

## List of Estimate Tables

Tables labeled with the State abbreviation followed by a number (e.g., Table IN-1) report estimates of forest characteristics collected during this inventory period, 2009 to 2013, and includes estimates of forested area, number of trees, volume, 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. Gaps in the enumeration of tables are placeholders for future tables such as forest health indicator population estimates (e.g., down woody material).

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Table IN-1.—Percentage of area by land status, Indiana, 2013

Land status	Percentage of area
<b>Accessible forest land</b>	
Unreserved forest land	
Timberland	18.3
Unproductive	0.0
Total unreserved forest land	18.3
Reserved forest land	
Productive	0.6
Unproductive	--
Total reserved forest land	0.6
<b>All accessible forest land</b>	<b>19.0</b>
<b>Nonforest and other land</b>	
Nonforest land	76.0
Water	
Census	0.9
Non-Census	0.5
<b>All nonforest and other land</b>	<b>77.5</b>
<b>Nonsampled land</b>	
Access denied	3.3
Hazardous conditions	0.3
Other	--
<b>All land</b>	<b>100.0</b>
<b>Total area (thousands of acres)</b>	<b>23,157</b>

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 IN-2.—Area of forest land, in thousand acres, by owner class and forest-land land status, Indiana, 2013

Owner class	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
<b>Forest Service</b>							
National forest	196.1	--	196.1	10.2	--	10.2	206.3
<b>Other Federal</b>							
National Park Service	--	--	--	11.1	--	11.1	11.1
Fish and Wildlife Service	--	--	--	19.6	--	19.6	19.6
Department of Defense or Energy	123.4	--	123.4	--	--	--	123.4
Other Federal	19.6	--	19.6	--	--	--	19.6
<b>State and local government</b>							
State	256.7	--	256.7	109.1	--	109.1	365.8
Local (county, municipal, etc.)	39.9	--	39.9	8.7	--	8.7	48.6
<b>Private</b>							
Corporate	377.7	2.8	380.5	--	--	--	380.5
Nongovernmental conservation organization	49.0	--	49.0	--	--	--	49.0
Unincorporated local association or club	53.2	--	53.2	--	--	--	53.2
Individual	3,540.9	1.5	3,542.4	--	--	--	3,542.4
<b>Forest Industry</b>							
Forest Industry	55.9	--	55.9	--	--	--	55.9
<b>All owners</b>	<b>4,712.4</b>	<b>4.3</b>	<b>4,716.7</b>	<b>158.7</b>	<b>--</b>	<b>158.7</b>	<b>4,875.4</b>

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.  
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Table IN-3.—Area of forest land, in thousand acres, by forest-type group and productivity class, Indiana, 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	--	3.6	4.4	11.4	13.3	3.6	2.5	38.7
Loblolly / shortleaf pine group	--	4.1	5.4	16.9	8.6	--	0.4	35.4
Other eastern softwoods group	--	18.4	5.7	0.2	--	--	--	24.3
Exotic softwoods group	--	--	--	2.2	2.4	--	--	4.6
Oak / pine group	--	38.1	35.9	65.3	20.1	--	--	159.5
Oak / hickory group	4.3	264.4	1,026.8	1,513.3	613.7	83.1	5.8	3,511.4
Oak / gum / cypress group	--	--	19.9	35.8	4.4	4.0	--	64.1
Elm / ash / cottonwood group	--	32.3	193.9	282.3	122.1	22.0	--	652.5
Maple / beech / birch group	--	27.9	123.8	120.3	46.5	1.1	--	319.6
Aspen / birch group	--	--	0.9	2.8	--	--	--	3.8
Other hardwoods group	--	1.1	5.7	10.8	2.5	--	--	20.2
Exotic hardwoods group	--	1.0	0.8	--	--	--	--	1.8
Nonstocked	--	3.0	18.4	13.7	4.5	--	--	39.6
<b>All forest-type groups</b>	<b>4.3</b>	<b>394.0</b>	<b>1,441.7</b>	<b>2,074.9</b>	<b>838.2</b>	<b>113.7</b>	<b>8.6</b>	<b>4,875.4</b>

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

Forest-type group	Forest Service		Other Federal		State and local government		Undifferentiated private		All forest land
	Timberland	Other forest land	Timberland	Other forest land	Timberland	Other forest land	Timberland	Other forest land	
White / red / jack pine group	3.3	--	--	--	7.3	3.0	25.1	--	38.7
Loblolly / shortleaf pine group	11.4	--	0.9	--	3.4	--	19.7	--	35.4
Other eastern softwoods group	--	--	--	--	--	--	24.3	--	24.3
Exotic softwoods group	--	--	--	--	0.6	--	4.0	--	4.6
Oak / pine group	5.8	2.6	--	--	10.6	6.6	133.7	--	159.5
Oak / hickory group	154.8	7.5	121.9	12.3	220.0	90.8	2,899.7	4.3	3,511.4
Oak / gum / cypress group	--	--	5.2	6.0	3.0	5.2	44.8	--	64.1
Elm / ash / cottonwood group	8.7	--	10.8	12.5	39.8	11.0	569.7	--	652.5
Maple / beech / birch group	11.5	--	--	--	8.1	1.3	298.7	--	319.6
Aspen / birch group	--	--	--	--	--	--	3.8	--	3.8
Other hardwoods group	0.6	--	--	--	--	--	19.6	--	20.2
Exotic hardwoods group	--	--	--	--	--	--	1.8	--	1.8
Nonstocked	--	--	4.3	--	3.7	--	31.6	--	39.6
<b>All forest-type groups</b>	<b>196.1</b>	<b>10.2</b>	<b>143.0</b>	<b>30.7</b>	<b>296.6</b>	<b>117.8</b>	<b>4,076.7</b>	<b>4.3</b>	<b>4,875.4</b>

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

Forest-type group	Stand-size class					All size classes
	Large diameter	Medium diameter	Small diameter	Chaparral	Nonstocked	
White / red / jack pine group	30.8	5.4	2.5	--	--	38.7
Loblolly / shortleaf pine group	30.9	1.0	3.5	--	--	35.4
Other eastern softwoods group	8.6	8.7	7.0	--	--	24.3
Exotic softwoods group	0.8	0.7	3.0	--	--	4.6
Oak / pine group	95.9	52.2	11.3	--	--	159.5
Oak / hickory group	2,737.9	522.9	250.6	--	--	3,511.4
Oak / gum / cypress group	50.5	9.6	4.0	--	--	64.1
Elm / ash / cottonwood group	512.2	90.7	49.6	--	--	652.5
Maple / beech / birch group	291.7	22.1	5.8	--	--	319.6
Aspen / birch group	3.8	--	--	--	--	3.8
Other hardwoods group	9.4	0.8	10.0	--	--	20.2
Exotic hardwoods group	0.8	1.0	--	--	--	1.8
Nonstocked	--	--	--	--	39.6	39.6
<b>All forest-type groups</b>	<b>3,773.4</b>	<b>715.2</b>	<b>347.2</b>	<b>--</b>	<b>39.6</b>	<b>4,875.4</b>

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

Forest-type group	Non stocked	Stand-age class (years)										All classes	
		1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-160	161-180	181-200		201+
White / red / jack pine group	--	5.0	8.5	17.0	8.1	--	--	--	--	--	--	--	38.7
Loblolly / shortleaf pine group	--	--	5.4	11.5	17.3	1.2	--	--	--	--	--	--	35.4
Other eastern softwoods group	--	1.2	6.6	10.1	5.6	0.9	--	--	--	--	--	--	24.3
Exotic softwoods group	--	3.7	0.8	--	--	--	--	--	--	--	--	--	4.6
Oak / pine group	--	8.2	42.2	73.9	28.2	3.3	--	3.8	--	--	--	--	159.5
Oak / hickory group	--	166.3	510.9	1,004.9	1,048.2	541.6	192.3	31.2	8.8	--	--	--	3,511.4
Oak / gum / cypress group	--	--	8.6	21.7	28.8	1.2	3.8	--	--	--	--	--	64.1
Elm / ash / cottonwood group	--	38.3	117.9	261.0	179.4	50.6	4.5	0.9	--	--	--	--	652.5
Maple / beech / birch group	--	7.3	10.7	86.2	104.2	90.9	16.5	3.8	--	--	--	--	319.6
Aspen / birch group	--	2.8	--	--	0.9	--	--	--	--	--	--	--	3.8
Other hardwoods group	--	2.8	1.7	12.1	1.9	1.7	--	--	--	--	--	--	20.2
Exotic hardwoods group	--	1.0	--	0.8	--	--	--	--	--	--	--	--	1.8
Nonstocked	39.6	--	--	--	--	--	--	--	--	--	--	--	39.6
<b>All forest-type groups</b>	<b>39.6</b>	<b>236.7</b>	<b>713.4</b>	<b>1,499.1</b>	<b>1,422.6</b>	<b>691.2</b>	<b>217.0</b>	<b>39.7</b>	<b>8.8</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>4,875.4</b>

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

Forest-type group	Stand origin		All forest land
	Natural stands	Artificial regeneration	
White / red / jack pine group	7.1	31.7	38.7
Loblolly / shortleaf pine group	10.8	24.6	35.4
Other eastern softwoods group	23.2	1.2	24.3
Exotic softwoods group	1.6	3.0	4.6
Oak / pine group	138.0	21.5	159.5
Oak / hickory group	3,425.9	85.5	3,511.4
Oak / gum / cypress group	64.1	--	64.1
Elm / ash / cottonwood group	639.3	13.2	652.5
Maple / beech / birch group	318.6	0.9	319.6
Aspen / birch group	3.8	--	3.8
Other hardwoods group	20.2	--	20.2
Exotic hardwoods group	1.8	--	1.8
Nonstocked	37.5	2.1	39.6
<b>All forest-type groups</b>	<b>4,691.8</b>	<b>183.6</b>	<b>4,875.4</b>

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**Table IN-8.—Area of forest land, in thousand acres, by forest-type group and disturbance class, Indiana, 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	38.7	--	--	--	--	--	--	--	--	38.7
Loblolly / shortleaf pine group	25.9	--	--	5.1	--	0.9	--	3.5	--	35.4
Other eastern softwoods group	23.5	--	--	--	--	0.8	--	--	--	24.3
Exotic softwoods group	4.6	--	--	--	--	--	--	--	--	4.6
Oak / pine group	135.8	--	--	6.6	--	10.9	0.8	5.3	--	159.5
Oak / hickory group	3,136.2	21.8	1.0	35.7	5.9	141.1	10.8	95.8	59.5	3,511.4
Oak / gum / cypress group	60.2	--	--	3.8	--	--	--	--	--	64.1
Elm / ash / cottonwood group	501.7	5.7	--	110.9	--	8.5	2.5	15.8	7.4	652.5
Maple / beech / birch group	279.1	3.8	--	5.0	--	17.3	--	14.4	--	319.6
Aspen / birch group	0.9	--	--	2.8	--	--	--	--	--	3.8
Other hardwoods group	19.3	--	--	--	--	--	--	0.8	--	20.2
Exotic hardwoods group	1.8	--	--	--	--	--	--	--	--	1.8
Nonstocked	26.2	--	--	0.9	--	0.9	3.6	2.1	5.9	39.6
<b>All forest-type groups</b>	<b>4,254.1</b>	<b>31.3</b>	<b>1.0</b>	<b>170.9</b>	<b>5.9</b>	<b>180.4</b>	<b>17.7</b>	<b>137.8</b>	<b>72.9</b>	<b>4,875.4</b>

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

Forest-type group	Stand-size class					All size classes
	Large diameter	Medium diameter	Small diameter	Chaparral	Nonstocked	
White / red / jack pine group	27.8	5.4	2.5	--	--	35.7
Loblolly / shortleaf pine group	30.9	1.0	3.5	--	--	35.4
Other eastern softwoods group	8.6	8.7	7.0	--	--	24.3
Exotic softwoods group	0.8	0.7	3.0	--	--	4.6
Oak / pine group	93.3	48.3	8.6	--	--	150.2
Oak / hickory group	2,644.2	509.9	242.4	--	--	3,396.5
Oak / gum / cypress group	44.5	4.4	4.0	--	--	53.0
Elm / ash / cottonwood group	501.6	81.9	45.6	--	--	629.1
Maple / beech / birch group	290.4	22.1	5.8	--	--	318.3
Aspen / birch group	3.8	--	--	--	--	3.8
Other hardwoods group	9.4	0.8	10.0	--	--	20.2
Exotic hardwoods group	0.8	1.0	--	--	--	1.8
Nonstocked	--	--	--	--	39.6	39.6
<b>All forest-type groups</b>	<b>3,656.3</b>	<b>684.3</b>	<b>332.2</b>	<b>--</b>	<b>39.6</b>	<b>4,712.4</b>

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**Table IN-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, Indiana, 2013**

Species group/Species	Diameter class (inches)															All classes
	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+	
<b>Softwood species groups</b>																
<b>Eastern softwood species groups</b>																
Loblolly and shortleaf pines																
Shortleaf pine	--	168	200	478	697	356	409	202	141	83	14	--	--	--	--	2,747
Species group subtotal	--	168	200	478	697	356	409	202	141	83	14	--	--	--	--	2,747
Other yellow pines																
Scotch pine	241	724	340	47	45	41	--	--	--	--	--	--	--	--	--	1,437
Virginia pine	2,231	1,402	689	828	1,094	595	560	255	105	109	39	--	--	--	--	7,909
Species group subtotal	2,473	2,125	1,030	874	1,139	636	560	255	105	109	39	--	--	--	--	9,346
Eastern white and red pines																
Red pine	--	--	421	714	1,125	442	156	68	--	--	--	--	--	--	--	2,926
Eastern white pine	5,023	3,195	2,127	1,179	774	631	464	345	420	170	89	34	18	--	--	14,470
Species group subtotal	5,023	3,195	2,548	1,893	1,899	1,074	621	413	420	170	89	34	18	--	--	17,396
Jack pine																
Jack pine	--	--	130	110	24	--	--	--	--	--	--	--	--	--	--	264
Species group subtotal	--	--	130	110	24	--	--	--	--	--	--	--	--	--	--	264
Cypress																
Baldcypress	223	--	--	--	--	--	--	--	--	--	--	--	--	--	--	223
Species group subtotal	223	--	--	--	--	--	--	--	--	--	--	--	--	--	--	223
Other eastern softwoods																
Eastern redcedar	27,952	18,124	10,507	6,520	3,342	1,349	604	276	85	14	--	--	--	--	--	68,774
Tamarack (native)	--	--	--	72	--	--	--	--	--	--	--	--	--	--	--	72
Norway spruce	247	--	17	17	--	--	--	--	17	--	17	--	--	--	--	317
Blue spruce	--	--	46	--	--	--	--	--	--	--	--	--	--	--	--	46
Austrian pine	--	--	20	--	--	--	--	--	--	--	--	--	--	--	--	20
Species group subtotal	28,200	18,124	10,590	6,610	3,342	1,349	604	276	103	14	17	--	--	--	--	69,229
<b>All softwoods</b>	<b>35,918</b>	<b>23,613</b>	<b>14,497</b>	<b>9,965</b>	<b>7,102</b>	<b>3,415</b>	<b>2,193</b>	<b>1,146</b>	<b>769</b>	<b>376</b>	<b>159</b>	<b>34</b>	<b>18</b>	<b>--</b>	<b>--</b>	<b>99,207</b>

(Table IN-10 continued on next page)

(Table IN-10 continued)

Species group/Species	Diameter class (inches)															All classes
	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+	
<b>Hardwood species groups</b>																
<b>Eastern hardwood species groups</b>																
Select white oaks																
White oak	8,639	2,919	3,402	2,912	2,668	2,869	3,094	2,893	2,631	2,063	1,769	814	330	135	121	37,260
Swamp white oak	1,131	232	115	161	154	48	205	161	89	--	71	--	47	--	--	2,414
Bur oak	1,995	573	299	136	201	108	41	58	45	117	101	54	--	--	--	3,728
Swamp chestnut oak	652	--	24	--	48	--	45	--	21	24	24	--	--	--	--	838
Chinkapin oak	3,551	3,268	1,872	1,263	1,016	1,000	558	396	311	108	264	62	24	--	19	13,713
Species group subtotal	15,969	6,992	5,711	4,472	4,087	4,025	3,943	3,508	3,097	2,312	2,229	930	401	135	141	57,952
Select red oaks																
Cherrybark oak	219	219	18	--	--	19	28	28	28	--	28	--	--	--	--	586
Northern red oak	7,979	2,714	2,643	1,938	1,444	1,249	1,266	1,371	1,390	1,058	1,217	420	217	58	60	25,025
Shumard oak	--	--	--	18	--	--	--	18	16	16	18	--	--	--	--	86
Species group subtotal	8,198	2,932	2,660	1,956	1,444	1,269	1,294	1,416	1,434	1,074	1,263	420	217	58	60	25,697
Other white oaks																
Chestnut oak	857	498	293	525	636	820	1,124	954	607	294	389	112	--	--	--	7,109
Post oak	219	299	96	131	112	72	84	24	48	--	14	--	--	--	--	1,096
Species group subtotal	1,076	796	389	655	748	892	1,208	977	654	294	403	112	--	--	--	8,205
Other red oaks																
Scarlet oak	--	248	143	61	164	210	177	409	169	183	47	17	--	--	--	1,829
Northern pin oak	287	--	194	166	128	128	42	44	--	20	20	--	19	--	--	1,047
Shingle oak	2,717	567	792	420	386	293	264	138	113	76	132	--	--	22	--	5,919
Blackjack oak	--	--	24	--	--	--	--	--	--	--	--	--	--	--	--	24
Pin oak	2,410	1,708	1,312	1,018	1,012	796	764	477	417	241	383	252	49	43	39	10,922
Black oak	9,207	5,227	3,663	2,347	2,108	2,135	1,803	1,592	2,130	1,194	1,673	544	233	24	42	33,924
Species group subtotal	14,622	7,750	6,127	4,012	3,798	3,562	3,050	2,660	2,829	1,714	2,255	814	301	89	81	53,664

(Table IN-10 continued on next page)

(Table IN-10 continued)

Species group/Species	Diameter class (inches)															All classes
	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																
Water hickory	--	--	--	--	--	--	--	24	--	--	--	--	--	--	--	24
Bitternut hickory	10,459	3,653	2,148	2,246	1,728	1,520	1,180	695	749	455	193	--	23	--	--	25,050
Pignut hickory	4,210	3,395	3,289	2,907	3,107	2,221	1,713	1,428	954	517	307	65	18	--	--	24,132
Pecan	268	--	21	22	43	--	--	--	22	--	19	--	21	--	--	415
Shellbark hickory	--	--	159	95	115	117	--	48	--	--	24	--	18	--	--	577
Shagbark hickory	16,167	6,922	4,900	4,181	3,456	3,157	2,249	1,628	1,117	636	341	89	21	--	--	44,864
Black hickory	--	--	--	--	24	--	--	--	--	--	--	--	--	--	--	24
Mockernut hickory	--	585	86	173	122	90	146	61	42	22	--	--	--	--	--	1,326
Red hickory	--	--	--	--	--	--	22	22	23	--	--	--	--	--	--	67
Species group subtotal	31,105	14,554	10,603	9,625	8,594	7,106	5,310	3,905	2,907	1,629	884	155	101	--	--	96,478
Yellow birch																
Yellow birch	--	--	18	--	--	--	--	--	--	--	--	--	--	--	--	18
All species	--	--	18	--	--	--	--	--	--	--	--	--	--	--	--	18
Hard maple																
Black maple	--	247	119	228	44	90	--	--	--	22	--	--	--	--	--	751
Sugar maple	220,327	56,969	26,999	18,139	11,424	7,741	5,345	4,258	2,487	1,480	1,190	249	145	20	68	356,842
Species group subtotal	220,327	57,216	27,118	18,368	11,468	7,832	5,345	4,258	2,487	1,502	1,190	249	145	20	68	357,593
Soft maple																
Red maple	56,581	19,707	11,433	7,767	4,601	3,537	2,300	1,612	870	729	605	288	44	41	44	110,158
Silver maple	8,108	3,200	2,950	2,625	1,909	1,660	1,206	962	859	489	573	243	107	--	44	24,935
Species group subtotal	64,689	22,907	14,384	10,392	6,509	5,197	3,506	2,575	1,729	1,218	1,178	531	151	41	88	135,093
Beech																
American beech	82,956	14,372	4,817	2,477	1,594	1,177	831	816	832	549	636	215	117	24	61	111,474
Species group subtotal	82,956	14,372	4,817	2,477	1,594	1,177	831	816	832	549	636	215	117	24	61	111,474

(Table IN-10 continued on next page)

(Table IN-10 continued)

Species group/Species	Diameter class (inches)															All classes
	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+	
Sweetgum																
Sweetgum	20,088	8,413	3,188	1,956	1,464	918	762	325	217	237	281	20	24	--	--	37,891
Species group subtotal	20,088	8,413	3,188	1,956	1,464	918	762	325	217	237	281	20	24	--	--	37,891
Tupelo and blackgum																
Blackgum	17,583	5,628	4,088	1,978	1,177	590	373	394	156	114	41	45	--	--	--	32,169
Species group subtotal	17,583	5,628	4,088	1,978	1,177	590	373	394	156	114	41	45	--	--	--	32,169
Ash																
White ash	52,457	16,088	9,697	6,449	4,654	3,721	2,987	1,976	1,575	757	1,126	543	43	70	44	102,189
Black ash	860	798	223	138	47	23	--	--	--	--	--	--	--	--	--	2,090
Green ash	22,207	4,560	3,940	3,272	2,272	1,563	985	868	358	269	238	83	19	20	20	40,675
Pumpkin ash	--	--	24	--	--	--	--	--	24	--	--	--	--	--	--	48
Blue ash	2,302	287	283	161	136	23	66	69	39	23	20	--	--	--	24	3,433
Species group subtotal	77,827	21,733	14,168	10,020	7,110	5,331	4,037	2,914	1,996	1,048	1,384	626	62	90	88	148,434
Cottonwood and aspen																
Eastern cottonwood	606	537	201	211	282	339	273	474	525	375	496	391	183	135	42	5,071
Bigtooth aspen	284	284	622	161	354	336	271	105	149	--	35	--	--	--	--	2,600
Swamp cottonwood	--	--	--	--	17	--	--	--	--	--	--	--	--	--	--	17
Quaking aspen	--	--	54	46	--	--	--	--	--	--	--	--	--	--	--	100
Species group subtotal	890	820	876	418	653	676	544	580	674	375	531	391	183	135	42	7,788
Basswood																
American basswood	7,016	4,708	1,957	1,490	1,171	804	651	390	277	158	269	24	23	20	--	18,957
Species group subtotal	7,016	4,708	1,957	1,490	1,171	804	651	390	277	158	269	24	23	20	--	18,957
Yellow-poplar																
Yellow-poplar	23,457	13,074	8,189	6,992	5,603	5,214	4,433	3,437	3,094	2,390	1,900	1,085	177	83	19	79,147
Species group subtotal	23,457	13,074	8,189	6,992	5,603	5,214	4,433	3,437	3,094	2,390	1,900	1,085	177	83	19	79,147

(Table IN-10 continued on next page)



(Table IN-10 continued)

Species group/Species	Diameter class (inches)															All classes
	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+	
Black walnut																
Black walnut	8,351	7,872	5,525	5,021	4,138	3,105	2,451	1,622	1,136	663	260	90	23	--	--	40,256
Species group subtotal	8,351	7,872	5,525	5,021	4,138	3,105	2,451	1,622	1,136	663	260	90	23	--	--	40,256
Other eastern soft hardwoods																
Boxelder	17,354	6,881	3,360	2,908	1,332	702	414	241	161	40	24	--	--	--	--	33,416
Ohio buckeye	23,438	7,127	1,984	887	307	133	23	--	--	--	--	--	--	--	--	33,898
River birch	449	--	685	706	262	245	113	23	--	--	--	--	--	--	--	2,483
Northern catalpa	792	287	154	154	197	67	46	--	92	69	47	--	--	--	--	1,905
Sugarberry	--	--	23	--	--	23	--	--	--	--	--	--	--	--	--	45
Hackberry	34,636	11,085	5,895	3,937	2,172	1,408	837	620	259	178	158	47	23	--	47	61,302
Butternut	--	--	24	20	24	--	--	--	--	--	--	--	--	--	--	68
American sycamore	3,113	3,068	1,632	1,497	1,268	1,108	1,094	1,056	769	575	916	518	191	83	68	16,957
Black cherry	49,920	18,596	13,970	8,653	5,231	4,015	2,297	1,245	697	566	374	60	--	--	--	105,625
Black willow	4,210	1,837	831	538	285	193	115	140	19	21	20	--	--	--	--	8,207
Sassafras	62,386	25,287	10,204	6,830	4,477	1,927	1,489	685	234	226	40	21	--	--	--	113,805
Winged elm	5,445	856	387	241	89	--	--	--	--	--	--	--	--	--	--	7,018
American elm	73,196	31,933	12,773	6,094	2,909	1,414	935	194	170	80	85	--	21	21	--	129,825
Siberian elm	724	268	142	125	80	20	40	23	21	66	--	19	--	--	--	1,528
Slippery elm	15,972	8,868	3,705	2,558	967	553	229	156	109	88	86	--	--	--	--	33,292
Species group subtotal	291,636	116,093	55,768	35,148	19,599	11,807	7,633	4,382	2,529	1,909	1,750	666	235	104	115	549,374

(Table IN-10 continued on next page)

(Table IN-10 continued)

Species group/Species	Diameter class (inches)															All classes
	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	60,293	16,917	2,222	258	31	--	--	--	--	--	--	--	--	--	--	79,721
Common persimmon	4,034	2,435	1,293	511	386	110	183	48	--	--	--	--	--	--	--	9,000
Waterlocust	--	--	--	22	22	--	--	--	--	--	--	--	--	--	--	43
Honeylocust	3,853	2,110	1,381	1,129	709	573	464	312	181	131	--	23	--	--	--	10,865
Kentucky coffeetree	247	742	103	64	21	--	23	43	--	--	--	--	--	--	--	1,242
Mulberry spp.	--	287	58	20	--	--	--	--	--	--	--	--	--	--	--	364
White mulberry	1,117	573	220	206	66	20	23	--	19	--	--	--	--	--	--	2,244
Red mulberry	9,203	4,954	1,065	707	458	202	70	88	67	20	--	--	--	--	--	16,834
Black locust	4,796	4,506	3,039	1,694	1,523	682	353	295	108	206	83	--	--	--	--	17,285
Rock elm	1,348	--	90	125	20	--	--	--	--	--	--	--	--	--	--	1,582
Species group subtotal	84,891	32,522	9,471	4,734	3,235	1,586	1,117	786	375	357	83	23	--	--	--	139,180

(Table IN-10 continued on next page)

(Table IN-10 continued)

Species group/Species	Diameter class (inches)															All classes
	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+	
Eastern noncommercial hardwoods																
Ailanthus	3,981	1,001	268	65	72	94	66	24	--	--	--	--	--	--	--	5,572
European alder	--	--	44	--	--	--	--	--	--	--	--	--	--	--	--	44
Serviceberry spp.	2,102	742	24	--	--	--	--	--	--	--	--	--	--	--	--	2,868
Common serviceberry	207	--	--	--	--	--	--	--	--	--	--	--	--	--	--	207
Pawpaw	36,119	232	86	--	--	--	--	--	--	--	--	--	--	--	--	36,437
American hornbeam, musclewood	35,064	4,434	986	72	--	--	--	--	--	--	--	--	--	--	--	40,555
Eastern redbud	27,717	4,751	1,978	271	68	18	--	--	--	--	--	--	--	--	--	34,804
Hawthorn spp.	17,276	5,088	1,338	293	89	47	--	--	--	--	--	--	--	--	--	24,131
Cockspur hawthorn	2,352	877	20	--	--	--	--	--	--	--	--	--	--	--	--	3,249
Osage-orange	6,420	5,040	2,901	1,441	663	271	172	47	24	24	23	--	--	--	20	17,047
Apple spp.	4,324	1,965	87	--	111	49	23	--	23	--	--	--	--	--	--	6,583
Eastern hophornbeam	29,056	8,393	1,799	528	114	69	--	--	--	--	--	--	--	--	--	39,959
Sourwood	284	--	--	--	--	--	--	--	--	--	--	--	--	--	--	284
Cherry and plum spp.	--	--	20	--	--	--	--	--	--	--	--	--	--	--	--	20
Chokecherry	800	--	--	--	--	--	--	--	--	--	--	--	--	--	--	800
American plum	--	284	23	--	--	--	--	--	--	--	--	--	--	--	--	306
Willow spp.	254	--	70	22	28	--	--	--	--	--	--	--	--	--	--	373
Other or unknown live tree	--	--	24	--	--	--	--	--	--	--	--	--	--	--	--	24
Species group subtotal	165,958	32,806	9,669	2,692	1,145	549	261	71	47	24	23	--	--	--	20	213,265
<b>All hardwoods</b>	<b>1,136,637</b>	<b>371,191</b>	<b>184,725</b>	<b>122,406</b>	<b>83,537</b>	<b>61,637</b>	<b>46,748</b>	<b>35,016</b>	<b>26,470</b>	<b>17,568</b>	<b>16,560</b>	<b>6,395</b>	<b>2,160</b>	<b>800</b>	<b>783</b>	<b>2,112,634</b>
<b>All species groups</b>	<b>1,172,556</b>	<b>394,804</b>	<b>199,222</b>	<b>132,371</b>	<b>90,639</b>	<b>65,052</b>	<b>48,942</b>	<b>36,163</b>	<b>27,240</b>	<b>17,944</b>	<b>16,719</b>	<b>6,429</b>	<b>2,178</b>	<b>800</b>	<b>783</b>	<b>2,211,841</b>

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 IN-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, Indiana, 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+	
<b>Softwood species groups</b>														
<b>Eastern softwood species groups</b>														
Loblolly and shortleaf pines														
Shortleaf pine	200	446	682	324	375	152	125	35	14	--	--	--	--	2,352
Species group subtotal	200	446	682	324	375	152	125	35	14	--	--	--	--	2,352
Other yellow pines														
Scotch pine	280	47	45	41	--	--	--	--	--	--	--	--	--	412
Virginia pine	581	812	1,054	571	513	207	105	90	20	--	--	--	--	3,954
Species group subtotal	862	858	1,099	612	513	207	105	90	20	--	--	--	--	4,366
Eastern white and red pines														
Red pine	421	714	1,125	442	156	68	--	--	--	--	--	--	--	2,926
Eastern white pine	1,993	1,071	643	577	411	345	420	170	89	16	--	--	--	5,735
Species group subtotal	2,414	1,785	1,768	1,020	567	413	420	170	89	16	--	--	--	8,661
Jack pine														
Jack pine	49	49	24	--	--	--	--	--	--	--	--	--	--	122
Species group subtotal	49	49	24	--	--	--	--	--	--	--	--	--	--	122

(Table IN-11 continued on next page)

(Table IN-11 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 softwoods														
Eastern redcedar	7,418	4,508	2,126	790	268	139	40	14	--	--	--	--	--	15,303
Tamarack (native)	--	72	--	--	--	--	--	--	--	--	--	--	--	72
Norway spruce	17	17	--	--	--	--	17	--	17	--	--	--	--	70
Blue spruce	46	--	--	--	--	--	--	--	--	--	--	--	--	46
Austrian pine	20	--	--	--	--	--	--	--	--	--	--	--	--	20
Species group subtotal	7,501	4,598	2,126	790	268	139	57	14	17	--	--	--	--	15,511
<b>All softwoods</b>	<b>11,025</b>	<b>7,736</b>	<b>5,698</b>	<b>2,746</b>	<b>1,723</b>	<b>912</b>	<b>708</b>	<b>309</b>	<b>140</b>	<b>16</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>31,012</b>

(Table IN-11 continued on next page)

(Table IN-11 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+	
<b>Hardwood species groups</b>														
<b>Eastern hardwood species groups</b>														
Select white oaks														
White oak	3,111	2,577	2,398	2,659	2,815	2,779	2,557	2,008	1,582	712	266	95	39	23,599
Swamp white oak	95	145	138	48	205	161	65	--	47	--	47	--	--	951
Bur oak	279	136	201	108	23	40	45	62	65	--	--	--	--	959
Swamp chestnut oak	24	--	48	--	45	--	21	24	24	--	--	--	--	185
Chinkapin oak	1,703	1,112	871	833	558	351	291	108	224	41	24	--	--	6,117
Species group subtotal	5,211	3,970	3,657	3,649	3,645	3,330	2,979	2,203	1,942	753	337	95	39	31,810
Select red oaks														
Cherrybark oak	--	--	--	19	28	28	28	--	28	--	--	--	--	131
Northern red oak	2,205	1,672	1,407	1,195	1,184	1,314	1,372	1,018	1,200	382	217	58	23	13,247
Shumard oak	--	--	--	--	--	18	16	16	18	--	--	--	--	68
Species group subtotal	2,205	1,672	1,407	1,214	1,212	1,360	1,416	1,034	1,245	382	217	58	23	13,446
Other white oaks														
Chestnut oak	219	468	428	597	845	797	438	178	310	62	--	--	--	4,341
Post oak	72	100	112	72	84	24	48	--	14	--	--	--	--	524
Species group subtotal	291	568	540	668	928	821	486	178	323	62	--	--	--	4,865

(Table IN-11 continued on next page)

