--	--	--	29.0
Gentry	54.4	--	54.4	--	--	--	54.4
Greene	101.3	--	101.3	--	--	--	101.3
Grundy	28.7	--	28.7	6.0	--	6.0	34.7
Harrison	82.1	--	82.1	--	--	--	82.1
Henry	113.7	4.0	117.6	--	--	--	117.6
Holt	23.5	--	23.5	--	--	--	23.5
Jackson	57.1	--	57.1	4.5	--	4.5	61.6
Jasper	70.3	1.5	71.8	--	--	--	71.8
Johnson	80.6	--	80.6	6.0	--	6.0	86.5
Knox	48.9	--	48.9	--	--	--	48.9
Lafayette	38.1	--	38.1	--	--	--	38.1
Lawrence	82.4	--	82.4	--	--	--	82.4
Lewis	72.7	--	72.7	--	--	--	72.7
Lincoln	143.4	--	143.4	--	--	--	143.4
Linn	30.3	--	30.3	3.5	--	3.5	33.7

(Table 54 continued on next page)

(Table 54 continued)

Inventory unit and county	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
Prairie							
Livingston	53.8	--	53.8	--	--	--	53.8
Macon	100.3	--	100.3	--	--	--	100.3
Marion	41.5	1.6	43.1	--	--	--	43.1
Mercer	55.6	--	55.6	--	--	--	55.6
Monroe	125.9	--	125.9	--	--	--	125.9
Nodaway	38.3	--	38.3	--	--	--	38.3
Pettis	55.8	--	55.8	--	--	--	55.8
Pike	133.5	--	133.5	--	--	--	133.5
Platte	50.2	--	50.2	--	--	--	50.2
Putnam	67.6	--	67.6	--	--	--	67.6
Ralls	45.9	--	45.9	--	--	--	45.9
Randolph	53.3	--	53.3	--	--	--	53.3
Ray	45.8	--	45.8	--	--	--	45.8
Saline	78.9	--	78.9	6.0	--	6.0	84.9
Schuyler	42.0	--	42.0	--	--	--	42.0
Scotland	64.0	--	64.0	--	--	--	64.0
Shelby	61.0	--	61.0	--	--	--	61.0
Sullivan	81.7	--	81.7	--	--	--	81.7
Vernon	96.0	--	96.0	--	--	--	96.0
Worth	9.1	--	9.1	--	--	--	9.1
Total	3,300.8	21.3	3,322.1	34.3	--	34.3	3,356.5

(Table 54 continued on next page)

(Table 54 continued)

Inventory unit and county	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
Riverborder							
Boone	165.9	7.2	173.1	3.5	--	3.5	176.7
Callaway	219.1	4.8	223.9	--	--	--	223.9
Cape Girardeau	95.4	--	95.4	4.5	--	4.5	99.9
Cole	113.7	--	113.7	--	--	--	113.7
Dunklin	8.7	--	8.7	--	--	--	8.7
Franklin	290.0	--	290.0	9.0	--	9.0	299.0
Gasconade	154.5	14.4	169.0	--	--	--	169.0
Howard	90.0	--	90.0	4.5	--	4.5	94.5
Jefferson	207.3	--	207.3	--	--	--	207.3
Mississippi	15.7	--	15.7	--	--	--	15.7
Moniteau	41.1	3.4	44.4	--	--	--	44.4
Montgomery	108.9	1.5	110.4	--	--	--	110.4
New Madrid	26.9	--	26.9	--	--	--	26.9
Osage	153.8	8.2	162.0	--	--	--	162.0
Pemiscot	1.8	--	1.8	--	--	--	1.8
Perry	74.9	5.4	80.3	--	--	--	80.3
St. Charles	81.2	--	81.2	--	--	--	81.2
Ste. Genevieve	169.6	19.8	189.4	15.1	--	15.1	204.6
St. Louis	73.9	--	73.9	4.5	--	4.5	78.4
Scott	34.6	--	34.6	--	--	--	34.6
Stoddard	49.3	--	49.3	13.0	--	13.0	62.2
Warren	162.9	--	162.9	--	--	--	162.9
Total	2,339.1	64.7	2,403.8	54.1	--	54.1	2,457.9
All counties	14,909.6	210.6	15,120.2	332.2	--	332.2	15,452.5

All table cells without observations in the inventory sample are indicated by --. Table value of 0.0 indicates the acres round to less than 100 acres.

Table MO-55.—Area of accessible forest land, in thousand acres, by FIA inventory unit, county, and ownership group, Missouri 2013

Inventory unit and county	Forest Service		Other Federal		State and local government		Undifferentiated private		All forest land
	Timber-land	Other forest land	Timber-land	Other forest land	Timber-land	Other forest land	Timber-land	Other forest land	
Eastern Ozarks									
Bollinger	--	--	--	--	20.9	--	172.8	--	193.7
Butler	44.2	--	--	--	17.8	--	69.4	--	131.4
Carter	78.9	--	--	11.9	34.7	--	148.0	--	273.5
Crawford	40.8	--	--	--	11.9	2.3	211.9	--	266.9
Dent	83.4	--	--	--	29.5	5.9	206.3	6.3	331.5
Iron	64.0	12.2	--	--	--	5.9	227.3	--	309.3
Madison	52.8	9.1	--	--	--	--	170.5	--	232.4
Oregon	74.4	42.4	--	--	--	--	237.4	--	354.2
Reynolds	80.4	--	11.9	--	35.6	5.9	292.8	--	426.5
Ripley	105.1	--	--	--	12.3	--	174.5	--	291.8
St. Francois	3.0	--	--	--	--	5.9	162.8	--	171.7
Shannon	67.1	--	--	44.8	116.0	--	299.6	--	527.5
Washington	92.8	--	--	--	15.2	5.9	274.4	--	388.3
Wayne	94.8	--	23.7	5.9	16.0	3.9	263.0	7.5	414.8
Total	881.6	63.6	35.6	62.6	309.8	35.8	2,910.7	13.8	4,313.6
Southwestern Ozarks									
Barry	49.0	15.5	--	--	5.2	5.2	138.6	1.2	214.7
Christian	51.6	3.0	--	--	--	--	106.3	--	160.9
Douglas	32.4	--	--	--	5.2	--	270.3	5.9	313.8
Howell	48.0	3.0	--	--	5.2	--	201.7	--	258.0
McDonald	--	--	--	--	6.0	--	172.4	--	178.4
Newton	--	--	2.8	--	5.2	--	108.1	--	116.1
Ozark	45.6	6.1	15.2	--	5.2	--	212.8	--	284.9
Stone	9.0	3.0	1.9	--	10.5	--	156.9	--	181.3
Taney	51.1	20.5	1.3	--	13.1	--	211.8	12.5	310.3
Texas	43.2	3.0	--	--	10.5	--	400.6	--	457.3
Webster	--	--	--	--	3.9	--	127.8	--	131.8
Wright	6.1	--	--	--	--	1.6	160.2	9.4	177.3
Total	336.0	54.3	21.2	--	70.1	6.8	2,267.4	28.9	2,784.7

(Table 55 continued on next page)

(Table 55 continued)

Inventory unit and county	Forest Service		Other Federal		State and local government		Undifferentiated private		All forest land
	Timber-land	Other forest land	Timber-land	Other forest land	Timber-land	Other forest land	Timber-land	Other forest land	
Northwestern Ozarks									
Benton	--	--	12.0	--	--	--	245.6	--	257.6
Camden	--	--	--	--	--	5.9	219.2	7.8	232.9
Cedar	--	--	6.1	--	--	--	100.8	1.4	108.3
Dallas	--	--	--	--	6.1	--	162.5	--	168.5
Hickory	--	--	15.2	--	12.0	4.8	102.0	5.6	139.6
Laclede	35.9	--	--	--	--	5.9	215.9	--	257.8
Maries	--	--	--	--	--	--	133.1	6.3	139.4
Miller	--	--	--	--	3.2	18.1	163.8	5.5	190.6
Morgan	--	--	--	--	--	2.5	171.4	--	173.9
Phelps	57.7	--	--	--	6.1	--	199.5	13.4	276.8
Polk	--	--	4.4	--	--	--	131.7	--	136.1
Pulaski	47.0	--	64.9	--	--	--	147.8	--	259.7
St. Clair	--	--	6.1	6.1	5.5	--	161.8	19.1	198.6
Total	140.6	--	108.6	6.1	32.8	37.1	2,155.3	59.2	2,539.8

(Table 55 continued on next page)

(Table 55 continued)

Inventory unit and county	Forest Service		Other Federal		State and local government		Undifferentiated private		All forest land
	Timber-land	Other forest land	Timber-land	Other forest land	Timber-land	Other forest land	Timber-land	Other forest land	
Prairie									
Adair	--	--	--	--	8.2	1.3	67.7	7.1	84.3
Andrew	--	--	--	--	--	--	30.0	1.2	31.1
Atchison	--	--	8.7	--	6.0	--	24.7	--	39.3
Audrain	--	--	--	--	--	--	48.0	--	48.0
Barton	--	--	--	--	--	5.2	67.3	--	72.5
Bates	--	--	--	--	--	--	111.8	--	111.8
Buchanan	--	--	--	--	--	--	46.6	--	46.6
Caldwell	--	--	--	--	3.0	--	11.3	--	14.3
Carroll	--	--	--	--	6.9	--	32.9	--	39.8
Cass	--	--	--	--	10.8	--	107.5	--	118.3
Chariton	--	--	--	--	--	--	66.5	--	66.5
Clark	--	--	--	--	--	--	55.6	6.1	61.7
Clay	--	--	2.0	--	5.8	2.0	18.1	--	27.9
Clinton	--	--	--	--	--	--	4.5	--	4.5
Cooper	--	--	--	--	--	--	76.7	--	76.7
Dade	--	--	17.9	--	--	--	44.5	--	62.3
Daviess	--	--	--	--	6.1	--	55.1	--	61.2
DeKalb	--	--	--	--	--	--	29.0	--	29.0
Gentry	--	--	--	--	--	--	54.4	--	54.4
Greene	--	--	--	--	6.0	--	95.4	--	101.3
Grundy	--	--	--	--	--	6.0	28.7	--	34.7
Harrison	--	--	--	--	3.5	--	78.6	--	82.1
Henry	--	--	18.1	4.0	5.2	--	90.4	--	117.6
Holt	--	--	--	--	--	--	23.5	--	23.5
Jackson	--	--	1.5	4.5	16.8	--	38.8	--	61.6
Jasper	--	--	--	--	--	--	70.3	1.5	71.8
Johnson	--	--	1.8	--	--	6.0	78.7	--	86.5
Knox	--	--	--	--	--	--	48.9	--	48.9
Lafayette	--	--	--	--	--	--	38.1	--	38.1
Lawrence	--	--	--	--	--	--	82.4	--	82.4
Lewis	--	--	--	--	7.9	--	64.8	--	72.7
Lincoln	--	--	--	--	3.8	--	139.6	--	143.4
Linn	--	--	--	--	--	3.5	30.3	--	33.7

(Table 55 continued on next page)

(Table 55 continued)

Inventory unit and county	Forest Service		Other Federal		State and local government		Undifferentiated private		All forest land
	Timber-land	Other forest land	Timber-land	Other forest land	Timber-land	Other forest land	Timber-land	Other forest land	
Prairie									
Livingston	--	--	--	--	--	--	53.8	--	53.8
Macon	--	--	--	--	5.5	--	94.8	--	100.3
Marion	--	--	--	--	--	--	41.5	1.6	43.1
Mercer	--	--	--	--	--	--	55.6	--	55.6
Monroe	--	--	27.0	--	--	--	98.8	--	125.9
Nodaway	--	--	--	--	--	--	38.3	--	38.3
Pettis	--	--	--	--	--	--	55.8	--	55.8
Pike	--	--	--	--	2.5	--	131.0	--	133.5
Platte	--	--	--	--	5.0	--	45.2	--	50.2
Putnam	--	--	--	--	6.0	--	61.6	--	67.6
Ralls	--	--	--	--	--	--	45.9	--	45.9
Randolph	--	--	--	--	--	--	53.3	--	53.3
Ray	--	--	--	--	5.3	--	40.5	--	45.8
Saline	--	--	--	--	12.0	6.0	66.9	--	84.9
Schuyler	--	--	--	--	--	--	42.0	--	42.0
Scotland	--	--	--	--	6.0	--	58.0	--	64.0
Shelby	--	--	--	--	6.9	--	54.1	--	61.0
Sullivan	--	--	--	--	11.9	--	69.8	--	81.7
Vernon	--	--	--	--	--	--	96.0	--	96.0
Worth	--	--	--	--	--	--	9.1	--	9.1
Total	--	--	77.0	8.5	151.1	29.8	3,072.7	17.4	3,356.5