(Table IN-11 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 red oaks														
Scarlet oak	120	61	164	210	146	392	151	148	--	17	--	--	--	1,410
Northern pin oak	69	127	88	46	--	24	--	--	--	--	19	--	--	374
Shingle oak	623	420	363	192	230	138	113	59	132	--	--	22	--	2,290
Pin oak	1,139	876	788	613	600	417	379	202	366	226	49	43	39	5,737
Black oak	3,302	1,982	1,834	1,886	1,641	1,423	1,935	1,025	1,495	450	129	--	42	17,145
Species group subtotal	5,254	3,466	3,238	2,947	2,616	2,393	2,577	1,434	1,993	694	197	65	81	26,956
Hickory														
Water hickory	--	--	--	--	--	24	--	--	--	--	--	--	--	24
Bitternut hickory	1,826	2,013	1,550	1,432	1,157	672	701	455	174	--	--	--	--	9,981
Pignut hickory	3,037	2,704	3,018	2,143	1,677	1,347	954	499	261	46	18	--	--	15,704
Pecan	--	22	43	--	--	--	22	--	19	--	21	--	--	126
Shellbark hickory	117	95	115	117	--	48	--	--	24	--	18	--	--	534
Shagbark hickory	4,556	3,984	3,336	3,018	2,154	1,587	1,101	598	341	89	21	--	--	20,785
Black hickory	--	--	24	--	--	--	--	--	--	--	--	--	--	24
Mockernut hickory	86	173	99	90	123	61	42	22	--	--	--	--	--	695
Red hickory	--	--	--	--	22	22	23	--	--	--	--	--	--	67
Species group subtotal	9,623	8,991	8,184	6,800	5,134	3,760	2,843	1,574	819	135	78	--	--	47,940

(Table IN-11 continued on next page)

(Table IN-11 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	119	228	44	68	--	--	--	--	--	--	--	--	--	460
Sugar maple	24,166	16,398	10,395	6,990	4,959	3,876	2,227	1,351	1,063	185	83	--	--	71,692
Species group subtotal	24,285	16,626	10,438	7,058	4,959	3,876	2,227	1,351	1,063	185	83	--	--	72,152
Soft maple														
Red maple	8,933	6,083	3,804	3,089	1,876	1,333	667	620	562	200	44	21	44	27,277
Silver maple	1,596	1,854	1,485	1,447	940	837	716	386	537	243	107	--	44	10,192
Species group subtotal	10,529	7,937	5,289	4,536	2,816	2,170	1,384	1,006	1,099	443	151	21	88	37,470
Beech														
American beech	4,152	2,071	1,344	958	618	635	754	473	489	112	74	24	--	11,703
Species group subtotal	4,152	2,071	1,344	958	618	635	754	473	489	112	74	24	--	11,703
Sweetgum														
Sweetgum	2,520	1,815	1,353	806	673	307	199	184	243	20	24	--	--	8,143
All Species	2,520	1,815	1,353	806	673	307	199	184	243	20	24	--	--	8,143
Tupelo and blackgum														
Blackgum	3,466	1,657	987	531	373	347	156	114	41	45	--	--	--	7,718
Species group subtotal	3,466	1,657	987	531	373	347	156	114	41	45	--	--	--	7,718

(Table IN-11 continued on next page)



(Table IN-11 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+	
Ash														
White ash	7,279	4,948	3,959	3,022	2,495	1,814	1,381	717	1,013	378	23	23	24	27,078
Black ash	200	92	47	23	--	--	--	--	--	--	--	--	--	363
Green ash	2,949	2,669	2,047	1,287	875	734	227	215	238	38	19	20	20	11,339
Pumpkin ash	24	--	--	--	--	--	24	--	--	--	--	--	--	48
Blue ash	199	138	136	23	66	69	39	23	20	--	--	--	--	713
Species group subtotal	10,651	7,847	6,190	4,355	3,436	2,618	1,671	955	1,271	416	42	43	44	39,540
Cottonwood and aspen														
Eastern cottonwood	178	190	259	339	273	415	434	357	442	373	183	135	42	3,622
Bigtooth aspen	604	161	354	283	240	105	133	--	35	--	--	--	--	1,915
Quaking aspen	36	46	--	--	--	--	--	--	--	--	--	--	--	82
Species group subtotal	818	397	613	622	513	520	567	357	477	373	183	135	42	5,619
Basswood														
American basswood	1,609	1,123	920	627	565	304	277	158	229	24	23	--	--	5,859
Species group subtotal	1,609	1,123	920	627	565	304	277	158	229	24	23	--	--	5,859
Yellow-poplar														
Yellow-poplar	7,590	6,574	5,382	4,889	4,209	3,350	3,046	2,319	1,781	1,068	154	67	--	40,426
Species group subtotal	7,590	6,574	5,382	4,889	4,209	3,350	3,046	2,319	1,781	1,068	154	67	--	40,426
Black walnut														
Black walnut	4,519	4,225	3,724	2,696	2,165	1,244	1,017	508	215	68	23	--	--	20,404
Species group subtotal	4,519	4,225	3,724	2,696	2,165	1,244	1,017	508	215	68	23	--	--	20,404

(Table IN-11 continued on next page)

(Table IN-11 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	1,050	1,059	434	206	109	45	64	20	--	--	--	--	--	2,986
Ohio buckeye	1,296	617	140	91	23	--	--	--	--	--	--	--	--	2,167
River birch	624	671	262	227	113	23	--	--	--	--	--	--	--	1,919
Northern catalpa	22	42	60	22	46	--	66	23	--	--	--	--	--	280
Sugarberry	23	--	--	23	--	--	--	--	--	--	--	--	--	45
Hackberry	4,308	3,268	1,957	1,288	773	577	210	117	137	47	23	--	23	12,729
Butternut	24	20	24	--	--	--	--	--	--	--	--	--	--	68
American sycamore	1,161	1,143	1,084	977	1,005	1,009	692	528	863	482	154	67	44	9,207
Black cherry	9,406	5,894	3,687	3,320	1,558	1,037	592	463	291	60	--	--	--	26,307
Black willow	420	367	285	129	51	78	19	--	20	--	--	--	--	1,369
Sassafras	6,863	4,980	3,207	1,346	1,104	514	191	162	40	21	--	--	--	18,428
Winged elm	297	241	89	--	--	--	--	--	--	--	--	--	--	627
American elm	9,127	4,408	2,192	973	669	129	121	60	60	--	21	21	--	17,780
Siberian elm	80	79	59	20	--	23	--	66	--	19	--	--	--	346
Slippery elm	3,066	2,099	878	466	165	156	109	67	86	--	--	--	--	7,091
Species group subtotal	37,765	24,889	14,357	9,086	5,614	3,592	2,064	1,505	1,497	629	198	88	67	101,350

(Table IN-11 continued on next page)

(Table IN-11 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 hard hardwoods														
Flowering dogwood	804	22	--	--	--	--	--	--	--	--	--	--	--	825
Common persimmon	971	445	362	110	183	48	--	--	--	--	--	--	--	2,119
Honeylocust	972	756	499	402	289	196	140	86	--	--	--	--	--	3,340
Kentucky coffeetree	63	44	21	--	23	43	--	--	--	--	--	--	--	194
White mulberry	22	23	--	--	--	--	--	--	--	--	--	--	--	45
Red mulberry	158	43	68	20	23	--	--	--	--	--	--	--	--	311
Black locust	1,702	1,266	1,094	451	166	228	--	72	21	--	--	--	--	5,001
Rock elm	69	22	20	--	--	--	--	--	--	--	--	--	--	111
Species group subtotal	4,760	2,620	2,063	983	685	515	140	157	21	--	--	--	--	11,945
<b>All hardwoods</b>	<b>135,248</b>	<b>96,449</b>	<b>69,686</b>	<b>52,426</b>	<b>40,160</b>	<b>31,143</b>	<b>23,803</b>	<b>15,510</b>	<b>14,750</b>	<b>5,409</b>	<b>1,783</b>	<b>595</b>	<b>385</b>	<b>487,348</b>
<b>All species groups</b>	<b>146,273</b>	<b>104,185</b>	<b>75,384</b>	<b>55,172</b>	<b>41,884</b>	<b>32,055</b>	<b>24,511</b>	<b>15,819</b>	<b>14,890</b>	<b>5,425</b>	<b>1,783</b>	<b>595</b>	<b>385</b>	<b>518,360</b>

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 IN-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, Indiana, 2013

Owner class	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
<b>Forest Service</b>							
National forest	458.9	--	458.9	36.4	--	36.4	495.3
<b>Other Federal</b>							
National Park Service	--	--	--	28.8	--	28.8	28.8
Fish and Wildlife Service	--	--	--	49.8	--	49.8	49.8
Department of Defense or Energy	288.2	--	288.2	--	--	--	288.2
Other Federal	33.5	--	33.5	--	--	--	33.5
<b>State and local government</b>							
State	562.7	--	562.7	233.9	--	233.9	796.5
Local (county, municipal, etc.)	105.3	--	105.3	18.9	--	18.9	124.2
<b>Private</b>							
Undifferentiated private	8,598.3	4.7	8,603.1	--	--	--	8,603.1
<b>All owners</b>	<b>10,046.9</b>	<b>4.7</b>	<b>10,051.7</b>	<b>367.8</b>	<b>--</b>	<b>367.8</b>	<b>10,419.5</b>

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 IN-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, Indiana, 2013**

Forest-type group	Stand-size class			Nonstocked	All size classes
	Large diameter	Medium diameter	Small diameter		
White / red / jack pine group	88.0	1.8	0.0	--	89.8
Loblolly / shortleaf pine group	76.4	2.2	0.8	--	79.4
Other eastern softwoods group	16.3	9.2	0.8	--	26.4
Exotic softwoods group	0.5	0.2	0.1	--	0.8
Oak / pine group	188.1	53.7	2.6	--	244.4
Oak / hickory group	6,853.8	624.1	67.8	--	7,545.7
Oak / gum / cypress group	140.3	14.0	1.0	--	155.3
Elm / ash / cottonwood group	1,430.8	103.7	9.3	--	1,543.8
Maple / beech / birch group	671.5	23.2	2.2	--	697.0
Aspen / birch group	4.5	--	--	--	4.5
Other hardwoods group	19.2	0.8	5.8	--	25.8
Exotic hardwoods group	3.3	0.5	--	--	3.8
Nonstocked	--	--	--	2.7	2.7
<b>All forest-type groups</b>	<b>9,492.7</b>	<b>833.5</b>	<b>90.6</b>	<b>2.7</b>	<b>10,419.5</b>

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 IN-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, Indiana, 2013

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
<b>Softwood species groups</b>					
<b>Eastern softwood species groups</b>					
Loblolly and shortleaf pines					
Shortleaf pine	27.6	1.0	3.1	12.5	44.2
Species group subtotal	27.6	1.0	3.1	12.5	44.2
Other yellow pines					
Scotch pine	--	--	--	2.0	2.0
Virginia pine	4.3	2.7	12.3	44.0	63.3
Species group subtotal	4.3	2.7	12.3	46.0	65.3
Eastern white and red pines					
Red pine	--	--	12.8	13.4	26.2
Eastern white pine	14.6	1.5	15.0	63.1	94.2
Species group subtotal	14.6	1.5	27.8	76.5	120.4
Jack pine					
Jack pine	--	--	--	1.0	1.0
Species group subtotal	--	--	--	1.0	1.0
Other eastern softwoods					
Eastern redcedar	5.6	3.0	11.3	92.3	112.2
Tamarack (native)	--	--	0.4	--	0.4
Norway spruce	--	--	2.9	--	2.9
Blue spruce	--	--	--	0.1	0.1
Austrian pine	--	--	--	0.1	0.1
Species group subtotal	5.6	3.0	14.5	92.5	115.6
<b>All softwoods</b>	<b>52.1</b>	<b>8.2</b>	<b>57.8</b>	<b>228.5</b>	<b>346.6</b>

(Table IN-14 continued on next page)

(Table IN-14 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
<b>Hardwood species groups</b>					
<b>Eastern hardwood species groups</b>					
Select white oaks					
White oak	103.2	43.0	86.5	534.0	766.7
Swamp white oak	--	0.1	0.1	27.5	27.8
Bur oak	--	--	12.7	14.6	27.3
Swamp chestnut oak	--	--	--	5.5	5.5
Chinkapin oak	2.1	5.2	6.6	95.5	109.4
Species group subtotal	105.3	48.3	106.0	677.0	936.6
Select red oaks					
Cherrybark oak	--	--	0.1	5.1	5.1
Northern red oak	28.5	15.9	62.5	349.6	456.5
Shumard oak	1.6	--	2.3	--	3.9
Species group subtotal	30.2	15.9	64.8	354.7	465.6
Other white oaks					
Chestnut oak	23.8	--	61.4	63.4	148.7
Post oak	1.1	--	0.5	6.4	8.0
Species group subtotal	24.9	--	61.9	69.9	156.7
Other red oaks					
Scarlet oak	13.3	1.3	9.4	21.2	45.3
Northern pin oak	--	--	5.4	6.6	12.0
Shingle oak	--	0.7	3.1	42.7	46.6
Blackjack oak	--	--	--	0.1	0.1
Pin oak	2.4	17.5	9.1	149.9	178.9
Black oak	43.7	29.3	62.0	419.8	554.8
Species group subtotal	59.5	48.8	89.0	640.3	837.6
Hickory					
Water hickory	--	--	--	1.0	1.0
Bitternut hickory	4.2	1.5	8.2	189.7	203.6
Pignut hickory	30.4	17.2	28.2	228.3	304.1
Pecan	--	--	--	6.8	6.8
Shellbark hickory	--	--	--	9.9	9.9
Shagbark hickory	6.8	5.8	21.6	331.1	365.3
Black hickory	--	--	--	0.2	0.2
Mockernut hickory	--	0.8	--	12.5	13.3
Red hickory	--	--	--	2.4	2.4
Species group subtotal	41.4	25.2	58.0	781.9	906.5
Yellow birch					
Yellow birch	--	--	0.0	--	0.0
Species group subtotal	--	--	0.0	--	0.0
Hard maple					
Black maple	--	--	--	4.5	4.5
Sugar maple	43.3	21.2	73.1	945.6	1,083.1
Species group subtotal	43.3	21.2	73.1	950.0	1,087.6

(Table IN-14 continued on next page)

(Table IN-14 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Soft maple					
Red maple	21.8	28.1	34.6	381.3	465.7
Silver maple	0.1	7.1	11.4	279.6	298.2
Species group subtotal	21.9	35.2	45.9	660.9	763.9
Beech					
American beech	12.8	10.8	30.7	228.3	282.5
Species group subtotal	12.8	10.8	30.7	228.3	282.5
Sweetgum					
Sweetgum	3.0	17.7	16.3	85.3	122.2
Species group subtotal	3.0	17.7	16.3	85.3	122.2
Tupelo and blackgum					
Blackgum	4.7	2.4	9.8	61.6	78.5
Species group subtotal	4.7	2.4	9.8	61.6	78.5
Ash					
White ash	12.9	5.7	49.8	505.9	574.4
Black ash	--	--	0.0	2.0	2.1
Green ash	0.2	5.5	6.1	180.9	192.6
Pumpkin ash	--	--	--	1.3	1.3
Blue ash	--	--	0.7	13.6	14.3
Species group subtotal	13.1	11.2	56.7	703.7	784.7
Cottonwood and aspen					
Eastern cottonwood	--	11.9	25.3	218.7	256.0
Bigtooth aspen	3.6	5.1	4.4	17.8	31.0
Swamp cottonwood	--	0.2	--	--	0.2
Quaking aspen	--	--	0.1	0.2	0.3
Species group subtotal	3.6	17.3	29.9	236.7	287.5
Basswood					
American basswood	0.1	6.3	3.7	106.1	116.2
Species group subtotal	0.1	6.3	3.7	106.1	116.2
Yellow-poplar					
Yellow-poplar	50.9	88.8	92.6	997.2	1,229.4
Species group subtotal	50.9	88.8	92.6	997.2	1,229.4
Black walnut					
Black walnut	4.1	4.7	19.7	289.0	317.6
Species group subtotal	4.1	4.7	19.7	289.0	317.6

(Table IN-14 continued on next page)



(Table IN-14 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Other eastern soft hardwoods					
Boxelder	0.5	1.1	3.2	56.0	60.8
Ohio buckeye	--	0.3	1.1	10.7	12.1
River birch	0.2	0.4	1.9	11.7	14.3
Northern catalpa	--	--	--	13.0	13.0
Sugarberry	--	--	--	0.5	0.5
Hackberry	0.4	3.0	3.2	147.3	153.9
Butternut	--	--	--	0.4	0.4
American sycamore	10.0	11.4	22.7	398.1	442.2
Black cherry	2.7	7.8	35.6	303.4	349.5
Black willow	--	0.0	1.1	19.1	20.3
Sassafras	5.1	6.9	17.9	168.6	198.4
Winged elm	0.3	--	--	2.3	2.6
American elm	2.3	3.0	5.7	131.7	142.6
Siberian elm	--	--	--	9.9	9.9
Slippery elm	1.3	0.6	2.4	55.1	59.3
Species group subtotal	22.7	34.7	94.7	1,327.7	1,479.9
Other eastern hard hardwoods					
Flowering dogwood	0.1	0.2	0.3	4.3	4.9
Common persimmon	0.2	0.6	1.0	13.9	15.7
Waterlocust	--	--	--	0.2	0.2
Honeylocust	0.1	1.2	1.8	51.9	54.9
Kentucky coffeetree	--	--	--	2.7	2.7
Mulberry spp.	--	--	0.0	0.1	0.1
White mulberry	--	--	0.1	2.7	2.8
Red mulberry	--	--	1.3	15.1	16.4
Black locust	0.7	1.6	4.5	60.2	67.0
Rock elm	--	--	--	0.8	0.8
Species group subtotal	1.1	3.5	8.9	151.9	165.4

(Table IN-14 continued on next page)

(Table IN-14 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Eastern noncommercial hardwoods					
Ailanthus	--	--	0.1	3.9	4.0
European alder	--	--	0.0	0.1	0.1
Serviceberry spp.	--	--	--	0.0	0.0
Pawpaw	--	--	0.1	0.0	0.1
American hornbeam, musclewood	0.1	0.1	0.1	1.6	1.8
Eastern redbud	0.4	0.0	0.3	4.3	5.0
Hawthorn spp.	--	0.1	--	4.4	4.5
Cockspur hawthorn	--	--	--	0.0	0.0
Osage-orange	--	0.1	0.6	28.1	28.8
Apple spp.	--	0.0	--	2.6	2.6
Eastern hophornbeam	0.0	--	0.1	6.6	6.8
Cherry and plum spp.	--	--	--	0.1	0.1
American plum	--	--	--	0.0	0.0
Willow spp.	--	--	--	0.5	0.5
Other or unknown live tree	--	--	--	0.0	0.0
Species group subtotal	0.5	0.3	1.4	52.3	54.5
<b>All hardwoods</b>	<b>443.1</b>	<b>392.2</b>	<b>863.0</b>	<b>8,374.6</b>	<b>10,072.9</b>
<b>All species groups</b>	<b>495.3</b>	<b>400.4</b>	<b>920.7</b>	<b>8,603.1</b>	<b>10,419.5</b>

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 IN-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, Indiana, 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+
<b>Softwood species groups</b>														
<b>Eastern softwood species groups</b>														
Loblolly and shortleaf pines														
Shortleaf pine	1	3	6	6	10	7	6	5	1	--	--	--	--	44
Species group subtotal	1	3	6	6	10	7	6	5	1	--	--	--	--	44
Other yellow pines														
Scotch pine	1	0	0	1	--	--	--	--	--	--	--	--	--	2
Virginia pine	2	4	11	10	14	9	5	6	3	--	--	--	--	63
Species group subtotal	3	5	11	10	14	9	5	6	3	--	--	--	--	65
Eastern white and red pines														
Red pine	1	4	10	6	3	2	--	--	--	--	--	--	--	26
Eastern white pine	5	6	7	10	11	11	19	10	7	4	3	--	--	94
Species group subtotal	6	9	18	16	14	13	19	10	7	4	3	--	--	120
Jack pine														
Jack pine	0	0	0	--	--	--	--	--	--	--	--	--	--	1
Species group subtotal	0	0	0	--	--	0	--	--	--	--	--	--	--	1
Other eastern softwoods														
Eastern redcedar	22	29	25	16	11	7	3	1	--	--	--	--	--	112
Tamarack (native)	--	0	--	--	--	--	--	--	--	--	--	--	--	0
Norway spruce	0	0	--	--	--	--	1	--	2	--	--	--	--	3
Blue spruce	0	--	--	--	--	--	--	--	--	--	--	--	--	0
Austrian pine	0	--	--	--	--	--	--	--	--	--	--	--	--	0
Species group subtotal	22	29	25	16	11	7	3	1	2	--	--	--	--	116
<b>All softwoods</b>	<b>31</b>	<b>46</b>	<b>60</b>	<b>48</b>	<b>48</b>	<b>36</b>	<b>34</b>	<b>22</b>	<b>13</b>	<b>4</b>	<b>3</b>	<b>--</b>	<b>--</b>	<b>347</b>

(Table IN-15 continued on next page)

(Table IN-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+
<b>Hardwood species groups</b>														
<b>Eastern hardwood species groups</b>														
Select white oaks														
White oak	8	15	24	43	67	90	110	108	128	83	45	22	24	767
Swamp white oak	0	1	1	1	5	5	3	--	5	--	6	--	--	28
Bur oak	1	1	2	1	1	2	2	6	7	5	--	--	--	27
Swamp chestnut oak	0	--	0	--	1	--	1	1	2	--	--	--	--	5
Chinkapin oak	4	6	9	14	12	12	13	6	20	6	3	--	4	109
Species group subtotal	13	22	37	59	86	110	129	122	162	93	54	22	27	937
Select red oaks														
Cherrybark oak	0	--	--	0	1	1	1	--	2	--	--	--	--	5
Northern red oak	7	11	14	20	30	45	62	61	96	48	35	12	15	457
Shumard oak	--	0	--	--	--	1	1	1	2	--	--	--	--	4
Species group subtotal	7	11	14	21	31	47	64	62	100	48	35	12	15	466
Other white oaks														
Chestnut oak	1	3	6	11	23	28	23	15	28	11	--	--	--	149
Post oak	0	1	1	1	2	1	2	--	1	--	--	--	--	8
Species group subtotal	1	3	7	13	25	28	25	15	29	11	--	--	--	157
Other red oaks														
Scarlet oak	0	0	2	3	4	13	7	10	4	2	--	--	--	45
Northern pin oak	0	1	1	2	1	1	--	1	2	--	3	--	--	12
Shingle oak	2	2	4	4	6	4	5	4	11	--	--	5	--	47
Blackjack oak	0	--	--	--	--	--	--	--	--	--	--	--	--	0
Pin oak	3	6	10	12	17	15	18	13	32	29	8	8	9	179
Black oak	9	12	20	32	40	50	92	67	127	57	35	3	11	555
Species group subtotal	14	21	36	53	68	84	121	96	175	88	46	16	19	838
Hickory														
Water hickory	--	--	--	--	--	1	--	--	--	--	--	--	--	1
Bitternut hickory	5	12	18	25	31	26	38	30	17	--	2	--	--	204
Pignut hickory	8	16	31	37	45	52	47	33	25	7	3	--	--	304
Pecan	0	0	0	--	--	--	1	--	1	--	4	--	--	7
Shellbark hickory	0	1	1	2	--	2	--	--	2	--	2	--	--	10
Shagbark hickory	12	22	34	51	55	57	53	39	27	12	3	--	--	365
Black hickory	--	--	0	--	--	--	--	--	--	--	--	--	--	0
Mockernut hickory	0	1	1	1	4	2	2	2	--	--	--	--	--	13
Red hickory	--	--	--	--	0	1	1	--	--	--	--	--	--	2
Species group subtotal	26	51	86	117	135	141	142	104	72	19	14	--	--	907
Yellow birch														
Yellow birch	0	--	--	--	--	--	--	--	--	--	--	--	--	0
Species group subtotal	0	--	--	--	--	0	--	--	--	--	--	--	--	0

(Table IN-15 continued on next page)

(Table IN-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	1	0	1	--	--	--	1	--	--	--	--	--	4
Sugar maple	70	101	120	131	136	153	120	91	99	28	20	3	10	1,083
Species group subtotal	71	103	121	132	136	153	120	93	99	28	20	3	10	1,088
Soft maple														
Red maple	28	42	44	57	53	53	39	42	48	34	7	7	12	466
Silver maple	7	14	19	26	28	32	38	28	47	29	17	--	13	298
Species group subtotal	35	56	63	83	80	85	77	70	96	62	23	7	25	764
Beech														
American beech	12	13	15	19	20	27	38	33	52	24	16	4	11	283
Species group subtotal	12	13	15	19	20	27	38	33	52	24	16	4	11	283
Sweetgum														
Sweetgum	6	9	13	14	18	11	10	14	22	2	3	--	--	122
Species group subtotal	6	9	13	14	18	11	10	14	22	2	3	--	--	122
Tupelo and blackgum														
Blackgum	8	9	10	9	8	12	7	6	3	5	--	--	--	78
Species group subtotal	8	9	10	9	8	12	7	6	3	5	--	--	--	78
Ash														
White ash	22	33	43	57	70	67	71	44	87	57	5	10	8	574
Black ash	1	1	0	0	--	--	--	--	--	--	--	--	--	2
Green ash	9	17	22	25	24	29	15	15	18	8	3	3	4	193
Pumpkin ash	0	--	--	--	--	--	1	--	--	--	--	--	--	1
Blue ash	1	1	1	0	1	2	2	1	1	--	--	--	4	14
Species group subtotal	32	52	67	82	95	98	90	61	107	65	8	13	15	785
Cottonwood and aspen														
Eastern cottonwood	0	1	3	6	7	16	25	24	43	54	33	31	13	256
Bigtooth aspen	2	1	4	6	7	3	7	--	2	--	--	--	--	31
Swamp cottonwood	--	--	0	--	--	--	--	--	--	--	--	--	--	0
Quaking aspen	0	0	--	--	--	--	--	--	--	--	--	--	--	0
Species group subtotal	2	2	7	11	14	20	31	24	45	54	33	31	13	287
Basswood														
American basswood	5	8	11	12	15	12	13	10	21	4	3	2	--	116
Species group subtotal	5	8	11	12	15	12	13	10	21	4	3	2	--	116
Yellow-poplar														
Yellow-poplar	22	42	63	95	123	139	168	171	186	162	33	20	5	1,229
Species group subtotal	22	42	63	95	123	139	168	171	186	162	33	20	5	1,229
Black walnut														
Black walnut	12	24	36	44	52	46	44	32	16	9	3	--	--	318
Species group subtotal	12	24	36	44	52	46	44	32	16	9	3	--	--	318

(Table IN-15 continued on next page)

(Table IN-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	7	12	10	9	8	6	5	2	1	--	--	--	--	61
Ohio buckeye	4	4	2	2	1	--	--	--	--	--	--	--	--	12
River birch	1	3	2	4	3	1	--	--	--	--	--	--	--	14
Northern catalpa	0	1	2	1	1	--	4	3	2	--	--	--	--	13
Sugarberry	0	--	--	0	--	--	--	--	--	--	--	--	--	0
Hackberry	11	18	19	19	18	19	11	9	11	5	3	--	10	154
Butternut	0	0	0	--	--	--	--	--	--	--	--	--	--	0
American sycamore	5	9	14	20	30	42	41	40	90	74	37	21	19	442
Black cherry	28	38	44	57	48	39	30	31	27	7	--	--	--	350
Black willow	2	3	3	3	2	5	1	1	1	--	--	--	--	20
Sassafras	21	32	38	27	32	21	10	12	3	2	--	--	--	198
Winged elm	1	1	1	--	--	--	--	--	--	--	--	--	--	3
American elm	26	27	23	19	19	5	7	4	6	--	3	4	--	143
Siberian elm	0	1	1	0	1	1	1	4	--	2	--	--	--	10
Slippery elm	8	11	8	8	4	5	5	5	6	--	--	--	--	59
Species group subtotal	114	159	167	169	166	143	114	110	147	91	44	25	29	1,480
Other eastern hard hardwoods														
Flowering dogwood	4	1	0	--	--	--	--	--	--	--	--	--	--	5
Common persimmon	3	2	3	2	4	2	--	--	--	--	--	--	--	16
Waterlocust	--	0	0	--	--	--	--	--	--	--	--	--	--	0
Honeylocust	3	5	6	8	9	9	7	6	--	2	--	--	--	55
Kentucky coffeetree	0	0	0	--	1	1	--	--	--	--	--	--	--	3
Mulberry spp.	0	0	--	--	--	--	--	--	--	--	--	--	--	0
White mulberry	0	1	0	0	0	--	1	--	--	--	--	--	--	3
Red mulberry	2	3	3	2	1	2	2	1	--	--	--	--	--	16
Black locust	6	7	13	9	7	9	3	9	4	--	--	--	--	67
Rock elm	0	0	0	--	--	--	--	--	--	--	--	--	--	1
Species group subtotal	18	20	26	21	23	23	13	16	4	2	-	-	-	165

(Table IN-15 continued on next page)

(Table IN-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	1	1	1	--	--	--	--	--	--	--	4
European alder	0	--	--	--	--	--	--	--	--	--	--	--	--	0
Serviceberry spp.	0	--	--	--	--	--	--	--	--	--	--	--	--	0
Pawpaw	0	--	--	--	--	--	--	--	--	--	--	--	--	0
American hornbeam, musclewood	2	0	--	--	--	--	--	--	--	--	--	--	--	2
Eastern redbud	3	1	0	0	--	--	--	--	--	--	--	--	--	5
Hawthorn spp.	2	1	1	1	--	--	--	--	--	--	--	--	--	5
Cockspur hawthorn	0	--	--	--	--	--	--	--	--	--	--	--	--	0
Osage-orange	5	6	5	3	3	1	1	1	1	--	--	--	2	29
Apple spp.	0	--	1	1	0	--	1	--	--	--	--	--	--	3
Eastern hophornbeam	3	2	1	1	--	--	--	--	--	--	--	--	--	7
Cherry and plum spp.	0	--	--	--	--	--	--	--	--	--	--	--	--	0
American plum	0	--	--	--	--	--	--	--	--	--	--	--	--	0
Willow spp.	0	0	0	--	--	--	--	--	--	--	--	--	--	0
Other or unknown live tree	0	--	--	--	--	--	--	--	--	--	--	--	--	0
Species group subtotal	17	11	9	6	4	2	1	1	1	--	--	--	2	54
<b>All hardwoods</b>	<b>415</b>	<b>617</b>	<b>788</b>	<b>960</b>	<b>1,098</b>	<b>1,181</b>	<b>1,207</b>	<b>1,039</b>	<b>1,337</b>	<b>764</b>	<b>335</b>	<b>157</b>	<b>173</b>	<b>10,073</b>
<b>All species groups</b>	<b>446</b>	<b>663</b>	<b>849</b>	<b>1,008</b>	<b>1,146</b>	<b>1,217</b>	<b>1,240</b>	<b>1,062</b>	<b>1,350</b>	<b>768</b>	<b>338</b>	<b>157</b>	<b>173</b>	<b>10,419</b>

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 IN-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, Indiana, 2013**

Forest-type group	Stand origin		All forest land
	Natural stands	Artificial regeneration	
White / red / jack pine group	15.5	74.3	89.8
Loblolly / shortleaf pine group	27.6	51.9	79.4
Other eastern softwoods group	26.3	0.1	26.4
Exotic softwoods group	0.7	0.1	0.8
Oak / pine group	203.4	41.0	244.4
Oak / hickory group	7,447.1	98.6	7,545.7
Oak / gum / cypress group	155.3	--	155.3
Elm / ash / cottonwood group	1,512.2	31.6	1,543.8
Maple / beech / birch group	696.9	0.0	697.0
Aspen / birch group	4.5	--	4.5
Other hardwoods group	25.8	--	25.8
Exotic hardwoods group	3.8	--	3.8
Nonstocked	2.7	--	2.7
<b>All forest-type groups</b>	<b>10,121.8</b>	<b>297.7</b>	<b>10,419.5</b>

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 IN-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, Indiana, 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+
<b>Softwood species groups</b>														
<b>Eastern softwood species groups</b>														
Loblolly and shortleaf pines														
Shortleaf pine	1	2	6	5	9	5	6	2	1	--	--	--	--	37
Species group subtotal	1	2	6	5	9	5	6	2	1	--	--	--	--	37
Other yellow pines														
Scotch pine	1	0	0	1	--	--	--	--	--	--	--	--	--	2
Virginia pine	2	4	10	10	13	7	5	5	1	--	--	--	--	57
Species group subtotal	2	4	11	10	13	7	5	5	1	--	--	--	--	59
Eastern white and red pines														
Red pine	1	4	10	6	3	2	--	--	--	--	--	--	--	26
Eastern white pine	5	5	6	9	10	11	19	10	7	2	--	--	--	85
Species group subtotal	6	9	16	15	13	13	19	10	7	2	--	--	--	111
Jack pine														
Jack pine	0	0	0	--	--	--	--	--	--	--	--	--	--	1
Species group subtotal	0	0	0	--	--	--	--	--	--	--	--	--	--	1
Other eastern softwoods														
Eastern redcedar	16	20	16	10	5	4	1	1	--	--	--	--	--	72
Tamarack (native)	--	0	--	--	--	--	--	--	--	--	--	--	--	0
Norway spruce	0	0	--	--	--	--	1	--	2	--	--	--	--	3
Blue spruce	0	--	--	--	--	--	--	--	--	--	--	--	--	0
Austrian pine	0	--	--	--	--	--	--	--	--	--	--	--	--	0
Species group subtotal	16	21	16	10	5	4	2	1	2	--	--	--	--	76
<b>All softwoods</b>	<b>24</b>	<b>37</b>	<b>50</b>	<b>40</b>	<b>40</b>	<b>30</b>	<b>32</b>	<b>18</b>	<b>12</b>	<b>2</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>284</b>