(Table 55 continued on next page)

(Table 55 continued)

Inventory unit and county	Forest Service		Other Federal		State and local government		Undifferentiated private		All forest land
	Timber-land	Other forest land	Timber-land	Other forest land	Timber-land	Other forest land	Timber-land	Other forest land	
Riverborder									
Boone	4.6	--	--	--	16.1	3.5	145.3	7.2	176.7
Callaway	12.1	--	--	--	--	--	207.0	4.8	223.9
Cape Girardeau	--	--	--	--	1.8	4.5	93.6	--	99.9
Cole	--	--	--	--	--	--	113.7	--	113.7
Dunklin	--	--	--	--	--	--	8.7	--	8.7
Franklin	--	--	--	--	11.7	9.0	278.3	--	299.0
Gasconade	--	--	--	--	--	--	154.5	14.4	169.0
Howard	--	--	--	4.5	7.5	--	82.4	--	94.5
Jefferson	--	--	--	--	2.1	--	205.1	--	207.3
Mississippi	--	--	--	--	--	--	15.7	--	15.7
Moniteau	--	--	--	--	4.5	--	36.6	3.4	44.4
Montgomery	--	--	--	--	--	--	108.9	1.5	110.4
New Madrid	--	--	4.4	--	5.5	--	17.0	--	26.9
Osage	--	--	--	--	--	--	153.8	8.2	162.0
Pemiscot	--	--	--	--	--	--	1.8	--	1.8
Perry	--	--	--	--	--	--	74.9	5.4	80.3
St. Charles	--	--	--	--	10.3	--	71.0	--	81.2
Ste. Genevieve	14.4	--	--	--	4.4	15.1	150.8	19.8	204.6
St. Louis	--	--	--	--	31.9	4.5	42.0	--	78.4
Scott	--	--	--	--	4.5	--	30.1	--	34.6
Stoddard	--	--	14.8	13.0	--	--	34.5	--	62.2
Warren	--	--	7.2	--	12.4	--	143.3	--	162.9
Total	31.1	--	26.4	17.5	112.6	36.6	2,169.1	64.7	2,457.9
All counties	1,389.3	117.9	268.7	94.6	676.4	146.2	12,575.3	184.0	15,452.5

All table cells without observations in the inventory sample are indicated by --.
Table value of 0.0 indicates the acres round to less than 100 acres.

Table MO-56.—Area of forest land, in thousand acres, by inventory unit, county, and forest-type group, Missouri, 2013

Inventory unit and county	Forest-type group												All groups
	White-red-jack pine	Loblolly-shortleaf pine	Other E. softwoods	Exotic softwoods	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch	Other hardwoods	Exotic hardwoods	Non-stocked	
Eastern Ozarks													
Bollinger	--	12.7	--	--	1.3	171.0	--	8.7	--	--	--	--	193.7
Butler	--	2.3	--	--	27.9	70.3	17.0	14.0	--	--	--	--	131.4
Carter	--	23.7	--	--	26.6	220.1	--	3.1	--	--	--	--	273.5
Crawford	--	0.9	--	--	5.6	243.8	--	16.6	--	--	--	--	266.9
Dent	--	15.8	--	--	23.5	288.7	--	3.4	--	--	--	--	331.5
Iron	--	3.0	6.7	--	3.1	286.6	--	1.1	--	--	--	--	309.3
Madison	--	7.6	2.7	--	22.6	191.9	--	7.7	--	--	--	--	232.4
Oregon	--	4.9	--	--	24.3	313.2	--	4.9	3.2	3.2	--	3.6	354.2
Reynolds	--	8.2	5.6	--	32.3	361.7	--	17.2	--	--	--	--	426.5
Ripley	--	12.9	--	--	18.3	237.5	--	16.8	--	--	--	--	291.8
St. Francois	--	3.0	18.0	--	14.7	126.9	--	4.8	--	--	--	--	171.7
Shannon	--	34.1	--	--	36.2	444.4	--	12.0	--	--	--	0.8	527.5
Washington	--	7.7	13.8	--	61.8	293.4	--	10.2	--	--	--	--	388.3
Wayne	--	10.2	9.1	--	32.7	346.5	5.9	10.4	--	--	--	--	414.8
Total	--	147.1	55.8	--	331.0	3,595.9	22.9	130.9	3.2	3.2	--	4.4	4,313.6
Southwestern Ozarks													
Barry	--	10.3	8.7	--	25.4	170.3	--	--	--	--	--	--	214.7
Christian	--	--	10.3	--	18.7	125.5	--	--	6.4	6.4	--	--	160.9
Douglas	--	2.1	7.2	--	10.6	282.8	--	6.3	4.8	4.8	--	--	313.8
Howell	--	13.4	--	--	11.2	227.1	--	--	6.3	6.3	--	--	258.0
McDonald	--	--	--	--	--	176.4	--	2.0	--	--	--	--	178.4
Newton	--	--	1.6	--	1.5	106.7	--	--	--	--	--	6.4	116.1
Ozark	--	1.6	15.9	--	29.0	223.0	3.0	3.1	--	--	--	9.2	284.9
Stone	--	--	18.8	--	25.8	136.7	--	--	--	--	--	--	181.3
Taney	--	--	28.6	--	103.6	170.1	--	7.2	--	--	--	0.7	310.3
Texas	--	40.0	3.1	--	42.8	364.1	--	2.4	1.6	1.6	--	3.3	457.3
Webster	--	--	2.5	--	3.1	126.1	--	--	--	--	--	--	131.8
Wright	--	--	4.6	--	17.8	149.9	--	5.0	--	--	--	--	177.3
Total	--	67.3	101.3	--	289.5	2,258.9	3.0	26.0	19.0	19.0	--	19.6	2,784.7

(Table 56 continued on next page)

(Table 56 continued)

Inventory unit and county	Forest-type group												All groups
	White-red-jack pine	Loblolly-shortleaf pine	Other E. softwoods	Exotic softwoods	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch	Other hardwoods	Exotic hardwoods	Non-stocked	
Northwestern Ozarks													
Benton	--	--	7.4	--	7.0	237.7	--	5.5	--	--	--	--	257.6
Camden	--	--	6.5	--	1.3	218.6	2.4	2.8	--	--	--	--	232.9
Cedar	--	--	4.2	--	9.1	72.4	--	22.6	--	--	--	--	108.3
Dallas	--	--	11.5	--	--	146.5	--	10.5	--	--	--	--	168.5
Hickory	--	--	6.8	--	11.3	114.6	6.9	--	--	--	--	--	139.6
Laclede	--	6.8	3.2	--	13.3	234.5	--	--	--	--	--	--	257.8
Maries	--	--	12.1	--	18.2	98.1	--	4.5	--	--	--	--	139.4
Miller	--	--	6.2	--	0.1	168.3	2.8	13.1	--	--	--	--	190.6
Morgan	--	--	9.0	--	--	154.0	--	9.6	--	--	--	1.4	173.9
Phelps	--	3.0	1.5	--	13.2	249.3	--	8.5	--	--	--	--	276.8
Polk	--	--	9.5	--	--	119.5	--	4.2	1.5	1.5	--	1.4	136.1
Pulaski	--	--	6.5	--	--	228.0	--	18.6	--	--	3.3	--	259.7
St. Clair	--	--	2.7	--	3.0	160.3	14.3	18.2	--	--	--	--	198.6
Total	--	9.9	87.0	--	76.5	2,201.8	26.5	118.2	1.5	1.5	3.3	2.8	2,539.8
Prairie													
Adair	--	--	5.6	--	3.0	75.7	--	--	--	--	--	--	84.3
Andrew	--	--	--	--	6.5	10.4	--	7.1	--	--	--	7.1	31.1
Atchison	--	--	--	--	--	26.2	--	13.0	--	--	--	--	39.3
Audrain	--	--	--	--	--	23.7	5.6	18.7	--	--	--	--	48.0
Barton	--	--	4.5	--	--	30.8	--	35.8	--	--	--	1.5	72.5
Bates	--	--	--	--	--	76.5	6.0	29.4	--	--	--	--	111.8
Buchanan	--	--	--	--	--	25.4	--	21.2	--	--	--	--	46.6
Caldwell	--	--	--	--	--	14.3	--	--	--	--	--	--	14.3
Carroll	--	--	5.3	--	--	30.0	--	1.5	--	--	--	3.0	39.8
Cass	--	--	--	--	--	76.2	--	42.1	--	--	--	--	118.3
Chariton	--	--	--	--	--	38.1	6.1	22.3	--	--	--	--	66.5
Clark	--	--	4.6	--	6.1	46.5	--	4.6	--	--	--	--	61.7
Clay	--	--	--	--	--	16.0	--	11.9	--	--	--	--	27.9
Clinton	--	--	--	--	--	4.5	--	--	--	--	--	--	4.5
Cooper	--	--	--	--	16.3	39.1	--	13.8	--	--	--	--	76.7
Dade	--	--	--	--	1.5	55.5	--	--	5.4	5.4	--	--	62.3
Davies	--	--	1.5	--	--	48.4	--	8.0	--	--	--	--	61.2
DeKalb	--	--	--	--	--	19.6	--	9.4	--	--	--	--	29.0

(Table 56 continued on next page)

(Table 56 continued)

Inventory unit and county	Forest-type group												All groups
	White-red-jack pine	Loblolly-shortleaf pine	Other E. softwoods	Exotic softwoods	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch	Other hardwoods	Exotic hardwoods	Non-stocked	
Prairie (cont.)													
Gentry	--	--	--	--	--	49.6	--	4.8	--	--	--	--	54.4
Greene	--	--	--	--	9.3	81.7	--	10.4	--	--	--	--	101.3
Grundy	--	--	--	--	--	27.1	--	7.5	--	--	--	--	34.7
Harrison	--	--	1.5	--	--	69.5	--	11.1	--	--	--	--	82.1
Henry	--	--	--	--	10.2	74.1	4.5	23.4	--	--	--	5.5	117.6
Holt	--	--	--	--	--	21.7	--	1.8	--	--	--	--	23.5
Jackson	--	--	--	--	--	47.0	--	13.2	--	--	--	1.5	61.6
Jasper	--	--	--	--	--	51.3	--	20.5	--	--	--	--	71.8
Johnson	--	--	1.8	--	--	75.6	--	9.1	--	--	--	--	86.5
Knox	--	--	--	--	--	27.5	--	19.8	--	--	--	1.5	48.9
Lafayette	--	--	--	--	--	26.0	--	12.1	--	--	--	--	38.1
Lawrence	--	--	--	--	--	77.4	--	3.2	--	--	--	1.8	82.4
Lewis	--	--	6.2	--	--	50.2	--	16.3	--	--	--	--	72.7
Lincoln	--	--	--	--	--	120.8	--	8.6	--	--	--	1.8	143.4
Linn	--	--	--	--	--	33.4	--	0.3	--	--	--	--	33.7
Livingston	--	--	--	--	6.1	36.7	--	11.0	--	--	--	--	53.8
Macon	--	--	--	--	--	86.8	--	13.5	--	--	--	--	100.3
Marion	--	--	--	--	--	36.8	--	4.5	--	--	--	1.8	43.1
Mercer	--	--	1.5	--	--	54.1	--	--	--	--	--	--	55.6
Monroe	--	--	1.5	--	--	97.1	--	27.2	--	--	--	--	125.9
Nodaway	--	--	--	--	--	29.3	--	8.9	--	--	--	--	38.3
Pettis	--	--	1.5	--	--	51.2	--	1.6	--	--	--	1.5	55.8
Pike	--	--	--	--	--	113.2	--	20.3	--	--	--	--	133.5
Platte	--	--	--	--	--	47.6	--	2.5	--	--	--	--	50.2
Putnam	--	--	--	--	--	59.2	--	8.3	--	--	--	--	67.6
Ralls	--	--	--	--	6.1	39.8	--	--	--	--	--	--	45.9
Randolph	--	--	--	--	--	50.2	--	1.5	--	--	--	1.6	53.3
Ray	--	--	--	--	--	38.5	--	7.3	--	--	--	--	45.8
Saline	--	--	--	--	--	60.0	--	24.9	--	--	--	--	84.9
Schuyler	--	--	--	--	--	42.0	--	--	--	--	--	--	42.0
Scotland	--	--	--	--	--	51.2	--	12.7	--	--	--	--	64.0
Shelby	--	--	--	--	--	50.1	--	10.9	--	--	--	--	61.0
Sullivan	--	--	6.1	--	--	59.3	--	14.9	1.5	1.5	--	--	81.7
Vernon	--	--	--	--	--	41.1	--	54.9	--	--	--	--	96.0
Worth	--	--	--	--	--	9.1	--	--	--	--	--	--	9.1
Total	--	--	41.6	--	65.0	2,543.5	22.1	626.0	6.9	6.9	--	28.4	3,356.5