(Table IN-17 continued on next page)

(Table IN-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+
<b>Hardwood species groups</b>														
<b>Eastern hardwood species groups</b>														
Select white oaks														
White oak	7	13	22	40	61	87	107	106	116	73	37	16	8	695
Swamp white oak	0	1	1	1	5	5	3	--	4	--	6	--	--	25
Bur oak	1	1	2	1	0	1	2	3	4	--	--	--	--	16
Swamp chestnut oak	0	--	0	--	1	--	1	1	2	--	--	--	--	5
Chinkapin oak	4	6	8	12	12	11	12	6	17	4	3	--	--	95
Species group subtotal	12	20	33	54	80	105	124	116	143	77	47	16	8	837
Select red oaks														
Cherrybark oak	--	--	--	0	1	1	1	--	2	--	--	--	--	5
Northern red oak	6	9	14	20	28	43	61	59	95	44	35	12	5	432
Shumard oak	--	--	--	--	--	1	1	1	2	--	--	--	--	4
Species group subtotal	6	9	14	20	29	45	63	60	99	44	35	12	5	441
Other white oaks														
Chestnut oak	1	2	4	9	18	23	17	9	22	6	--	--	--	112
Post oak	0	1	1	1	2	1	2	--	1	--	--	--	--	8
Species group subtotal	1	3	5	10	19	24	19	9	23	6	--	--	--	119
Other red oaks														
Scarlet oak	0	0	2	3	3	12	6	9	--	2	--	--	--	38
Northern pin oak	0	1	1	1	--	1	--	--	--	--	3	--	--	6
Shingle oak	2	2	3	3	5	4	5	3	11	--	--	5	--	43
Pin oak	3	5	8	9	14	14	16	11	30	27	8	8	9	161
Black oak	8	11	17	29	37	45	84	58	116	48	21	--	11	485
Species group subtotal	13	19	31	45	59	77	112	81	157	77	32	13	19	733
Hickory														
Water hickory	--	--	--	--	--	1	--	--	--	--	--	--	--	1
Bitternut hickory	4	11	16	24	31	25	36	30	15	--	--	--	--	192
Pignut hickory	8	15	31	36	44	50	47	32	22	5	3	--	--	291
Pecan	--	0	0	--	--	--	1	--	1	--	4	--	--	7
Shellbark hickory	0	1	1	2	--	2	--	--	2	--	2	--	--	10
Shagbark hickory	11	21	33	49	53	56	52	37	27	12	3	--	--	355
Black hickory	--	--	0	--	--	--	--	--	--	--	--	--	--	0
Mockernut hickory	0	1	1	1	3	2	2	2	--	--	--	--	--	13
Red hickory	--	--	--	--	0	1	1	--	--	--	--	--	--	2
Species group subtotal	24	48	83	112	131	136	139	101	67	17	12	--	--	872
Hard maple														
Black maple	0	1	0	1	--	--	--	--	--	--	--	--	--	3
Sugar maple	64	93	111	120	128	141	109	85	90	21	13	--	--	974
Species group subtotal	64	94	111	121	128	141	109	85	90	21	13	--	--	977
Soft maple														
Red maple	22	34	38	50	44	45	30	37	45	24	7	4	12	392
Silver maple	4	10	15	23	22	28	32	23	45	29	17	--	13	262
Species group subtotal	26	44	53	74	67	73	63	59	90	53	23	4	25	654

(Table IN-17 continued on next page)

(Table IN-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+	
Beech														
American beech	10	11	13	16	15	22	35	29	41	14	12	4	--	222
Species group subtotal	10	11	13	16	15	22	35	29	41	14	12	4	--	222
Sweetgum														
Sweetgum	5	9	12	12	16	10	9	11	19	2	3	--	--	110
Species group subtotal	5	9	12	12	16	10	9	11	19	2	3	--	--	110
Tupelo and blackgum														
Blackgum	7	8	9	8	8	11	7	6	3	5	--	--	--	73
Species group subtotal	7	8	9	8	8	11	7	6	3	5	--	--	--	73
Ash														
White ash	17	26	38	47	61	63	65	43	81	42	3	4	5	495
Black ash	0	1	0	0	--	--	--	--	--	--	--	--	--	2
Green ash	7	14	21	21	22	24	11	13	18	4	3	3	4	164
Pumpkin ash	0	--	--	--	--	--	1	--	--	--	--	--	--	1
Blue ash	0	1	1	0	1	2	2	1	1	--	--	--	--	10
Species group subtotal	25	42	60	69	84	89	78	57	101	46	6	7	9	673
Cottonwood and aspen														
Eastern cottonwood	0	1	3	6	7	15	21	23	38	51	33	31	13	242
Bigtooth aspen	2	1	4	5	6	3	6	--	2	--	--	--	--	29
Quaking aspen	0	0	--	--	--	--	--	--	--	--	--	--	--	0
Species group subtotal	2	2	6	11	13	18	27	23	40	51	33	31	13	271
Basswood														
American basswood	4	6	9	10	13	10	13	10	19	4	3	--	--	100
Species group subtotal	4	6	9	10	13	10	13	10	19	4	3	--	--	100
Yellow-poplar														
Yellow-poplar	21	40	61	91	118	136	166	166	178	159	30	17	--	1,182
Species group subtotal	21	40	61	91	118	136	166	166	178	159	30	17	--	1,182
Black walnut														
Black walnut	10	21	33	39	47	38	40	26	14	7	3	--	--	278
Species group subtotal	10	21	33	39	47	38	40	26	14	7	3	--	--	278

(Table IN-17 continued on next page)

(Table IN-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	2	5	4	3	3	1	3	1	--	--	--	--	--	22
Ohio buckeye	2	3	1	1	1	--	--	--	--	--	--	--	--	8
River birch	1	3	2	4	3	1	--	--	--	--	--	--	--	14
Northern catalpa	0	0	1	0	1	--	3	1	--	--	--	--	--	6
Sugarberry	0	--	--	0	--	--	--	--	--	--	--	--	--	0
Hackberry	9	15	17	18	17	18	9	6	11	5	3	--	6	135
Butternut	0	0	0	--	--	--	--	--	--	--	--	--	--	0
American sycamore	3	7	12	18	28	41	38	37	85	69	33	16	14	402
Black cherry	20	27	32	49	35	34	27	27	23	7	--	--	--	281
Black willow	1	2	3	2	1	3	1	--	1	--	--	--	--	14
Sassafras	15	24	29	21	25	16	9	9	3	2	--	--	--	154
Winged elm	1	1	1	--	--	--	--	--	--	--	--	--	--	2
American elm	19	20	18	14	15	4	5	3	5	--	3	4	--	111
Siberian elm	0	0	0	0	--	1	--	4	--	2	--	--	--	8
Slippery elm	7	9	7	7	3	5	5	4	6	--	--	--	--	53
Species group subtotal	81	119	129	137	132	123	99	93	133	86	39	20	20	1,212
Other eastern hard hardwoods														
Flowering dogwood	1	0	--	--	--	--	--	--	--	--	--	--	--	2
Common persimmon	2	2	3	2	4	2	--	--	--	--	--	--	--	15
Honeylocust	2	4	4	6	6	6	6	5	--	--	--	--	--	39
Kentucky coffeetree	0	0	0	--	1	1	--	--	--	--	--	--	--	3
White mulberry	0	0	--	--	--	--	--	--	--	--	--	--	--	0
Red mulberry	0	0	1	0	1	--	--	--	--	--	--	--	--	2
Black locust	3	6	10	6	4	7	--	5	2	--	--	--	--	43
Rock elm	0	0	0	--	--	--	--	--	--	--	--	--	--	0
Species group subtotal	10	12	18	14	15	17	6	9	2	--	--	--	--	103
<b>All hardwoods</b>	<b>322</b>	<b>507</b>	<b>681</b>	<b>842</b>	<b>974</b>	<b>1,075</b>	<b>1,108</b>	<b>942</b>	<b>1,221</b>	<b>668</b>	<b>291</b>	<b>124</b>	<b>100</b>	<b>8,855</b>
<b>All species groups</b>	<b>346</b>	<b>544</b>	<b>731</b>	<b>882</b>	<b>1,013</b>	<b>1,105</b>	<b>1,140</b>	<b>960</b>	<b>1,232</b>	<b>670</b>	<b>291</b>	<b>124</b>	<b>100</b>	<b>9,139</b>

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 IN-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, Indiana, 2013

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
<b>Softwood species groups</b>					
<b>Eastern softwood species groups</b>					
Loblolly and shortleaf pines					
Shortleaf pine	21.3	1.0	2.1	12.5	36.9
Species group subtotal	21.3	1.0	2.1	12.5	36.9
Other yellow pines					
Scotch pine	--	--	--	1.9	1.9
Virginia pine	4.2	2.5	12.0	38.4	57.2
Species group subtotal	4.2	2.5	12.0	40.3	59.0
Eastern white and red pines					
Red pine	--	--	12.8	13.4	26.2
Eastern white pine	14.6	1.5	6.2	62.8	85.1
Species group subtotal	14.6	1.5	19.0	76.2	111.4
Jack pine					
Jack pine	--	--	--	0.6	0.6
Species group subtotal	--	--	--	0.6	0.6
Other eastern softwoods					
Eastern redcedar	4.9	2.2	3.0	62.3	72.4
Tamarack (native)	--	--	0.4	--	0.4
Norway spruce	--	--	2.9	--	2.9
Blue spruce	--	--	--	0.1	0.1
Austrian pine	--	--	--	0.1	0.1
Species group subtotal	4.9	2.2	6.3	62.5	75.9
<b>All softwoods</b>	<b>45.1</b>	<b>7.1</b>	<b>39.4</b>	<b>192.1</b>	<b>283.7</b>

(Table IN-18 continued on next page)

(Table IN-18 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
<b>Hardwood species groups</b>					
<b>Eastern hardwood species groups</b>					
Select white oaks					
White oak	93.0	41.6	68.6	491.6	694.8
Swamp white oak	--	--	--	25.1	25.1
Bur oak	--	--	1.7	14.5	16.3
Swamp chestnut oak	--	--	--	5.5	5.5
Chinkapin oak	2.1	5.2	3.3	84.3	94.8
Species group subtotal	95.1	46.8	73.6	621.0	836.5
Select red oaks					
Cherrybark oak	--	--	--	5.1	5.1
Northern red oak	27.0	13.7	53.5	337.8	432.0
Shumard oak	1.6	--	2.2	--	3.8
Species group subtotal	28.6	13.7	55.7	342.9	440.9
Other white oaks					
Chestnut oak	18.8	--	33.0	59.7	111.5
Post oak	1.1	--	0.4	6.4	7.8
Species group subtotal	19.8	--	33.4	66.1	119.4
Other red oaks					
Scarlet oak	11.4	1.3	4.2	21.2	38.1
Northern pin oak	--	--	--	6.0	6.0
Shingle oak	--	0.7	0.3	41.7	42.8
Pin oak	2.4	7.5	7.1	144.2	161.3
Black oak	42.1	17.8	34.6	390.1	484.7
Species group subtotal	56.0	27.4	46.3	603.3	732.9
Hickory					
Water hickory	--	--	--	1.0	1.0
Bitternut hickory	4.1	1.4	7.0	179.9	192.3
Pignut hickory	29.5	17.2	23.8	221.0	291.5
Pecan	--	--	--	6.7	6.7
Shellbark hickory	--	--	--	9.9	9.9
Shagbark hickory	6.6	5.7	18.0	324.6	355.0
Black hickory	--	--	--	0.2	0.2
Mockernut hickory	--	0.8	--	12.0	12.8
Red hickory	--	--	--	2.4	2.4
Species group subtotal	40.2	25.1	48.8	757.6	871.8

(Table IN-18 continued on next page)

(Table IN-18 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Hard maple					
Black maple	--	--	--	3.1	3.1
Sugar maple	39.0	18.8	58.1	858.1	974.0
Species group subtotal	39.0	18.8	58.1	861.2	977.1
Soft maple					
Red maple	12.9	22.2	18.4	338.3	391.7
Silver maple	0.1	0.1	8.7	253.0	261.9
Species group subtotal	12.9	22.3	27.0	591.3	653.6
Beech					
American beech	8.7	8.6	21.2	183.3	221.9
Species group subtotal	8.7	8.6	21.2	183.3	221.9
Sweetgum					
Sweetgum	3.0	11.0	12.7	83.2	110.0
Species group subtotal	3.0	11.0	12.7	83.2	110.0
Tupelo and blackgum					
Blackgum	4.5	1.5	8.6	58.0	72.7
Species group subtotal	4.5	1.5	8.6	58.0	72.7
Ash					
White ash	10.7	5.7	24.9	453.5	494.7
Black ash	--	--	0.0	1.8	1.8
Green ash	0.0	0.5	1.8	162.0	164.4
Pumpkin ash	--	--	--	1.3	1.3
Blue ash	--	--	0.7	9.7	10.5
Species group subtotal	10.7	6.2	27.5	628.3	672.7
Cottonwood and aspen					
Eastern cottonwood	--	--	24.0	217.5	241.6
Bigtooth aspen	3.1	5.1	3.3	17.5	28.9
Quaking aspen	--	--	0.1	0.2	0.3
Species group subtotal	3.1	5.1	27.4	235.2	270.8
Basswood					
American basswood	0.1	6.2	3.3	90.5	100.1
Species group subtotal	0.1	6.2	3.3	90.5	100.1
Yellow-poplar					
Yellow-poplar	47.9	83.1	75.5	975.3	1,181.7
Species group subtotal	47.9	83.1	75.5	975.3	1,181.7

(Table IN-18 continued on next page)

(Table IN-18 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Black walnut					
Black walnut	2.6	3.2	12.9	259.2	277.8
Species group subtotal	2.6	3.2	12.9	259.2	277.8
Other eastern soft hardwoods					
Boxelder	0.2	0.0	0.8	21.3	22.3
Ohio buckeye	--	0.0	0.4	7.8	8.2
River birch	0.2	--	1.9	11.6	13.7
Northern catalpa	--	--	--	6.2	6.2
Sugarberry	--	--	--	0.5	0.5
Hackberry	0.4	3.0	2.0	129.5	134.9
Butternut	--	--	--	0.4	0.4
American sycamore	10.0	3.4	10.9	377.2	401.5
Black cherry	2.1	6.9	23.1	249.1	281.2
Black willow	--	--	0.4	13.7	14.2
Sassafras	4.7	5.1	11.7	132.2	153.7
Winged elm	0.3	--	--	2.2	2.4
American elm	1.9	2.1	2.0	105.0	111.0
Siberian elm	--	--	--	8.2	8.2
Slippery elm	1.2	0.6	1.6	49.8	53.2
Species group subtotal	21.1	21.1	54.9	1,114.6	1,211.6
Other eastern hard hardwoods					
Flowering dogwood	--	--	0.0	1.5	1.5
Common persimmon	0.2	0.6	0.8	13.2	14.7
Honeylocust	--	0.6	1.0	37.6	39.2
Kentucky coffeetree	--	--	--	2.5	2.5
White mulberry	--	--	0.0	0.1	0.1
Red mulberry	--	--	--	1.9	1.9
Black locust	0.6	1.3	0.9	40.1	42.9
Rock elm	--	--	--	0.4	0.4
Species group subtotal	0.8	2.5	2.8	97.2	103.3
<b>All hardwoods</b>	<b>394.0</b>	<b>302.6</b>	<b>590.0</b>	<b>7,568.3</b>	<b>8,854.9</b>
<b>All species groups</b>	<b>439.1</b>	<b>309.7</b>	<b>629.5</b>	<b>7,760.4</b>	<b>9,138.6</b>

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 IN-19.—Net volume of sawtimber trees, in million board feet (International 1/4-inch rule), on timberland by species group, species, and diameter class, Indiana, 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+	
<b>Softwood species groups</b>												
<b>Eastern softwood species groups</b>												
Loblolly and shortleaf pines												
Shortleaf pine	31	25	46	27	30	11	5	--	--	--	--	176
Species group subtotal	31	25	46	27	30	11	5	--	--	--	--	176
Other yellow pines												
Scotch pine	2	3	--	--	--	--	--	--	--	--	--	4
Virginia pine	51	48	65	38	27	29	8	--	--	--	--	265
Species group subtotal	52	51	65	38	27	29	8	--	--	--	--	269
Eastern white and red pines												
Red pine	48	30	17	10	--	--	--	--	--	--	--	104
Eastern white pine	30	43	47	56	93	51	36	11	--	--	--	366
Species group subtotal	77	73	64	66	93	51	36	11	--	--	--	470
Jack pine												
Jack pine	1	--	--	--	--	--	--	--	--	--	--	1
Species group subtotal	1	--	--	--	--	--	--	--	--	--	--	1
Other eastern softwoods												
Eastern redcedar	90	50	24	17	6	2	--	--	--	--	--	189
Norway spruce	--	--	--	--	4	--	10	--	--	--	--	14
Species group subtotal	90	50	24	17	9	2	10	--	--	--	--	203
<b>All softwoods</b>	<b>251</b>	<b>200</b>	<b>198</b>	<b>148</b>	<b>160</b>	<b>93</b>	<b>59</b>	<b>11</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>1,119</b>

(Table IN-19 continued on next page)

(Table IN-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+	
<b>Hardwood species groups</b>												
<b>Eastern hardwood species groups</b>												
Select white oaks												
White oak	--	198	298	415	498	484	512	309	149	62	30	2,955
Swamp white oak	--	4	22	25	12	--	17	--	24	--	--	104
Bur oak	--	7	2	6	10	16	20	--	--	--	--	61
Swamp chestnut oak	--	--	5	--	4	6	8	--	--	--	--	23
Chinkapin oak	--	59	60	52	57	26	76	17	14	--	--	360
Species group subtotal	--	268	387	499	581	531	633	326	187	62	30	3,503
Select red oaks												
Cherrybark oak	--	2	3	5	6	--	9	--	--	--	--	25
Northern red oak	--	96	141	216	303	290	460	204	153	51	19	1,934
Shumard oak	--	--	--	3	4	4	8	--	--	--	--	19
Species group subtotal	--	98	144	224	313	294	477	204	153	51	19	1,977
Other white oaks												
Chestnut oak	--	43	90	118	85	46	109	29	--	--	--	521
Post oak	--	6	8	3	9	--	4	--	--	--	--	31
Species group subtotal	--	49	98	121	94	46	113	29	--	--	--	551

(Table IN-19 continued on next page)

(Table IN-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	--	16	16	61	32	42	--	8	--	--	--	175
Northern pin oak	--	3	--	4	--	--	--	--	13	--	--	20
Shingle oak	--	14	25	21	25	15	50	--	--	18	--	168
Pin oak	--	46	68	68	79	54	142	121	34	33	33	678
Black oak	--	141	183	224	411	280	549	219	89	--	39	2,136
Species group subtotal	--	220	293	378	547	392	741	348	135	51	72	3,178
Hickory												
Water hickory	--	--	--	5	--	--	--	--	--	--	--	5
Bitternut hickory	--	121	153	126	179	150	75	--	--	--	--	805
Pignut hickory	--	179	219	248	234	160	110	26	14	--	--	1,189
Pecan	--	--	--	--	5	--	7	--	18	--	--	30
Shellbark hickory	--	8	--	8	--	--	10	--	12	--	--	38
Shagbark hickory	--	238	257	270	254	181	130	57	15	--	--	1,401
Mockernut hickory	--	6	16	11	11	8	--	--	--	--	--	52
Red hickory	--	--	2	4	5	--	--	--	--	--	--	12
Species group subtotal	--	552	647	673	688	499	331	83	59	--	--	3,531
Hard maple												
Black maple	--	5	--	--	--	--	--	--	--	--	--	5
Sugar maple	--	576	617	680	522	401	417	94	55	--	--	3,360
Species group subtotal	--	581	617	680	522	401	417	94	55	--	--	3,365

(Table IN-19 continued on next page)

(Table IN-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+	
Soft maple												
Red maple	--	218	193	196	133	160	195	101	27	16	41	1,280
Silver maple	--	102	98	125	142	100	194	121	67	--	42	991
Species group subtotal	--	319	291	321	275	260	389	222	95	16	83	2,271
Beech												
American beech	--	80	78	110	173	142	199	64	54	17	--	917
Species group subtotal	--	80	78	110	173	142	199	64	54	17	--	917
Sweetgum												
Sweetgum	--	56	72	46	41	49	84	10	13	--	--	372
Species group subtotal	--	56	72	46	41	49	84	10	13	--	--	372
Tupelo and blackgum												
Blackgum	--	36	38	51	30	29	15	20	--	--	--	218
Species group subtotal	--	36	38	51	30	29	15	20	--	--	--	218
Ash												
White ash	--	215	282	295	308	203	387	193	15	16	20	1,935
Black ash	--	1	--	--	--	--	--	--	--	--	--	1
Green ash	--	97	100	114	50	60	85	19	12	13	15	566
Pumpkin ash	--	--	--	--	6	--	--	--	--	--	--	6
Blue ash	--	1	7	10	8	7	7	--	--	--	--	39
Species group subtotal	--	314	389	419	372	271	478	212	28	29	35	2,547

(Table IN-19 continued on next page)

(Table IN-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+	
Cottonwood and aspen												
Eastern cottonwood	--	26	35	72	105	116	193	261	161	144	56	1,169
Bigtooth aspen	--	23	30	18	31	--	12	--	--	--	--	113
Species group subtotal	--	50	64	90	136	116	205	261	161	144	56	1,282
Basswood												
American basswood	--	50	66	51	63	47	90	16	15	--	--	399
Species group subtotal	--	50	66	51	63	47	90	16	15	--	--	399
Yellow-poplar												
Yellow-poplar	--	453	604	709	873	878	942	819	148	78	--	5,503
Species group subtotal	--	453	604	709	873	878	942	819	148	78	--	5,503
Black walnut												
Black walnut	--	188	227	183	193	123	63	30	11	--	--	1,018
Species group subtotal	--	188	227	183	193	123	63	30	11	--	--	1,018

(Table IN-19 continued on next page)

(Table IN-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	--	15	12	7	12	6	--	--	--	--	--	51
Ohio buckeye	--	6	2	--	--	--	--	--	--	--	--	8
River birch	--	16	13	4	--	--	--	--	--	--	--	33
Northern catalpa	--	2	5	--	13	5	--	--	--	--	--	24
Sugarberry	--	2	--	--	--	--	--	--	--	--	--	2
Hackberry	--	84	78	82	41	28	45	21	12	--	19	411
American sycamore	--	81	134	193	184	179	410	327	149	71	53	1,781
Black cherry	--	223	160	154	120	121	100	30	--	--	--	908
Black willow	--	10	6	12	4	--	4	--	--	--	--	36
Sassafras	--	94	115	75	38	41	12	9	--	--	--	385
American elm	--	67	69	17	24	15	20	--	12	15	--	239
Siberian elm	--	1	--	3	--	17	--	9	--	--	--	30
Slippery elm	--	33	15	21	21	16	27	--	--	--	--	135
Species group subtotal	--	634	609	569	457	428	619	396	174	86	72	4,044

(Table IN-19 continued on next page)

(Table IN-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 hard hardwoods												
Common persimmon	--	8	19	8	--	--	--	--	--	--	--	35
Honeylocust	--	27	29	29	27	22	--	--	--	--	--	133
Kentucky coffeetree	--	--	3	6	--	--	--	--	--	--	--	9
Red mulberry	--	1	3	--	--	--	--	--	--	--	--	4
Black locust	--	29	17	33	--	20	8	--	--	--	--	108
Species group subtotal	--	65	71	76	27	42	8	--	--	--	--	288
<b>All hardwoods</b>	--	4,014	4,694	5,199	5,383	4,548	5,805	3,133	1,287	535	367	34,966
<b>All species groups</b>	251	4,214	4,891	5,348	5,543	4,641	5,864	3,144	1,287	535	367	36,086

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 IN-19a.—Net volume of sawtimber trees, in million board feet (Doyle rule), on timberland by species group, species, and diameter class, Indiana, 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+	
<b>Softwood species groups</b>												
<b>Eastern softwood species groups</b>												
Loblolly and shortleaf pines												
Shortleaf pine	11	12	27	19	23	10	5	--	--	--	--	106
Species group subtotal	11	12	27	19	23	10	5	--	--	--	--	106
Other yellow pines												
Scotch pine	1	1	--	--	--	--	--	--	--	--	--	2
Virginia pine	18	23	39	26	21	25	7	--	--	--	--	158
Species group subtotal	18	24	39	26	21	25	7	--	--	--	--	159
Eastern white and red pines												
Red pine	16	14	10	7	--	--	--	--	--	--	--	48
Eastern white pine	10	21	28	39	72	43	31	11	--	--	--	255
Species group subtotal	27	35	38	46	72	43	31	11	--	--	--	303
Jack pine												
Jack pine	0	--	--	--	--	--	--	--	--	--	--	0
Species group subtotal	0	--	--	--	--	--	--	--	--	--	--	0
Other eastern softwoods												
Eastern redcedar	31	24	14	12	4	2	--	--	--	--	--	88
Norway spruce	--	--	--	--	3	--	9	--	--	--	--	12
Species group subtotal	31	24	14	12	7	2	9	--	--	--	--	100
<b>All softwoods</b>	<b>87</b>	<b>95</b>	<b>118</b>	<b>103</b>	<b>123</b>	<b>80</b>	<b>52</b>	<b>11</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>668</b>

(Table IN-19a continued on next page)



(Table IN-19a 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+	
<b>Hardwood species groups</b>												
<b>Eastern hardwood species groups</b>												
Select white oaks												
White oak	--	83	153	244	327	347	412	277	169	70	33	2,116
Swamp white oak	--	2	11	15	8	--	14	--	28	--	--	77
Bur oak	--	3	1	4	6	11	15	--	--	--	--	41
Swamp chestnut oak	--	--	2	--	2	4	7	--	--	--	--	16
Chinkapin oak	--	25	30	31	37	19	61	15	16	--	--	234
Species group subtotal	--	112	198	294	381	381	510	292	212	70	33	2,484
Select red oaks												
Cherrybark oak	--	1	2	3	4	--	7	--	--	--	--	16
Northern red oak	--	40	72	127	199	208	370	183	173	58	22	1,454
Shumard oak	--	--	--	2	3	3	7	--	--	--	--	14
Species group subtotal	--	41	74	132	206	211	384	183	173	58	22	1,484
Other white oaks												
Chestnut oak	--	18	46	70	56	33	88	26	--	--	--	336
Post oak	--	2	4	2	6	--	3	--	--	--	--	18
Species group subtotal	--	21	50	71	62	33	91	26	--	--	--	354

(Table IN-19a continued on next page)

(Table IN-19a 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	--	7	8	36	21	30	--	7	--	--	--	109
Northern pin oak	--	1	--	2	--	--	--	--	15	--	--	18
Shingle oak	--	6	13	13	16	11	41	--	--	20	--	120
Pin oak	--	19	35	40	52	39	114	110	38	38	37	523
Black oak	--	59	94	132	270	201	442	194	101	--	44	1,537
Species group subtotal	--	92	150	222	359	282	597	311	154	58	82	2,306
Hickory												
Water hickory	--	--	--	3	--	--	--	--	--	--	--	3
Bitternut hickory	--	50	78	74	117	108	60	--	--	--	--	488
Pignut hickory	--	75	112	146	153	115	87	23	16	--	--	727
Pecan	--	--	--	--	3	--	5	--	20	--	--	29
Shellbark hickory	--	3	--	5	--	--	8	--	13	--	--	29
Shagbark hickory	--	99	132	159	167	130	103	53	17	--	--	859
Mockernut hickory	--	3	8	7	7	6	--	--	--	--	--	30
Red hickory	--	--	1	3	4	--	--	--	--	--	--	7
Species group subtotal	--	230	331	396	452	358	263	76	67	--	--	2,173
Hard maple												
Black maple	--	2	--	--	--	--	--	--	--	--	--	2
Sugar maple	--	240	316	400	343	288	334	83	62	--	--	2,066
Species group subtotal	--	242	316	400	343	288	334	83	62	--	--	2,068

(Table IN-19a continued on next page)

(Table IN-19a 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+	
Soft maple												
Red maple	--	91	99	116	88	115	156	91	31	18	46	850
Silver maple	--	42	50	73	93	72	158	109	76	--	48	722
Species group subtotal	--	133	149	189	181	187	314	201	107	18	94	1,572
Beech												
American beech	--	33	40	65	114	102	160	57	61	20	--	651
Species group subtotal	--	33	40	65	114	102	160	57	61	20	--	651
Sweetgum												
Sweetgum	--	23	37	27	27	35	68	9	15	--	--	241
Species group subtotal	--	23	37	27	27	35	68	9	15	--	--	241
Tupelo and blackgum												
Blackgum	--	15	19	30	20	20	12	18	--	--	--	135
Species group subtotal	--	15	19	30	20	20	12	18	--	--	--	135
Ash												
White ash	--	90	144	174	203	146	311	175	17	18	23	1,301
Black ash	--	1	--	--	--	--	--	--	--	--	--	1
Green ash	--	40	51	67	33	43	68	17	14	15	17	367
Pumpkin ash	--	--	--	--	4	--	--	--	--	--	--	4
Blue ash	--	1	3	6	5	5	5	--	--	--	--	25
Species group subtotal	--	131	199	247	244	194	385	192	31	33	40	1,697

(Table IN-19a continued on next page)

(Table IN-19a 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+	
Cottonwood and aspen												
Eastern cottonwood	--	11	18	43	69	83	154	240	183	164	64	1,027
Bigtooth aspen	--	10	15	10	20	--	9	--	--	--	--	64
Species group subtotal	--	21	33	53	89	83	163	240	183	164	64	1,092
Basswood												
American basswood	--	21	34	30	41	34	73	15	17	--	--	265
Species group subtotal	--	21	34	30	41	34	73	15	17	--	--	265
Yellow-poplar												
Yellow-poplar	--	189	309	417	573	630	756	742	167	88	--	3,872
Species group subtotal	--	189	309	417	573	630	756	742	167	88	--	3,872
Black walnut												
Black walnut	--	79	116	107	126	88	50	27	13	--	--	607
Species group subtotal	--	79	116	107	126	88	50	27	13	--	--	607

(Table IN-19a continued on next page)

(Table IN-19a 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	--	6	6	4	8	4	--	--	--	--	--	28
Ohio buckeye	--	2	1	--	--	--	--	--	--	--	--	4
River birch	--	7	6	2	--	--	--	--	--	--	--	16
Northern catalpa	--	1	2	--	8	4	--	--	--	--	--	15
Sugarberry	--	1	--	--	--	--	--	--	--	--	--	1
Hackberry	--	35	40	48	27	20	36	19	14	--	21	261
American sycamore	--	34	69	114	121	128	330	294	170	81	60	1,400
Black cherry	--	93	82	90	79	87	81	28	--	--	--	540
Black willow	--	4	3	7	2	--	3	--	--	--	--	20
Sassafras	--	39	59	44	25	30	10	8	--	--	--	215
American elm	--	28	35	10	15	11	16	--	14	17	--	147
Siberian elm	--	0	--	2	--	12	--	9	--	--	--	23
Slippery elm	--	14	8	13	14	11	22	--	--	--	--	81
Species group subtotal	--	265	312	334	300	307	497	357	198	98	82	2,750

(Table IN-19a continued on next page)

(Table IN-19a 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 hard hardwoods												
Common persimmon	--	3	10	5	--	--	--	--	--	--	--	18
Honeylocust	--	11	15	17	18	15	--	--	--	--	--	76
Kentucky coffeetree	--	--	1	4	--	--	--	--	--	--	--	5
Red mulberry	--	1	1	--	--	--	--	--	--	--	--	2
Black locust	--	12	9	20	--	14	7	--	--	--	--	62
Species group subtotal	--	27	36	45	18	30	7	--	--	--	--	162
<b>All hardwoods</b>	--	1,675	2,402	3,058	3,536	3,265	4,663	2,828	1,460	607	416	23,913
<b>All species groups</b>	87	1,770	2,521	3,161	3,659	3,345	4,715	2,839	1,460	607	416	24,581