(Table 56 continued on next page)

(Table 56 continued)

Inventory unit and county	Forest-type group												All groups
	White-red-jack pine	Loblolly-shortleaf pine	Other E. softwoods	Exotic softwoods	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch	Other hardwoods	Exotic hardwoods	Non-stocked	
Riverborder													
Boone	--	--	8.9	--	6.1	128.4	--	22.8	10.5	10.5	--	--	176.7
Callaway	--	--	4.8	--	16.8	176.5	2.2	18.0	--	--	--	5.6	223.9
Cape Girardeau	--	--	--	--	--	78.3	--	14.8	--	--	--	--	99.9
Cole	--	--	13.2	--	9.0	84.1	--	4.2	--	--	--	3.2	113.7
Dunklin	--	--	--	--	--	7.2	--	1.5	--	--	--	--	8.7
Franklin	--	--	14.7	--	17.2	237.7	7.2	13.0	--	--	--	1.8	299.0
Gasconade	--	--	10.4	--	8.5	137.9	--	10.6	--	--	--	1.5	169.0
Howard	--	--	4.4	--	--	67.0	--	23.1	--	--	--	--	94.5
Jefferson	--	6.1	19.9	--	10.4	167.7	--	3.2	--	--	--	--	207.3
Mississippi	--	--	--	--	--	--	--	15.7	--	--	--	--	15.7
Moniteau	--	--	--	--	--	39.9	--	4.5	--	--	--	--	44.4
Montgomery	--	--	16.8	--	16.8	75.0	--	1.8	--	--	--	--	110.4
New Madrid	--	--	--	--	--	4.4	--	22.5	--	--	--	--	26.9
Osage	--	--	11.2	--	8.6	130.7	--	11.6	--	--	--	--	162.0
Pemiscot	--	--	--	--	--	--	--	1.8	--	--	--	--	1.8
Perry	--	--	1.8	--	0.6	70.7	--	7.2	--	--	--	--	80.3
St. Charles	--	--	5.2	--	--	45.4	--	16.2	--	--	--	--	81.2
Ste. Genevieve	--	10.6	8.6	--	30.7	154.7	--	--	--	--	--	--	204.6
St. Louis	--	--	--	--	--	54.3	--	24.1	--	--	--	--	78.4
Scott	--	--	--	--	--	23.5	7.3	3.8	--	--	--	--	34.6
Stoddard	--	7.5	--	--	--	16.2	19.0	6.5	--	--	--	8.5	62.2
Warren	2.2	--	--	--	--	148.7	--	11.9	--	--	--	--	162.9
Total	2.2	24.2	119.9	--	124.6	1,848.3	35.7	238.9	10.5	10.5	--	20.6	2,457.9
All counties	2.2	248.6	405.7	--	886.6	12,448.4	110.2	1,140.0	90.5	90.5	3.3	75.8	15,452.5

All table cells without observations in the inventory sample are indicated by --.

Table value of 0.0 indicates the acres round to less than 100 acres.

Columns and rows may not add to their totals due to rounding.

Table MO-57.—Area of timberland, in thousand acres, by inventory unit, county, and stand-size class, Missouri, 2013

Inventory unit and county	Stand-size class				All size classes
	Large diameter	Medium diameter	Small diameter	Nonstocked	
Eastern Ozarks					
Bollinger	126.5	53.1	14.1	--	193.7
Butler	89.3	42.1	--	--	131.4
Carter	159.5	79.0	23.1	--	261.6
Crawford	184.0	56.8	23.7	--	264.6
Dent	164.6	114.1	40.5	--	319.2
Iron	171.9	86.6	32.8	--	291.3
Madison	111.0	87.6	24.7	--	223.3
Oregon	150.1	110.9	47.2	3.6	311.8
Reynolds	226.7	147.6	46.4	--	420.6
Ripley	159.4	99.1	33.3	--	291.8
St. Francois	96.3	38.2	31.3	--	165.8
Shannon	333.0	101.9	47.0	0.8	482.7
Washington	215.3	127.3	39.8	--	382.4
Wayne	230.0	149.7	17.8	--	397.5
Total	2,417.5	1,294.0	421.8	4.4	4,137.7
Southwestern Ozarks					
Barry	127.2	51.4	14.3	--	192.8
Christian	69.8	50.4	37.6	--	157.9
Douglas	132.7	123.9	51.3	--	307.9
Howell	140.2	100.2	14.5	--	254.9
McDonald	132.3	37.3	8.8	--	178.4
Newton	88.7	18.5	2.6	6.4	116.1
Ozark	144.3	109.7	15.7	9.2	278.8
Stone	94.1	66.7	17.5	--	178.3
Taney	140.6	119.6	16.4	0.7	277.3
Texas	236.4	201.9	12.6	3.3	454.2
Webster	86.3	24.1	21.3	--	131.8
Wright	95.2	56.5	14.5	--	166.3
Total	1,487.8	960.2	227.0	19.6	2,694.7

(Table 57 continued on next page)

(Table 57 continued)

Inventory unit and county	Stand-size class				All size classes
	Large diameter	Medium diameter	Small diameter	Nonstocked	
Northwestern Ozarks					
Benton	156.1	87.6	13.8	--	257.6
Camden	146.6	59.6	12.9	--	219.2
Cedar	44.2	54.2	8.6	--	106.9
Dallas	114.4	37.0	17.1	--	168.5
Hickory	46.9	82.2	--	--	129.2
Laclede	149.9	71.6	30.4	--	251.9
Maries	62.7	62.5	7.9	--	133.1
Miller	90.8	51.7	24.5	--	167.0
Morgan	148.5	18.5	3.0	1.4	171.4
Phelps	136.5	110.0	16.8	--	263.3
Polk	59.0	50.7	25.0	1.4	136.1
Pulaski	113.9	126.5	19.3	--	259.7
St. Clair	93.8	68.3	11.3	--	173.5
Total	1,363.4	880.5	190.7	2.8	2,437.4
Prairie					
Adair	23.5	32.0	20.3	--	75.9
Andrew	5.1	9.2	8.6	7.1	30.0
Atchison	25.3	11.0	3.0	--	39.3
Audrain	40.5	7.5	--	--	48.0
Barton	33.0	23.8	9.1	1.5	67.3
Bates	66.4	43.1	2.3	--	111.8
Buchanan	28.1	18.5	--	--	46.6
Caldwell	7.4	3.0	3.9	--	14.3
Carroll	11.1	20.5	5.3	3.0	39.8
Cass	53.1	50.1	15.1	--	118.3
Chariton	45.8	13.2	7.5	--	66.5
Clark	31.6	24.0	--	--	55.6
Clay	21.6	4.4	--	--	25.9
Clinton	1.6	--	2.9	--	4.5
Cooper	30.3	38.7	7.8	--	76.7
Dade	42.9	14.1	5.4	--	62.3
Daviess	42.8	12.4	6.0	--	61.2
DeKalb	9.4	13.4	6.2	--	29.0

(Table 57 continued on next page)

(Table 57 continued)

Inventory unit and county	Stand-size class				All size classes
	Large diameter	Medium diameter	Small diameter	Nonstocked	
Prairie (cont.)					
Gentry	42.0	10.9	1.5	--	54.4
Greene	80.8	11.0	9.5	--	101.3
Grundy	19.7	9.1	--	--	28.7
Harrison	46.0	24.6	11.5	--	82.1
Henry	70.2	39.1	2.8	1.6	113.7
Holt	17.4	6.1	--	--	23.5
Jackson	33.0	16.6	6.0	1.5	57.1
Jasper	42.7	24.9	2.8	--	70.3
Johnson	52.9	19.3	8.3	--	80.6
Knox	26.9	14.0	6.5	1.5	48.9
Lafayette	32.2	4.5	1.4	--	38.1
Lawrence	50.3	22.9	7.4	1.8	82.4
Lewis	49.8	15.4	7.4	--	72.7
Lincoln	94.0	34.5	13.1	1.8	143.4
Linn	18.2	12.1	--	--	30.3
Livingston	45.2	8.6	--	--	53.8
Macon	50.6	30.4	19.3	--	100.3
Marion	32.3	6.0	1.5	1.8	41.5
Mercer	32.6	14.3	8.7	--	55.6
Monroe	73.2	47.3	5.4	--	125.9
Nodaway	26.0	12.2	--	--	38.3
Pettis	27.0	12.3	15.0	1.5	55.8
Pike	93.0	35.1	5.5	--	133.5
Platte	30.6	19.6	--	--	50.2
Putnam	19.8	40.0	7.7	--	67.6
Ralls	24.3	15.5	6.1	--	45.9
Randolph	45.6	1.4	4.7	1.6	53.3
Ray	32.8	9.9	3.1	--	45.8
Saline	62.7	6.9	9.4	--	78.9
Schuyler	18.3	23.8	--	--	42.0
Scotland	54.9	8.9	0.2	--	64.0
Shelby	28.8	25.3	6.9	--	61.0
Sullivan	60.2	15.0	6.6	--	81.7
Vernon	69.1	15.4	11.5	--	96.0
Worth	7.6	1.5	--	--	9.1
Total	2,029.9	953.2	293.2	24.5	3,300.8

(Table 57 continued on next page)

(Table 57 continued)

Inventory unit and county	Stand-size class				All size classes
	Large diameter	Medium diameter	Small diameter	Nonstocked	
Riverborder					
Boone	86.7	61.8	17.4	--	165.9
Callaway	163.5	46.2	3.7	5.6	219.1
Cape Girardeau	71.4	10.9	13.1	--	95.4
Cole	73.0	19.4	18.1	3.2	113.7
Dunklin	8.7	--	--	--	8.7
Franklin	248.0	29.5	10.5	1.8	290.0
Gasconade	95.3	51.5	6.2	1.5	154.5
Howard	64.5	19.1	6.3	--	90.0
Jefferson	132.4	73.5	1.5	--	207.3
Mississippi	15.7	--	--	--	15.7
Moniteau	33.3	3.3	4.4	--	41.1
Montgomery	79.1	18.2	11.5	--	108.9
New Madrid	11.2	7.2	8.5	--	26.9
Osage	120.9	25.5	7.3	--	153.8
Pemiscot	1.8	--	--	--	1.8
Perry	59.7	11.3	3.9	--	74.9
St. Charles	69.0	4.9	7.3	--	81.2
Ste. Genevieve	75.9	72.9	20.8	--	169.6
St. Louis	72.7	1.2	--	--	73.9
Scott	31.8	2.8	--	--	34.6
Stoddard	34.0	2.3	4.5	8.5	49.3
Warren	155.4	1.8	5.7	--	162.9
Total	1,704.3	463.4	150.8	0.6	2,339.1
All counties	9,002.9	4,551.3	1,283.5	71.9	14,909.6

All table cells without observations in the inventory sample are indicated by --.
Table value of 0.0 indicates the acres round to less than 100 acres.
Columns and rows may not add to their totals due to rounding.