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 IN-19b.—Net volume of sawtimber trees, in million board feet (Scribner rule), on timberland by species group, species, and diameter class, Indiana, 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+	
<b>Softwood species groups</b>												
<b>Eastern softwood species groups</b>												
Loblolly and shortleaf pines												
Shortleaf pine	24	21	39	24	27	10	5	--	--	--	--	150
Species group subtotal	24	21	39	24	27	10	5	--	--	--	--	150
Other yellow pines												
Scotch pine	1	2	--	--	--	--	--	--	--	--	--	4
Virginia pine	40	40	55	33	24	26	7	--	--	--	--	226
Species group subtotal	41	42	55	33	24	26	7	--	--	--	--	229
Eastern white and red pines												
Red pine	37	24	14	9	--	--	--	--	--	--	--	85
Eastern white pine	23	36	40	49	83	46	33	10	--	--	--	320
Species group subtotal	60	60	55	58	83	46	33	10	--	--	--	406
Jack pine												
Jack pine	1	--	--	--	--	--	--	--	--	--	--	1
Species group subtotal	1	--	--	--	--	--	--	--	--	--	--	1
Other eastern softwoods												
Eastern redcedar	70	42	20	15	5	2	--	--	--	--	--	155
Norway spruce	--	--	--	--	3	--	9	--	--	--	--	12
Species group subtotal	70	42	20	15	8	2	9	--	--	--	--	167
<b>All softwoods</b>	<b>197</b>	<b>165</b>	<b>170</b>	<b>130</b>	<b>143</b>	<b>84</b>	<b>54</b>	<b>10</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>954</b>

(Table IN-19b continued on next page)

(Table IN-19b 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+	
<b>Hardwood species groups</b>												
<b>Eastern hardwood species groups</b>												
Select white oaks												
White oak	--	165	257	367	448	442	475	291	142	59	28	2,674
Swamp white oak	--	3	19	22	11	--	15	--	23	--	--	94
Bur oak	--	6	2	6	9	14	18	--	--	--	--	55
Swamp chestnut oak	--	--	4	--	3	6	8	--	--	--	--	21
Chinkapin oak	--	49	51	46	51	24	71	16	13	--	--	321
Species group subtotal	--	223	333	441	523	485	587	307	179	59	28	3,164
Select red oaks												
Cherrybark oak	--	1	3	5	6	--	8	--	--	--	--	23
Northern red oak	--	80	121	191	273	265	427	192	146	49	18	1,762
Shumard oak	--	--	--	2	3	4	7	--	--	--	--	17
Species group subtotal	--	82	124	198	282	269	442	192	146	49	18	1,801
Other white oaks												
Chestnut oak	--	36	77	104	76	42	101	28	--	--	--	465
Post oak	--	5	7	3	9	--	4	--	--	--	--	27
Species group subtotal	--	41	84	107	85	42	105	28	--	--	--	492

(Table IN-19b continued on next page)



(Table IN-19b 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	--	13	14	54	28	39	--	7	--	--	--	156
Northern pin oak	--	3	--	4	--	--	--	--	12	--	--	18
Shingle oak	--	11	21	19	23	14	46	--	--	17	--	152
Pin oak	--	38	59	60	71	50	132	114	32	32	31	619
Black oak	--	118	158	198	370	256	509	206	85	--	37	1,936
Species group subtotal	--	183	252	334	492	358	687	328	129	49	69	2,881
Hickory												
Water hickory	--	--	--	4	--	--	--	--	--	--	--	4
Bitternut hickory	--	101	132	111	161	137	70	--	--	--	--	712
Pignut hickory	--	149	189	219	210	146	102	25	13	--	--	1,052
Pecan	--	--	--	--	4	--	6	--	17	--	--	28
Shellbark hickory	--	7	--	7	--	--	9	--	11	--	--	34
Shagbark hickory	--	198	221	239	228	165	120	54	14	--	--	1,239
Mockernut hickory	--	5	14	10	10	7	--	--	--	--	--	46
Red hickory	--	--	2	4	5	--	--	--	--	--	--	11
Species group subtotal	--	459	557	594	619	456	307	78	56	--	--	3,126
Hard maple												
Black maple	--	5	--	--	--	--	--	--	--	--	--	5
Sugar maple	--	479	531	600	470	366	386	89	52	--	--	2,972
Species group subtotal	--	483	531	600	470	366	386	89	52	--	--	2,977

(Table IN-19b continued on next page)

(Table IN-19b 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+	
Soft maple												
Red maple	--	181	166	173	120	146	181	95	26	15	39	1,142
Silver maple	--	84	84	110	128	91	180	114	64	--	40	897
Species group subtotal	--	266	251	283	248	237	361	209	90	15	79	2,039
Beech												
American beech	--	66	67	97	156	130	185	60	51	17	--	828
Species group subtotal	--	66	67	97	156	130	185	60	51	17	--	828
Sweetgum												
Sweetgum	--	46	62	41	37	45	78	9	13	--	--	331
Species group subtotal	--	46	62	41	37	45	78	9	13	--	--	331
Tupelo and blackgum												
Blackgum	--	30	33	45	27	26	14	19	--	--	--	193
Species group subtotal	--	30	33	45	27	26	14	19	--	--	--	193
Ash												
White ash	--	179	243	260	278	186	359	182	15	15	19	1,735
Black ash	--	1	--	--	--	--	--	--	--	--	--	1
Green ash	--	81	86	101	45	55	79	18	12	13	15	503
Pumpkin ash	--	--	--	--	5	--	--	--	--	--	--	5
Blue ash	--	1	6	9	7	6	6	--	--	--	--	35
Species group subtotal	--	261	335	370	335	247	444	200	26	28	34	2,279

(Table IN-19b continued on next page)

(Table IN-19b 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+	
Cottonwood and aspen												
Eastern cottonwood	--	22	30	64	94	106	179	246	154	138	54	1,086
Bigtooth aspen	--	19	25	16	28	--	11	--	--	--	--	99
Species group subtotal	--	41	55	80	122	106	190	246	154	138	54	1,184
Basswood												
American basswood	--	42	57	45	56	43	84	15	15	--	--	357
Species group subtotal	--	42	57	45	56	43	84	15	15	--	--	357
Yellow-poplar												
Yellow-poplar	--	377	520	626	785	801	874	772	141	74	--	4,970
Species group subtotal	--	377	520	626	785	801	874	772	141	74	--	4,970
Black walnut												
Black walnut	--	157	196	161	173	112	58	28	11	--	--	896
Species group subtotal	--	157	196	161	173	112	58	28	11	--	--	896

(Table IN-19b continued on next page)

(Table IN-19b 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	--	12	10	6	11	5	--	--	--	--	--	44
Ohio buckeye	--	5	2	--	--	--	--	--	--	--	--	7
River birch	--	14	11	3	--	--	--	--	--	--	--	28
Northern catalpa	--	1	4	--	11	5	--	--	--	--	--	22
Sugarberry	--	2	--	--	--	--	--	--	--	--	--	2
Hackberry	--	70	67	73	37	26	42	19	12	--	18	364
American sycamore	--	67	115	171	165	163	380	307	143	68	51	1,631
Black cherry	--	186	138	136	108	110	93	28	--	--	--	799
Black willow	--	8	5	11	3	--	4	--	--	--	--	32
Sassafras	--	78	99	66	35	38	11	8	--	--	--	336
American elm	--	56	59	15	21	14	18	--	12	14	--	210
Siberian elm	--	1	--	3	--	15	--	9	--	--	--	28
Slippery elm	--	28	13	19	19	15	25	--	--	--	--	119
Species group subtotal	--	528	524	502	411	391	574	373	166	82	69	3,620

(Table IN-19b continued on next page)

(Table IN-19b 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 hard hardwoods												
Common persimmon	--	6	17	7	--	--	--	--	--	--	--	30
Honeylocust	--	22	25	25	24	20	--	--	--	--	--	116
Kentucky coffeetree	--	--	2	5	--	--	--	--	--	--	--	8
Red mulberry	--	1	2	--	--	--	--	--	--	--	--	3
Black locust	--	24	14	29	--	18	8	--	--	--	--	94
Species group subtotal	--	54	61	67	24	38	8	--	--	--	--	252
<b>All hardwoods</b>	--	3,339	4,042	4,589	4,844	4,153	5,384	2,951	1,228	511	350	31,392
<b>All species groups</b>	197	3,504	4,211	4,720	4,987	4,238	5,438	2,961	1,228	511	350	32,346

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

Species group	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
<b>Softwood species groups</b>					
<b>Eastern softwood species groups</b>					
Loblolly and shortleaf pines	17.9	0.8	1.8	10.5	31.0
Other yellow pines	2.9	1.6	10.9	32.4	47.8
Eastern white and red pines	12.2	1.4	14.0	61.3	88.8
Jack pine	--	--	--	0.2	0.2
Other eastern softwoods	2.7	1.6	4.6	25.4	34.3
<b>All softwoods</b>	<b>35.7</b>	<b>5.4</b>	<b>31.2</b>	<b>129.7</b>	<b>202.1</b>
<b>Hardwood species groups</b>					
<b>Eastern hardwood species groups</b>					
Select white oaks	79.2	42.6	62.2	512.4	696.4
Select red oaks	26.1	12.0	49.9	293.0	381.1
Other white oaks	15.8	--	28.7	52.5	97.1
Other red oaks	47.8	23.7	38.0	503.4	612.9
Hickory	30.4	17.9	37.0	536.5	621.8
Hard maple	21.4	10.7	32.0	554.0	618.1
Soft maple	5.8	11.1	20.4	437.1	474.4
Beech	5.2	7.5	17.4	142.7	172.8
Sweetgum	2.1	6.5	7.9	55.9	72.4
Tupelo and blackgum	1.4	0.4	5.3	34.2	41.3
Ash	7.0	4.0	20.5	454.1	485.6
Cottonwood and aspen	2.3	4.4	24.9	214.0	245.6
Basswood	--	4.9	2.6	65.6	73.1
Yellow-poplar	36.8	68.5	65.6	802.4	973.2
Black walnut	1.1	1.8	8.6	169.0	180.5
Other eastern soft hardwoods	12.3	11.6	29.5	722.7	776.0
Other eastern hard hardwoods	--	1.0	1.4	49.8	52.2
<b>All hardwoods</b>	<b>294.6</b>	<b>228.7</b>	<b>451.9</b>	<b>5,599.2</b>	<b>6,574.4</b>
<b>All species groups</b>	<b>330.3</b>	<b>234.1</b>	<b>483.1</b>	<b>5,728.9</b>	<b>6,776.5</b>

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 IN-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**

Owner class	Unreserved forests	Reserved forests						All forest land
		Timberland	Unproductive	Total	Productive	Unproductive	Total	
<b>Forest Service</b>								
National forest		5.9	--	5.9	0.8	--	0.8	6.7
<b>Other Federal</b>								
National Park Service		--	--	--	0.7	--	0.7	0.7
Fish and Wildlife Service		--	--	--	1.4	--	1.4	1.4
Department of Defense or Energy		6.4	--	6.4	--	--	--	6.4
Other Federal		1.0	--	1.0	--	--	--	1.0
<b>State and local government</b>								
State		6.1	--	6.1	3.6	--	3.6	9.7
Local (county, municipal, etc.)		3.5	--	3.5	1.3	--	1.3	4.8
<b>Private</b>								
Undifferentiated private		205.1	--	205.1	--	--	--	205.1
<b>All owners</b>		<b>228.0</b>	<b>--</b>	<b>228.0</b>	<b>7.7</b>	<b>--</b>	<b>7.7</b>	<b>235.7</b>

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 IN-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 the accounting method (O'Connell et al 2014), Indiana, 2013

Owner class	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
<b>Forest Service</b>							
National forest	13.1	--	13.1	0.8	--	0.8	13.8
<b>Other Federal</b>							
National Park Service	--	--	--	0.7	--	0.7	0.7
Fish and Wildlife Service	--	--	--	4.5	--	4.5	4.5
Department of Defense or Energy	2.6	--	2.6	--	--	--	2.6
Other Federal	4.0	--	4.0	--	--	--	4.0
<b>State and local government</b>							
State	14.0	--	14.0	3.6	--	3.6	17.6
Local (county, municipal, etc.)	3.4	--	3.4	1.3	--	1.3	4.7
<b>Private</b>							
Undifferentiated private	187.8	--	187.8	--	--	--	187.8
<b>All owners</b>	<b>224.9</b>	<b>--</b>	<b>224.9</b>	<b>10.8</b>	<b>--</b>	<b>10.8</b>	<b>235.7</b>

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 IN-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, Indiana, 2013

Forest-type group	Stand-size class			Non stocked	All size classes
	Large diameter	Medium diameter	Small diameter		
White / red / jack pine group	0.6	0.0	0.0	--	0.6
Loblolly / shortleaf pine group	-0.8	0.2	--	--	-0.6
Other eastern softwoods group	0.5	0.2	0.1	--	0.8
Exotic softwoods group	--	0.7	0.0	--	0.7
Oak / pine group	1.7	2.3	1.8	--	5.8
Oak / hickory group	128.9	31.6	8.4	--	168.9
Oak / gum / cypress group	2.4	0.8	0.6	--	3.8
Elm / ash / cottonwood group	30.7	6.7	-1.0	--	36.4
Maple / beech / birch group	15.0	1.2	0.3	--	16.6
Aspen / birch group	-0.1	-0.2	--	--	-0.3
Other hardwoods group	0.4	0.0	--	--	0.4
Exotic hardwoods group	0.1	--	0.2	--	0.3
Nonstocked	--	--	--	2.2	2.2
<b>All forest-type groups</b>	<b>179.2</b>	<b>43.7</b>	<b>10.5</b>	<b>2.2</b>	<b>235.7</b>

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

**Table IN-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 the accounting method (O'Connell et al 2014), Indiana, 2013**

Forest-type group	Stand-size class			Non stocked	All size classes
	Large diameter	Medium diameter	Small diameter		
White / red / jack pine group	2.5	-2.0	0.0	--	0.5
Loblolly / shortleaf pine group	1.7	-1.5	--	--	0.2
Other eastern softwoods group	0.1	0.7	0.1	--	0.9
Exotic softwoods group	0.2	-1.3	0.0	--	-1.1
Oak / pine group	12.1	-3.4	-0.5	--	8.1
Oak / hickory group	179.7	-10.7	-5.6	--	163.5
Oak / gum / cypress group	4.3	-1.0	-0.7	--	2.6
Elm / ash / cottonwood group	57.9	-0.5	-1.3	--	56.1
Maple / beech / birch group	8.0	-1.9	-0.5	--	5.6
Aspen / birch group	-0.1	-0.4	--	--	-0.6
Other hardwoods group	0.6	0.0	0.2	--	0.9
Exotic hardwoods group	0.1	--	-0.9	--	-0.8
Nonstocked	--	--	--	-0.2	-0.2
<b>All forest-type groups</b>	<b>267.0</b>	<b>-22.0</b>	<b>-9.1</b>	<b>-0.2</b>	<b>235.7</b>

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 IN-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 and ownership group, Indiana, 2013

Species group	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
<b>Softwood species groups</b>					
<b>Eastern softwood species groups</b>					
Loblolly and shortleaf pines	0.6	0.0	0.0	-0.3	0.4
Other yellow pines	0.1	0.1	-0.6	-1.5	-2.0
Eastern white and red pines	-0.2	--	0.8	2.1	2.7
Jack pine	--	--	0.0	-0.1	-0.2
Other eastern softwoods	0.0	0.1	0.3	2.3	2.6
<b>All softwoods</b>	<b>0.5</b>	<b>0.2</b>	<b>0.4</b>	<b>2.5</b>	<b>3.6</b>
<b>Hardwood species groups</b>					
<b>Eastern hardwood species groups</b>					
Select white oaks	1.1	0.8	1.6	13.8	17.3
Select red oaks	0.6	0.4	-0.1	10.2	11.1
Other white oaks	0.3	--	0.2	1.4	1.9
Other red oaks	0.6	0.9	0.8	10.5	12.8
Hickory	0.5	0.6	0.9	15.5	17.6
Yellow birch	--	--	0.0	--	0.0
Hard maple	0.7	0.5	1.1	24.3	26.6
Soft maple	0.6	1.6	1.1	17.3	20.5
Beech	0.2	0.2	0.4	2.8	3.6
Sweetgum	0.0	0.3	0.7	2.1	3.1
Tupelo and blackgum	0.1	0.1	0.9	0.6	1.7
Ash	0.2	0.3	1.3	14.9	16.8
Cottonwood and aspen	0.0	-0.1	0.7	4.8	5.4
Basswood	0.0	0.1	0.0	1.9	2.0
Yellow-poplar	1.1	2.8	2.3	32.9	39.1
Black walnut	0.1	0.0	0.8	10.1	11.0
Other eastern soft hardwoods	0.2	0.9	1.0	35.2	37.3
Other eastern hardwoods	0.0	-0.1	0.0	3.7	3.6
Eastern noncommercial hardwoods	0.0	0.0	0.1	0.5	0.6
<b>All hardwoods</b>	<b>6.2</b>	<b>9.2</b>	<b>14.1</b>	<b>202.6</b>	<b>232.1</b>
<b>All species groups</b>	<b>6.7</b>	<b>9.4</b>	<b>14.5</b>	<b>205.1</b>	<b>235.7</b>

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 IN-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 and ownership group using the accounting method (O'Connell et al 2014), Indiana, 2013

Species group	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
<b>Softwood species groups</b>					
<b>Eastern softwood species groups</b>					
Loblolly and shortleaf pines	0.6	0.0	0.0	-0.3	0.4
Other yellow pines	0.1	0.1	-0.6	-1.5	-2.0
Eastern white and red pines	-0.2	-	0.8	2.1	2.7
Jack pine	-	-	0.0	-0.1	-0.2
Other eastern softwoods	0.0	0.1	0.3	2.3	2.6
<b>All softwoods</b>	<b>0.5</b>	<b>0.2</b>	<b>0.4</b>	<b>2.5</b>	<b>3.6</b>
<b>Hardwood species groups</b>					
<b>Eastern hardwood species groups</b>					
Select white oaks	2.1	0.7	1.1	13.3	17.3
Select red oaks	0.6	0.4	0.4	9.7	11.1
Other white oaks	0.3	-	3.6	-2.0	1.9
Other red oaks	2.4	0.9	1.4	8.1	12.8
Hickory	2.0	0.5	0.9	14.2	17.6
Yellow birch	-	-	0.0	-	0.0
Hard maple	0.7	0.4	2.4	23.1	26.6
Soft maple	0.8	2.8	1.2	15.7	20.5
Beech	0.2	0.2	1.2	2.0	3.6
Sweetgum	0.8	0.3	0.8	1.2	3.1
Tupelo and blackgum	0.2	0.0	0.9	0.5	1.7
Ash	0.2	0.3	2.0	14.3	16.8
Cottonwood and aspen	0.0	0.4	0.7	4.3	5.4
Basswood	0.0	0.1	0.0	1.9	2.0
Yellow-poplar	1.1	2.8	2.5	32.8	39.1
Black walnut	0.7	0.0	1.0	9.4	11.0
Other eastern soft hardwoods	1.1	1.8	1.3	33.1	37.3
Other eastern hard hardwoods	0.0	-0.1	0.0	3.7	3.6
Eastern noncommercial hardwoods	0.1	0.0	0.1	0.4	0.6
<b>All hardwoods</b>	<b>13.3</b>	<b>11.7</b>	<b>21.5</b>	<b>185.7</b>	<b>232.1</b>
<b>All species groups</b>	<b>13.8</b>	<b>11.8</b>	<b>21.9</b>	<b>188.2</b>	<b>235.7</b>

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 IN-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 and ownership group, Indiana, 2013

Species group	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
<b>Softwood species groups</b>					
<b>Eastern softwood species groups</b>					
Loblolly and shortleaf pines	0.5	0.0	0.0	0.0	0.5
Other yellow pines	0.1	0.1	-0.7	-1.5	-2.0
Eastern white and red pines	-0.2	--	0.5	2.2	2.5
Jack pine	--	--	--	-0.1	-0.1
Other eastern softwoods	0.0	0.1	0.0	1.5	1.5
<b>All softwoods</b>	<b>0.4</b>	<b>0.1</b>	<b>-0.1</b>	<b>2.0</b>	<b>2.4</b>
<b>Hardwood species groups</b>					
<b>Eastern hardwood species groups</b>					
Select white oaks	1.1	0.7	1.3	13.1	16.2
Select red oaks	0.5	0.3	-0.2	9.4	10.1
Other white oaks	0.3	--	-0.2	1.1	1.1
Other red oaks	0.6	0.3	0.4	11.7	13.0
Hickory	0.5	0.6	0.8	15.2	17.2
Hard maple	0.7	0.4	0.9	23.4	25.3
Soft maple	0.4	1.0	0.7	15.4	17.5
Beech	0.2	0.2	0.3	3.7	4.3
Sweetgum	0.0	0.2	0.4	2.2	2.8
Tupelo and blackgum	0.1	0.1	0.9	0.7	1.7
Ash	0.2	0.1	0.5	13.5	14.3
Cottonwood and aspen	0.0	-0.5	1.2	5.3	6.0
Basswood	0.0	0.1	0.1	1.5	1.7
Yellow-poplar	1.0	2.4	2.2	33.3	38.9
Black walnut	0.1	0.0	0.5	8.6	9.2
Other eastern soft hardwoods	0.2	0.9	0.8	29.9	31.9
Other eastern hard hardwoods	0.0	-0.1	0.1	2.6	2.7
<b>All hardwoods</b>	<b>5.8</b>	<b>6.8</b>	<b>10.4</b>	<b>190.8</b>	<b>213.8</b>
<b>All species groups</b>	<b>6.1</b>	<b>7.0</b>	<b>10.3</b>	<b>192.8</b>	<b>216.2</b>

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 IN-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 the accounting method (O'Connell et al 2014), Indiana, 2013

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
<b>Softwood species groups</b>					
<b>Eastern softwood species groups</b>					
Loblolly and shortleaf pines					
Shortleaf pine	0.5	0.0	0.0	0.0	0.5
Species group subtotal	0.5	0.0	0.0	0.0	0.5
Other yellow pines					
Scotch pine	--	--	--	0.0	0.0
Virginia pine	0.1	0.1	-0.7	-1.5	-2.0
Species group subtotal	0.1	0.1	-0.7	-1.5	-2.0
Eastern white and red pines					
Red pine	--	--	0.3	-0.1	0.2
Eastern white pine	-0.2	--	0.2	2.3	2.3
Species group subtotal	-0.2	--	0.5	2.2	2.5
Jack pine					
Jack pine	--	--	--	-0.1	-0.1
Species group subtotal	--	--	--	-0.1	-0.1
Other eastern softwoods					
Eastern redcedar	0.0	0.1	0.0	1.4	1.5
Tamarack (native)	--	--	0.0	--	0.0
Norway spruce	--	--	0.0	--	0.0
Blue spruce	--	--	--	0.0	0.0
Austrian pine	--	--	--	0.0	0.0
Species group subtotal	0.0	0.1	0.0	1.5	1.5
<b>All softwoods</b>	<b>0.4</b>	<b>0.1</b>	<b>-0.1</b>	<b>2.0</b>	<b>2.4</b>

(Table IN-24a continued on next page)

(Table IN-24a continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
<b>Hardwood species groups</b>					
<b>Eastern hardwood species groups</b>					
Select white oaks					
White oak	1.5	0.6	0.7	9.7	12.5
Sw amp white oak	--	--	--	0.7	0.7
Bur oak	--	--	0.0	0.5	0.5
Sw amp chestnut oak	--	--	--	0.1	0.1
Chinkapin oak	0.0	0.1	0.0	2.4	2.5
Species group subtotal	1.5	0.7	0.8	13.3	16.2
Select red oaks					
Cherrybark oak	--	--	--	0.3	0.3
Northern red oak	0.5	0.3	0.2	8.7	9.7
Shumard oak	0.1	--	0.1	--	0.1
Species group subtotal	0.5	0.3	0.3	8.9	10.1
Other white oaks					
Chestnut oak	0.3	--	3.6	-2.8	1.0
Post oak	0.0	--	-0.5	0.6	0.1
Species group subtotal	0.3	--	3.1	-2.2	1.1
Other red oaks					
Scarlet oak	-0.1	0.1	-0.3	-0.5	-0.8
Northern pin oak	--	--	--	0.2	0.2
Shingle oak	--	--	0.0	0.2	0.2
Pin oak	0.4	0.2	0.2	4.5	5.3
Black oak	2.1	0.1	1.1	5.0	8.2
Species group subtotal	2.4	0.3	1.0	9.3	13.0
Hickory					
Water hickory	--	--	--	0.1	0.1
Bitternut hickory	0.1	0.1	0.1	5.0	5.2
Pignut hickory	1.8	0.4	0.5	2.4	5.1
Pecan	--	--	--	0.2	0.2
Shellbark hickory	--	--	--	0.1	0.1
Shagbark hickory	0.1	0.1	0.2	5.9	6.3
Mockernut hickory	--	-0.1	--	0.2	0.1
Red hickory	--	--	--	0.1	0.1
Species group subtotal	2.0	0.5	0.7	13.9	17.2
Hard maple					
Black maple	--	--	--	0.1	0.1
Sugar maple	0.7	0.4	2.5	21.6	25.2
Species group subtotal	0.7	0.4	2.5	21.8	25.3

(Table IN-24a continued on next page)

(Table IN-24a continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
<b>Eastern hardwood species groups</b>					
Soft maple					
Red maple	0.7	0.7	0.6	9.3	11.3
Silver maple	0.0	0.0	0.1	6.0	6.2
Species group subtotal	0.7	0.7	0.7	15.4	17.5
Beech					
American beech	0.2	0.2	1.1	2.8	4.3
Species group subtotal	0.2	0.2	1.1	2.8	4.3
Sweetgum					
Sweetgum	0.8	0.2	0.5	1.4	2.8
Species group subtotal	0.8	0.2	0.5	1.4	2.8
Tupelo and blackgum					
Blackgum	0.2	0.0	0.9	0.6	1.7
Species group subtotal	0.2	0.0	0.9	0.6	1.7
Ash					
White ash	0.2	0.1	1.1	9.3	10.6
Black ash	--	--	-0.2	-0.2	-0.5
Green ash	0.0	0.0	0.1	3.6	3.7
Blue ash	--	--	0.0	0.4	0.4
Species group subtotal	0.2	0.1	0.9	13.0	14.3
Cottonwood and aspen					
Eastern cottonwood	--	--	1.0	5.4	6.4
Bigtooth aspen	0.0	-0.5	0.1	-0.1	-0.5
Quaking aspen	--	--	0.0	0.0	0.1
Species group subtotal	0.0	-0.5	1.2	5.3	6.0
Basswood					
American basswood	0.0	0.1	0.1	1.5	1.7
Species group subtotal	0.0	0.1	0.1	1.5	1.7
Yellow-poplar					
Yellow-poplar	1.0	2.4	2.3	33.3	38.9
Species group subtotal	1.0	2.4	2.3	33.3	38.9
Black walnut					
Black walnut	0.3	0.0	0.6	8.3	9.2
Species group subtotal	0.3	0.0	0.6	8.3	9.2

(Table IN-24a continued on next page)



(Table IN-24a continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
<b>Eastern hardwood species groups</b>					
Other eastern soft hardwoods					
Boxelder	0.0	0.0	0.0	0.9	1.0
Ohio buckeye	--	--	0.0	0.3	0.3
River birch	0.0	--	0.0	0.6	0.6
Northern catalpa	--	--	--	0.1	0.1
Sugarberry	--	--	--	-0.1	-0.1
Hackberry	0.0	0.0	0.1	5.2	5.4
Butternut	0.0	--	0.0	0.0	0.0
American sycamore	0.9	0.0	0.5	10.6	12.0
Black cherry	0.1	0.3	0.0	7.8	8.2
Black w illow	--	0.0	--	-0.4	-0.4
Weeping w illow	--	0.0	--	--	0.0
Sassafras	0.0	0.0	0.3	3.0	3.3
Winged elm	0.0	--	--	0.1	0.1
American elm	0.2	0.4	0.1	2.0	2.6
Siberian elm	--	--	--	0.2	0.2
Slippery elm	0.0	0.0	0.0	-1.5	-1.5
Species group subtotal	1.1	0.8	1.1	28.9	31.9
Other eastern hard hardwoods					
Flow ering dogw ood	0.0	0.0	0.0	0.0	0.0
Common persimmon	0.0	0.0	0.0	0.1	0.2
Honeylocust	--	-0.2	0.0	1.3	1.1
Kentucky coffeetree	--	--	--	0.0	0.0
Mulberry spp.	--	--	--	0.0	0.0
White mulberry	--	--	0.0	0.0	0.0
Red mulberry	--	--	--	0.2	0.2
Black locust	0.0	0.1	0.0	1.2	1.3
Rock elm	--	--	--	0.0	0.0
Species group subtotal	0.0	-0.1	0.1	2.6	2.7
<b>All hardwoods</b>	11.8	6.1	17.8	178.1	213.8
<b>All species groups</b>	12.1	6.2	17.7	180.1	216.2

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 IN-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, Indiana, 2013

Owner class	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
<b>Forest Service</b>							
National forest	4.2	--	4.2	0.0	--	0.0	4.3
<b>Other Federal</b>							
National Park Service	--	--	--	0.6	--	0.6	0.6
Fish and Wildlife Service	--	--	--	0.8	--	0.8	0.8
Department of Defense or Energy	2.2	--	2.2	--	--	--	2.2
Other Federal	0.1	--	0.1	--	--	--	0.1
<b>State and local government</b>							
State	7.4	--	7.4	2.3	--	2.3	9.7
Local (county, municipal, etc.)	0.7	--	0.7	0.0	--	0.0	0.7
<b>Private</b>							
Undifferentiated private	99.9	--	99.9	--	--	--	99.9
<b>All owners</b>	<b>114.5</b>	<b>--</b>	<b>114.5</b>	<b>3.8</b>	<b>--</b>	<b>3.8</b>	<b>118.3</b>

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 IN-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, Indiana, 2013**

Forest-type group	Stand-size class			Non stocked	All size classes
	Large diameter	Medium diameter	Small diameter		
White / red / jack pine group	2.2	0.3	--	--	2.6
Loblolly / shortleaf pine group	2.4	0.1	--	--	2.5
Other eastern softwoods group	--	0.1	--	--	0.1
Exotic softwoods group	--	0.1	--	--	0.1
Oak / pine group	3.7	0.6	--	--	4.3
Oak / hickory group	69.0	7.8	0.5	--	77.3
Oak / gum / cypress group	0.7	0.0	--	--	0.7
Elm / ash / cottonwood group	16.5	1.2	1.8	--	19.5
Maple / beech / birch group	10.3	0.3	--	--	10.6
Aspen / birch group	0.1	0.3	--	--	0.4
Other hardwoods group	0.1	--	--	--	0.1
Exotic hardwoods group	--	--	0.0	--	0.0
Nonstocked	--	--	--	0.1	0.1
<b>All forest-type groups</b>	<b>105.0</b>	<b>10.9</b>	<b>2.3</b>	<b>0.1</b>	<b>118.3</b>

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

Table IN-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, Indiana, 2013

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
<b>Softwood species groups</b>					
<b>Eastern softwood species groups</b>					
Loblolly and shortleaf pines					
Shortleaf pine	0.1	--	0.0	0.3	0.4
Species group subtotal	0.1	0.0	0.0	0.3	0.4
Other yellow pines					
Scotch pine	--	--	--	0.2	0.2
Virginia pine	0.0	--	0.8	2.6	3.4
Species group subtotal	0.0	0.0	0.8	2.7	3.6
Eastern white and red pines					
Red pine	--	--	0.1	0.2	0.3
Eastern white pine	0.9	--	0.0	2.4	3.3
Species group subtotal	0.9	0.0	0.1	2.6	3.6
Jack pine					
Jack pine	--	--	0.0	0.1	0.2
All species	--	0.0	0.0	0.1	0.2
Other eastern softwoods					
Eastern redcedar	0.1	--	0.1	0.5	0.8
Tamarack (native)	--	--	0.0	--	0.0
Species group subtotal	0.1	0.0	0.1	0.5	0.8
<b>All softwoods</b>	1.2	--	1.1	6.2	8.6

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(Table IN-27 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
<b>Hardwood species groups</b>					
<b>Eastern hardwood species groups</b>					
Select white oaks					
White oak	0.5	0.0	0.3	3.6	4.3
Swamp white oak	--	--	--	0.0	0.0
Chinkapin oak	0.0	--	--	0.2	0.2
Species group subtotal	0.5	0.0	0.3	3.8	4.5
Select red oaks					
Northern red oak	0.2	0.1	1.5	2.7	4.4
Shumard oak	--	--	0.2	--	0.2
Species group subtotal	0.2	0.1	1.7	2.7	4.7
Other white oaks					
Chestnut oak	0.2	--	0.6	1.0	1.7
Species group subtotal	0.2	0.0	0.6	1.0	1.7
Other red oaks					
Scarlet oak	0.4	--	0.5	1.7	2.6
Shingle oak	--	--	0.0	1.0	1.0
Pin oak	--	--	0.1	0.6	0.6
Black oak	0.2	1.0	0.8	8.2	10.1
Species group subtotal	0.6	1.0	1.3	11.5	14.3
Hickory					
Bitternut hickory	--	--	0.0	1.4	1.4
Pignut hickory	0.1	--	0.0	3.1	3.3
Shagbark hickory	0.0	0.0	--	1.0	1.1
Mockernut hickory	--	0.1	--	--	0.1
Species group subtotal	0.2	0.1	0.0	5.5	5.8
Hard maple					
Sugar maple	0.2	0.0	0.1	7.3	7.6
Species group subtotal	0.2	0.0	0.1	7.3	7.6
Soft maple					
Red maple	0.0	0.2	--	2.8	3.0
Silver maple	--	--	0.0	2.3	2.3
Species group subtotal	0.0	0.2	0.0	5.1	5.3
Beech					
American beech	--	--	0.1	2.9	3.0
Species group subtotal	--	0.0	0.1	2.9	3.0
Sweetgum					
Sweetgum	--	0.1	0.1	0.5	0.6
Species group subtotal	--	0.1	0.1	0.5	0.6