Table MO-58.—Area of timberland, in thousand acres, by inventory unit, county, and stocking class, Missouri, 2013

Inventory unit and county	Stocking class of growing-stock trees					All classes
	Nonstocked	Poorly stocked	Moderately stocked	Fully stocked	Over-stocked	
Eastern Ozark						
Bollinger	1.1	32.0	104.2	52.6	3.8	193.7
Butler	--	16.3	60.3	51.8	3.0	131.4
Carter	--	15.6	169.4	71.2	5.4	261.6
Crawford	--	38.4	154.5	68.0	3.6	264.6
Dent	1.6	35.9	150.1	126.2	5.4	319.2
Iron	3.4	57.6	138.0	82.1	10.2	291.3
Madison	3.6	11.1	149.6	52.0	7.0	223.3
Oregon	4.2	66.0	126.1	115.5	--	311.8
Reynolds	6.3	76.2	237.1	93.0	7.9	420.6
Ripley	3.4	35.0	161.5	87.6	4.4	291.8
St. Francois	4.5	24.6	89.6	47.0	--	165.8
Shannon	1.9	42.6	257.9	163.9	16.4	482.7
Washington	2.1	68.1	186.4	119.8	6.0	382.4
Wayne	--	56.9	208.7	130.1	1.9	397.5
Total	32.1	576.2	2,193.5	1,260.7	75.1	4,137.7
Southwestern Ozark						
Barry	0.4	65.3	78.2	42.1	6.8	192.8
Christian	16.2	30.1	80.7	30.9	--	157.9
Douglas	16.3	84.7	153.8	44.7	8.3	307.9
Howell	6.5	36.7	93.0	112.2	6.5	254.9
McDonald	8.4	60.6	71.2	38.2	--	178.4
Newton	9.6	18.7	58.3	26.4	3.2	116.1
Ozark	23.9	70.4	131.1	50.7	2.6	278.8
Stone	5.2	64.9	85.7	22.5	--	178.3
Taney	17.3	126.8	99.9	31.1	2.2	277.3
Texas	5.9	49.7	200.7	193.4	4.5	454.2
Webster	1.1	18.7	53.2	58.8	--	131.8
Wright	6.1	41.1	85.6	33.5	--	166.3
Total	117.0	667.6	1,191.5	684.5	34.0	2,694.7

(Table 58 continued on next page)

(Table 58 continued)

Inventory unit and county	Stocking class of growing-stock trees					All classes
	Nonstocked	Poorly stocked	Moderately stocked	Fully stocked	Over-stocked	
Northwestern Ozark						
Benton	0.9	95.8	101.0	58.4	1.4	257.6
Camden	- -	54.1	109.1	51.3	4.6	219.2
Cedar	32.4	29.7	36.1	8.6	- -	106.9
Dallas	7.3	51.1	57.5	52.7	- -	168.5
Hickory	15.9	42.7	42.7	27.8	- -	129.2
Laclede	9.8	47.7	149.0	30.1	15.4	251.9
Maries	4.1	27.8	70.2	28.4	2.6	133.1
Miller	1.7	44.1	63.3	52.0	5.9	167.0
Morgan	1.4	14.4	103.6	52.0	- -	171.4
Phelps	0.7	51.2	120.0	87.9	3.6	263.3
Polk	20.1	30.5	47.7	28.4	9.4	136.1
Pulaski	12.2	62.0	100.9	75.2	9.4	259.7
St. Clair	2.7	80.4	72.2	16.6	1.6	173.5
Total	109.3	631.4	1,073.3	569.5	54.0	2,437.4

(Table 58 continued on next page)

(Table 58 continued)

Inventory unit and county	Stocking class of growing-stock trees					All classes
	Nonstocked	Poorly stocked	Moderately stocked	Fully stocked	Over-stocked	
Prairie						
Adair	0.1	22.6	24.8	28.2	0.2	75.9
Andrew	8.3	2.4	13.4	4.4	1.5	30.0
Atchison	2.7	14.7	9.7	12.2	--	39.3
Audrain	2.7	--	37.8	3.1	4.5	48.0
Barton	1.5	27.5	33.8	4.6	--	67.3
Bates	21.3	64.0	19.0	7.5	--	111.8
Buchanan	--	25.4	18.1	1.7	1.5	46.6
Caldwell	2.1	9.2	3.0	--	--	14.3
Carroll	7.5	25.8	--	6.5	--	39.8
Cass	16.8	40.3	31.0	30.3	--	118.3
Chariton	--	4.6	48.5	13.5	--	66.5
Clark	--	38.8	13.8	3.1	--	55.6
Clay	2.0	10.5	4.6	7.5	1.5	25.9
Clinton	1.6	2.9	--	--	--	4.5
Cooper	17.7	39.9	8.9	9.8	0.3	76.7
Dade	13.4	24.9	18.0	6.1	--	62.3
Daviess	--	16.1	21.1	19.6	4.5	61.2
DeKalb	3.3	13.4	6.1	3.1	3.1	29.0
Gentry	--	6.1	37.6	9.4	1.3	54.4
Greene	1.8	24.8	62.6	12.1	--	101.3
Grundy	--	15.1	13.7	--	--	28.7
Harrison	5.0	23.8	38.9	11.2	3.3	82.1
Henry	6.2	67.7	36.8	1.5	1.5	113.7
Holt	--	17.4	--	6.1	--	23.5
Jackson	12.0	14.3	21.4	9.4	--	57.1
Jasper	7.2	28.4	27.8	5.5	1.5	70.3
Johnson	4.9	18.6	30.8	24.4	1.8	80.6
Knox	1.9	12.6	25.3	6.1	3.1	48.9
Lafayette	5.1	19.0	14.0	--	--	38.1
Lawrence	14.2	25.5	24.6	18.0	--	82.4
Lewis	--	33.2	14.8	20.5	4.2	72.7
Lincoln	4.1	48.1	53.2	30.1	7.8	143.4
Linn	1.5	10.7	5.4	12.7	--	30.3

(Table 58 continued on next page)

(Table 58 continued)

Inventory unit and county	Stocking class of growing-stock trees					All classes
	Nonstocked	Poorly stocked	Moderately stocked	Fully stocked	Over-stocked	
Prairie						
Livingston	7.9	11.4	22.8	10.7	1.0	53.8
Macon	--	28.8	46.5	23.3	1.8	100.3
Marion	2.3	4.5	33.3	1.5	--	41.5
Mercer	10.4	16.8	17.5	9.1	1.8	55.6
Monroe	0.2	32.1	51.4	40.7	1.5	125.9
Nodaway	6.1	16.1	16.1	--	--	38.3
Pettis	7.5	13.5	11.1	20.8	3.0	55.8
Pike	1.4	31.8	73.1	27.2	--	133.5
Platte	8.4	14.1	24.6	3.1	--	50.2
Putnam	3.8	18.1	38.0	6.2	1.5	67.6
Ralls	--	10.8	24.5	10.6	--	45.9
Randolph	3.0	--	36.6	13.7	--	53.3
Ray	10.7	3.5	28.5	--	3.1	45.8
Saline	--	24.4	23.3	24.4	6.9	78.9
Schuyler	--	12.2	16.7	13.1	--	42.0
Scotland	6.6	25.0	21.6	9.8	1.0	64.0
Shelby	6.4	16.3	23.1	8.3	6.9	61.0
Sullivan	10.6	9.5	33.8	27.9	--	81.7
Vernon	0.3	29.2	47.5	19.1	--	96.0
Worth	1.5	1.5	6.1	--	--	9.1
Total	251.7	1,067.7	1,314.3	597.2	70.0	3,300.8

(Table 58 continued on next page)

(Table 58 continued)

Inventory unit and county	Stocking class of growing-stock trees					All classes
	Nonstocked	Poorly stocked	Moderately stocked	Fully stocked	Over-stocked	
Riverborder						
Boone	--	47.0	75.3	38.1	5.4	165.9
Callaway	9.9	38.5	103.9	55.1	11.7	219.1
Cape Girardeau	1.8	1.5	64.3	27.8	--	95.4
Cole	5.1	25.8	63.6	19.2	--	113.7
Dunklin	--	--	7.2	1.5	--	8.7
Franklin	5.0	43.6	145.5	85.2	10.7	290.0
Gasconade	8.5	31.9	46.4	66.3	1.5	154.5
Howard	0.3	22.7	57.1	--	10.0	90.0
Jefferson	3.0	70.3	58.1	72.3	3.6	207.3
Mississippi	1.5	--	14.2	--	--	15.7
Moniteau	3.1	8.7	17.5	8.5	3.2	41.1
Montgomery	--	40.5	42.0	24.9	1.5	108.9
New Madrid	--	5.4	5.8	11.6	4.1	26.9
Osage	14.6	11.3	68.6	59.2	--	153.8
Pemiscot	--	--	--	1.8	--	1.8
Perry	--	15.9	37.5	21.6	--	74.9
St. Charles	1.3	11.3	40.7	28.0	--	81.2
Ste. Genevieve	5.0	31.1	98.6	30.0	5.0	169.6
St. Louis	--	15.7	27.6	30.6	--	73.9
Scott	--	3.8	14.8	16.0	--	34.6
Stoddard	10.8	4.5	19.2	14.7	--	49.3
Warren	1.8	19.0	101.8	40.3	--	162.9
Total	71.5	448.3	1,109.9	652.8	56.6	2,339.1
All counties	581.6	3,391.3	6,882.5	3,764.7	289.6	14,909.6

All table cells without observations in the inventory sample are indicated by --.

Table value of 0.0 indicates the acres round to less than 100 acres.

Table MO-59.—Net volume of growing-stock trees (at least 5 inches d.b.h.), in million cubic feet, and sawtimber trees, in million board feet (International 1/4-inch rule), on timberland by inventory unit, county, and major species group, Missouri, 2013

Inventory unit and county	Growing stock					Saw timber				
	Major species group				All species	Major species group				All species
	Pine	Other softwoods	Soft hardwoods	Hard hardwoods		Pine	Other softwoods	Soft hardwoods	Hard hardwoods	
	(In million cubic feet)					(In million board feet)				
Eastern Ozark										
Bollinger	17.4	--	23.7	202.7	243.8	68.4	--	56.3	657.3	782.1
Butler	29.0	0.1	20.5	131.5	181.1	122.7	--	57.3	422.7	602.7
Carter	69.6	0.0	13.0	256.5	339.0	296.3	--	40.5	816.8	1,153.6
Crawford	1.1	4.9	20.9	267.3	294.2	5.1	10.2	61.2	899.5	975.9
Dent	38.6	1.9	10.0	310.6	361.1	167.8	--	23.5	980.9	1,172.2
Iron	18.7	2.0	14.3	272.0	307.0	85.3	4.2	32.6	834.2	956.3
Madison	30.7	5.0	16.6	202.1	254.5	135.5	7.9	36.3	684.2	863.9
Oregon	39.7	0.7	5.6	287.8	333.8	189.6	1.7	6.8	921.8	1,119.9
Reynolds	69.0	0.7	33.8	335.3	438.8	300.9	--	75.6	1,019.2	1,395.7
Ripley	56.8	1.7	39.7	255.1	353.2	282.0	6.6	108.0	801.9	1,198.5
St. Francois	6.3	9.4	9.6	149.1	174.3	26.5	1.4	16.5	524.8	569.2
Shannon	85.9	1.5	23.2	492.9	603.4	369.4	--	57.5	1,648.8	2,075.7
Washington	67.3	9.0	16.3	332.6	425.3	305.4	14.6	34.0	1,042.5	1,396.6
Wayne	72.3	2.3	31.0	395.3	500.8	325.3	4.2	73.8	1,221.8	1,625.2
Total	602.4	39.0	278.3	3,890.5	4,810.2	2,680.3	50.9	679.9	12,476.4	15,887.5
Southwestern Ozark										
Barry	15.7	9.1	10.8	189.9	225.5	66.2	10.3	28.6	702.9	808.0
Christian	3.2	7.8	5.2	109.6	125.7	14.5	15.8	20.1	336.4	386.8
Douglas	18.8	2.4	12.3	196.4	229.8	92.0	--	44.3	586.2	722.5
Howell	41.7	0.2	6.8	258.1	306.9	193.1	--	14.4	762.9	970.4
McDonald	2.8	1.3	12.5	183.1	199.8	14.7	1.9	27.6	652.9	697.2
Newton	--	--	3.3	139.6	142.9	--	--	2.3	549.0	551.3
Ozark	22.4	9.0	24.7	200.0	256.1	101.6	7.6	82.8	657.7	849.6
Stone	--	17.8	4.4	113.3	135.6	--	39.3	10.4	341.7	391.3
Taney	4.9	20.5	7.0	162.3	194.7	13.5	22.6	16.0	539.1	591.2
Texas	126.5	5.3	15.2	425.0	572.0	556.2	3.3	23.5	1,231.5	1,814.4
Webster	--	1.8	6.5	169.8	178.0	--	--	21.6	663.3	684.9
Wright	0.3	1.1	20.5	134.4	156.3	0.8	--	81.1	447.2	529.1
Total	236.3	76.4	129.2	2,281.6	2,723.4	1,052.5	100.8	372.6	7,470.9	8,996.7