(Table IN-27 continued on next page)

(Table IN-27 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
<b>Eastern hardwood species groups</b>					
Tupelo and blackgum					
Blackgum	0.0	0.0	0.0	1.1	1.2
Species group subtotal	0.0	0.0	0.0	1.1	1.2
Ash					
White ash	0.1	--	0.8	6.9	7.9
Black ash	--	--	0.2	0.3	0.6
Green ash	--	0.1	0.2	2.1	2.4
Blue ash	--	--	0.0	0.1	0.1
Species group subtotal	0.1	0.1	1.3	9.4	11.0
Cottonwood and aspen					
Eastern cottonwood	--	0.1	--	4.7	4.8
Bigtooth aspen	0.1	0.7	0.7	0.7	2.1
Quaking aspen	--	0.1	--	0.0	0.2
Species group subtotal	0.1	0.9	0.7	5.4	7.0
Basswood					
American basswood	0.0	--	0.1	1.1	1.2
Species group subtotal	0.0	0.0	0.1	1.1	1.2
Yellow-poplar					
Yellow-poplar	0.6	0.1	0.4	7.6	8.6
Species group subtotal	0.6	0.1	0.4	7.6	8.6
Black walnut					
Black walnut	--	0.1	0.1	0.7	0.8
Species group subtotal	--	0.1	0.1	0.7	0.8
Other eastern soft hardwoods					
Boxelder	--	0.0	--	2.2	2.2
Ohio buckeye	--	--	--	0.1	0.1
River birch	0.0	0.0	--	0.3	0.3
Northern catalpa	--	--	--	0.3	0.3
Sugarberry	--	--	--	0.1	0.1
Hackberry	--	--	--	0.2	0.2
Butternut	0.0	--	0.0	--	0.1
American sycamore	--	0.3	0.0	0.9	1.2
Black cherry	0.0	0.0	1.0	3.2	4.3
Black willow	--	0.0	0.8	1.8	2.6
Sassafras	0.1	0.2	0.1	3.4	3.9
Winged elm	0.0	--	--	--	0.0
American elm	0.2	0.0	0.1	5.6	5.9
Slippery elm	0.0	0.1	0.2	4.8	5.2
Species group subtotal	0.5	0.8	2.2	23.0	26.5

(Table IN-27 continued on next page)

(Table IN-27 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
<b>Eastern hardwood species groups</b>					
Other eastern hard hardwoods					
Flowering dogwood	0.0	0.0	0.0	0.1	0.2
Common persimmon	--	0.0	0.1	0.6	0.6
Honeylocust	--	0.3	--	1.0	1.3
Kentucky coffeetree	--	--	--	0.2	0.2
Mulberry spp.	--	--	--	0.1	0.1
Red mulberry	--	--	--	0.2	0.2
Black locust	0.0	--	0.2	1.0	1.2
Species group subtotal	0.0	0.3	0.3	3.2	3.8
Eastern noncommercial hardwoods					
Ailanthus	--	--	--	0.1	0.1
European alder	--	--	0.0	--	0.0
American hornbeam, musclewood	--	--	--	0.1	0.1
Eastern redbud	--	0.0	0.0	0.6	0.7
Hawthorn spp.	--	--	--	0.2	0.2
Osage-orange	--	--	--	0.6	0.6
Apple spp.	--	--	0.0	0.2	0.2
Eastern hophornbeam	--	--	--	0.2	0.2
Cherry and plum spp.	--	--	0.0	--	0.0
American plum	--	--	--	0.0	0.0
Species group subtotal	--	0.0	0.1	2.0	2.1
<b>All hardwoods</b>	<b>3.1</b>	<b>3.7</b>	<b>9.3</b>	<b>93.7</b>	<b>109.8</b>
<b>All species groups</b>	<b>4.3</b>	<b>3.7</b>	<b>10.4</b>	<b>99.9</b>	<b>118.3</b>

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 IN-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, Indiana, 2013

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
<b>Softwood species groups</b>					
<b>Eastern softwood species groups</b>					
Loblolly and shortleaf pines					
Shortleaf pine	0.1	--	0.0	--	0.2
Species group subtotal	0.1	--	0.0	--	0.2
Other yellow pines					
Scotch pine	0.0	--	0.0	0.1	0.1
Virginia pine	0.0	--	0.8	2.5	3.3
Species group subtotal	0.0	--	0.8	2.7	3.5
Eastern white and red pines					
Red pine	0.0	--	0.1	0.2	0.3
Eastern white pine	0.8	--	0.0	2.2	3.1
Species group subtotal	0.8	--	0.1	2.4	3.4
Jack pine					
Jack pine	--	--	--	0.1	0.1
Species group subtotal	--	--	--	0.1	0.1
Other eastern softwoods					
Eastern redcedar	0.1	--	0.1	0.4	0.6
Tamarack (native)	0.0	--	0.0	0.0	0.0
Species group subtotal	0.1	--	0.1	0.4	0.6
<b>All softwoods</b>	<b>1.1</b>	<b>--</b>	<b>1.1</b>	<b>5.6</b>	<b>7.8</b>

(Table IN-28 continued on next page)



(Table IN-28 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
<b>Hardwood species groups</b>					
<b>Eastern hardwood species groups</b>					
Select white oaks					
White oak	0.4	0.0	0.2	1.9	2.5
Swamp white oak	0.0	0.0	0.0	0.0	0.0
Chinkapin oak	0.0	0.0	0.0	0.2	0.2
Species group subtotal	0.5	0.0	0.2	2.1	2.7
Select red oaks					
Northern red oak	0.2	0.1	1.5	2.7	4.4
Species group subtotal	0.2	0.1	1.5	2.7	4.4
Other white oaks					
Chestnut oak	0.2	--	0.5	1.0	1.6
Species group subtotal	0.2	--	0.5	1.0	1.6
Other red oaks					
Scarlet oak	0.4	0.0	0.5	1.5	2.4
Shingle oak	0.0	0.0	0.0	0.9	0.9
Pin oak	0.0	0.0	0.0	0.5	0.5
Black oak	0.1	0.5	0.3	6.3	7.3
Species group subtotal	0.6	0.5	0.8	9.3	11.2
Hickory					
Bitternut hickory	0.0	0.0	0.0	1.3	1.3
Pignut hickory	0.1	0.0	0.0	3.0	3.2
Shagbark hickory	0.0	0.0	0.0	1.0	1.0
Mockernut hickory	0.0	0.1	0.0	0.0	0.1
Species group subtotal	0.2	0.1	0.0	5.3	5.7
Hard maple					
Sugar maple	0.1	0.0	0.0	4.2	4.4
Species group subtotal	0.1	0.0	0.0	4.2	4.4
Soft maple					
Red maple	0.0	0.2	0.0	2.4	2.5
Silver maple	0.0	0.0	0.0	1.7	1.7
Species group subtotal	0.0	0.2	0.0	4.1	4.3
Beech					
American beech	--	--	0.1	1.4	1.4
Species group subtotal	--	--	0.1	1.4	1.4
Sweetgum					
Sweetgum	--	--	0.1	0.4	0.5
Species group subtotal	--	--	0.1	0.4	0.5

(Table IN-28 continued on next page)

(Table IN-28 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Tupelo and blackgum					
Blackgum	0.0	--	0.0	1.0	1.0
Species group subtotal	0.0	--	0.0	1.0	1.0
Ash					
White ash	0.1	--	0.3	5.4	5.9
Black ash	0.0	--	0.2	0.3	0.6
Green ash	0.0	--	0.1	1.9	2.0
Blue ash	0.0	--	0.0	0.1	0.1
Species group subtotal	0.1	--	0.7	7.8	8.6
Cottonwood and aspen					
Eastern cottonwood	0.0	0.0	--	3.9	3.9
Bigtooth aspen	0.1	0.7	--	0.7	1.4
Species group subtotal	0.1	0.7	--	4.6	5.3
Basswood					
American basswood	0.0	--	--	1.0	1.0
Species group subtotal	0.0	--	--	1.0	1.0
Yellow-poplar					
Yellow-poplar	0.6	0.1	0.0	6.5	7.2
Species group subtotal	0.6	0.1	0.0	6.5	7.2
Black walnut					
Black walnut	--	0.0	--	0.5	0.5
Species group subtotal	--	0.0	--	0.5	0.5
Other eastern soft hardwoods					
Boxelder	0.0	0.0	0.0	0.4	0.4
Ohio buckeye	0.0	0.0	0.0	0.1	0.1
River birch	0.0	0.0	0.0	0.3	0.3
Northern catalpa	0.0	0.0	0.0	0.1	0.1
Sugarberry	0.0	0.0	0.0	0.1	0.1
Hackberry	0.0	0.0	0.0	0.2	0.2
Butternut	0.0	0.0	0.0	0.0	0.1
American sycamore	0.0	0.0	0.0	0.7	0.7
Black cherry	0.0	0.0	0.8	1.5	2.3
Black willow	0.0	0.0	0.0	1.4	1.4
Sassafras	0.1	0.0	0.1	1.5	1.7
Winged elm	0.0	0.0	0.0	0.0	0.0
American elm	0.0	0.0	0.0	4.5	4.5
Slippery elm	0.0	0.0	0.0	4.2	4.2
Species group subtotal	0.3	0.1	1.0	14.7	16.1

(Table IN-28 continued on next page)

(Table IN-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	0.1	0.1
Common persimmon	0.0	0.0	0.0	0.4	0.4
Honeylocust	0.0	0.2	0.0	0.3	0.5
Kentucky coffeetree	0.0	0.0	0.0	0.1	0.1
Mulberry spp.	0.0	0.0	0.0	0.0	0.0
Red mulberry	0.0	0.0	0.0	0.0	0.0
Black locust	0.0	0.0	0.1	0.4	0.4
Species group subtotal	0.0	0.3	0.1	1.4	1.7
<b>All hardwoods</b>	<b>2.8</b>	<b>2.0</b>	<b>4.9</b>	<b>67.8</b>	<b>77.5</b>
<b>All species groups</b>	<b>3.8</b>	<b>2.0</b>	<b>6.0</b>	<b>73.5</b>	<b>85.2</b>

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 IN-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, Indiana, 2013

Species group\Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
<b>Softwood species groups</b>					
<b>Eastern softwood species groups</b>					
Loblolly and shortleaf pines					
Shortleaf pine	0.5	--	--	--	0.5
Species group subtotal	0.5	--	--	--	0.5
Other yellow pines					
Virginia pine	--	--	--	0.3	0.3
Species group subtotal	--	--	--	0.3	0.3
Eastern white and red pines					
Red pine	--	--	0.8	--	0.8
Eastern white pine	--	--	--	0.1	0.1
Species group subtotal	--	--	0.8	0.1	0.9
Other eastern softwoods					
Eastern redcedar	--	--	--	0.0	0.0
Species group subtotal	--	--	--	0.0	0.0
<b>All softwoods</b>	<b>0.5</b>	<b>--</b>	<b>0.8</b>	<b>0.4</b>	<b>1.8</b>

(Table IN-29 continued on next page)

(Table IN-29 continued)

Species group\Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
<b>Hardwood species groups</b>					
<b>Eastern hardwood species groups</b>					
Select white oaks					
White oak	--	--	--	5.1	5.1
Swamp white oak	--	--	--	0.7	0.7
Bur oak	--	--	--	0.8	0.8
Chickasaw oak	--	--	--	0.6	0.6
Species group subtotal	--	--	--	7.1	7.1
Select red oaks					
Northern red oak	--	--	--	5.6	5.6
All Species	--	--	--	5.6	5.6
Other white oaks					
Chestnut oak	--	--	--	0.6	0.6
Species group subtotal	--	--	--	0.6	0.6
Other red oaks					
Scarlet oak	--	--	--	0.2	0.2
Shingle oak	--	--	--	0.0	0.0
Pin oak	--	--	--	1.1	1.1
Black oak	--	--	0.2	7.4	7.6
Species group subtotal	--	--	0.2	8.8	9.0
Hickory					
Bitternut hickory	--	--	--	1.5	1.5
Pignut hickory	--	--	--	0.7	0.7
Shagbark hickory	--	--	0.1	1.6	1.7
Species group subtotal	--	--	0.1	3.7	3.8
Hard maple					
Sugar maple	0.0	--	0.8	8.3	9.1
Species group subtotal	0.0	--	0.8	8.3	9.1
Soft maple					
Red maple	0.0	--	--	1.5	1.5
Silver maple	--	--	--	3.6	3.6
Species group subtotal	0.0	--	--	5.1	5.1
Beech					
American beech	--	--	--	3.2	3.2
Species group subtotal	--	--	--	3.2	3.2
Sweetgum					
Sweetgum	--	--	0.2	2.4	2.5
Species group subtotal	--	--	0.2	2.4	2.5
Tupelo and blackgum					
Blackgum	--	--	0.1	0.8	0.8
Species group subtotal	--	--	0.1	0.8	0.8

(Table IN-29 continued on next page)

(Table IN-29 continued)

Species group\Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Ash					
White ash	--	--	0.4	6.2	6.6
Black ash	--	--	--	0.1	0.1
Green ash	--	--	--	1.0	1.0
Blue ash	--	--	--	0.7	0.7
Species group subtotal	--	--	0.4	8.0	8.3
Cottonwood and aspen					
Bigtooth aspen	--	--	0.5	0.0	0.5
Species group subtotal	--	--	0.5	0.0	0.5
Basswood					
American basswood	--	--	0.4	0.1	0.5
Species group subtotal	--	--	0.4	0.1	0.5
Yellow -poplar					
Yellow -poplar	--	0.7	0.2	12.8	13.7
Species group subtotal	--	0.7	0.2	12.8	13.7
Black w alnut					
Black w alnut	--	--	--	0.8	0.8
Species group subtotal	--	--	--	0.8	0.8
Other eastern soft hardwoods					
Boxelder	--	--	--	0.8	0.8
Ohio buckeye	--	--	--	0.1	0.1
Hackberry	--	--	--	0.8	0.8
American sycamore	--	--	--	2.5	2.5
Black cherry	--	--	0.1	3.4	3.5
Black w willow	--	0.0	--	--	0.0
Weeping w willow	--	0.0	--	--	0.0
Sassafras	--	--	--	1.1	1.1
Winged elm	--	--	--	0.0	0.0
American elm	--	0.1	0.0	0.7	0.8
Slippery elm	--	--	--	0.6	0.6
Species group subtotal	--	0.1	0.1	10.1	10.4
Other eastern hardwoods					
Flowering dogwood	--	--	--	0.1	0.1
Honeylocust	--	0.0	--	0.1	0.1
Red mulberry	--	--	0.0	0.0	0.0
Black locust	--	--	--	0.6	0.6
Rock elm	--	--	--	0.0	0.0
Species group subtotal	--	0.0	0.0	0.8	0.8

(Table IN-29 continued on next page)

(Table IN-29 continued)

Species group\Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Eastern noncommercial hardwoods					
Eastern redbud	--	--	--	0.0	0.0
Haw thorn spp.	--	--	--	0.0	0.0
Eastern hophornbeam	--	--	--	0.0	0.0
Species group subtotal	--	--	--	0.1	0.1
<b>All hardwoods</b>	0.0	0.8	3.0	78.3	82.1
<b>All species groups</b>	0.6	0.8	3.8	78.7	83.9

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.

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

Table IN-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, Indiana, 2013

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
<b>Softwood species groups</b>					
<b>Eastern softwood species groups</b>					
Loblolly and shortleaf pines					
Shortleaf pine	0.5	--	--	--	0.5
Species group subtotal	0.5	--	--	--	0.5
Other yellow pines					
Virginia pine	--	--	--	0.3	0.3
Species group subtotal	--	--	--	0.3	0.3
Eastern white and red pines					
Red pine	--	--	0.8	--	0.8
Eastern white pine	--	--	--	0.1	0.1
Species group subtotal	--	--	0.8	0.1	0.9
Other eastern softwoods					
Eastern redcedar	--	--	--	0.0	0.0
Species group subtotal	--	--	--	0.0	0.0
<b>All softwoods</b>	<b>0.5</b>	<b>--</b>	<b>0.8</b>	<b>0.4</b>	<b>1.8</b>

(Table IN-30 continued on next page)



(Table IN-30 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
<b>Hardwood species groups</b>					
<b>Eastern hardwood species groups</b>					
Select white oaks					
White oak	--	--	--	4.7	4.7
Swamp white oak	--	--	--	0.7	0.7
Bur oak	--	--	--	0.8	0.8
Chinkapin oak	--	--	--	0.6	0.6
Species group subtotal	--	--	--	6.7	6.7
Select red oaks					
Northern red oak	--	--	--	3.8	3.8
Species group subtotal	--	--	--	3.8	3.8
Other white oaks					
Chestnut oak	--	--	--	0.6	0.6
Species group subtotal	--	--	--	0.6	0.6
Other red oaks					
Scarlet oak	--	--	--	0.2	0.2
Shingle oak	--	--	--	0.0	0.0
Pin oak	--	--	--	1.0	1.0
Black oak	--	--	0.2	6.6	6.8
Species group subtotal	--	--	0.2	7.9	8.1
Hickory					
Bitternut hickory	--	--	--	1.3	1.3
Pignut hickory	--	--	--	0.7	0.7
Shagbark hickory	--	--	0.1	1.2	1.4
Species group subtotal	--	--	0.1	3.3	3.4
Hard maple					
Sugar maple	0.0	--	0.8	8.0	8.8
Species group subtotal	0.0	--	0.8	8.0	8.8
Soft maple					
Red maple	--	--	--	1.4	1.4
Silver maple	--	--	--	1.8	1.8
Species group subtotal	--	--	--	3.2	3.2
Beech					
American beech	--	--	--	2.6	2.6
Species group subtotal	--	--	--	2.6	2.6
Sweetgum					
Sweetgum	--	--	0.2	2.3	2.5
Species group subtotal	--	--	0.2	2.3	2.5

(Table IN-30 continued on next page)

(Table IN-30 continued)

Species group/Species	Ownership group				All owners
	Forest Service	Other Federal	State and local government	Undifferentiated private	
Tupelo and blackgum					
Blackgum	--	--	0.1	0.7	0.8
Species group subtotal	--	--	0.1	0.7	0.8
Ash					
White ash	--	--	0.2	5.8	6.0
Black ash	--	--	--	0.1	0.1
Green ash	--	--	--	1.0	1.0
Blue ash	--	--	--	0.7	0.7
Species group subtotal	--	--	0.2	7.5	7.7
Cottonwood and aspen					
Bigtooth aspen	--	--	0.5	0.0	0.5
Species group subtotal	--	--	0.5	0.0	0.5
Basswood					
American basswood	--	--	0.4	0.1	0.5
Species group subtotal	--	--	0.4	0.1	0.5
Yellow-poplar					
Yellow-poplar	--	0.7	0.2	12.7	13.5
Species group subtotal	--	0.7	0.2	12.7	13.5
Black walnut					
Black walnut	--	--	--	0.8	0.8
Species group subtotal	--	--	--	0.8	0.8
Other eastern soft hardwoods					
Boxelder	--	--	--	0.2	0.2
Ohio buckeye	--	--	--	0.0	0.0
Hackberry	--	--	--	0.5	0.5
American sycamore	--	--	--	2.5	2.5
Black cherry	--	--	0.1	2.9	3.0
Black willow	--	0.0	--	--	0.0
Weeping willow	--	0.0	--	--	0.0
Sassafras	--	--	--	0.6	0.6
American elm	--	0.0	0.0	0.5	0.6
Slippery elm	--	--	--	0.6	0.6
Species group subtotal	--	0.1	0.1	7.7	7.9
Other eastern hard hardwoods					
Flowering dogwood	--	--	--	0.0	0.0
Honeylocust	--	--	--	0.0	0.0
Black locust	--	--	--	0.3	0.3
Species group subtotal	--	--	--	0.3	0.3
<b>All hardwoods</b>	<b>0.0</b>	<b>0.8</b>	<b>2.8</b>	<b>68.3</b>	<b>71.8</b>
<b>All species groups</b>	<b>0.5</b>	<b>0.5</b>	<b>3.6</b>	<b>68.7</b>	<b>73.6</b>

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 IN-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, Indiana, 2013**

Owner class	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
<b>Forest Service</b>							
National forest	12,257	--	12,257	900	--	900	13,157
<b>Other Federal</b>							
National Park Service	--	--	--	749	--	749	749
Fish and Wildlife Service	--	--	--	1,269	--	1,269	1,269
Department of Defense or Energy	7,178	--	7,178	--	--	--	7,178
Other Federal	866	--	866	--	--	--	866
<b>State and local government</b>							
State	14,675	--	14,675	6,292	--	6,292	20,967
Local (county, municipal, etc.)	2,658	--	2,658	478	--	478	3,136
<b>Private</b>							
Undifferentiated private	222,982	136	223,118	--	--	--	223,118
<b>All owners</b>	<b>260,616</b>	<b>136</b>	<b>260,752</b>	<b>9,688</b>	<b>--</b>	<b>9,688</b>	<b>270,440</b>

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 IN-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, Indiana, 2013

Species group/Species	Diameter class (inches)															All classes
	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+	
<b>Softwood species groups</b>																
<b>Eastern softwood species groups</b>																
<b>Loblolly and shortleaf pines</b>																
Shortleaf pine	--	4.6	12.5	52.0	131.9	112.3	194.1	139.0	127.8	100.4	19.1	--	--	--	--	893.7
Species group subtotal	--	4.6	12.5	52.0	131.9	112.3	194.1	139.0	127.8	100.4	19.1	--	--	--	--	893.7
<b>Other yellow pines</b>																
Scotch pine	1.2	14.2	15.5	5.1	6.3	11.9	--	--	--	--	--	--	--	--	--	54.2
Virginia pine	7.2	28.7	37.7	87.6	216.3	198.1	274.2	175.8	98.8	130.7	29.1	38.1	--	--	--	1,322.4
Species group subtotal	8.4	42.8	53.3	92.7	222.6	210.0	274.2	175.8	98.8	130.7	29.1	38.1	--	--	--	1,376.6
<b>Eastern white and red pines</b>																
Red pine	--	--	17.6	63.1	176.7	106.3	60.4	35.5	--	--	--	--	--	--	--	459.5
Eastern white pine	15.3	61.2	82.4	95.0	120.3	158.9	175.0	181.1	298.2	159.9	77.9	34.8	33.2	34.5	47.3	1,575.0
Species group subtotal	15.3	61.2	100.0	158.0	297.0	265.1	235.3	216.6	298.2	159.9	77.9	34.8	33.2	34.5	47.3	2,034.5
<b>Jack pine</b>																
Jack pine	--	--	5.9	9.5	3.7	--	--	--	--	--	--	--	--	--	--	19.1
Species group subtotal	--	--	5.9	9.5	3.7	--	--	--	--	--	--	--	--	--	--	19.1
<b>Cypress</b>																
Baldcypress	0.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.8
Species group subtotal	0.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.8
<b>Other eastern softwoods</b>																
Eastern redcedar	84.0	279.5	433.3	565.2	490.5	317.4	213.5	136.4	52.5	10.5	--	--	--	--	--	2,582.8
Tamarack (native)	--	--	--	7.6	--	--	--	--	--	--	--	--	--	--	--	7.6
Norway spruce	0.1	--	0.5	1.6	--	--	--	--	12.6	--	--	31.3	--	--	--	46.2
Blue spruce	--	--	1.6	--	--	--	--	--	--	--	--	--	--	--	--	1.6
Austrian pine	--	--	1.2	--	--	--	--	--	--	--	--	--	--	--	--	1.2
Species group subtotal	84.1	279.5	436.6	574.4	490.5	317.4	213.5	136.4	65.2	10.5	--	31.3	--	--	--	2,639.4
<b>All softwoods</b>	<b>109</b>	<b>388</b>	<b>608</b>	<b>887</b>	<b>1,146</b>	<b>905</b>	<b>917</b>	<b>668</b>	<b>590</b>	<b>402</b>	<b>126</b>	<b>104</b>	<b>33</b>	<b>35</b>	<b>47</b>	<b>6,964</b>

(Table IN-32 continued on next page)

(Table IN-32 continued)

Species group/Species	Diameter class (inches)															All classes
	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+	
<b>Hardwood species groups</b>																
<b>Eastern hardwood species groups</b>																
<b>Select white oaks</b>																
White oak	47.8	80.3	267.9	460.2	726.0	1,233.5	1,885.8	2,497.8	2,982.7	2,925.0	1,903.7	1,526.6	1,470.4	723.1	2,454.4	21,185.1
Sw amp w hite oak	3.3	4.2	9.4	25.8	42.5	24.3	134.5	151.8	1 03.2	--	93.0	62.2	--	--	165.1	819.2
Bur oak	11.4	16.5	21.8	18.4	51.7	40.7	21.6	49.3	54.8	161.8	143.3	32.2	125.9	--	--	749.2
Sw amp chestnut oak	1.3	--	1.7	--	12.1	--	29.3	--	22.0	37.5	--	52.3	--	--	--	156.2
Chinkapin oak	17.5	91.8	149.4	199.5	270.4	413.6	348.4	346.8	357.5	155.1	258.8	291.7	157.0	--	198.5	3,256.0
Species group subtotal	81.4	192.8	450.1	703.9	1,102.7	1,712.1	2,419.7	3,045.6	3,520.1	3,279.3	2,398.8	1,964.9	1,753.2	723.1	2,817.9	26,165.6
<b>Select red oaks</b>																
Cherrybark oak	0.3	3.5	1.8	--	--	10.7	19.3	31.4	37.0	--	53.3	--	--	--	--	157.3
Northern red oak	40.5	86.2	237.2	341.6	431.6	588.9	860.8	1,261.5	1,703.4	1,671.5	1,426.0	1,185.1	836.3	453.5	1,675.9	12,800.2
Shumard oak	--	--	--	3.3	--	--	--	15.3	21.6	23.3	--	44.8	--	--	--	108.4
Species group subtotal	40.8	89.8	239.0	344.8	431.6	599.6	880.1	1,308.2	1,762.1	1,694.9	1,479.3	1,230.0	836.3	453.5	1,675.9	13,065.9
<b>Other white oaks</b>																
Chestnut oak	3.0	12.3	23.6	81.6	170.3	330.4	653.9	770.8	644.9	415.2	361.5	407.3	193.4	104.2	--	4,172.3
Post oak	0.9	4.7	5.9	20.9	29.2	33.4	47.0	18.8	53.7	--	25.1	--	--	--	--	239.5
Species group subtotal	3.9	16.9	29.5	102.6	199.6	363.7	700.9	789.5	698.6	415.2	386.6	407.3	193.4	104.2	--	4,411.8
<b>Other red oaks</b>																
Scarlet oak	--	7.3	12.1	12.6	48.9	101.1	122.7	398.5	213.4	317.0	61.2	47.7	49.9	--	--	1,392.4
Northern pin oak	2.6	--	15.1	28.7	32.6	48.0	21.2	38.7	--	29.6	--	51.1	--	--	81.0	348.5
Shingle oak	16.7	14.1	64.7	68.9	111.7	130.3	167.5	122.7	143.3	115.4	73.9	214.5	--	--	122.1	1,365.8
Blackjack oak	--	--	2.1	--	--	--	--	--	--	--	--	--	--	--	--	2.1
Pin oak	15.9	55.6	106.2	176.9	301.5	370.3	500.1	447.9	499.6	375.4	438.4	445.1	474.7	321.3	678.2	5,207.1
Black oak	45.9	183.5	284.1	371.1	574.7	899.1	1,110.3	1,358.3	2,458.2	1,781.5	1,929.8	1,445.2	1,222.4	291.9	1,323.5	15,279.5
Species group subtotal	81.0	260.5	484.4	658.1	1,069.4	1,548.8	1,922.0	2,366.1	3,314.5	2,618.9	2,503.3	2,203.5	1,747.0	613.2	2,204.7	23,595.5
<b>Hickory</b>																
Water hickory	--	--	--	--	--	--	--	27.3	--	--	--	--	--	--	--	27.3
Bitternut hickory	35.9	111.3	168.7	380.6	533.2	743.9	889.5	729.6	1,054.3	821.9	296.2	162.7	--	--	65.7	5,993.4
Pignut hickory	15.5	99.5	302.5	545.2	1,024.9	1,173.8	1,382.0	1,600.5	1,403.7	985.9	567.0	182.2	212.3	--	80.2	9,575.2
Pecan	2.3	--	1.5	4.6	13.3	--	--	--	28.0	--	37.7	--	--	--	99.6	186.9
Shellbark hickory	--	--	13.6	17.0	37.2	51.1	--	49.3	--	--	55.4	--	--	--	67.1	290.6
Shagbark hickory	67.8	171.7	440.0	743.5	1,107.2	1,621.9	1,707.9	1,733.7	1,597.3	1,177.7	622.1	169.7	80.4	261.3	89.5	11,591.8
Black hickory	--	--	--	--	6.3	--	--	--	--	--	--	--	--	--	--	6.3
Mockernut hickory	--	21.0	8.1	28.7	33.1	39.5	113.9	68.0	66.8	47.1	--	--	--	--	--	426.2
Red hickory	--	--	--	--	--	--	13.9	25.3	31.1	--	--	--	--	--	--	70.3
Species group subtotal	121.6	403.5	934.5	1,719.5	2,755.1	3,630.1	4,107.2	4,233.6	4,181.2	3,032.7	1,578.4	514.6	292.7	261.3	402.1	28,168.0
<b>Yellow birch</b>																
Yellow birch	--	--	1.4	--	--	--	--	--	--	--	--	--	--	--	--	1.4
Species group subtotal	--	--	1.4	--	--	--	--	--	--	--	--	--	--	--	--	1.4
<b>Hard maple</b>																
Black maple	--	6.9	9.0	32.9	11.0	37.7	--	--	--	30.5	--	--	--	--	--	128.0
Sugar maple	1,103.1	1,730.6	2,223.7	2,979.3	3,366.5	3,562.7	3,618.2	4,018.0	3,115.2	2,351.1	1,494.0	1,031.6	568.3	149.2	920.4	32,231.9
Species group subtotal	1,103.1	1,737.5	2,232.7	3,012.2	3,377.5	3,600.5	3,618.2	4,018.0	3,115.2	2,381.6	1,494.0	1,031.6	568.3	149.2	920.4	32,360.0

(Table IN-32 continued on next page)

(Table IN-32 continued)

Species group/Species	Diameter class (inches)															All classes
	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+	
<b>Eastern hardwood species groups</b>																
<b>Soft maple</b>																
Red maple	244.5	530.6	747.5	1,041.5	1,050.8	1,296.1	1,191.6	1,182.7	856.7	919.1	695.1	352.9	312.3	429.9	560.2	11,411.6
Silver maple	31.6	85.7	174.7	315.7	403.3	542.3	574.9	646.6	763.1	563.1	379.1	545.6	336.3	219.5	569.2	6,150.6
Species group subtotal	276.1	616.3	922.3	1,357.2	1,454.1	1,838.3	1,766.5	1,829.3	1,619.8	1,482.2	1,074.2	898.5	648.5	649.4	1,129.4	17,562.1
<b>Beech</b>																
American beech	286.0	319.5	341.5	360.2	391.6	483.8	508.5	666.1	928.5	793.7	699.1	563.9	374.9	208.2	790.0	7,715.6
Species group subtotal	286.0	319.5	341.5	360.2	391.6	483.8	508.5	666.1	928.5	793.7	699.1	563.9	374.9	208.2	790.0	7,715.6
<b>Sweetgum</b>																
Sweetgum	65.2	171.8	166.2	222.8	300.9	306.4	382.6	227.9	208.2	287.8	245.8	200.6	48.6	--	65.3	2,900.1
Species group subtotal	65.2	171.8	166.2	222.8	300.9	306.4	382.6	227.9	208.2	287.8	245.8	200.6	48.6	--	65.3	2,900.1
<b>Tupelo and blackgum</b>																
Blackgum	63.9	125.2	213.2	220.0	241.1	192.7	178.4	270.3	138.3	132.2	--	68.6	97.0	--	--	1,940.8
Species group subtotal	63.9	125.2	213.2	220.0	241.1	192.7	178.4	270.3	138.3	132.2	--	68.6	97.0	--	--	1,940.8
<b>Ash</b>																
White ash	194.0	432.6	684.9	970.2	1,199.0	1,530.1	1,845.2	1,726.9	1,817.3	1,111.9	1,240.0	931.1	587.2	831.4	586.0	15,687.9
Black ash	4.9	26.5	13.4	18.8	11.2	6.2	--	--	--	--	--	--	--	--	--	81.1
Green ash	85.7	99.7	281.0	476.5	590.9	649.0	598.5	710.6	387.7	378.5	281.9	139.1	100.5	111.7	223.0	5,114.3
Pumpkin ash	--	--	0.9	--	--	--	--	--	27.3	--	--	--	--	--	--	28.2
Blue ash	5.8	4.0	16.2	21.8	26.5	7.1	35.2	49.9	38.2	33.2	33.7	--	--	--	99.1	370.7
Species group subtotal	290.4	563.0	996.4	1,487.3	1,827.6	2,192.5	2,478.9	2,487.3	2,270.5	1,523.6	1,555.7	1,070.2	687.7	943.1	908.1	21,282.1
<b>Cottonwood and aspen</b>																
Eastern cottonwood	0.4	14.3	10.5	27.0	56.7	106.6	131.2	298.0	447.1	420.4	550.3	197.8	378.5	549.3	1,332.8	4,521.0
Bigtooth aspen	2.7	5.1	33.7	19.2	69.7	107.3	119.0	62.0	119.5	--	42.3	--	--	--	--	580.4
Swamp cottonwood	--	--	--	--	4.1	--	--	--	--	--	--	--	--	--	--	4.1
Quaking aspen	--	--	3.1	3.9	--	--	--	--	--	--	--	--	--	--	--	7.0
Species group subtotal	3.1	19.4	47.3	50.1	130.5	213.8	250.1	360.0	566.6	420.4	592.6	197.8	378.5	549.3	1,332.8	5,112.5
<b>Basswood</b>																
American basswood	26.7	93.2	85.7	134.9	182.7	194.6	230.0	191.9	188.4	142.7	208.1	112.2	--	51.1	86.1	1,928.4
Species group subtotal	26.7	93.2	85.7	134.9	182.7	194.6	230.0	191.9	188.4	142.7	208.1	112.2	--	51.1	86.1	1,928.4
<b>Yellow poplar</b>																
Yellow poplar	81.9	286.8	504.1	885.2	1,274.0	1,863.1	2,356.4	2,606.8	3,111.7	3,132.2	2,084.0	1,304.1	1,598.0	1,289.2	1,061.4	23,438.7
Species group subtotal	81.9	286.8	504.1	885.2	1,274.0	1,863.1	2,356.4	2,606.8	3,111.7	3,132.2	2,084.0	1,304.1	1,598.0	1,289.2	1,061.4	23,438.7
<b>Black walnut</b>																
Black walnut	40.6	196.9	332.2	632.4	890.3	1,052.9	1,216.1	1,102.3	1,012.3	749.5	297.8	67.1	102.4	97.7	60.3	7,850.8
Species group subtotal	40.6	196.9	332.2	632.4	890.3	1,052.9	1,216.1	1,102.3	1,012.3	749.5	297.8	67.1	102.4	97.7	60.3	7,850.8

(Table IN-32 continued on next page)

(Table IN-32 continued)

Species group/Species	Diameter class (inches)															All classes
	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+	
<b>Eastern hardwood species groups</b>																
<b>Other eastern soft hardwoods</b>																
Boxelder	74.1	197.6	156.4	280.6	225.2	192.4	171.6	141.9	113.8	44.6	--	40.4	--	--	--	1,638.7
Ohio buckeye	86.5	166.4	77.4	71.9	44.7	29.5	8.8	--	--	--	--	--	--	--	--	485.2
River birch	2.6	--	38.8	82.7	48.6	87.8	61.7	18.7	--	--	--	--	--	--	--	341.0
Northern catalpa	3.5	4.6	7.6	11.8	33.5	19.3	18.9	--	72.0	69.7	26.9	19.9	--	--	--	287.8
Sugarberry	--	--	1.9	--	--	9.3	--	--	--	--	--	--	--	--	--	11.2
Hackberry	102.6	242.8	327.4	463.3	462.0	455.1	416.6	434.2	245.5	214.5	142.9	112.3	49.6	66.1	320.9	4,055.8
Butternut	--	--	0.7	1.9	5.1	--	--	--	--	--	--	--	--	--	--	7.7
American sycamore	16.2	63.9	116.4	205.2	313.1	426.8	633.4	859.9	840.1	800.5	999.6	774.8	869.6	597.7	1,543.8	9,060.8
Black cherry	181.5	385.8	748.7	944.0	1,040.5	1,306.6	1,105.2	862.0	651.1	676.9	348.7	233.9	43.3	105.8	--	8,634.2
Black willow	13.6	40.7	39.5	58.4	55.6	55.2	49.5	89.5	14.6	22.1	19.1	--	--	--	--	457.9
Sassafras	201.0	526.6	531.3	742.6	854.1	592.3	675.6	436.6	204.2	253.6	54.4	--	40.1	--	--	5,112.4
Winged elm	21.7	15.5	26.6	33.7	19.0	--	--	--	--	--	--	--	--	--	--	116.6
American elm	241.7	671.1	677.7	655.8	536.3	439.8	430.6	120.4	148.5	89.5	89.7	32.8	--	--	140.8	4,274.7
Siberian elm	1.3	7.6	9.7	15.3	16.7	5.7	20.1	16.0	17.4	91.6	--	--	--	55.6	--	257.0
Slippery elm	55.6	198.7	199.8	269.5	182.5	175.1	95.8	97.0	97.9	97.6	127.5	--	--	--	--	1,596.9
Species group subtotal	1,002.0	2,521.5	2,959.9	3,836.7	3,836.9	3,794.8	3,688.0	3,076.2	2,405.0	2,360.5	1,809.0	1,214.1	1,002.5	825.2	2,005.5	36,337.8
<b>Other eastern hard hardwoods</b>																
Flow ering dogw ood	256.0	351.2	143.3	35.3	6.1	--	--	--	--	--	--	--	--	--	--	791.9
Common persimmon	21.3	54.2	92.7	71.4	102.7	50.7	123.7	50.3	--	--	--	--	--	--	--	567.0
Waterlocust	--	--	--	2.2	6.1	--	--	--	--	--	--	--	--	--	--	8.3
Honeylocust	20.1	45.7	97.0	159.3	176.6	228.7	278.7	268.3	204.3	187.1	--	--	--	66.0	--	1,731.8
Kentucky coffeetree	0.6	24.5	5.9	8.6	5.0	--	15.5	32.9	--	--	--	--	--	--	--	93.1
Mulberry spp.	--	6.7	2.6	1.8	--	--	--	--	--	--	--	--	--	--	--	11.0
White mulberry	6.1	9.8	12.1	23.8	14.2	6.2	11.9	--	19.8	--	--	--	--	--	--	103.9
Red mulberry	33.2	112.2	62.7	86.2	95.6	71.5	37.1	59.6	62.8	22.7	--	--	--	--	--	643.6
Black locust	19.8	119.5	210.7	244.0	404.1	277.7	212.1	254.4	104.4	304.4	90.7	52.8	--	--	--	2,294.7
Rock elm	5.0	--	4.5	14.4	5.4	--	--	--	--	--	--	--	--	--	--	29.2
Species group subtotal	362.0	723.8	631.4	647.2	815.6	634.9	679.0	665.5	391.3	514.2	90.7	52.8	--	66.0	--	6,274.6

Table IN-32 continued on next page)

(Table IN-32 continued)

Species group/Species	Diameter class (inches)															All classes
	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+	
<b>Eastern hardwood species groups</b>																
<b>Eastern noncommercial hardwoods</b>																
Ailanthus	10.9	22.0	12.7	7.5	13.2	27.5	27.3	19.3	--	--	--	--	--	--	--	140.4
European alder	--	--	2.7	--	--	--	--	--	--	--	--	--	--	--	--	2.7
Serviceberry spp.	3.5	18.7	1.0	--	--	--	--	--	--	--	--	--	--	--	--	23.2
Common serviceberry	0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.2
Paw paw	75.9	3.4	4.1	--	--	--	--	--	--	--	--	--	--	--	--	83.5
American hornbeam, muscled wood	113.5	95.1	54.2	8.2	--	--	--	--	--	--	--	--	--	--	--	271.0
Eastern redbud	101.5	91.8	109.4	30.9	14.2	5.3	--	--	--	--	--	--	--	--	--	353.1
Haw thorn spp.	50.4	112.9	75.1	32.7	19.2	15.7	--	--	--	--	--	--	--	--	--	306.0
Cockspur haw thorn	8.8	15.9	1.1	--	--	--	--	--	--	--	--	--	--	--	--	25.8
Osage-orange	28.9	128.9	242.6	253.9	216.4	133.2	130.3	57.1	33.6	28.0	--	70.2	--	--	139.4	1,462.5
Apple spp.	20.8	39.3	6.9	--	27.5	19.3	15.2	--	23.4	--	--	--	--	--	--	152.5
Eastern hophornbeam	95.6	171.7	119.6	74.0	29.7	28.1	--	--	--	--	--	--	--	--	--	518.6
Sourwood	0.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.9
Cherry and plum spp.	--	--	1.5	--	--	--	--	--	--	--	--	--	--	--	--	1.5
Chokecherry	1.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.8
American plum	--	7.2	0.9	--	--	--	--	--	--	--	--	--	--	--	--	8.1
Willow spp.	0.3	--	4.0	1.7	5.2	--	--	--	--	--	--	--	--	--	--	11.3
Other or unknown live tree	--	--	1.1	--	--	--	--	--	--	--	--	--	--	--	--	1.1
Species group subtotal	513.1	706.8	636.9	408.8	325.5	229.1	172.8	76.4	57.1	28.0	--	70.2	--	--	139.4	3,364.1
<b>All hardwoods</b>	<b>4,443</b>	<b>9,045</b>	<b>12,209</b>	<b>16,784</b>	<b>20,607</b>	<b>24,452</b>	<b>27,555</b>	<b>29,321</b>	<b>29,489</b>	<b>24,990</b>	<b>18,497</b>	<b>13,172</b>	<b>10,329</b>	<b>6,984</b>	<b>15,599</b>	<b>263,476</b>
<b>All species groups</b>	<b>4,552</b>	<b>9,433</b>	<b>12,817</b>	<b>17,671</b>	<b>21,752</b>	<b>25,356</b>	<b>28,473</b>	<b>29,989</b>	<b>30,079</b>	<b>25,391</b>	<b>18,623</b>	<b>13,276</b>	<b>10,361</b>	<b>7,018</b>	<b>15,647</b>	<b>270,440</b>

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 IN-54.—Area of forest land, in thousand acres, by inventory unit, county, and forest-land status, Indiana, 2013

Inventory unit and county	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
<b>Lower Wabash</b>							
Clay	72.3	--	72.3	--	--	--	72.3
Daviess, Knox	57.7	--	57.7	1.1	--	1.1	58.8
Gibson	37.2	--	37.2	2.9	--	2.9	40.1
Greene	110.4	--	110.4	--	--	--	110.4
Martin	137.2	--	137.2	--	--	--	137.2
Parke	103.3	--	103.3	3.0	--	3.0	106.3
Pike	83.8	--	83.8	8.9	--	8.9	92.7
Posey, Vanderburgh	57.9	--	57.9	5.8	--	5.8	63.8
Putnam	90.7	--	90.7	--	--	--	90.7
Sullivan	74.1	--	74.1	4.5	--	4.5	78.6
Vermillion	29.4	--	29.4	--	--	--	29.4
Vigo	49.4	--	49.4	--	--	--	49.4
<b>Total</b>	<b>903.5</b>	<b>--</b>	<b>903.5</b>	<b>26.3</b>	<b>--</b>	<b>26.3</b>	<b>929.8</b>
<b>Knobs</b>							
Brown	145.0	--	145.0	22.4	--	22.4	167.4
Clark, Scott	103.5	--	103.5	5.2	--	5.2	108.7
Crawford	120.5	--	120.5	5.5	--	5.5	126.1
Dubois	85.4	--	85.4	--	--	--	85.4
Floyd, Harrison	171.8	--	171.8	2.8	--	2.8	174.6
Jackson	118.5	--	118.5	5.5	--	5.5	124.0
Lawrence	124.6	--	124.6	2.8	--	2.8	127.4
Monroe	139.4	--	139.4	10.3	--	10.3	149.7
Morgan	102.4	--	102.4	--	--	--	102.4
Orange	136.5	--	136.5	--	--	--	136.5
Owen	136.9	--	136.9	3.7	--	3.7	140.6
Perry	178.4	--	178.4	--	--	--	178.4
Spencer	65.6	--	65.6	--	--	--	65.6
Warrick	82.1	--	82.1	--	--	--	82.1
Washington	115.7	1.5	117.2	--	--	--	117.2
<b>Total</b>	<b>1,826.6</b>	<b>1.5</b>	<b>1,828.1</b>	<b>58.2</b>	<b>--</b>	<b>58.2</b>	<b>1,886.2</b>
<b>Upland Flats</b>							
Dearborn	95.1	--	95.1	--	--	--	95.1
Fayette, Union	56.2	--	56.2	--	--	--	56.2
Franklin	120.6	--	120.6	3.9	--	3.9	124.4
Jefferson	102.6	--	102.6	--	--	--	102.6
Jennings	107.4	--	107.4	5.2	--	5.2	112.5
Ohio, Switzerland	81.3	--	81.3	--	--	--	81.3
Ripley	89.4	--	89.4	14.7	--	14.7	104.1
<b>Total</b>	<b>652.6</b>	<b>--</b>	<b>652.6</b>	<b>23.7</b>	<b>--</b>	<b>23.7</b>	<b>676.3</b>

(Table IN-54 continued on next page)

(Table IN-54 continued)

Inventory unit and county	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
<b>Northern</b>							
AdHuWe	55.7	--	55.7	5.6	--	5.6	61.4
Allen	48.2	--	48.2	--	--	--	48.2
Batholomew	58.0	--	58.0	--	--	--	58.0
BeFoWa	51.9	--	51.9	--	--	--	51.9
BIDeGrMa	86.1	--	86.1	--	--	--	86.1
BoClHaTi	31.9	--	31.9	--	--	--	31.9
CaHoMiWa	96.4	--	96.4	--	--	--	96.4
CaTiWh	81.1	--	81.1	1.8	--	1.8	82.9
De Kalb, Steuben	80.4	--	80.4	--	--	--	80.4
DeHeRuWa	78.2	--	78.2	--	--	--	78.2
EINoWh	98.3	--	98.3	9.1	--	9.1	107.3
Fulton, Marshall	59.4	--	59.4	--	--	--	59.4
HaHeJoMaSh	91.4	--	91.4	3.0	--	3.0	94.4
JaLaNe	69.1	2.8	71.9	7.6	--	7.6	79.6
Jay, Randolph	46.6	--	46.6	2.3	--	2.3	48.9
Kosciusko	53.7	--	53.7	--	--	--	53.7
La Grange	37.7	--	37.7	--	--	--	37.7
La Porte	54.9	--	54.9	--	--	--	54.9
Montgomery	40.9	--	40.9	2.2	--	2.2	43.1
Porter	28.3	--	28.3	14.1	--	14.1	42.5
PuStSt	81.3	--	81.3	4.6	--	4.6	86.0
<b>Total</b>	1,329.7	2.8	1,332.5	50.5	--	50.5	1,383.0
<b>All counties</b>	4,712.4	4.3	4,716.7	158.7	--	158.7	4,875.4

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.

AdHuWe = Adams, Huntington, and Wells Counties

BeFoWa = Benton, Fountain, and Warren Counties

BIDeGrMa = Blackford, Delaware, Grant, and Madison Counties

BoClHaTi = Boone, Clinton, Hamilton, and Tipton Counties

CaHoMiWa = Cass, Howard, Miami, and Wabash Counties

CaTiWh = Carroll, Tippecanoe, and White Counties

DeHeRuWa = Decatur, Henry, Rush, and Wayne Counties

EINoWh = Elkhart, Noble, and Whitley Counties

HaHeJoMaSh = Hancock, Hendricks, Johnson, Marion, and Shelby Counties

JaLaNe = Jasper, Lake, and Newton Counties

PuStSt = Pulaski, St. Joseph, and Starke Counties

Table IN-55.—Area of forest land, in thousand acres, by inventory unit, county, ownership group, and forest-land status, Indiana, 2013

Inventory unit and county	Forest Service		Other Federal		State and local government		Undifferentiated private		All forest land
	Timberland	Other forest land	Timberland	Other forest land	Timberland	Other forest land	Timberland	Other forest land	
<b>Lower Wabash</b>									
Clay	--	--	--	--	--	--	72.3	--	72.3
Daviess, Knox	--	--	--	--	2.5	1.1	52.5	--	58.8
Gibson	--	--	--	2.9	2.4	--	34.8	--	40.1
Greene	--	--	3.0	--	10.8	--	96.7	--	110.4
Martin	12.2	--	42.6	--	17.6	--	64.8	--	137.2
Parke	--	--	--	--	5.0	3.0	92.2	--	106.3
Pike	--	--	--	6.0	9.4	3.0	74.4	--	92.7
Posey, Vanderburgh	--	--	--	--	4.9	5.8	53.1	--	63.8
Putnam	--	--	--	--	12.7	--	77.9	--	90.7
Sullivan	--	--	--	--	5.0	4.5	69.1	--	78.6
Vermillion	--	--	2.2	--	--	--	27.2	--	29.4
Vigo	--	--	--	--	--	--	49.4	--	49.4
<b>Total</b>	12.2	--	47.8	8.9	70.3	17.5	764.3	--	929.8
<b>Knobs</b>									
Brown	23.4	2.6	2.9	--	30.6	19.8	88.0	--	167.4
Clark, Scott	--	--	--	--	16.1	5.2	84.6	--	108.7
Crawford	32.0	--	5.0	--	4.3	5.5	76.8	--	126.1
Dubois	--	--	4.9	--	2.8	--	73.8	--	85.4
Floyd, Harrison	--	--	--	--	18.5	2.8	153.3	--	174.6
Jackson	17.5	--	2.8	5.5	9.1	--	89.1	--	124.0
Lawrence	13.9	--	4.0	--	4.0	2.8	98.2	--	127.4
Monroe	5.8	7.5	4.3	--	18.2	2.8	107.2	--	149.7
Morgan	--	--	--	--	2.1	--	99.0	--	102.4
Orange	30.2	--	10.1	--	--	--	92.2	--	136.5
Owen	--	--	2.8	--	12.0	3.7	118.7	--	140.6
Perry	61.1	--	--	--	3.5	--	113.8	--	178.4
Spencer	--	--	--	--	--	--	65.6	--	65.6
Warrick	--	--	--	--	3.4	--	78.7	--	82.1
Washington	--	--	--	--	18.1	--	97.6	1.5	117.2
<b>Total</b>	183.9	10.2	36.6	5.5	142.8	42.4	1,436.7	1.5	1,886.2

(Table IN-55 continued on next page)

(Table IN-55 continued)

Inventory unit and county	Forest Service		Other Federal		State and local government		Undifferentiated private		All forest land
	Timberland	Other forest land	Timberland	Other forest land	Timberland	Other forest land	Timberland	Other forest land	
<b>Upland Flats</b>									
Dearborn	--	--	--	--	--	--	95.1	--	95.1
Fayette, Union	--	--	--	--	2.8	--	52.6	--	56.2
Franklin	--	--	--	--	2.9	3.9	117.7	--	124.4
Jefferson	--	--	1.3	--	3.9	--	97.5	--	102.6
Jennings	--	--	10.3	5.2	10.2	--	84.7	--	112.5
Ohio, Switzerland	--	--	--	--	--	--	81.3	--	81.3
Ripley	--	--	20.6	--	2.4	14.7	66.4	--	104.1
<b>Total</b>	--	--	32.2	5.2	22.2	18.6	595.3	--	676.3
<b>Northern</b>									
AdHuWe	--	--	4.9	--	0.8	5.6	50.0	--	61.4
Allen	--	--	--	--	--	--	48.2	--	48.2
Batholomew	--	--	14.3	--	3.3	--	40.5	--	58.0
BeFoWa	--	--	--	--	--	--	51.9	--	51.9
BIDeGrMa	--	--	2.9	--	3.2	--	80.1	--	86.1
BoClHaTi	--	--	--	--	--	--	31.9	--	31.9
CaHoMiWa	--	--	1.7	--	1.0	--	90.7	--	96.4
CaTiWh	--	--	--	--	0.8	1.8	76.4	--	82.9
De Kalb, Steuben	--	--	--	--	--	--	77.3	--	80.4
DeHeRuWa	--	--	--	--	3.3	--	72.1	--	78.2
EINoWh	--	--	--	--	0.6	9.1	97.7	--	107.3
Fulton, Marshall	--	--	--	--	--	--	58.6	--	59.4
HaHeJoMaSh	--	--	2.6	--	13.0	3.0	75.8	--	94.4
JaLaNe	--	--	--	--	10.2	7.6	58.9	2.8	79.6
Jay, Randolph	--	--	--	--	3.0	2.3	39.8	--	48.9
Kosciusko	--	--	--	--	0.8	--	52.9	--	53.7
La Grange	--	--	--	--	11.6	--	26.1	--	37.7
La Porte	--	--	--	--	1.3	--	53.6	--	54.9
Montgomery	--	--	--	--	--	2.2	40.9	--	43.1
Porter	--	--	--	11.1	1.7	3.0	26.7	--	42.5
PuStSt	--	--	--	--	6.8	4.6	74.6	--	86.0
<b>Total</b>	--	--	26.4	11.1	61.4	39.4	1,224.5	2.8	1,383.0
<b>All counties</b>	196.1	10.2	143.0	30.7	296.6	117.8	4,020.8	4.3	4,875.4

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.

AdHuWe = Adams, Huntington, and Wells Counties  
BeFoWa = Benton, Fountain, and Warren Counties  
BIDeGrMa = Blackford, Delaware, Grant, and Madison Counties  
BoClHaTi = Boone, Clinton, Hamilton, and Tipton Counties  
CaHoMiWa = Cass, Howard, Miami, and Wabash Counties  
CaTiWh = Carroll, Tippecanoe, and White Counties  
DeHeRuWa = Decatur, Henry, Rush, and Wayne Counties  
EINoWh = Elkhart, Noble, and Whitley Counties  
HaHeJoMaSh = Hancock, Hendricks, Johnson, Marion, and Shelby Counties  
JaLaNe = Jasper, Lake, and Newton Counties  
PuStSt = Pulaski, St. Joseph, and Starke Counties

Table IN-56.—Area of forest land, in thousand acres, by inventory unit, county, and forest-type group, Indiana, 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	Aspen-birch	Other hardwoods	Exotic hardwoods	Non-stocked	
<b>Lower Wabash</b>														
Clay	3.6	--	--	--	2.0	47.0	0.9	14.2	4.7	--	--	--	--	72.3
Daviess, Knox	--	--	--	--	1.6	29.1	--	22.7	5.4	--	--	--	--	58.8
Gibson	--	--	--	--	--	22.8	0.8	14.1	2.4	--	--	--	--	40.1
Greene	3.6	--	--	--	--	93.9	--	10.2	2.7	--	--	--	--	110.4
Martin	--	--	--	--	1.0	114.6	--	9.1	12.4	--	--	--	--	137.2
Parke	--	--	--	2.4	--	78.7	--	15.8	9.4	--	--	--	--	106.3
Pike	3.6	6.0	--	--	7.9	31.6	8.9	29.4	--	--	1.7	--	3.6	92.7
Posey, Vanderburgh	--	--	--	--	--	43.7	--	18.4	1.6	--	--	--	--	63.8
Putnam	--	--	--	--	3.5	68.0	--	10.0	8.3	--	--	--	0.9	90.7
Sullivan	0.7	--	--	--	--	52.2	--	21.8	--	--	--	--	3.9	78.6
Vermillion	--	--	--	--	--	22.4	--	3.7	--	--	--	--	3.3	29.4
Vigo	--	--	--	--	--	32.4	--	15.1	--	--	--	1.0	0.8	49.4
<b>Total</b>	<b>11.5</b>	<b>6.0</b>	<b>--</b>	<b>2.4</b>	<b>16.0</b>	<b>636.4</b>	<b>10.6</b>	<b>184.7</b>	<b>47.0</b>	<b>--</b>	<b>1.7</b>	<b>1.0</b>	<b>12.5</b>	<b>929.8</b>
<b>Knobs</b>														
Brown	1.6	--	--	--	2.6	150.9	1.0	5.4	--	--	--	0.8	5.0	167.4
Clark, Scott	--	--	--	--	16.8	76.2	3.7	2.4	5.0	--	4.5	--	--	108.7
Crawford	--	2.2	1.4	--	11.1	103.2	--	6.1	2.1	--	--	--	--	126.1
Dubois	--	--	--	--	--	61.1	--	10.7	11.6	--	2.0	--	--	85.4
Floyd, Harrison	--	2.8	10.1	--	8.9	109.5	--	3.0	40.4	--	--	--	--	174.6
Jackson	0.4	2.1	--	--	2.5	77.5	9.1	14.3	18.1	--	--	--	--	124.0
Lawrence	--	4.7	--	--	5.8	90.9	--	14.7	10.7	--	0.6	--	--	127.4
Monroe	--	0.9	--	--	1.9	128.9	--	5.3	12.7	--	--	--	--	149.7
Morgan	1.4	--	--	--	--	69.3	--	17.4	13.1	--	--	--	1.1	102.4
Orange	0.7	4.9	--	--	12.6	107.3	--	5.4	5.7	--	--	--	--	136.5
Owen	--	--	--	--	4.0	114.8	--	5.1	14.7	--	--	--	2.1	140.6
Perry	2.2	3.6	--	0.7	6.4	141.9	4.0	7.7	11.8	--	--	--	--	178.4
Spencer	--	--	--	--	1.2	44.7	--	14.8	4.8	--	--	--	--	65.6
Warrick	--	4.0	1.2	--	4.0	51.6	7.9	12.0	--	--	--	--	1.6	82.1
Washington	--	2.3	3.0	--	3.0	94.7	--	2.8	11.5	--	--	--	--	117.2
<b>Total</b>	<b>6.3</b>	<b>27.6</b>	<b>15.7</b>	<b>0.7</b>	<b>80.7</b>	<b>1,422.5</b>	<b>25.7</b>	<b>127.0</b>	<b>162.3</b>	<b>--</b>	<b>7.1</b>	<b>0.8</b>	<b>9.8</b>	<b>1,886.2</b>
<b>Upland Flats</b>														
Dearborn	--	--	3.8	--	18.9	64.7	--	6.8	0.9	--	--	--	--	95.1
Fayette, Union	--	--	--	--	--	46.7	--	8.8	0.8	--	--	--	--	56.2
Franklin	2.9	--	--	--	3.3	100.8	3.8	11.5	0.3	--	--	--	1.8	124.4
Jefferson	--	--	3.2	--	16.3	76.2	2.6	3.4	--	--	0.9	--	--	102.6
Jennings	2.5	0.9	--	--	--	85.4	0.9	11.0	7.9	2.8	1.1	--	--	112.5
Ohio, Switzerland	--	--	0.9	--	6.3	63.3	--	0.5	9.3	--	--	--	0.9	81.3
Ripley	--	0.8	0.8	--	5.0	67.2	12.4	4.4	11.6	0.9	--	--	0.9	104.1
<b>Total</b>	<b>5.4</b>	<b>1.8</b>	<b>8.7</b>	<b>--</b>	<b>49.8</b>	<b>504.3</b>	<b>19.6</b>	<b>46.4</b>	<b>30.8</b>	<b>3.8</b>	<b>2.0</b>	<b>--</b>	<b>3.7</b>	<b>676.3</b>

(IN-Table 56 continued on next page)

(Table IN-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	Aspen-birch	Other hardwoods	Exotic hardwoods	Non-stocked	
<b>Northern</b>														
AdHuWe	3.0	--	--	--	--	41.5	--	16.8	--	--	--	--	--	61.4
Allen	--	--	--	--	--	36.1	--	5.3	2.9	--	3.8	--	--	48.2
Batholomew	--	--	--	--	1.6	36.1	2.5	14.0	3.8	--	--	--	--	58.0
BeFoWa	--	--	--	--	--	31.6	--	11.5	8.8	--	--	--	--	51.9
BIDeGrMa	--	--	--	0.8	--	66.0	--	15.4	3.8	--	--	--	--	86.1
BoClHaTi	--	--	--	--	--	21.3	--	9.1	1.5	--	--	--	--	31.9
CaHoMiWa	3.8	--	--	--	--	61.7	--	20.0	10.9	--	--	--	--	96.4
CaTiWh	--	--	--	--	--	72.1	--	9.9	0.9	--	--	--	--	82.9
De Kalb, Steuben	--	--	--	--	--	56.1	--	12.6	9.4	--	--	--	2.3	80.4
DeHeRuWa	0.7	--	--	--	--	55.0	--	20.7	--	--	--	--	1.8	78.2
EINoWh	2.5	--	--	--	--	65.6	0.7	22.9	11.9	--	3.7	--	--	107.3
Fulton, Marshall	--	--	--	--	3.3	37.5	--	12.2	4.6	--	--	--	1.8	59.4
HaHeJoMaSh	--	--	--	--	5.2	59.8	--	22.3	6.3	--	--	--	0.8	94.4
JaLaNe	--	--	--	0.6	--	57.3	3.8	14.5	--	--	--	--	3.4	79.6
Jay, Randolph	--	--	--	--	--	40.9	--	4.8	3.3	--	--	--	--	48.9
Kosciusko	--	--	--	--	--	22.9	--	28.8	0.4	--	--	--	1.6	53.7
La Grange	3.0	--	--	--	--	15.3	--	14.4	4.0	--	--	--	0.9	37.7
La Porte	0.0	--	--	--	2.8	38.2	1.0	9.1	2.9	--	1.0	--	--	54.9
Montgomery	--	--	--	--	--	26.9	--	11.4	3.9	--	--	--	1.0	43.1
Porter	--	--	--	--	--	34.4	--	8.1	--	--	--	--	--	42.5
PuStSt	2.5	--	--	--	--	71.8	--	10.6	0.2	--	0.8	--	--	86.0
<b>Total</b>	<b>15.6</b>	<b>--</b>	<b>--</b>	<b>1.4</b>	<b>12.9</b>	<b>948.2</b>	<b>8.1</b>	<b>294.5</b>	<b>79.5</b>	<b>--</b>	<b>9.3</b>	<b>--</b>	<b>13.5</b>	<b>1,383.0</b>
<b>All counties</b>	<b>38.7</b>	<b>35.4</b>	<b>24.3</b>	<b>4.6</b>	<b>159.5</b>	<b>3,511.4</b>	<b>64.1</b>	<b>652.5</b>	<b>319.6</b>	<b>3.8</b>	<b>20.2</b>	<b>1.8</b>	<b>39.6</b>	<b>4,875.4</b>

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.