(Table 59 continued on next page)

(Table 59 continued)

Inventory unit and county	Growing stock					Saw timber				
	Major species group				All species	Major species group				All species
	Pine	Other softwoods	Soft hardwoods	Hard hardwoods		Pine	Other softwoods	Soft hardwoods	Hard hardwoods	
	(In million cubic feet)					(In million board feet)				
Northwestern Ozark										
Benton	--	7.1	10.0	215.1	232.2	--	9.9	32.5	676.2	718.7
Camden	--	1.6	4.7	193.5	199.8	--	1.1	11.0	642.4	654.5
Cedar	--	0.1	33.4	35.0	68.5	--	--	132.7	92.4	225.1
Dallas	--	2.8	13.4	151.1	167.3	--	4.8	48.8	549.4	603.0
Hickory	--	4.8	2.4	78.2	85.3	--	7.6	2.6	212.0	222.2
Laclede	15.6	2.1	10.5	197.7	226.0	67.5	2.4	39.8	612.4	722.1
Maries	--	12.0	4.0	108.9	124.9	--	20.6	11.9	322.5	355.0
Miller	--	2.3	11.2	150.5	164.0	--	--	28.1	517.7	545.9
Morgan	--	2.4	6.9	215.3	224.6	--	1.3	24.1	789.2	814.6
Phelps	6.8	4.7	15.8	223.3	250.7	31.5	3.5	41.0	645.5	721.5
Polk	--	4.3	8.3	84.1	96.7	--	6.8	26.6	253.5	286.9
Pulaski	1.5	5.3	31.0	218.2	256.0	6.2	6.7	101.1	602.5	716.6
St. Clair	--	1.6	37.3	117.3	156.2	--	2.8	160.6	387.2	550.6
Total	23.9	51.2	188.9	1,988.2	2,252.2	105.2	67.5	660.8	6,302.9	7,136.4

(Table 59 continued on next page)

(Table 59 continued)

Inventory unit and county	Growing stock					Saw timber				
	Major species group				All species	Major species group				All species
	Pine	Other softwoods	Soft hardwoods	Hard hardwoods		Pine	Other softwoods	Soft hardwoods	Hard hardwoods	
	(In million cubic feet)					(In million board feet)				
Prairie										
Adair	--	0.1	4.5	54.3	58.9	--	--	5.7	154.2	159.9
Andrew	--	0.1	9.8	11.7	21.6	--	--	30.5	31.6	62.1
Atchison	--	--	22.8	25.2	48.0	--	--	92.3	103.5	195.7
Audrain	--	--	23.6	60.5	84.2	--	--	76.7	230.2	307.0
Barton	--	0.1	11.5	46.4	58.0	--	--	38.6	189.7	228.3
Bates	--	--	22.7	56.3	79.0	--	--	70.6	233.5	304.1
Buchanan	--	--	45.1	13.7	58.8	--	--	176.0	36.3	212.4
Caldwell	--	--	6.9	1.2	8.1	--	--	21.6	--	21.6
Carroll	--	--	2.9	18.2	21.1	--	--	2.8	57.6	60.4
Cass	--	--	46.9	71.3	118.2	--	--	136.2	254.5	390.7
Chariton	--	0.5	30.1	57.1	87.7	--	--	105.0	201.9	306.9
Clark	--	1.9	5.8	30.2	37.9	--	5.0	9.8	108.0	122.8
Clay	--	--	26.7	16.6	43.3	--	--	88.1	69.9	158.1
Clinton	--	--	0.2	1.7	1.8	--	--	--	4.6	4.6
Cooper	--	1.5	12.2	34.3	47.9	--	--	31.1	118.1	149.2
Dade	--	0.3	5.2	35.4	40.9	--	--	10.2	109.3	119.5
Daviess	--	--	27.2	64.3	91.5	--	--	123.9	241.2	365.0
DeKalb	--	--	5.7	7.6	13.3	--	--	6.4	25.0	31.4
Gentry	--	0.2	16.9	57.1	74.1	--	--	48.9	218.3	267.2
Greene	0.9	0.4	14.0	113.0	128.2	--	--	52.9	456.1	509.0
Grundy	--	--	10.1	14.7	24.8	--	--	37.2	41.6	78.7
Harrison	--	0.1	12.8	54.1	67.1	--	--	32.8	186.9	219.7
Henry	--	1.8	18.5	62.3	82.6	--	1.6	63.5	221.3	286.3
Holt	--	--	8.4	13.8	22.2	--	--	29.7	46.1	75.8
Jackson	--	--	17.8	27.8	45.5	--	--	65.2	88.4	153.6
Jasper	--	--	15.7	42.1	57.8	--	--	46.3	149.0	195.3
Johnson	--	0.1	11.5	68.9	80.4	--	--	40.4	231.5	271.9
Knox	--	0.1	12.0	35.6	47.7	--	--	30.4	122.0	152.4
Lafayette	--	--	8.2	17.8	26.0	--	--	21.1	74.2	95.3
Lawrence	--	0.2	7.2	73.5	81.0	--	--	29.1	277.9	307.0
Lewis	--	0.8	8.3	76.4	85.5	--	--	30.1	293.3	323.4
Lincoln	--	1.1	15.6	164.0	180.7	--	--	47.5	622.6	670.1
Linn	--	--	11.1	24.5	35.6	--	--	35.5	86.7	122.2

(Table 59 continued on next page)

(Table 59 continued)

Inventory unit and county	Growing stock					Saw timber				
	Major species group				All species	Major species group				All species
	Pine	Other softwoods	Soft hardwoods	Hard hardwoods		Pine	Other softwoods	Soft hardwoods	Hard hardwoods	
	(In million cubic feet)					(In million board feet)				
Prairie										
Livingston	--	3.0	40.5	29.0	72.5	--	8.3	168.0	111.5	287.8
Macon	--	0.4	47.6	68.9	116.8	--	--	182.9	206.8	389.7
Marion	--	0.1	6.8	43.8	50.7	--	--	16.6	160.7	177.3
Mercer	--	--	7.2	35.2	42.4	--	--	17.1	131.3	148.4
Monroe	--	1.5	24.1	121.3	146.9	--	--	73.8	392.1	465.9
Nodaway	--	0.1	6.5	18.9	25.4	--	--	19.2	73.1	92.2
Pettis	--	0.1	7.5	33.9	41.5	--	--	9.0	118.0	127.0
Pike	--	0.5	15.5	128.7	144.7	--	--	48.9	451.9	500.8
Platte	--	--	18.6	28.1	46.7	--	--	56.0	96.3	152.4
Putnam	--	--	4.9	37.1	42.0	--	--	8.9	110.9	119.7
Ralls	--	1.4	2.3	37.3	41.1	--	2.1	--	124.2	126.3
Randolph	--	0.1	10.3	56.0	66.3	--	--	37.3	213.8	251.1
Ray	--	0.2	13.9	27.4	41.5	--	--	53.2	101.6	154.8
Saline	--	--	42.4	80.3	122.7	--	--	151.9	297.3	449.3
Schuyler	--	0.7	0.3	39.8	40.8	--	3.0	--	100.5	103.6
Scotland	--	--	17.4	48.8	66.2	--	--	61.0	170.3	231.3
Shelby	--	--	4.5	59.6	64.2	--	--	11.1	220.6	231.8
Sullivan	--	1.0	30.1	77.2	108.3	--	--	115.3	273.5	388.8
Vernon	--	--	55.4	51.2	106.7	--	--	218.5	201.0	419.5
Worth	--	--	11.2	8.9	20.2	--	--	50.1	34.6	84.7
Total	0.9	18.3	864.6	2,483.1	3,366.9	--	20.1	2,935.1	8,874.9	11,830.0

(Table 59 continued on next page)

(Table 59 continued)

Inventory unit and county	Growing stock					Saw timber				
	Major species group				All species	Major species group				All species
	Pine	Other softwoods	Soft hardwoods	Hard hardwoods		Pine	Other softwoods	Soft hardwoods	Hard hardwoods	
	(In million cubic feet)					(In million board feet)				
Riverborder										
Boone	--	9.4	41.1	151.0	201.4	--	17.7	146.3	474.5	638.5
Callaway	--	7.6	22.6	290.2	320.4	--	15.0	72.9	1,096.4	1,184.3
Cape Girardeau	--	--	22.9	113.8	136.7	--	--	84.8	434.2	519.0
Cole	--	8.3	13.6	93.2	115.0	--	8.6	45.1	319.0	372.8
Dunklin	--	--	2.0	11.3	13.3	--	--	8.1	50.6	58.7
Franklin	7.4	18.9	53.5	326.1	405.9	34.5	56.3	193.0	1,184.9	1,468.7
Gasconade	--	5.3	35.4	153.0	193.7	--	4.1	140.2	494.3	638.6
Howard	--	0.5	35.6	84.2	120.3	--	--	146.9	302.5	449.4
Jefferson	16.0	18.8	19.9	243.0	297.7	84.4	42.2	61.8	862.9	1,051.4
Mississippi	--	--	53.6	--	53.6	--	--	217.2	--	217.2
Moniteau	--	0.7	10.4	42.8	54.0	--	--	28.1	165.0	193.1
Montgomery	--	3.8	13.8	113.0	130.6	--	11.1	46.6	426.1	483.8
New Madrid	--	--	25.1	0.3	25.4	--	--	73.5	--	73.5
Osage	--	4.8	11.5	190.4	206.8	--	7.1	13.9	744.4	765.3
Pemiscot	--	--	7.6	0.1	7.7	--	--	34.5	--	34.5
Perry	--	0.2	11.2	94.8	106.2	--	--	16.7	368.7	385.4
St. Charles	--	5.9	34.8	97.9	138.6	--	19.1	145.5	376.2	540.8
Ste. Genevieve	2.7	8.6	5.9	159.1	176.4	12.3	17.4	8.0	540.0	577.8
St. Louis	--	--	38.0	110.8	148.8	--	--	144.2	453.4	597.6
Scott	--	--	42.9	40.2	83.2	--	--	169.1	159.4	328.5
Stoddard	17.5	--	14.8	27.1	59.3	61.1	--	43.3	109.1	213.6
Warren	6.7	0.7	6.6	213.3	227.3	32.3	1.6	13.4	848.3	895.6
Total	50.2	93.5	522.8	2,555.6	3,222.1	224.7	200.2	1,853.0	9,410.0	11,687.9
All counties	913.8	278.4	1,983.8	13,198.9	16,374.9	4,062.7	439.5	6,501.3	44,535.0	55,538.6

All table cells without observations in the inventory sample are indicated by --.

Table value of 0.0 indicates the volume rounds to less than 100,000 cubic or board feet.

Columns and rows may not add to their totals due to rounding.

Table MO-60.—Average annual net growth of growing-stock trees (at least 5 inches d.b.h.), in million cubic feet, and sawtimber trees, in million board feet (International 1/4-inch rule), on timberland by inventory unit, county, and major species group, Missouri, 2013

Inventory unit and county	Growing stock					Saw timber					
	Major species group				All species	Major species group				All species	
	Pine	Other softwoods	Soft hardwoods	Hard hardwoods		Pine	Other softwoods	Soft hardwoods	Hard hardwoods		
	(In million cubic feet)					(In million board feet)					
Eastern Ozark											
Bollinger	0.2	--	1.0	3.4	4.6	0.0	--	4.6	13.5	18.1	
Butler	0.4	0.0	0.6	1.0	2.1	2.3	--	2.1	1.1	5.5	
Carter	2.0	0.0	0.6	6.6	9.2	12.4	--	2.2	28.8	43.4	
Crawford	0.0	0.2	0.7	3.7	4.7	0.2	1.0	2.7	19.3	23.2	
Dent	0.8	0.2	0.3	4.6	5.8	3.0	--	0.4	17.8	21.2	
Iron	0.5	0.1	0.3	1.1	1.9	3.0	0.1	0.1	7.7	11.0	
Madison	-0.4	0.2	0.9	2.1	2.7	-0.6	0.5	1.0	8.5	9.5	
Oregon	0.7	0.1	0.3	5.2	6.3	4.0	0.4	0.2	19.6	24.2	
Reynolds	0.7	0.0	1.9	1.7	4.2	5.6	-0.3	4.1	12.7	22.1	
Ripley	0.7	0.1	1.1	4.1	5.9	4.2	0.6	4.3	19.2	28.3	
St. Francois	0.1	0.5	0.0	3.1	3.7	1.0	0.3	-1.3	14.6	14.5	
Shannon	2.3	0.2	0.5	7.8	10.8	12.3	0.0	0.7	44.6	57.6	
Washington	1.6	0.3	0.9	6.0	8.7	8.7	0.5	1.5	29.4	40.1	
Wayne	0.9	0.1	0.3	5.8	7.3	6.1	0.3	1.3	21.1	28.8	
Total	10.5	1.9	9.4	56.1	77.9	62.3	3.4	23.8	257.9	347.4	
Southwestern Ozark											
Barry	0.3	0.3	0.1	3.0	3.7	2.1	1.7	0.3	17.0	21.1	
Christian	0.0	0.4	0.1	2.3	2.8	0.2	1.3	0.1	9.4	11.0	
Douglas	0.5	0.1	0.4	4.2	5.1	2.0	--	2.5	12.3	16.8	
Howell	0.9	0.0	0.5	6.2	7.6	6.1	--	1.0	25.9	33.0	
McDonald	0.0	0.0	0.2	3.7	3.9	0.2	0.0	0.1	18.4	18.7	
Newton	--	--	0.0	1.5	1.5	--	--	0.4	5.8	6.2	
Ozark	0.4	0.4	0.0	3.8	4.5	1.1	0.8	-0.1	18.0	19.8	
Stone	--	0.4	0.1	2.2	2.7	--	2.1	-0.1	9.7	11.7	
Taney	0.1	0.7	0.0	1.7	2.5	0.3	1.0	0.6	8.7	10.5	
Texas	3.5	0.2	0.3	10.8	14.8	22.0	0.1	1.2	39.5	62.9	
Webster	--	0.0	0.2	3.7	3.9	--	--	0.5	24.0	24.4	
Wright	0.0	0.1	0.4	3.5	3.9	0.0	--	1.7	16.3	18.0	
Total	5.7	2.7	2.1	46.6	57.1	34.0	7.0	8.4	204.9	254.3	

(Table 60 continued on next page)

(Table 60 continued)

Inventory unit and county	Growing stock					Saw timber				
	Major species group				All species	Major species group				All species
	Pine	Other softwoods	Soft hardwoods	Hard hardwoods		Pine	Other softwoods	Soft hardwoods	Hard hardwoods	
	(In million cubic feet)					(In million board feet)				
Northwestern Ozark										
Benton	--	0.2	0.1	3.4	3.7	--	0.8	1.1	14.5	16.4
Camden	--	0.1	0.1	3.9	4.1	--	0.2	-0.4	14.0	13.7
Cedar	--	0.0	3.0	0.1	3.1	--	--	12.0	0.1	12.1
Dallas	--	0.0	0.3	3.3	3.5	--	0.0	0.8	17.8	18.6
Hickory	--	0.2	-0.2	1.5	1.5	--	0.5	-0.7	4.3	4.1
Laclede	0.2	0.1	-0.2	6.4	6.5	2.1	0.0	-1.1	22.3	23.3
Maries	--	0.4	0.1	2.4	2.9	--	2.1	1.0	8.0	11.2
Miller	--	0.2	0.3	3.6	4.0	--	--	1.1	17.7	18.8
Morgan	--	0.0	0.2	4.4	4.5	--	-0.1	1.1	22.6	23.7
Phelps	0.1	0.2	0.3	5.1	5.7	0.7	0.3	0.2	21.4	22.7
Polk	--	0.2	-0.1	1.4	1.5	--	0.4	-0.2	6.3	6.6
Pulaski	0.0	0.3	0.5	4.8	5.6	0.3	0.4	1.3	17.2	19.2
St. Clair	--	0.1	0.6	2.2	2.8	--	0.5	2.4	13.4	16.3
Total	0.4	1.8	5.0	42.3	49.5	3.2	5.3	18.7	179.6	206.8

(Table 60 continued on next page)

(Table 60 continued)

Inventory unit and county	Growing stock					Saw timber				
	Major species group				All species	Major species group				All species
	Pine	Other softwoods	Soft hardwoods	Hard hardwoods		Pine	Other softwoods	Soft hardwoods	Hard hardwoods	
	(In million cubic feet)					(In million board feet)				
Prairie										
Adair	--	0.0	0.1	1.6	1.7	--	--	-0.1	4.4	4.3
Andrew	--	0.0	0.0	0.2	0.2	--	--	-0.5	0.4	-0.1
Atchison	--	--	0.4	0.5	0.9	--	--	3.5	2.2	5.7
Audrain	--	--	0.6	1.7	2.3	--	--	2.9	9.0	11.9
Barton	--	0.0	0.6	1.3	1.9	--	--	3.2	5.8	9.0
Bates	--	--	0.9	1.1	1.9	--	--	2.4	7.1	9.5
Buchanan	--	--	1.5	0.7	2.2	--	--	5.9	2.4	8.3
Caldwell	--	--	0.2	0.0	0.2	--	--	0.8	--	0.8
Carroll	--	--	0.2	1.9	2.2	--	--	0.6	6.6	7.2
Cass	--	--	0.6	2.3	2.9	--	--	4.4	9.6	14.0
Chariton	--	0.1	1.3	1.6	2.9	--	--	4.7	7.7	12.4
Clark	--	0.1	-0.4	0.1	-0.2	--	0.4	-2.1	0.9	-0.9
Clay	--	--	1.0	0.3	1.3	--	--	3.8	2.9	6.7
Clinton	--	--	0.0	0.0	0.0	--	--	--	0.1	0.1
Cooper	--	0.0	0.5	0.6	1.2	--	0.0	1.1	3.1	4.2
Dade	--	0.0	0.2	-0.1	0.1	--	--	1.2	-1.3	-0.1
Daviess	--	--	1.3	1.6	2.9	--	--	6.9	7.3	14.2
DeKalb	--	--	0.4	0.3	0.6	--	--	0.6	0.3	0.9
Gentry	--	0.0	0.8	0.7	1.5	--	--	2.9	2.8	5.7
Greene	0.2	0.0	0.4	0.9	1.5	--	--	1.7	4.2	5.9
Grundy	--	--	0.5	0.5	1.0	--	--	0.9	3.0	3.9
Harrison	--	0.0	0.5	1.3	1.8	--	--	1.8	4.7	6.6
Henry	--	0.1	-1.4	1.7	0.4	--	0.3	-7.2	10.2	3.3
Holt	--	--	0.3	0.5	0.9	--	--	1.3	2.3	3.6
Jackson	--	--	0.6	0.8	1.5	--	--	2.6	1.2	3.8
Jasper	--	--	0.4	1.8	2.2	--	--	2.8	7.8	10.6
Johnson	--	0.0	0.3	1.5	1.8	--	--	0.9	7.5	8.4
Knox	--	0.0	0.4	1.0	1.4	--	--	-0.1	5.0	4.9
Lafayette	--	--	0.3	1.2	1.5	--	--	0.8	4.9	5.7
Lawrence	--	0.0	0.0	0.4	0.5	--	--	0.2	-0.8	-0.6
Lewis	--	0.0	-0.1	2.2	2.1	--	--	-0.6	11.6	11.1
Lincoln	--	0.0	0.0	1.8	1.8	--	--	-0.8	10.4	9.6
Linn	--	--	0.3	0.8	1.1	--	--	1.4	3.6	5.1

(Table 60 continued on next page)

(Table 60 continued)

Inventory unit and county	Growing stock					Saw timber				
	Major species group				All species	Major species group				All species
	Pine	Other softwoods	Soft hardwoods	Hard hardwoods		Pine	Other softwoods	Soft hardwoods	Hard hardwoods	
	(In million cubic feet)					(In million board feet)				
Prairie										
Livingston	--	0.1	1.6	0.7	2.5	--	0.5	10.2	3.8	14.5
Macon	--	0.0	0.5	1.9	2.4	--	--	2.6	12.8	15.4
Marion	--	0.0	-1.8	1.5	-0.3	--	--	-8.0	7.4	-0.5
Mercer	--	--	0.1	1.2	1.4	--	--	-0.1	6.5	6.4
Monroe	--	0.0	0.6	2.4	3.0	--	--	1.6	9.1	10.8
Nodaway	--	0.0	0.2	0.8	1.0	--	--	0.5	3.8	4.3
Pettis	--	0.0	0.3	0.8	1.1	--	--	0.2	5.2	5.4
Pike	--	0.0	0.4	2.4	2.8	--	--	1.3	16.8	18.1
Platte	--	--	0.2	1.1	1.3	--	--	1.5	4.5	5.9
Putnam	--	--	-0.2	1.3	1.1	--	--	-0.1	6.3	6.2
Ralls	--	0.1	0.1	-0.2	-0.1	--	0.0	--	-2.7	-2.7
Randolph	--	0.0	0.3	1.6	1.9	--	--	0.9	7.6	8.5
Ray	--	0.0	0.3	0.4	0.7	--	--	2.2	0.7	2.9
Saline	--	--	1.2	1.9	3.1	--	--	5.9	7.9	13.7
Schuyler	--	0.0	0.0	1.1	1.2	--	0.2	--	4.9	5.1
Scotland	--	--	0.7	3.3	4.0	--	--	3.4	13.2	16.6
Shelby	--	--	-0.7	2.0	1.3	--	--	-2.4	9.9	7.5
Sullivan	--	0.1	0.4	1.4	1.9	--	--	1.6	7.3	8.9
Vernon	--	--	1.1	2.2	3.3	--	--	5.5	6.5	12.0
Worth	--	--	0.3	0.4	0.6	--	--	1.1	1.3	2.4
Total	0.2	0.9	18.4	61.0	80.5	--	1.4	75.8	279.8	357.1

(Table 60 continued on next page)

(Table 60 continued)

Inventory unit and county	Growing stock					Saw timber				
	Major species group				All species	Major species group				All species
	Pine	Other softwoods	Soft hardwoods	Hard hardwoods		Pine	Other softwoods	Soft hardwoods	Hard hardwoods	
	(In million cubic feet)					(In million board feet)				
Riverborder										
Boone	--	0.1	0.1	3.9	4.2	--	0.3	1.3	17.6	19.2
Callaway	--	0.1	0.5	4.2	4.8	--	0.9	1.4	16.9	19.2
Cape Girardeau	--	--	0.8	2.9	3.7	--	--	2.4	13.4	15.9
Cole	--	0.3	0.1	2.3	2.8	--	1.1	0.6	11.4	13.2
Dunklin	--	--	-0.3	0.2	0.0	--	--	-0.9	0.9	0.0
Franklin	0.3	0.6	1.7	3.6	6.3	1.6	3.1	9.1	22.9	36.7
Gasconade	--	0.4	1.1	3.4	4.8	--	0.1	4.1	13.7	17.9
Howard	--	0.0	0.5	2.1	2.5	--	--	1.6	8.5	10.1
Jefferson	0.2	0.5	0.4	3.2	4.4	1.2	1.8	0.3	18.6	21.8
Mississippi	--	--	2.5	--	2.5	--	--	9.9	--	9.9
Moniteau	--	0.0	0.5	1.0	1.6	--	--	2.7	4.4	7.1
Montgomery	--	0.1	-0.1	1.4	1.4	--	0.2	-0.4	9.3	9.1
New Madrid	--	--	3.3	-0.2	3.1	--	--	10.3	-1.2	9.0
Osage	--	0.2	0.6	5.3	6.1	--	0.8	1.6	22.8	25.2
Pemiscot	--	--	0.2	0.0	0.2	--	--	0.7	--	0.7
Perry	--	0.0	0.5	-1.0	-0.5	--	--	2.0	-2.7	-0.7
St. Charles	--	0.1	1.4	1.9	3.4	--	0.3	5.3	10.8	16.5
Ste. Genevieve	0.0	0.3	0.3	1.9	2.5	0.1	0.9	0.5	9.7	11.2
St. Louis	--	--	1.0	1.3	2.3	--	--	3.8	5.0	8.8
Scott	--	--	1.2	1.0	2.3	--	--	4.6	6.7	11.3
Stoddard	0.9	--	1.4	0.7	3.0	6.5	--	4.9	4.3	15.8
Warren	0.1	0.0	-0.5	2.4	2.0	0.4	--	-2.0	16.9	15.2
Total	1.5	2.9	17.2	41.7	63.3	9.9	9.5	63.8	209.8	292.9
All counties	18.3	10.2	52.0	247.7	328.3	109.3	26.6	190.5	1,132.0	1,458.4

All table cells without observations in the inventory sample are indicated by --.