AdHuWe = Adams, Huntington, and Wells Counties

BeFoWa = Benton, Fountain, and Warren Counties

BIDeGrMa = Blackford, Delaware, Grant, and Madison Counties

BoClHaTi = Boone, Clinton, Hamilton, and Tipton Counties

CaHoMiWa = Cass, Howard, Miami, and Wabash Counties

CaTiWh = Carroll, Tippecanoe, and White Counties

DeHeRuWa = Decatur, Henry, Rush, and Wayne Counties

EINoWh = Elkhart, Noble, and Whitley Counties

HaHeJoMaSh = Hancock, Hendricks, Johnson, Marion, and Shelby Counties

JaLaNe = Jasper, Lake, and Newton Counties

PuStSt = Pulaski, St. Joseph, and Starke Counties

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

Inventory unit and county	Stand-size class			Nonstocked	All size classes
	Large diameter	Medium diameter	Small diameter		
<b>Lower Wabash</b>					
Clay	69.0	3.3	--	--	72.3
Daviess, Knox	53.8	1.7	2.1	--	57.7
Gibson	34.0	3.2	--	--	37.2
Greene	82.5	22.3	5.6	--	110.4
Martin	127.6	8.3	1.2	--	137.2
Parke	80.4	14.3	8.7	--	103.3
Pike	56.8	5.3	18.1	3.6	83.8
Posey, Vanderburgh	52.3	2.5	3.1	--	57.9
Putnam	77.4	10.0	2.4	0.9	90.7
Sullivan	49.8	9.2	11.2	3.9	74.1
Vermillion	21.6	1.8	2.7	3.3	29.4
Vigo	32.0	14.9	1.6	0.8	49.4
<b>Total</b>	<b>737.2</b>	<b>96.9</b>	<b>56.9</b>	<b>12.5</b>	<b>903.5</b>
<b>Knobs</b>					
Brown	136.1	3.9	--	5.0	145.0
Clark, Scott	92.2	3.6	7.7	--	103.5
Crawford	94.7	16.6	9.2	--	120.5
Dubois	67.0	7.5	10.9	--	85.4
Floyd, Harrison	134.5	21.8	15.6	--	171.8
Jackson	102.4	11.1	5.0	--	118.5
Lawrence	96.6	20.3	7.7	--	124.6
Monroe	126.1	13.3	--	--	139.4
Morgan	90.0	9.8	1.5	1.1	102.4
Orange	108.2	17.4	11.0	--	136.5
Owen	110.0	14.5	10.3	2.1	136.9
Perry	139.8	34.8	3.8	--	178.4
Spencer	42.1	14.5	8.9	--	65.6
Warrick	59.0	9.6	12.0	1.6	82.1
Washington	97.9	10.7	7.1	--	115.7
<b>Total</b>	<b>1,496.7</b>	<b>209.5</b>	<b>110.7</b>	<b>9.8</b>	<b>1,826.6</b>

(Table IN-57 continued on next page)

(Table IN-57 continued)

Inventory unit and county	Stand-size class			Nonstocked	All size classes
	Large diameter	Medium diameter	Small diameter		
<b>Upland Flats</b>					
Dearborn	57.0	27.7	10.4	--	95.1
Fayette, Union	44.5	10.1	1.7	--	56.2
Franklin	86.0	31.2	1.5	1.8	120.6
Jefferson	72.6	26.6	3.4	--	102.6
Jennings	91.8	4.1	11.4	--	107.4
Ohio, Switzerland	48.2	22.9	9.2	0.9	81.3
Ripley	68.3	13.8	6.5	0.9	89.4
<b>Total</b>	<b>468.5</b>	<b>136.3</b>	<b>44.0</b>	<b>3.7</b>	<b>652.6</b>
<b>Northern</b>					
AdHuWe	43.5	8.3	3.9	--	55.7
Allen	44.7	1.8	1.7	--	48.2
Batholomew	43.5	7.4	7.1	--	58.0
BeFoWa	44.7	6.3	1.0	--	51.9
BIDeGrMa	58.6	22.3	5.2	--	86.1
BoClHaTi	21.2	9.9	0.8	--	31.9
CaHoMiWa	77.6	17.1	1.8	--	96.4
CaTiWh	51.1	26.8	3.2	--	81.1
De Kalb, Steuben	52.4	16.5	9.2	2.3	80.4
DeHeRuWa	59.2	8.3	8.8	1.8	78.2
EINoWh	69.8	7.8	20.6	--	98.3
Fulton, Marshall	38.1	9.6	9.9	1.8	59.4
HaHeJoMaSh	64.2	12.4	14.1	0.8	91.4
JaLaNe	28.7	22.6	14.4	3.4	69.1
Jay, Randolph	30.9	15.3	0.4	--	46.6
Kosciusko	48.5	0.8	2.9	1.6	53.7
La Grange	23.9	12.9	--	0.9	37.7
La Porte	37.5	12.0	5.4	--	54.9
Montgomery	34.0	3.4	2.5	1.0	40.9
Porter	19.5	5.4	3.4	--	28.3
PuStSt	62.4	14.4	4.5	--	81.3
<b>Total</b>	<b>953.9</b>	<b>241.6</b>	<b>120.7</b>	<b>13.5</b>	<b>1,329.7</b>
<b>All counties</b>	<b>3,656.3</b>	<b>684.3</b>	<b>332.2</b>	<b>39.6</b>	<b>4,712.4</b>

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CaHoMiWa = Cass, Howard, Miami, and Wabash Counties  
CaTiWh = Carroll, Tippecanoe, and White Counties  
DeHeRuWa = Decatur, Henry, Rush, and Wayne Counties  
EINoWh = Elkhart, Noble, and Whitley Counties  
HaHeJoMaSh = Hancock, Hendricks, Johnson, Marion, and Shelby Counties  
JaLaNe = Jasper, Lake, and Newton Counties  
PuStSt = Pulaski, St. Joseph, and Starke Counties



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

Inventory unit and county	Stocking class of growing-stock trees					All classes
	Nonstocked	Poorly stocked	Moderately stocked	Fully stocked	Over-stocked	
<b>Lower Wabash</b>						
Clay	--	19.9	40.9	7.2	4.4	72.3
Daviess, Knox	1.6	9.6	19.4	26.8	0.2	57.7
Gibson	1.0	13.2	14.6	8.5	--	37.2
Greene	0.8	28.7	56.0	22.5	2.3	110.4
Martin	0.5	17.3	78.9	40.5	--	137.2
Parke	1.9	27.2	42.0	31.6	0.8	103.3
Pike	3.6	15.4	45.3	17.5	2.0	83.8
Posey, Vanderburgh	0.7	13.6	18.8	21.7	3.1	57.9
Putnam	3.2	16.2	48.6	20.0	2.7	90.7
Sullivan	6.2	15.0	29.5	21.7	1.6	74.1
Vermillion	3.5	5.0	10.7	9.7	0.6	29.4
Vigo	1.5	7.3	29.4	9.3	1.8	49.4
<b>Total</b>	24.4	188.4	434.1	237.1	19.4	903.5
<b>Knobs</b>						
Brown	5.0	12.3	49.3	77.1	1.3	145.0
Clark, Scott	0.7	22.0	43.0	37.8	--	103.5
Crawford	1.2	17.7	57.8	43.8	--	120.5
Dubois	0.5	6.5	47.6	27.1	3.7	85.4
Floyd, Harrison	1.2	47.7	72.0	45.3	5.6	171.8
Jackson	0.1	14.0	62.7	37.6	4.1	118.5
Lawrence	4.5	17.7	54.6	46.1	1.7	124.6
Monroe	2.0	23.3	76.0	33.1	5.1	139.4
Morgan	1.1	15.9	32.8	47.2	5.3	102.4
Orange	0.9	35.8	47.6	51.4	0.9	136.5
Owen	5.6	27.0	57.2	44.0	3.2	136.9
Perry	2.2	27.5	102.0	46.7	--	178.4
Spencer	--	18.5	39.1	6.0	2.0	65.6
Warrick	1.6	13.4	27.7	37.9	1.6	82.1
Washington	--	24.5	53.7	34.9	2.6	115.7
<b>Total</b>	26.7	323.6	823.2	615.8	37.3	1,826.6

(Table IN-58 continued on next page)

(Table IN-58 continued)

Inventory unit and county	Stocking class of growing-stock trees					All classes
	Nonstocked	Poorly stocked	Moderately stocked	Fully stocked	Over-stocked	
<b>Upland Flats</b>						
Dearborn	6.1	25.4	46.5	12.2	4.9	95.1
Fayette, Union	0.3	6.4	29.6	19.9	--	56.2
Franklin	2.1	22.7	70.0	25.7	--	120.6
Jefferson	2.3	22.9	51.1	26.4	--	102.6
Jennings	--	18.3	44.2	38.9	6.0	107.4
Ohio, Switzerland	3.5	40.5	32.6	4.1	0.5	81.3
Ripley	0.9	5.1	34.8	46.5	2.1	89.4
<b>Total</b>	<b>15.3</b>	<b>141.3</b>	<b>308.8</b>	<b>173.7</b>	<b>13.5</b>	<b>652.6</b>
<b>Northern</b>						
AdHuWe	3.1	10.6	22.2	19.0	0.9	55.7
Allen	1.8	4.4	16.2	19.5	6.2	48.2
Batholomew	0.2	7.2	26.4	24.2	--	58.0
BeFoWa	1.0	17.6	15.3	15.2	2.8	51.9
BIDeGrMa	0.3	29.3	29.6	26.1	0.8	86.1
BoClHaTi	1.0	8.6	7.6	14.7	--	31.9
CaHoMiWa	0.4	14.1	59.2	21.6	1.0	96.4
CaTiWh	3.4	29.0	23.3	23.8	1.6	81.1
De Kalb, Steuben	4.0	6.6	40.7	29.2	--	80.4
DeHeRuWa	1.8	19.1	23.5	31.9	1.8	78.2
EINoWh	4.5	23.5	36.0	26.1	8.2	98.3
Fulton, Marshall	2.7	13.2	23.0	19.1	1.3	59.4
HaHeJoMaSh	4.3	17.0	42.5	26.4	1.2	91.4
JaLaNe	3.5	22.7	26.3	16.6	0.0	69.1
Jay, Randolph	0.3	0.8	14.1	30.3	1.1	46.6
Kosciusko	1.6	5.6	24.1	17.2	5.3	53.7
La Grange	0.9	19.8	9.9	6.7	0.3	37.7
La Porte	4.3	16.8	15.8	18.0	0.0	54.9
Montgomery	1.0	10.7	18.2	11.0	--	40.9
Porter	0.8	9.3	18.2	--	--	28.3
PuStSt	2.5	18.0	20.5	37.9	2.3	81.3
<b>Total</b>	<b>43.6</b>	<b>304.1</b>	<b>512.7</b>	<b>434.6</b>	<b>34.8</b>	<b>1,329.7</b>
<b>All counties</b>	<b>110.0</b>	<b>957.4</b>	<b>2,078.7</b>	<b>1,461.2</b>	<b>105.0</b>	<b>4,712.4</b>

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HaHeJoMaSh = Hancock, Hendricks, Johnson, Marion, and Shelby Counties  
JaLaNe = Jasper, Lake, and Newton Counties  
PuStSt = Pulaski, St. Joseph, and Starke Counties

Table IN-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, Indiana, 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)				
<b>Lower Wabash</b>										
Clay	9.4	--	71.2	73.0	153.6	40.0	--	273.2	295.0	608.2
Daviess, Knox	--	--	102.7	55.3	157.9	--	--	438.5	218.5	657.0
Gibson	--	0.0	22.1	40.5	62.6	--	--	84.7	167.6	252.3
Greene	7.2	0.0	127.9	84.0	219.1	28.7	--	522.9	316.7	868.3
Martin	3.7	0.6	104.9	200.0	309.2	13.5	2.9	436.7	805.1	1,258.2
Parke	--	--	88.4	109.1	197.5	--	--	357.9	439.4	797.3
Pike	16.4	--	57.5	43.7	117.6	74.2	--	213.9	177.6	465.6
Posey, Vanderburgh	--	--	101.6	52.9	154.5	--	--	415.3	228.7	644.0
Putnam	2.9	--	79.2	113.7	195.9	12.1	--	345.8	453.0	810.8
Sullivan	4.1	--	47.5	44.9	96.5	14.1	--	174.5	168.5	357.1
Vermillion	--	--	26.6	29.5	56.1	--	--	113.5	110.5	224.0
Vigo	--	0.1	58.9	44.3	103.2	--	--	217.6	158.9	376.5
<b>Total</b>	<b>43.7</b>	<b>0.8</b>	<b>888.6</b>	<b>890.8</b>	<b>1,823.8</b>	<b>182.6</b>	<b>2.9</b>	<b>3,594.4</b>	<b>3,539.4</b>	<b>7,319.3</b>
<b>Knobs</b>										
Brown	10.8	0.1	64.9	264.8	340.6	52.2	--	222.9	1,146.8	1,421.9
Clark, Scott	11.7	0.1	79.3	134.2	225.4	60.0	--	332.5	570.3	962.8
Crawford	5.0	4.8	48.5	153.3	211.6	17.3	7.7	181.6	610.1	816.6
Dubois	0.5	--	64.3	105.1	169.9	1.5	--	242.8	434.6	678.8
Floyd, Harrison	7.2	8.4	93.5	201.2	310.3	32.2	17.9	408.1	793.9	1,252.1
Jackson	7.3	0.8	98.2	146.0	252.3	30.1	3.8	381.5	579.7	995.0
Lawrence	9.2	1.8	102.8	145.0	258.8	41.8	2.8	422.0	569.2	1,035.9
Monroe	4.9	5.1	113.0	177.6	300.6	23.1	20.1	459.4	706.8	1,209.5
Morgan	3.1	0.1	159.8	132.6	295.7	13.4	0.7	720.6	563.1	1,297.8
Orange	14.9	6.4	91.8	159.4	272.5	69.0	19.5	371.6	611.3	1,071.5
Owen	6.9	0.2	164.1	145.4	316.5	32.7	0.9	690.0	626.0	1,349.7
Perry	17.9	3.8	65.7	221.0	308.4	86.1	10.2	208.2	862.9	1,167.5
Spencer	0.5	0.3	35.0	58.1	94.1	2.7	--	124.1	230.3	357.1
Warrick	12.4	--	51.7	85.7	149.7	59.1	--	178.8	343.2	581.1
Washington	2.1	2.2	78.1	161.5	243.9	10.2	5.8	346.9	685.7	1,048.5
<b>Total</b>	<b>114.5</b>	<b>34.1</b>	<b>1,310.6</b>	<b>2,291.1</b>	<b>3,750.2</b>	<b>531.6</b>	<b>89.4</b>	<b>5,290.8</b>	<b>9,333.8</b>	<b>15,245.6</b>

(Table IN-59 continued on next page)

(Table IN-59 continued)

Inventory unit and county	Growing stock					Sawtimber				
	Major species group					Major species group				
	Pine	Other softwoods	Soft hardwoods	Hard hardwoods	All species	Pine	Other softwoods	Soft hardwoods	Hard hardwoods	All species
	(In million cubic feet)					(In million board feet)				
<b>Upland Flats</b>										
Dearborn	0.1	14.0	29.8	75.1	119.0	--	46.5	94.5	261.9	402.9
Fayette, Union	--	1.6	41.0	71.4	113.9	--	3.9	165.1	295.3	464.4
Franklin	1.0	1.7	76.0	114.6	193.4	--	2.9	290.3	404.9	698.0
Jefferson	0.6	12.4	68.7	86.3	168.1	3.4	26.3	248.3	319.1	597.0
Jennings	8.4	1.6	99.0	146.7	255.6	37.6	6.5	401.0	588.3	1,033.3
Ohio, Switzerland	--	5.7	17.7	57.1	80.5	--	14.3	43.1	191.9	249.3
Ripley	3.0	1.7	106.4	101.6	212.7	16.0	4.1	414.9	433.9	868.9
<b>Total</b>	<b>13.1</b>	<b>38.6</b>	<b>438.6</b>	<b>652.8</b>	<b>1,143.1</b>	<b>57.0</b>	<b>104.6</b>	<b>1,657.1</b>	<b>2,495.2</b>	<b>4,313.8</b>
<b>Northern</b>										
AdHuWe	--	--	31.9	64.8	96.8	--	--	102.3	233.5	335.9
Allen	--	--	35.6	76.2	111.9	--	--	126.3	314.8	441.1
Batholomew	0.1	1.7	54.6	62.9	119.3	--	6.1	207.4	254.0	467.5
BeFoWa	--	--	51.9	55.2	107.2	--	--	192.8	218.4	411.2
BiDeGrMa	2.7	--	21.8	98.4	122.8	11.7	--	74.8	355.7	442.3
BoClHaTi	0.1	--	17.2	37.5	54.8	--	--	60.9	142.7	203.6
CaHoMiWa	10.8	--	76.2	97.6	184.6	50.3	--	285.4	364.1	699.8
CaTiWh	--	--	33.4	104.5	137.9	--	--	108.2	410.1	518.3
De Kalb, Steuben	0.4	--	58.6	105.0	164.0	--	--	201.7	407.3	609.0
DeHeRuWa	2.3	--	81.4	95.0	178.7	10.3	--	342.3	395.2	747.8
EINoWh	2.1	--	66.2	90.4	158.7	8.5	--	261.2	353.3	623.0
Fulton, Marshall	3.1	--	54.6	42.5	100.2	1.8	--	188.4	175.6	365.8
HaHeJoMaSh	1.6	0.0	62.2	102.1	165.8	4.9	--	247.3	391.3	643.5
JaLaNe	0.1	--	35.9	27.5	63.5	--	--	95.1	79.5	174.5
Jay, Randolph	--	--	22.0	74.8	96.8	--	--	73.9	268.7	342.6
Kosciusko	0.1	0.1	98.6	41.0	139.8	--	--	405.6	163.6	569.2
La Grange	10.2	0.4	29.2	24.3	64.1	43.0	--	113.8	86.3	243.1
La Porte	3.2	--	45.6	47.8	96.6	14.6	--	185.3	195.0	394.9
Montgomery	--	0.2	17.9	52.1	70.2	--	--	56.0	205.2	261.3
Porter	0.1	--	13.5	19.3	32.9	--	--	36.3	73.6	109.9
PuStSt	--	--	55.0	99.9	154.9	--	--	188.2	414.5	602.8
<b>Total</b>	<b>36.7</b>	<b>2.4</b>	<b>963.4</b>	<b>1,419.0</b>	<b>2,421.5</b>	<b>145.2</b>	<b>6.1</b>	<b>3,553.2</b>	<b>5,502.3</b>	<b>9,206.8</b>
<b>All counties</b>	<b>207.9</b>	<b>75.8</b>	<b>3,601.2</b>	<b>5,253.7</b>	<b>9,138.6</b>	<b>916.3</b>	<b>203.0</b>	<b>14,095.6</b>	<b>20,870.7</b>	<b>36,085.6</b>

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.

AdHuWe = Adams, Huntington, and Wells Counties  
BeFoWa = Benton, Fountain, and Warren Counties  
BiDeGrMa = Blackford, Delaware, Grant, and Madison Counties  
BoClHaTi = Boone, Clinton, Hamilton, and Tipton Counties  
CaHoMiWa = Cass, Howard, Miami, and Wabash Counties  
CaTiWh = Carroll, Tippecanoe, and White Counties  
DeHeRuWa = Decatur, Henry, Rush, and Wayne Counties  
EINoWh = Elkhart, Noble, and Whitley Counties  
HaHeJoMaSh = Hancock, Hendricks, Johnson, Marion, and Shelby Counties  
JaLaNe = Jasper, Lake, and Newton Counties  
PuStSt = Pulaski, St. Joseph, and Starke Counties

Table IN-59a.—Net volume of growing-stock trees (at least 5 inches d.b.h.), in million cubic feet, and sawtimber trees, in million board feet (Doyle rule), on timberland by inventory unit, county, and major species group, Indiana, 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)				
<b>Lower Wabash</b>										
Clay	9.4	--	71.2	73.0	153.6	23.7	--	186.5	226.4	436.7
Daviess, Knox	--	--	102.7	55.3	157.9	--	--	335.7	157.8	493.5
Gibson	--	0.0	22.1	40.5	62.6	--	--	58.8	104.5	163.3
Greene	7.2	0.0	127.9	84.0	219.1	15.9	--	371.2	197.7	584.8
Martin	3.7	0.6	104.9	200.0	309.2	8.2	1.6	295.2	550.7	855.7
Parke	--	--	88.4	109.1	197.5	--	--	258.0	286.9	544.9
Pike	16.4	--	57.5	43.7	117.6	50.5	--	139.3	116.2	306.0
Posey, Vanderburgh	--	--	101.6	52.9	154.5	--	--	329.5	181.6	511.1
Putnam	2.9	--	79.2	113.7	195.9	5.2	--	251.3	301.6	558.1
Sullivan	4.1	--	47.5	44.9	96.5	9.6	--	117.4	102.6	229.6
Vermillion	--	--	26.6	29.5	56.1	--	--	77.9	70.8	148.7
Vigo	--	0.1	58.9	44.3	103.2	--	--	163.5	121.7	285.2
<b>Total</b>	<b>43.7</b>	<b>0.8</b>	<b>888.6</b>	<b>890.8</b>	<b>1,823.8</b>	<b>113.1</b>	<b>1.6</b>	<b>2,584.2</b>	<b>2,418.6</b>	<b>5,117.5</b>
<b>Knobs</b>										
Brown	10.8	0.1	64.9	264.8	340.6	37.7	--	150.9	759.5	948.0
Clark, Scott	11.7	0.1	79.3	134.2	225.4	38.4	--	225.7	372.6	636.6
Crawford	5.0	4.8	48.5	153.3	211.6	8.2	3.3	115.4	369.5	496.4
Dubois	0.5	--	64.3	105.1	169.9	0.5	--	156.2	295.6	452.3
Floyd, Harrison	7.2	8.4	93.5	201.2	310.3	16.0	6.8	282.2	523.0	828.0
Jackson	7.3	0.8	98.2	146.0	252.3	21.7	2.3	258.6	365.9	648.5
Lawrence	9.2	1.8	102.8	145.0	258.8	28.2	1.2	294.0	389.4	712.8
Monroe	4.9	5.1	113.0	177.6	300.6	14.4	14.8	285.9	455.4	770.5
Morgan	3.1	0.1	159.8	132.6	295.7	5.2	0.3	567.4	399.4	972.3
Orange	14.9	6.4	91.8	159.4	272.5	42.9	10.3	252.7	399.3	705.3
Owen	6.9	0.2	164.1	145.4	316.5	24.4	0.3	482.3	421.0	928.0
Perry	17.9	3.8	65.7	221.0	308.4	55.9	5.4	133.7	547.4	742.3
Spencer	0.5	0.3	35.0	58.1	94.1	1.6	--	78.6	141.0	221.2
Warrick	12.4	--	51.7	85.7	149.7	34.3	--	125.9	246.5	406.7
Washington	2.1	2.2	78.1	161.5	243.9	4.9	2.2	258.7	460.5	726.3
<b>Total</b>	<b>114.5</b>	<b>34.1</b>	<b>1,310.6</b>	<b>2,291.1</b>	<b>3,750.2</b>	<b>334.1</b>	<b>46.9</b>	<b>3,668.2</b>	<b>6,145.9</b>	<b>10,195.2</b>

(Table IN-59a continued on next page)

(Table IN-59a continued)

Inventory unit and county	Growing stock					Sawtimber				
	Major species group					Major species group				
	Pine	Other softwoods	Soft hardwoods	Hard hardwoods	All species	Pine	Other softwoods	Soft hardwoods	Hard hardwoods	All species
	(In million cubic feet)					(In million board feet)				
<b>Upland Flats</b>										
Dearborn	0.1	14.0	29.8	75.1	119.0	--	24.4	57.4	168.5	250.4
Fayette, Union	--	1.6	41.0	71.4	113.9	--	1.6	131.9	198.8	332.3
Franklin	1.0	1.7	76.0	114.6	193.4	--	1.0	207.3	261.9	470.2
Jefferson	0.6	12.4	68.7	86.3	168.1	2.3	9.9	178.4	205.0	395.6
Jennings	8.4	1.6	99.0	146.7	255.6	22.1	4.2	277.5	395.4	699.3
Ohio, Switzerland	--	5.7	17.7	57.1	80.5	--	5.3	25.1	118.2	148.6
Ripley	3.0	1.7	106.4	101.6	212.7	12.6	2.0	263.2	289.5	567.3
<b>Total</b>	<b>13.1</b>	<b>38.6</b>	<b>438.6</b>	<b>652.8</b>	<b>1,143.1</b>	<b>37.0</b>	<b>48.4</b>	<b>1,140.9</b>	<b>1,637.2</b>	<b>2,863.5</b>
<b>Northern</b>										
AdHuWe	--	--	31.9	64.8	96.8	--	--	71.1	151.1	222.2
Allen	--	--	35.6	76.2	111.9	--	--	81.5	234.5	316.1
Batholomew	0.1	1.7	54.6	62.9	119.3	--	2.7	150.0	169.0	321.7
BeFoWa	--	--	51.9	55.2	107.2	--	--	170.5	144.6	315.1
BiDeGrMa	2.7	--	21.8	98.4	122.8	6.5	--	49.8	232.6	289.0
BoClHaTi	0.1	--	17.2	37.5	54.8	--	--	40.9	94.5	135.4
CaHoMiWa	10.8	--	76.2	97.6	184.6	35.0	--	189.6	244.1	468.7
CaTiWh	--	--	33.4	104.5	137.9	--	--	77.1	285.3	362.4
De Kalb, Steuben	0.4	--	58.6	105.0	164.0	--	--	136.9	279.6	416.5
DeHeRuWa	2.3	--	81.4	95.0	178.7	5.4	--	268.8	296.2	570.4
EINoWh	2.1	--	66.2	90.4	158.7	4.8	--	192.4	228.2	425.4
Fulton, Marshall	3.1	--	54.6	42.5	100.2	0.6	--	120.9	122.7	244.2
HaHeJoMaSh	1.6	0.0	62.2	102.1	165.8	1.7	--	180.1	272.1	453.9
JaLaNe	0.1	--	35.9	27.5	63.5	--	--	52.5	53.5	106.0
Jay, Randolph	--	--	22.0	74.8	96.8	--	--	51.0	190.1	241.1
Kosciusko	0.1	0.1	98.6	41.0	139.8	--	--	339.0	106.2	445.2
La Grange	10.2	0.4	29.2	24.3	64.1	19.5	--	78.1	55.0	152.6
La Porte	3.2	--	45.6	47.8	96.6	10.9	--	122.6	142.3	275.8
Montgomery	--	0.2	17.9	52.1	70.2	--	--	32.7	132.7	165.4
Porter	0.1	--	13.5	19.3	32.9	--	--	20.5	44.9	65.5
PuStSt	--	--	55.0	99.9	154.9	--	--	111.5	300.8	412.3
<b>Total</b>	<b>36.7</b>	<b>2.4</b>	<b>963.4</b>	<b>1,419.0</b>	<b>2,421.5</b>	<b>84.4</b>	<b>2.7</b>	<b>2,537.5</b>	<b>3,780.2</b>	<b>6,404.8</b>
<b>All counties</b>	<b>207.9</b>	<b>75.8</b>	<b>3,601.2</b>	<b>5,253.7</b>	<b>9,138.6</b>	<b>568.6</b>	<b>99.7</b>	<b>9,930.8</b>	<b>13,981.9</b>	<b>24,581.0</b>

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.

AdHuWe = Adams, Huntington, and Wells Counties

BeFoWa = Benton, Fountain, and Warren Counties

BiDeGrMa = Blackford, Delaware, Grant, and Madison Counties

BoClHaTi = Boone, Clinton, Hamilton, and Tipton Counties

CaHoMiWa = Cass, Howard, Miami, and Wabash Counties

CaTiWh = Carroll, Tippecanoe, and White Counties

DeHeRuWa = Decatur, Henry, Rush, and Wayne Counties

EINoWh = Elkhart, Noble, and Whitley Counties

HaHeJoMaSh = Hancock, Hendricks, Johnson, Marion, and Shelby Counties

JaLaNe = Jasper, Lake, and Newton Counties

PuStSt = Pulaski, St. Joseph, and Starke Counties

Table IN-59b.—Net volume of growing-stock trees (at least 5 inches d.b.h.), in million cubic feet, and sawtimber trees, in million board feet (Scribner rule), on timberland by inventory unit, county, and major species group, Indiana, 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)				
<b>Lower Wabash</b>										
Clay	9.4	--	71.2	73.0	153.6	34.1	--	244.7	268.9	547.7
Daviess, Knox	--	--	102.7	55.3	157.9	--	--	400.0	197.5	597.5
Gibson	--	0.0	22.1	40.5	62.6	--	--	76.3	148.9	225.1
Greene	7.2	0.0	127.9	84.0	219.1	24.1	--	471.3	281.0	776.4
Martin	3.7	0.6	104.9	200.0	309.2	11.6	2.5	392.3	723.4	1,129.7
Parke	--	--	88.4	109.1	197.5	--	--	323.5	392.1	715.6
Pike	16.4	--	57.5	43.7	117.6	64.8	--	189.8	158.9	413.6
Posey, Vanderburgh	--	--	101.6	52.9	154.5	--	--	380.0	209.3	589.3
Putnam	2.9	--	79.2	113.7	195.9	9.8	--	313.3	405.0	728.1
Sullivan	4.1	--	47.5	44.9	96.5	12.2	--	155.9	149.1	317.2
Vermillion	--	--	26.6	29.5	56.1	--	--	102.3	98.4	200.7
Vigo	--	0.1	58.9	44.3	103.2	--	--	197.1	144.7	341.9
<b>Total</b>	<b>43.7</b>	<b>0.8</b>	<b>888.6</b>	<b>890.8</b>	<b>1,823.8</b>	<b>156.5</b>	<b>2.5</b>	<b>3,246.6</b>	<b>3,177.2</b>	<b>6,582.8</b>
<b>Knobs</b>										
Brown	10.8	0.1	64.9	264.8	340.6	46.1	--	200.5	1,026.9	1,273.5
Clark, Scott	11.7	0.1	79.3	134.2	225.4	51.9	--	299.1	510.5	861.4
Crawford	5.0	4.8	48.5	153.3	211.6	14.2	6.2	161.4	539.1	720.9
Dubois	0.5	--	64.3	105.1	169.9	1.1	--	216.7	390.1	607.9
Floyd, Harrison	7.2	8.4	93.5	201.2	310.3	26.7	14.2	368.3	709.2	1,118.5
Jackson	7.3	0.8	98.2	146.0	252.3	26.4	3.2	341.5	515.1	886.3
Lawrence	9.2	1.8	102.8	145.0	258.8	36.4	2.3	379.7	511.1	929.5
Monroe	4.9	5.1	113.0	177.6	300.6	19.8	17.7	407.6	629.8	1,074.9
Morgan	3.1	0.1	159.8	132.6	295.7	10.7	0.6	658.8	508.9	1,179.0
Orange	14.9	6.4	91.8	159.4	272.5	59.3	16.3	332.7	545.5	953.8
Owen	6.9	0.2	164.1	145.4	316.5	28.9	0.7	622.1	562.5	1,214.2
Perry	17.9	3.8	65.7	221.0	308.4	74.6	8.6	185.5	767.1	1,035.8
Spencer	0.5	0.3	35.0	58.1	94.1	2.3	--	110.5	203.9	316.6
Warrick	12.4	--	51.7	85.7	149.7	50.2	--	160.3	309.2	519.6
Washington	2.1	2.2	78.1	161.5	243.9	8.4	4.6	316.2	615.0	944.2
<b>Total</b>	<b>114.5</b>	<b>34.1</b>	<b>1,310.6</b>	<b>2,291.1</b>	<b>3,750.2</b>	<b>457.1</b>	<b>74.4</b>	<b>4,760.8</b>	<b>8,343.7</b>	<b>13,636.1</b>

(Table 59b continued on next page)

(Table IN-59b continued)

Inventory unit and county	Growing stock					Sawtimber				
	Major species group					Major species group				
	Pine	Other softwoods	Soft hardwoods	Hard hardwoods	All species	Pine	Other softwoods	Soft hardwoods	Hard hardwoods	All species
	(In million cubic feet)					(In million board feet)				
<b>Upland Flats</b>										
Dearborn	0.1	14.0	29.8	75.1	119.0	--	38.9	83.5	232.6	355.0
Fayette, Union	--	1.6	41.0	71.4	113.9	--	3.1	152.4	264.8	420.3
Franklin	1.0	1.7	76.0	114.6	193.4	--	2.2	261.7	360.5	624.4
Jefferson	0.6	12.4	68.7	86.3	168.1	3.0	20.9	223.8	283.7	531.3
Jennings	8.4	1.6	99.0	146.7	255.6	32.0	5.7	360.7	527.1	925.5
Ohio, Switzerland	--	5.7	17.7	57.1	80.5	--	11.4	37.7	169.9	219.0
Ripley	3.0	1.7	106.4	101.6	212.7	14.4	3.4	369.1	389.2	776.2
<b>Total</b>	<b>13.1</b>	<b>38.6</b>	<b>438.6</b>	<b>652.8</b>	<b>1,143.1</b>	<b>49.4</b>	<b>85.6</b>	<b>1,488.9</b>	<b>2,227.9</b>	<b>3,851.7</b>
<b>Northern</b>										
AdHuWe	--	--	31.9	64.8	96.8	--	--	92.0	208.0	300.1
Allen	--	--	35.6	76.2	111.9	--	--	112.8	285.0	397.8
Batholomew	0.1	1.7	54.6	62.9	119.3	--	5.0	187.7	227.4	420.1
BeFoWa	--	--	51.9	55.2	107.2	--	--	177.3	195.6	372.9
BlDeGrMa	2.7	--	21.8	98.4	122.8	9.9	--	67.1	316.9	393.9
BoClHaTi	0.1	--	17.2	37.5	54.8	--	--	54.7	127.4	182.0
CaHoMiWa	10.8	--	76.2	97.6	184.6	44.0	--	255.2	326.2	625.5
CaTiWh	--	--	33.4	104.5	137.9	--	--	97.4	369.7	467.1
De Kalb, Steuben	0.4	--	58.6	105.0	164.0	--	--	180.4	366.4	546.8
DeHeRuWa	2.3	--	81.4	95.0	178.7	8.6	--	312.9	360.0	681.5
EINoWh	2.1	--	66.2	90.4	158.7	7.2	--	237.0	313.9	558.0
Fulton, Marshall	3.1	--	54.6	42.5	100.2	1.4	--	167.0	158.6	327.0
HaHeJoMaSh	1.6	0.0	62.2	102.1	165.8	3.8	--	224.0	351.5	579.3
JaLaNe	0.1	--	35.9	27.5	63.5	--	--	82.7	70.8	153.5
Jay, Randolph	--	--	22.0	74.8	96.8	--	--	66.6	242.2	308.7
Kosciusko	0.1	0.1	98.6	41.0	139.8	--	--	374.7	146.1	520.8
La Grange	10.2	0.4	29.2	24.3	64.1	35.1	--	102.3	77.0	214.4
La Porte	3.2	--	45.6	47.8	96.6	13.0	--	165.9	177.5	356.4
Montgomery	--	0.2	17.9	52.1	70.2	--	--	49.2	183.1	232.3
Porter	0.1	--	13.5	19.3	32.9	--	--	31.6	65.2	96.8
PuStSt	--	--	55.0	99.9	154.9	--	--	165.7	374.2	539.9
<b>Total</b>	<b>36.7</b>	<b>2.4</b>	<b>963.4</b>	<b>1,419.0</b>	<b>2,421.5</b>	<b>123.1</b>	<b>5.0</b>	<b>3,204.4</b>	<b>4,942.5</b>	<b>8,274.9</b>
<b>All counties</b>	<b>207.9</b>	<b>75.8</b>	<b>3,601.2</b>	<b>5,253.7</b>	<b>9,138.6</b>	<b>786.1</b>	<b>167.4</b>	<b>12,700.7</b>	<b>18,691.3</b>	<b>32,345.5</b>

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.