Table value of 0.0 indicates the volume rounds to less than 100,000 cubic or board feet.

Columns and rows may not add to their totals due to rounding.

Table MO-61.—Average annual removals of growing-stock trees (at least 5 inches d.b.h.), in million cubic feet, and sawtimber trees, in million board feet (International 1/4-inch rule), on timberland by inventory unit, county, and major species group, Missouri, 2013

Inventory unit and county	Growing stock					Sawtimber				
	Major species group				All species	Major species group				All species
	Pine	Other softwoods	Soft hardwoods	Hard hardwoods		Pine	Other softwoods	Soft hardwoods	Hard hardwoods	
	(In million cubic feet)					(In million board feet)				
Eastern Ozark										
Bollinger	--	--	0.1	3.1	3.2	--	--	0.6	14.3	14.8
Butler	--	--	0.2	0.3	0.5	--	--	--	1.0	1.0
Carter	1.4	--	0.0	3.1	4.5	6.0	--	--	8.8	14.9
Crawford	--	0.2	0.1	2.3	2.6	--	1.0	--	10.8	11.8
Dent	0.1	--	--	1.3	1.4	0.4	--	--	4.4	4.8
Iron	0.6	--	0.0	4.4	5.0	2.4	--	--	16.8	19.2
Madison	0.1	0.1	0.1	4.7	5.0	0.7	0.5	--	20.3	21.5
Oregon	0.7	--	--	5.0	5.8	3.8	--	--	20.4	24.2
Reynolds	0.2	--	0.7	7.9	8.9	1.2	--	3.2	36.3	40.7
Ripley	0.3	--	0.1	2.2	2.6	1.4	--	0.5	9.4	11.4
St. Francois	0.2	0.0	0.0	1.1	1.3	0.4	--	--	4.4	4.8
Shannon	3.3	0.1	0.4	7.1	11.0	15.1	0.4	1.9	28.1	45.4
Washington	3.2	0.0	0.0	5.3	8.5	16.8	--	--	23.2	40.0
Wayne	0.2	--	--	3.8	4.1	1.2	--	--	15.3	16.5
Total	10.5	0.5	1.9	51.6	64.5	49.3	1.8	6.2	213.6	270.9
Southwestern Ozark										
Barry	--	0.7	0.0	0.5	1.3	--	3.1	--	2.7	5.8
Christian	--	0.3	--	0.5	0.8	--	0.7	--	0.5	1.2
Douglas	--	0.0	--	1.4	1.4	--	--	--	6.1	6.1
Howell	0.1	--	--	4.0	4.1	0.4	--	--	17.1	17.6
McDonald	--	0.0	0.3	4.6	4.9	--	--	0.9	19.1	19.9
New ton	--	--	--	0.8	0.8	--	--	--	2.1	2.1
Ozark	0.2	0.0	--	0.9	1.1	0.8	--	--	3.8	4.6
Stone	--	--	--	0.6	0.6	--	--	--	1.8	1.8
Taney	--	0.9	--	1.3	2.2	--	0.8	--	4.4	5.2
Texas	0.4	--	0.1	6.7	7.3	--	--	--	26.1	26.1
Webster	--	--	--	2.0	2.0	--	--	--	6.8	6.8
Wright	--	0.0	0.0	2.0	2.1	--	--	--	8.0	8.0
Total	0.7	1.9	0.4	25.4	28.5	1.2	4.6	0.9	98.6	105.3

(Table 61 continued on next page)

(Table 61 continued)

Inventory unit and county	Growing stock					Saw timber				
	Major species group					Major species group				
	Pine	Other	Soft	Hard	All species	Pine	Other	Soft	Hard	All species
		softwoods	hardwoods	hardwoods			softwoods	hardwoods	hardwoods	
	(In million cubic feet)					(In million board feet)				
Northwestern Ozark										
Benton	--	--	--	0.9	0.9	--	--	--	4.1	4.1
Camden	--	--	--	0.9	0.9	--	--	--	3.1	3.1
Cedar	--	--	--	0.7	0.7	--	--	--	3.0	3.0
Dallas	--	--	--	0.6	0.6	--	--	--	2.0	2.0
Hickory	--	--	--	0.2	0.2	--	--	--	0.8	0.8
Laclede	--	--	0.0	0.7	0.8	--	--	--	2.0	2.0
Maries	--	0.7	0.1	1.8	2.7	--	1.7	0.6	4.0	6.3
Miller	--	0.0	0.0	4.3	4.4	--	--	--	15.3	15.3
Morgan	--	--	--	0.4	0.4	--	--	--	1.0	1.0
Phelps	--	--	0.0	0.9	0.9	--	--	--	1.3	1.3
Polk	--	--	--	0.3	0.3	--	--	--	--	--
Pulaski	--	--	--	0.2	0.2	--	--	--	--	--
St. Clair	--	--	--	0.9	0.9	--	--	--	2.7	2.7
Total	--	0.8	0.2	12.8	13.8	--	1.7	0.6	39.3	41.6

(Table 61 continued on next page)

(Table 61 continued)

Inventory unit and county	Growing stock					Saw timber				
	Major species group					Major species group				
	Pine	Other	Soft	Hard	All species	Pine	Other	Soft	Hard	All species
		softwoods	hardwoods	hardwoods			softwoods	hardwoods	hardwoods	
	(In million cubic feet)					(In million board feet)				
Prairie										
Audrain	--	--	0.0	--	0.0	--	--	--	--	--
Barton	--	--	0.1	0.8	0.8	--	--	--	3.1	3.1
Bates	--	--	--	0.5	0.5	--	--	--	1.7	1.7
Carroll	--	--	0.1	0.5	0.6	--	--	--	2.4	2.4
Cass	--	--	0.4	3.8	4.2	--	--	1.2	17.4	18.6
Chariton	--	--	0.1	0.5	0.5	--	--	--	1.7	1.7
Cooper	--	0.2	0.0	0.7	1.0	--	0.4	--	2.4	2.8
Daviess	--	--	0.1	0.4	0.5	--	--	--	2.0	2.0
Gentry	--	--	0.3	--	0.3	--	--	1.5	--	1.5
Greene	--	--	--	0.7	0.7	--	--	--	3.3	3.3
Grundy	--	--	0.7	0.3	1.0	--	--	2.3	1.1	3.4
Harrison	--	--	0.1	--	0.1	--	--	--	--	--
Henry	--	--	--	2.5	2.5	--	--	--	12.0	12.0
Holt	--	--	0.1	0.4	0.5	--	--	--	1.9	1.9
Jasper	--	--	--	2.3	2.3	--	--	--	11.0	11.0
Johnson	--	--	0.1	--	0.1	--	--	--	--	--
Lafayette	--	--	0.1	0.1	0.1	--	--	--	--	--
Lawrence	--	--	0.2	0.3	0.5	--	--	0.7	1.6	2.2
Lincoln	--	--	--	0.6	0.6	--	--	--	2.6	2.6
Livingston	--	--	--	0.1	0.1	--	--	--	--	--
Macon	--	--	0.0	0.7	0.7	--	--	--	3.2	3.2
Marion	--	--	0.1	2.0	2.2	--	--	--	8.4	8.4
Mercer	--	--	--	0.7	0.7	--	--	--	3.2	3.2
Monroe	--	--	0.0	0.1	0.2	--	--	--	0.5	0.5
Pike	--	0.0	0.0	1.2	1.2	--	--	--	5.2	5.2
Platte	--	--	--	0.1	0.1	--	--	--	--	--
Putnam	--	--	0.0	2.5	2.5	--	--	--	10.4	10.4
Ralls	--	--	--	1.2	1.2	--	--	--	4.6	4.6
Randolph	--	--	0.1	0.1	0.2	--	--	0.5	--	0.5
Shelby	--	--	0.7	0.4	1.0	--	--	2.7	0.9	3.6
Sullivan	--	--	--	0.2	0.2	--	--	--	1.2	1.2
Vernon	--	--	0.0	0.1	0.1	--	--	--	--	--
Total	--	0.3	3.3	23.6	27.2	--	0.4	8.9	101.8	111.1

(Table 61 continued on next page)

(Table 61 continued)

Inventory unit and county	Growing stock					Saw timber				
	Major species group					Major species group				
	Pine	Other	Soft	Hard	All species	Pine	Other	Soft	Hard	All species
		softwoods	hardwoods	hardwoods			softwoods	hardwoods	hardwoods	
	(In million cubic feet)					(In million board feet)				
Riverborder										
Boone	--	0.0	--	3.1	3.2	--	--	--	12.1	12.1
Callaway	--	--	--	0.6	0.6	--	--	--	0.7	0.7
Cape Girardeau	--	--	0.1	2.4	2.5	--	--	0.5	11.1	11.6
Cole	--	3.9	0.2	1.6	5.7	--	15.3	--	5.7	21.0
Franklin	--	0.5	3.2	5.3	9.0	--	0.6	10.9	22.9	34.4
Gasconade	--	0.2	0.0	1.5	1.7	--	--	--	4.6	4.6
How ard	--	--	--	0.6	0.6	--	--	--	2.7	2.7
Jefferson	--	0.4	0.2	2.5	3.1	--	1.9	--	6.7	8.6
Mississippi	--	--	0.0	--	0.0	--	--	--	--	--
Moniteau	--	0.0	--	0.6	0.6	--	--	--	2.8	2.8
Osage	--	--	--	1.1	1.1	--	--	--	5.2	5.2
Perry	--	--	--	2.8	2.8	--	--	--	13.6	13.6
St. Charles	--	0.3	0.1	0.1	0.4	--	1.1	--	--	1.1
Ste. Genevieve	--	--	0.1	2.4	2.5	--	--	--	11.3	11.3
St. Louis	--	--	0.8	--	0.8	--	--	4.1	--	4.1
Stoddard	--	--	--	0.0	0.0	--	--	--	--	--
Warren	--	--	--	2.8	2.8	--	--	--	12.6	12.6
Total	--	5.3	4.9	27.5	37.8	--	18.9	15.6	112.0	146.5
All counties	11.2	8.8	10.8	141.0	171.8	50.6	27.4	32.1	565.2	675.4

All table cells without observations in the inventory sample are indicated by --.

Table value of 0.0 indicates the volume rounds to less than 100,000 cubic or board feet.

Columns and rows may not add to their totals due to rounding.

Table MO-65.—Sampling errors, in percent, for net volume, average annual net growth, average annual removals, and average annual mortality on timberland, and forest and timberland area by inventory unit and county, Missouri, 2013

Inventory unit and county	Forest area	Timberland area	Growing stock				Saw timber			
			Volume	Average annual net growth	Average annual removals	Average annual mortality	Volume	Average annual net growth	Average annual removals	Average annual mortality
Eastern Ozark										
Bollinger	16.42	16.42	19.34	38.11	42.23	36.99	22.10	46.04	43.68	43.08
Butler	20.54	20.54	23.44	51.42	61.06	34.77	25.17	85.30	92.46	41.49
Carter	14.11	14.48	16.82	18.13	47.43	56.69	18.70	19.44	60.80	81.45
Crawford	14.17	14.26	16.95	33.86	52.69	38.43	18.49	27.75	54.24	47.80
Dent	12.64	12.88	15.50	32.48	53.87	30.77	17.56	37.53	50.87	38.35
Iron	13.19	13.58	15.92	83.63	44.54	25.04	18.03	71.00	46.32	28.46
Madison	15.33	15.64	17.77	69.06	52.37	33.32	19.23	82.53	56.28	39.71
Oregon	12.22	13.02	16.26	21.08	46.53	32.02	18.21	25.31	45.88	42.23
Reynolds	11.17	11.26	12.92	99.25	46.74	24.71	14.02	81.18	47.17	30.91
Ripley	13.65	13.65	16.17	21.77	46.56	26.33	17.91	23.29	53.27	38.03
St. Francois	17.60	17.87	23.25	26.81	64.94	34.63	26.77	30.92	74.22	44.59
Shannon	9.48	10.17	11.83	20.08	34.85	23.41	12.83	19.47	32.65	30.66
Washington	11.71	11.79	14.32	19.31	46.07	27.85	15.81	20.35	47.17	32.25
Wayne	11.37	11.67	13.41	26.07	45.29	26.53	15.26	34.06	46.99	31.28
Total	1.35	1.52	2.61	7.76	13.79	7.81	3.32	8.25	14.61	9.91
Southwestern Ozark										
Barry	15.59	16.35	20.61	23.93	63.84	31.80	22.57	23.67	62.59	47.87
Christian	18.45	18.62	25.22	29.78	68.58	47.25	28.09	31.91	73.87	58.74
Douglas	12.60	12.70	17.05	27.53	48.42	51.64	20.01	34.57	59.10	65.87
Howell	14.06	14.13	17.44	20.27	55.14	30.07	19.86	22.97	55.06	38.31
McDonald	17.16	17.16	20.97	39.52	47.77	41.58	23.03	39.54	49.70	47.52
Newton	21.27	21.27	25.48	100.00	73.55	42.90	27.00	100.00	69.63	47.99
Ozark	13.56	13.69	18.04	49.53	86.40	41.49	20.81	49.81	96.39	52.84
Stone	16.92	17.05	21.84	33.75	68.97	46.25	25.30	39.68	79.71	63.97
Taney	12.90	13.61	18.22	32.89	56.16	32.02	20.84	37.22	65.23	42.49
Texas	10.30	10.33	12.45	15.35	28.27	34.02	14.55	18.41	32.60	42.61
Webster	19.44	19.44	24.71	36.77	66.53	37.97	25.71	28.83	74.53	48.63
Wright	16.81	17.42	21.70	21.31	47.69	37.50	24.58	23.03	49.90	56.81
Total	2.07	2.11	3.99	7.59	16.07	11.81	5.07	8.41	17.84	15.77

(Table 65 continued on next page)

(Table 65 continued)

Inventory unit and county	Forest area	Timberland area	Growing stock			Saw timber				
			Volume	Average annual net growth	Average annual removals	Average annual mortality	Volume	Average annual net growth	Average annual removals	Average annual mortality
Northwestern Ozark										
Benton	14.23	14.23	16.83	20.54	94.83	26.51	18.89	22.90	94.83	41.68
Camden	14.36	14.77	17.69	25.18	65.31	34.52	19.67	30.64	74.60	40.26
Cedar	20.93	21.18	32.82	68.24	73.29	43.28	38.89	73.88	72.17	52.98
Dallas	17.70	17.70	23.03	25.08	77.82	37.23	24.09	28.57	73.18	94.83
Hickory	19.62	20.58	24.37	30.50	100.00	46.73	29.60	39.66	100.00	63.59
Laclede	14.04	14.16	18.46	30.27	69.36	44.98	21.71	25.71	64.10	54.55
Maries	19.21	19.62	23.13	24.34	59.02	43.17	25.43	28.59	56.94	93.26
Miller	16.19	17.42	21.66	27.30	59.98	54.63	24.48	26.50	72.99	68.93
Morgan	17.02	17.20	19.71	23.62	81.61	40.08	20.63	22.69	94.83	51.56
Phelps	13.61	13.94	16.94	18.73	70.32	36.59	20.13	22.55	66.49	40.52
Polk	19.52	19.52	28.31	48.26	94.83	43.02	32.18	58.77	- -	48.07
Pulaski	14.05	14.05	16.67	23.28	80.10	29.68	19.93	32.69	- -	35.47
St. Clair	16.05	17.27	20.99	34.88	70.80	42.81	23.41	30.85	100.00	100.00
Total	1.93	2.13	3.64	6.93	28.50	10.56	4.82	7.46	36.73	14.34

(Table 65 continued on next page)

(Table 65 continued)

Inventory unit and county	Forest area	Timberland area	Growing stock				Saw timber			
			Volume	Average annual net growth	Average annual removals	Average annual mortality	Volume	Average annual net growth	Average annual removals	Average annual mortality
Prairie										
Adair	25.45	26.47	37.90	31.73	--	59.09	41.72	45.29	--	90.32
Andrew	37.17	38.42	61.23	67.39	--	66.41	58.31	100.00	--	100.00
Atchison	35.80	35.80	51.06	89.04	--	61.09	52.35	68.45	--	64.94
Audrain	32.02	32.02	36.59	37.32	100.00	50.46	37.66	43.03	--	50.72
Barton	26.56	27.65	36.02	35.27	57.47	58.22	38.62	35.92	55.52	69.70
Bates	20.88	20.88	35.37	56.77	98.50	67.41	37.49	47.37	98.50	73.78
Buchanan	33.18	33.18	43.32	40.22	--	44.42	48.34	41.21	--	--
Caldwell	57.82	57.82	71.81	73.21	--	67.19	83.31	80.98	--	--
Carroll	34.79	34.79	47.16	63.83	81.29	100.00	57.93	69.31	98.50	--
Cass	21.43	21.43	33.13	33.96	89.40	55.28	39.40	33.48	90.32	90.32
Chariton	28.15	28.15	36.71	37.12	76.81	74.85	39.52	39.94	98.50	98.50
Clark	27.52	28.60	39.98	100.00	--	59.93	45.97	100.00	--	64.12
Clay	42.89	45.71	58.96	53.32	--	100.00	59.63	53.27	--	--
Clinton	72.43	72.43	98.10	99.11	--	--	98.10	99.11	--	--
Cooper	25.52	25.52	32.31	73.41	63.40	40.70	32.83	100.00	71.66	65.33
Dade	29.99	29.99	42.46	100.00	--	57.27	54.38	100.00	--	68.62
Daviess	28.23	28.23	37.66	44.42	99.11	60.22	39.70	43.99	99.11	75.17
DeKalb	44.25	44.25	68.78	66.05	--	90.32	86.01	100.00	--	90.32
Gentry	31.04	31.04	35.54	40.85	98.50	70.38	37.99	45.61	98.50	70.26
Greene	22.44	22.44	26.89	62.49	98.50	59.25	27.06	59.36	98.50	71.48
Grundy	40.23	43.76	48.50	48.20	66.33	69.78	49.70	55.95	64.41	--
Harrison	24.21	24.21	36.50	38.59	90.32	38.39	42.13	41.62	--	76.17
Henry	19.38	19.82	26.07	100.00	91.87	61.69	28.75	100.00	91.87	77.39
Holt	45.84	45.84	70.54	61.07	81.04	--	76.20	71.00	98.50	--
Jackson	28.31	29.58	43.23	48.40	--	73.05	47.67	67.14	--	100.00
Jasper	26.45	26.93	33.81	37.32	98.50	48.66	36.44	39.25	98.50	67.48
Johnson	24.39	25.09	32.85	34.92	100.00	55.41	34.85	41.38	--	98.50
Knox	32.07	32.07	37.86	41.48	--	79.03	39.42	44.03	--	98.50
Lafayette	35.52	35.52	44.53	63.43	98.50	98.50	48.06	71.30	--	98.50
Lawrence	24.34	24.34	40.99	78.61	75.50	49.18	45.26	100.00	74.88	53.89
Lewis	27.12	27.12	37.29	38.78	--	56.79	38.74	44.51	--	74.84
Lincoln	19.29	19.29	25.18	34.70	98.50	32.95	27.90	31.72	98.50	41.92
Linn	37.03	39.66	50.08	55.46	--	85.18	59.84	62.35	--	98.50

(Table 65 continued on next page)

(Table 65 continued)

Inventory unit and county	Forest area	Timberland area	Growing stock				Saw timber			
			Volume	Average annual net growth	Average annual removals	Average annual mortality	Volume	Average annual net growth	Average annual removals	Average annual mortality
Livingston	31.89	31.89	45.18	44.76	98.50	71.05	49.77	45.96	--	98.50
Macon	23.04	23.04	36.96	29.77	77.23	44.05	42.03	35.47	100.00	--
Marion	32.93	33.52	40.98	100.00	91.38	69.73	42.28	100.00	90.43	79.90
Mercer	30.85	30.85	49.95	51.28	98.50	54.80	53.25	61.31	98.50	100.00
Monroe	20.07	20.07	25.68	50.85	91.87	51.24	29.61	61.68	91.87	56.30
Nodaway	31.30	31.30	56.55	43.71	--	83.01	59.90	58.43	--	98.50
Pettis	28.95	28.95	44.74	35.54	--	100.00	51.52	48.73	--	--
Pike	19.61	19.61	23.44	24.11	54.05	35.19	26.11	25.00	57.77	57.42
Platte	31.33	31.33	39.25	47.95	91.87	53.03	40.89	47.17	--	99.11
Putnam	28.04	28.04	33.21	43.19	88.67	45.17	38.80	41.42	92.33	57.85
Ralls	34.59	34.59	39.51	100.00	68.20	77.47	46.61	100.00	67.28	81.85
Randolph	32.07	32.07	37.98	40.82	98.50	73.11	38.02	41.02	98.50	98.50
Ray	32.43	32.43	48.17	46.16	--	76.06	53.77	48.98	--	90.32
Saline	24.92	25.77	31.31	31.17	--	48.77	31.60	37.70	--	75.33
Schuyler	36.48	36.48	42.04	45.81	--	67.18	51.89	45.32	--	98.50
Scotland	27.45	27.45	36.55	40.17	--	62.48	37.14	37.30	--	98.50
Shelby	30.10	30.10	39.51	100.00	91.87	67.14	44.78	100.00	91.87	82.72
Sullivan	26.03	26.03	35.94	43.79	98.50	63.13	39.95	45.09	98.50	80.25
Vernon	23.80	23.80	29.24	38.05	73.97	70.89	29.66	36.44	--	70.59
Worth	70.42	70.42	94.87	91.89	--	--	97.05	96.16	--	--
Total	2.04	2.10	3.93	6.75	24.73	10.56	4.69	7.14	27.06	14.66

(Table 65 continued on next page)

(Table 65 continued)

Inventory unit and county	Forest area	Timberland area	Growing stock				Saw timber			
			Volume	Average annual net growth	Average annual removals	Average annual mortality	Volume	Average annual net growth	Average annual removals	Average annual mortality
Riverborder										
Boone	16.96	17.56	20.70	27.00	80.81	36.46	22.51	27.40	79.17	50.61
Callaway	14.95	15.16	18.81	31.18	53.50	39.88	20.51	32.99	88.98	49.87
Cape Girardeau	22.46	22.84	27.81	31.14	62.83	56.41	29.55	31.87	63.08	81.26
Cole	21.20	21.20	26.38	35.84	56.35	35.62	28.27	38.02	59.74	45.22
Dunklin	77.87	77.87	83.81	100.00	--	100.00	84.57	100.00	--	100.00
Franklin	12.79	12.97	14.98	26.55	47.50	31.37	15.89	26.03	46.68	43.86
Gasconade	17.39	18.15	24.48	26.23	82.38	44.00	28.11	30.93	88.98	67.08
Howard	23.91	24.40	31.47	29.98	79.97	48.79	34.36	34.84	100.00	67.13
Jefferson	15.56	15.56	19.34	23.27	80.07	27.60	21.56	24.97	76.51	32.63
Mississippi	59.09	59.09	64.30	80.03	88.98	88.98	64.32	73.94	--	--
Moniteau	32.88	34.65	46.34	48.62	96.95	62.91	48.38	56.91	99.36	71.53
Montgomery	21.95	22.20	27.49	42.33	--	42.59	28.69	42.37	--	60.66
New Madrid	45.79	45.79	66.32	89.99	--	63.74	77.11	100.00	--	71.46
Osage	16.77	17.32	21.93	29.55	88.98	30.56	23.49	28.32	88.98	--
Pemiscot	90.85	90.85	90.85	90.92	--	--	90.85	90.92	--	--
Perry	25.61	26.19	31.90	100.00	65.13	43.22	34.60	100.00	64.94	49.39
St. Charles	25.08	25.08	27.97	35.08	73.72	45.23	28.11	33.67	88.98	63.79
Ste. Genevieve	16.22	17.92	23.62	40.38	60.27	35.08	25.69	44.31	62.76	39.98
St. Louis	26.92	27.82	31.10	40.58	72.85	54.96	31.37	45.59	73.20	58.43
Scott	39.09	39.09	50.69	51.31	--	71.32	52.67	51.28	--	--
Stoddard	29.69	33.98	47.64	46.12	99.36	47.05	49.95	52.61	--	90.33
Warren	17.98	17.98	20.41	57.35	65.07	35.96	20.78	39.91	67.34	41.62
Total	2.13	2.37	3.97	9.51	19.94	10.17	4.61	8.88	20.07	13.66
All counties	0.71	0.79	1.48	3.49	8.58	4.48	1.87	3.64	9.24	5.97

Sampling errors that exceed 100% are reported as 100%.