AdHuWe = Adams, Huntington, and Wells Counties

BeFoWa = Benton, Fountain, and Warren Counties

BlDeGrMa = Blackford, Delaware, Grant, and Madison Counties

BoClHaTi = Boone, Clinton, Hamilton, and Tipton Counties

CaHoMiWa = Cass, Howard, Miami, and Wabash Counties

CaTiWh = Carroll, Tippecanoe, and White Counties

DeHeRuWa = Decatur, Henry, Rush, and Wayne Counties

EINoWh = Elkhart, Noble, and Whitley Counties

HaHeJoMaSh = Hancock, Hendricks, Johnson, Marion, and Shelby Counties

JaLaNe = Jasper, Lake, and Newton Counties

PuStSt = Pulaski, St. Joseph, and Starke Counties



Table IN-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, Indiana, 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)				
<b>Lower Wabash</b>										
Clay	0.2	--	2.5	1.3	3.9	1.0	--	10.3	4.9	16.2
Daviess, Knox	--	--	4.8	1.0	5.8	--	--	22.0	3.0	25.0
Gibson	--	0.0	2.3	1.0	3.3	--	--	9.5	4.7	14.2
Greene	0.1	0.0	5.1	2.2	7.4	0.4	--	24.3	10.2	34.9
Martin	0.0	0.0	3.6	3.5	7.2	0.0	0.1	18.3	15.3	33.8
Parke	--	--	3.1	2.1	5.1	--	--	11.7	9.3	21.0
Pike	-1.2	--	1.7	1.0	1.5	-6.1	--	10.4	5.9	10.2
Posey, Vanderburgh	--	--	2.8	1.3	4.1	--	--	14.1	4.7	18.7
Putnam	0.5	--	3.5	4.1	8.1	3.1	--	15.7	18.1	36.9
Sullivan	0.0	--	1.1	1.5	2.6	0.3	--	6.5	5.1	11.8
Vermillion	--	--	0.4	0.5	0.9	--	--	1.8	1.8	3.6
Vigo	--	--	2.2	1.6	3.8	--	--	10.7	5.6	16.3
<b>Total</b>	-0.5	0.0	33.2	21.1	53.8	-1.4	0.1	155.2	88.5	242.4
<b>Knobs</b>										
Brown	0.0	0.0	1.8	5.5	7.3	--	--	7.3	28.1	35.4
Clark, Scott	-0.7	0.0	2.1	0.3	1.8	-3.3	--	10.9	0.1	7.7
Crawford	0.1	0.0	0.3	2.0	2.4	0.9	-0.1	3.1	9.5	13.4
Dubois	0.0	--	1.3	0.6	1.9	0.0	--	6.2	2.1	8.4
Floyd, Harrison	-0.5	0.1	0.8	1.3	1.6	-2.3	0.3	3.5	1.4	2.8
Jackson	0.3	0.0	2.5	2.2	5.0	2.1	0.0	12.3	9.5	23.9
Lawrence	0.2	0.0	2.8	2.9	5.8	0.9	0.0	16.1	14.6	31.7
Monroe	0.2	0.0	4.4	3.8	8.4	1.5	0.2	23.9	19.5	45.1
Morgan	0.0	--	4.6	2.5	7.1	0.1	--	23.1	13.0	36.2
Orange	-0.7	0.1	2.4	2.7	4.5	-2.1	0.6	13.6	11.5	23.5
Owen	0.1	--	3.7	3.1	7.0	0.5	--	17.9	14.6	33.0
Perry	1.1	0.1	2.1	4.0	7.3	5.8	0.2	10.2	17.8	34.1
Spencer	0.0	0.0	1.1	3.2	4.4	0.2	--	5.3	14.4	20.0
Warrick	0.0	--	1.6	2.3	3.9	0.0	--	7.7	10.6	18.3
Washington	-0.7	0.0	1.5	2.7	3.5	-3.5	0.1	5.7	16.2	18.5
<b>Total</b>	-0.6	0.4	32.9	39.2	71.8	0.9	1.2	166.9	183.0	352.0

(Table IN-60 continued on next page)

(Table IN-60 continued)

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)				
<b>Upland Flats</b>										
Dearborn	0.0	0.4	0.2	2.3	3.0	--	1.8	1.2	9.0	12.1
Fayette, Union	--	0.0	0.7	2.2	3.0	--	0.1	2.5	10.2	12.8
Franklin	--	0.1	2.6	3.0	5.6	--	0.3	10.5	13.3	24.1
Jefferson	--	0.1	1.5	2.0	3.6	--	0.2	3.7	10.3	14.1
Jennings	0.4	0.0	2.4	3.5	6.3	2.1	--	12.1	14.2	28.5
Ohio, Switzerland	--	0.2	0.8	1.4	2.5	--	1.4	3.0	5.3	9.7
Ripley	--	0.1	2.4	4.1	6.6	--	--	11.8	18.9	30.7
<b>Total</b>	<b>0.4</b>	<b>1.0</b>	<b>10.7</b>	<b>18.5</b>	<b>30.7</b>	<b>2.1</b>	<b>3.8</b>	<b>44.8</b>	<b>81.3</b>	<b>132.0</b>
<b>Northern</b>										
AdHuWe	--	--	1.0	1.0	2.0	--	--	5.2	6.7	11.9
Allen	--	--	1.0	3.9	4.9	--	--	3.5	17.5	21.0
Batholomew	0.0	0.1	1.9	1.7	3.7	--	0.5	6.3	9.2	16.0
BeFoWa	--	--	1.0	1.5	2.5	--	--	4.3	6.0	10.3
BIDeGrMa	-0.1	--	0.2	1.8	1.9	-0.1	--	2.0	7.3	9.1
BoClHaTi	0.0	--	0.3	0.9	1.3	--	--	1.2	4.3	5.4
CaHoMiWa	0.4	--	1.3	1.8	3.5	1.9	--	6.2	5.6	13.7
CaTiWh	--	--	-0.2	3.2	2.9	--	--	-0.3	14.9	14.6
De Kalb, Steuben	0.0	--	1.7	1.5	3.3	--	--	8.3	5.9	14.2
DeHeRuWa	--	--	1.8	2.0	3.8	--	--	6.7	9.7	16.4
EINoWh	0.0	--	2.4	2.6	5.0	0.3	--	11.1	9.6	20.9
Fulton, Marshall	0.6	--	1.6	0.8	3.0	0.2	--	6.1	2.4	8.7
HaHeJoMaSh	0.2	0.0	-0.9	2.2	1.5	1.6	--	-4.4	11.4	8.6
JaLaNe	-0.1	--	1.3	-0.2	1.0	-0.3	--	5.0	-2.2	2.5
Jay, Randolph	--	--	0.9	0.1	1.0	--	--	3.7	1.2	4.9
Kosciusko	0.0	0.0	2.9	1.6	4.5	--	--	13.6	6.1	19.7
La Grange	0.4	0.0	1.3	0.7	2.4	3.4	--	7.8	2.1	13.3
La Porte	0.0	--	1.4	1.9	3.3	--	--	5.2	8.3	13.5
Montgomery	--	0.0	0.8	2.0	2.8	--	--	2.4	9.7	12.0
Porter	0.0	--	0.7	1.3	2.0	--	--	2.6	4.2	6.9
PuStSt	--	--	2.0	2.9	4.8	--	--	9.6	14.7	24.3
<b>Total</b>	<b>1.6</b>	<b>0.1</b>	<b>24.6</b>	<b>35.0</b>	<b>61.3</b>	<b>7.0</b>	<b>0.5</b>	<b>106.0</b>	<b>154.5</b>	<b>267.9</b>
<b>All counties</b>	<b>0.9</b>	<b>1.5</b>	<b>101.4</b>		<b>217.6</b>	<b>8.6</b>	<b>5.6</b>	<b>472.9</b>	<b>507.3</b>	<b>994.4</b>

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.

AdHuWe = Adams, Huntington, and Wells Counties  
BeFoWa = Benton, Fountain, and Warren Counties  
BIDeGrMa = Blackford, Delaware, Grant, and Madison Counties  
BoClHaTi = Boone, Clinton, Hamilton, and Tipton Counties  
CaHoMiWa = Cass, Howard, Miami, and Wabash Counties  
CaTiWh = Carroll, Tippecanoe, and White Counties  
DeHeRuWa = Decatur, Henry, Rush, and Wayne Counties  
EINoWh = Elkhart, Noble, and Whitley Counties  
HaHeJoMaSh = Hancock, Hendricks, Johnson, Marion, and Shelby Counties  
JaLaNe = Jasper, Lake, and Newton Counties  
PuStSt = Pulaski, St. Joseph, and Starke Counties

Table IN-60a. -- 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 (Doyle rule), on timberland by inventory unit, county, and major species group, Indiana, 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)				
<b>Lower Wabash</b>										
Clay	0.2	--	2.5	1.3	3.9	0.6	--	5.6	3.8	10.0
Daviess, Knox	--	--	4.8	1.0	5.8	--	--	16.1	2.4	18.5
Gibson	--	0.0	2.3	1.0	3.3	--	--	6.4	3.1	9.4
Greene	0.1	0.0	5.1	2.2	7.4	0.3	--	13.9	5.7	19.9
Martin	0.0	0.0	3.6	3.5	7.2	0.0	0.1	10.8	9.0	19.8
Parke	--	--	3.1	2.1	5.1	--	--	7.9	5.3	13.2
Pike	-1.2	--	1.7	1.0	1.5	-5.3	--	5.8	3.4	3.8
Posey, Vanderburgh	--	--	2.8	1.3	4.1	--	--	9.2	3.6	12.8
Putnam	0.5	--	3.5	4.1	8.1	1.3	--	10.4	11.0	22.7
Sullivan	0.0	--	1.1	1.5	2.6	0.1	--	3.7	2.8	6.5
Vermillion	--	--	0.4	0.5	0.9	--	--	0.9	1.0	1.9
Vigo	--	--	2.2	1.6	3.8	--	--	6.9	3.6	10.6
<b>Total</b>	-0.5	0.0	33.2	21.1	53.8	-3.0	0.1	97.7	54.7	149.4
<b>Knobs</b>										
Brown	0.0	0.0	1.8	5.5	7.3	--	--	4.7	17.4	22.2
Clark, Scott	-0.7	0.0	2.1	0.3	1.8	-1.9	--	6.6	-1.3	3.4
Crawford	0.1	0.0	0.3	2.0	2.4	0.4	-0.1	-0.1	1.5	1.8
Dubois	0.0	--	1.3	0.6	1.9	0.0	--	3.3	0.4	3.7
Floyd, Harrison	-0.5	0.1	0.8	1.3	1.6	-1.4	0.1	1.0	0.4	0.1
Jackson	0.3	0.0	2.5	2.2	5.0	1.1	0.0	7.7	5.9	14.7
Lawrence	0.2	0.0	2.8	2.9	5.8	0.5	0.0	8.7	8.7	17.9
Monroe	0.2	0.0	4.4	3.8	8.4	0.7	0.2	13.4	10.2	24.5
Morgan	0.0	--	4.6	2.5	7.1	0.0	--	16.4	8.3	24.7
Orange	-0.7	0.1	2.4	2.7	4.5	-2.8	0.3	7.8	6.3	11.5
Owen	0.1	--	3.7	3.1	7.0	0.2	--	10.7	8.7	19.7
Perry	1.1	0.1	2.1	4.0	7.3	3.8	0.1	5.4	9.8	19.1
Spencer	0.0	0.0	1.1	3.2	4.4	0.1	--	3.4	8.0	11.5
Warrick	0.0	--	1.6	2.3	3.9	0.0	--	4.7	6.9	11.6
Washington	-0.7	0.0	1.5	2.7	3.5	-2.8	0.0	4.5	8.1	9.9
<b>Total</b>	-0.6	0.4	32.9	39.2	71.8	-1.9	0.6	98.1	99.3	196.2

(Table 60a continued on next page)

(Table IN-60a continued)

Inventory unit and county	Growing stock					Sawtimber				
	Major species group					Major species group				
	Pine	Other softwoods	Soft hardwoods	Hard hardwoods	All species	Pine	Other softwoods	Soft hardwoods	Hard hardwoods	All species
	(In million cubic feet)					(In million board feet)				
<b>Upland Flats</b>										
Dearborn	0.0	0.4	0.2	2.3	3.0	--	0.8	0.7	5.2	6.7
Fayette, Union	--	0.0	0.7	2.2	3.0	--	0.0	2.2	6.1	8.4
Franklin	--	0.1	2.6	3.0	5.6	--	0.1	6.9	6.9	13.9
Jefferson	--	0.1	1.5	2.0	3.6	--	0.1	2.4	5.8	8.2
Jennings	0.4	0.0	2.4	3.5	6.3	1.3	--	6.3	9.0	16.5
Ohio, Switzerland	--	0.2	0.8	1.4	2.5	--	0.5	1.6	3.1	5.2
Ripley	--	0.1	2.4	4.1	6.6	--	--	7.0	13.0	20.0
<b>Total</b>	<b>0.4</b>	<b>1.0</b>	<b>10.7</b>	<b>18.5</b>	<b>30.7</b>	<b>1.3</b>	<b>1.5</b>	<b>27.1</b>	<b>49.0</b>	<b>79.0</b>
<b>Northern</b>										
AdHuWe	--	--	1.0	1.0	2.0	--	--	2.6	3.9	6.6
Allen	--	--	1.0	3.9	4.9	--	--	2.0	11.8	13.8
Batholomew	0.0	0.1	1.9	1.7	3.7	--	0.2	4.0	5.6	9.8
BeFoWa	--	--	1.0	1.5	2.5	--	--	2.7	4.1	6.9
BIDeGrMa	-0.1	--	0.2	1.8	1.9	-0.1	--	1.3	4.1	5.3
BoClHaTi	0.0	--	0.3	0.9	1.3	--	--	0.7	2.4	3.1
CaHoMiWa	0.4	--	1.3	1.8	3.5	1.4	--	4.5	4.1	9.9
CaTiWh	--	--	-0.2	3.2	2.9	--	--	-1.4	9.0	7.5
De Kalb, Steuben	0.0	--	1.7	1.5	3.3	--	--	4.5	3.5	7.9
DeHeRuWa	--	--	1.8	2.0	3.8	--	--	4.8	6.1	10.9
EINoWh	0.0	--	2.4	2.6	5.0	0.2	--	7.3	5.4	12.9
Fulton, Marshall	0.6	--	1.6	0.8	3.0	0.1	--	3.5	1.2	4.8
HaHeJoMaSh	0.2	0.0	-0.9	2.2	1.5	0.5	--	-9.1	6.4	-2.1
JaLaNe	-0.1	--	1.3	-0.2	1.0	-0.2	--	2.6	-2.5	0.0
Jay, Randolph	--	--	0.9	0.1	1.0	--	--	2.2	-1.7	0.5
Kosciusko	0.0	0.0	2.9	1.6	4.5	--	--	10.2	3.6	13.8
La Grange	0.4	0.0	1.3	0.7	2.4	1.4	--	4.8	1.2	7.5
La Porte	0.0	--	1.4	1.9	3.3	--	--	3.2	5.7	8.8
Montgomery	--	0.0	0.8	2.0	2.8	--	--	1.3	5.3	6.6
Porter	0.0	--	0.7	1.3	2.0	--	--	1.9	2.1	4.0
PuStSt	--	--	2.0	2.9	4.8	--	--	4.8	9.0	13.8
<b>Total</b>	<b>1.6</b>	<b>0.1</b>	<b>24.6</b>	<b>35.0</b>	<b>61.3</b>	<b>3.4</b>	<b>0.2</b>	<b>58.3</b>	<b>90.3</b>	<b>152.1</b>
<b>All counties</b>	<b>0.9</b>	<b>1.5</b>	<b>101.4</b>	<b>113.8</b>	<b>217.6</b>	<b>-0.3</b>	<b>2.4</b>	<b>281.2</b>	<b>293.3</b>	<b>576.6</b>

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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.

AdHuWe = Adams, Huntington, and Wells Counties

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DeHeRuWa = Decatur, Henry, Rush, and Wayne Counties

EINoWh = Elkhart, Noble, and Whitley Counties

HaHeJoMaSh = Hancock, Hendricks, Johnson, Marion, and Shelby Counties

JaLaNe = Jasper, Lake, and Newton Counties

PuStSt = Pulaski, St. Joseph, and Starke Counties

Table IN-60b.—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 (Scribner rule), on timberland by inventory unit, county, and major species group, Indiana, 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)				
<b>Lower Wabash</b>										
Clay	0.2	--	2.5	1.3	3.9	0.9	--	8.9	4.4	14.2
Daviess, Knox	--	--	4.8	1.0	5.8	--	--	19.9	2.8	22.7
Gibson	--	0.0	2.3	1.0	3.3	--	--	8.5	4.2	12.7
Greene	0.1	0.0	5.1	2.2	7.4	0.4	--	20.5	8.9	29.8
Martin	0.0	0.0	3.6	3.5	7.2	0.0	0.1	16.1	13.4	29.6
Parke	--	--	3.1	2.1	5.1	--	--	10.4	8.1	18.6
Pike	-1.2	--	1.7	1.0	1.5	-5.6	--	9.0	5.1	8.5
Posey, Vanderburgh	--	--	2.8	1.3	4.1	--	--	11.6	4.3	15.9
Putnam	0.5	--	3.5	4.1	8.1	2.5	--	14.0	16.0	32.5
Sullivan	0.0	--	1.1	1.5	2.6	0.2	--	5.7	4.4	10.3
Vermillion	--	--	0.4	0.5	0.9	--	--	1.6	1.5	3.1
Vigo	--	--	2.2	1.6	3.8	--	--	9.5	5.0	14.5
<b>Total</b>	-0.5	0.0	33.2	21.1	53.8	-1.7	0.1	135.7	78.1	212.3
<b>Knobs</b>										
Brown	0.0	0.0	1.8	5.5	7.3	--	--	6.8	25.6	32.4
Clark, Scott	-0.7	0.0	2.1	0.3	1.8	-2.8	--	9.6	-0.2	6.6
Crawford	0.1	0.0	0.3	2.0	2.4	0.7	-0.1	2.3	7.4	10.4
Dubois	0.0	--	1.3	0.6	1.9	0.0	--	5.4	1.7	7.0
Floyd, Harrison	-0.5	0.1	0.8	1.3	1.6	-2.0	0.2	2.8	0.8	1.8
Jackson	0.3	0.0	2.5	2.2	5.0	1.8	0.0	10.9	8.4	21.1
Lawrence	0.2	0.0	2.8	2.9	5.8	0.8	0.0	13.9	12.8	27.5
Monroe	0.2	0.0	4.4	3.8	8.4	1.2	0.2	21.2	16.8	39.4
Morgan	0.0	--	4.6	2.5	7.1	0.1	--	20.7	11.5	32.3
Orange	-0.7	0.1	2.4	2.7	4.5	-2.2	0.5	11.8	10.0	20.1
Owen	0.1	--	3.7	3.1	7.0	0.4	--	15.7	12.8	28.9
Perry	1.1	0.1	2.1	4.0	7.3	5.1	0.1	8.8	15.4	29.5
Spencer	0.0	0.0	1.1	3.2	4.4	0.2	--	4.7	12.1	17.1
Warrick	0.0	--	1.6	2.3	3.9	0.0	--	6.8	9.4	16.2
Washington	-0.7	0.0	1.5	2.7	3.5	-3.1	0.1	5.3	13.8	16.0
<b>Total</b>	-0.6	0.4	32.9	39.2	71.8	0.1	1.0	146.8	158.4	306.3

(Table IN-60b continued on next page)

(Table IN-60b continued)

Inventory unit and county	Growing stock					Sawtimber				
	Major species group					Major species group				
	Pine	Other softwoods	Soft hardwoods	Hard hardwoods	All species	Pine	Other softwoods	Soft hardwoods	Hard hardwoods	All species
	(In million cubic feet)					(In million board feet)				
<b>Upland Flats</b>										
Dearborn	0.0	0.4	0.2	2.3	3.0	--	1.5	1.1	7.9	10.4
Fayette, Union	--	0.0	0.7	2.2	3.0	--	0.1	2.3	9.0	11.4
Franklin	--	0.1	2.6	3.0	5.6	--	0.3	9.3	11.1	20.7
Jefferson	--	0.1	1.5	2.0	3.6	--	0.1	3.3	9.0	12.3
Jennings	0.4	0.0	2.4	3.5	6.3	1.8	--	10.4	12.6	24.8
Ohio, Switzerland	--	0.2	0.8	1.4	2.5	--	1.1	2.6	4.6	8.3
Ripley	--	0.1	2.4	4.1	6.6	--	--	10.4	17.0	27.4
<b>Total</b>	0.4	1.0	10.7	18.5	30.7	1.8	3.0	39.4	71.3	115.5
<b>Northern</b>										
AdHuWe	--	--	1.0	1.0	2.0	--	--	4.1	5.9	10.0
Allen	--	--	1.0	3.9	4.9	--	--	3.0	15.7	18.7
Batholomew	0.0	0.1	1.9	1.7	3.7	--	0.4	5.6	8.1	14.1
BeFoWa	--	--	1.0	1.5	2.5	--	--	3.7	5.4	9.1
BlDeGrMa	-0.1	--	0.2	1.8	1.9	-0.1	--	1.7	6.4	8.0
BoClHaTi	0.0	--	0.3	0.9	1.3	--	--	1.0	3.7	4.8
CaHoMiWa	0.4	--	1.3	1.8	3.5	1.7	--	6.0	5.4	13.1
CaTiWh	--	--	-0.2	3.2	2.9	--	--	-0.5	13.1	12.6
De Kalb, Steuben	0.0	--	1.7	1.5	3.3	--	--	7.2	5.2	12.3
DeHeRuWa	--	--	1.8	2.0	3.8	--	--	6.0	8.6	14.6
EINoWh	0.0	--	2.4	2.6	5.0	0.3	--	9.8	8.3	18.4
Fulton, Marshall	0.6	--	1.6	0.8	3.0	0.2	--	5.3	2.0	7.5
HaHeJoMaSh	0.2	0.0	-0.9	2.2	1.5	1.2	--	-4.7	9.9	6.4
JaLaNe	-0.1	--	1.3	-0.2	1.0	-0.3	--	4.3	-2.2	1.8
Jay, Randolph	--	--	0.9	0.1	1.0	--	--	3.2	0.7	3.9
Kosciusko	0.0	0.0	2.9	1.6	4.5	--	--	12.4	5.3	17.7
La Grange	0.4	0.0	1.3	0.7	2.4	2.8	--	6.9	1.8	11.5
La Porte	0.0	--	1.4	1.9	3.3	--	--	4.6	7.5	12.0
Montgomery	--	0.0	0.8	2.0	2.8	--	--	2.0	8.4	10.4
Porter	0.0	--	0.7	1.3	2.0	--	--	2.8	3.6	6.4
PuStSt	--	--	2.0	2.9	4.8	--	--	7.9	12.7	20.6
<b>Total</b>	1.6	0.1	24.6	35.0	61.3	5.7	0.4	92.4	135.4	233.9
<b>All counties</b>	0.9	1.5	101.4	113.8	217.6	6.0	4.5	414.3	443.3	868.0

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.

AdHuWe = Adams, Huntington, and Wells Counties  
BeFoWa = Benton, Fountain, and Warren Counties  
BlDeGrMa = Blackford, Delaware, Grant, and Madison Counties  
BoClHaTi = Boone, Clinton, Hamilton, and Tipton Counties  
CaHoMiWa = Cass, Howard, Miami, and Wabash Counties  
CaTiWh = Carroll, Tippecanoe, and White Counties  
DeHeRuWa = Decatur, Henry, Rush, and Wayne Counties  
EINoWh = Elkhart, Noble, and Whitley Counties  
HaHeJoMaSh = Hancock, Hendricks, Johnson, Marion, and Shelby Counties  
JaLaNe = Jasper, Lake, and Newton Counties  
PuStSt = Pulaski, St. Joseph, and Starke Counties

Table IN-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, Indiana, 2013

Inventory unit and county	Growing stock					Sawtimber				
	Major species group					Major species group				
	Pine	Other softwoods	Soft hardwoods	Hard hardwoods	All species	Pine	Other softwoods	Soft hardwoods	Hard hardwoods	All species
	(In million cubic feet)					(In million board feet)				
<b>Lower Wabash</b>										
Clay	--	--	0.8	1.2	2.0	--	--	2.7	5.7	8.4
Daviess, Knox	--	--	0.0	0.4	0.5	--	--	--	2.0	2.0
Gibson	--	--	0.6	0.9	1.5	--	--	2.2	4.0	6.2
Greene	--	--	1.5	0.3	1.9	--	--	4.2	1.5	5.7
Martin	--	--	1.6	2.2	3.8	--	--	7.5	10.2	17.7
Parke	--	--	0.8	1.9	2.7	--	--	3.3	7.9	11.1
Pike	0.3	--	0.2	0.0	0.5	1.4	--	0.7	--	2.1
Posey, Vanderburgh	--	--	3.8	4.1	7.9	--	--	15.2	16.7	31.8
Putnam	0.1	--	2.4	1.5	4.0	--	--	11.9	7.3	19.2
Sullivan	--	--	1.8	0.9	2.7	--	--	9.5	3.7	13.1
Vigo	--	--	0.0	--	0.0	--	--	--	--	--
<b>Total</b>	<b>0.3</b>	<b>--</b>	<b>13.6</b>	<b>13.6</b>	<b>27.5</b>	<b>1.4</b>	<b>--</b>	<b>57.2</b>	<b>58.8</b>	<b>117.5</b>
<b>Knobs</b>										
Brown	--	--	1.2	0.5	1.7	--	--	5.6	1.7	7.4
Clark, Scott	--	--	0.1	2.5	2.5	--	--	--	10.2	10.2
Crawford	--	--	0.0	2.5	2.6	--	--	--	12.0	12.0
Dubois	--	--	1.6	5.3	6.9	--	--	7.3	24.2	31.5
Floyd, Harrison	--	0.0	0.1	2.6	2.7	--	--	--	12.2	12.2
Jackson	--	--	3.8	1.6	5.4	--	--	19.8	7.5	27.3
Lawrence	--	--	1.7	0.0	1.7	--	--	7.9	--	7.9
Orange	--	--	0.2	0.9	1.0	--	--	0.8	3.9	4.7
Owen	0.0	--	0.7	0.0	0.8	--	--	1.7	--	1.7
Perry	0.5	--	--	1.4	1.9	2.7	--	--	6.2	9.0
Spencer	--	--	--	2.4	2.4	--	--	--	10.3	10.3
Warrick	--	--	--	0.7	0.7	--	--	--	3.2	3.2
Washington	--	--	0.6	0.8	1.3	--	--	3.0	3.6	6.6
<b>Total</b>	<b>0.6</b>	<b>0.0</b>	<b>9.9</b>	<b>21.2</b>	<b>31.7</b>	<b>2.7</b>	<b>--</b>	<b>46.1</b>	<b>95.0</b>	<b>143.9</b>
<b>Upland Flats</b>										
Dearborn	--	--	0.1	0.0	0.1	--	--	--	--	--
Fayette, Union	--	--	0.1	0.1	0.2	--	--	0.6	--	0.6
Franklin	--	--	--	1.6	1.6	--	--	--	6.8	6.8
Jennings	--	--	0.0	0.6	0.6	--	--	--	2.8	2.8
Ohio, Switzerland	--	--	0.1	0.0	0.1	--	--	--	--	--
<b>Total</b>	<b>--</b>	<b>--</b>	<b>0.3</b>	<b>2.4</b>	<b>2.6</b>	<b>--</b>	<b>--</b>	<b>0.6</b>	<b>9.6</b>	<b>10.2</b>

(Table IN-61 continued on next page)

(Table IN-61 continued)

Inventory unit and county	Growing stock					Sawtimber				
	Major species group					Major species group				
	Pine	Other softwoods	Soft hardwoods	Hard hardwoods	All species	Pine	Other softwoods	Soft hardwoods	Hard hardwoods	All species
	(In million cubic feet)					(In million board feet)				
<b>Northern</b>										
AdHuWe	--	--	0.1	0.5	0.6	--	--	0.4	2.0	2.4
Allen	--	--	1.1	1.3	2.3	--	--	4.4	5.4	9.8
Batholomew	--	--	0.2	2.1	2.2	--	--	0.4	8.9	9.3
BeFoWa	--	--	0.5	0.2	0.7	--	--	2.0	1.2	3.2
BIDeGrMa	--	--	0.2	0.2	0.4	--	--	0.6	0.8	1.3
CaTiWh	--	--	0.1	--	0.1	--	--	--	--	--
De Kalb, Steuben	--	--	--	0.2	0.2	--	--	--	1.0	1.0
DeHeRuWa	--	--	1.9	0.2	2.0	--	--	7.9	0.9	8.8
EINoWh	--	--	0.1	0.0	0.1	--	--	--	--	--
Fulton, Marshall	--	--	0.0	0.3	0.4	--	--	--	1.5	1.5
HaHeJoMaSh	--	--	--	0.1	0.1	--	--	--	--	--
JaLaNe	--	--	0.3	--	0.3	--	--	1.1	--	1.1
Kosciusko	--	--	0.0	0.0	0.1	--	--	--	--	--
La Grange	0.8	--	0.6	--	1.4	1.2	--	1.9	--	3.1
La Porte	--	--	--	0.2	0.2	--	--	--	1.2	1.2
Porter	--	--	--	0.2	0.2	--	--	--	1.0	1.0
PuStSt	--	--	0.3	0.1	0.4	--	--	0.4	0.4	0.7
<b>Total</b>	<b>0.8</b>	<b>--</b>	<b>5.3</b>	<b>5.6</b>	<b>11.8</b>	<b>1.2</b>	<b>--</b>	<b>19.1</b>	<b>24.2</b>	<b>44.5</b>
<b>All counties</b>	<b>1.7</b>	<b>0.0</b>	<b>29.1</b>	<b>42.7</b>	<b>73.6</b>	<b>5.4</b>	<b>--</b>	<b>122.9</b>	<b>187.7</b>	<b>316.0</b>

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.

AdHuWe = Adams, Huntington, and Wells Counties

BeFoWa = Benton, Fountain, and Warren Counties

BIDeGrMa = Blackford, Delaware, Grant, and Madison Counties

BoClHaTi = Boone, Clinton, Hamilton, and Tipton Counties

CaHoMiWa = Cass, Howard, Miami, and Wabash Counties

CaTiWh = Carroll, Tippecanoe, and White Counties

DeHeRuWa = Decatur, Henry, Rush, and Wayne Counties

EINoWh = Elkhart, Noble, and Whitley Counties

HaHeJoMaSh = Hancock, Hendricks, Johnson, Marion, and Shelby Counties

JaLaNe = Jasper, Lake, and Newton Counties

PuStSt = Pulaski, St. Joseph, and Starke Counties



Table IN-61a.—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 (Doyle rule), on timberland by inventory unit, county, and major species group, Indiana, 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)				
<b>Lower Wabash</b>										
Clay	--	--	0.8	1.2	2.0	--	--	1.6	4.7	6.3
Daviess, Knox	--	--	0.0	0.4	0.5	--	--	--	1.4	1.4
Gibson	--	--	3.3	0.9	4.2	--	--	6.6	4.5	11.1
Greene	--	--	1.5	0.3	1.9	--	--	1.5	1.0	2.5
Martin	--	--	1.6	2.2	3.8	--	--	6.0	7.6	13.6
Parke	--	--	0.8	1.9	2.7	--	--	2.0	5.3	7.3
Pike	0.3	--	0.2	0.0	0.5	0.6	--	0.4	--	1.0
Posey, Vanderburgh	--	--	3.8	4.1	7.9	--	--	10.6	16.1	26.7
Putnam	0.1	--	2.4	1.5	4.0	--	--	9.3	5.2	14.5
Sullivan	--	--	1.8	0.9	2.7	--	--	7.2	2.2	9.4
Vigo	--	--	0.0	--	0.0	--	--	--	--	--
<b>Total</b>	0.3	--	16.4	13.6	30.3	0.6	--	45.3	48.1	93.9
<b>Knobs</b>										
Brown	--	--	1.2	0.5	1.7	--	--	4.2	1.3	5.4
Clark, Scott	--	--	0.1	2.5	2.5	--	--	--	7.9	7.9
Crawford	--	--	0.0	2.5	2.6	--	--	--	8.5	8.5
Dubois	--	--	1.6	5.3	6.9	--	--	6.1	16.8	22.9
Floyd, Harrison	--	0.0	0.1	2.6	2.7	--	--	--	7.9	7.9
Jackson	--	--	3.8	1.6	5.4	--	--	15.9	5.4	21.3
Lawrence	--	--	1.7	0.0	1.7	--	--	6.6	--	6.6
Orange	--	--	0.2	0.9	1.0	--	--	0.3	2.7	3.0
Owen	0.0	--	0.7	0.0	0.8	--	--	0.9	--	0.9
Perry	0.5	--	--	1.4	1.9	1.6	--	--	5.6	7.2
Spencer	--	--	--	2.4	2.4	--	--	--	6.3	6.3
Warrick	--	--	--	0.7	0.7	--	--	--	2.0	2.0
Washington	--	--	0.6	0.8	1.3	--	--	2.4	2.6	5.0
<b>Total</b>	0.6	0.0	9.9	21.2	31.7	1.6	--	36.3	67.0	104.9

(Table IN-61a continued on next page)

(Table IN-61a 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)				
<b>Upland Flats</b>										
Dearborn	--	--	0.1	0.0	0.1	--	--	--	--	--
Fayette, Union	--	--	0.1	0.1	0.2	--	--	0.2	--	0.2
Franklin	--	--	--	1.6	1.6	--	--	--	4.7	4.7
Jennings	--	--	0.0	0.6	0.6	--	--	--	1.8	1.8
Ohio, Sw itzerland	--	--	0.1	0.0	0.1	--	--	--	--	--
<b>Total</b>	--	--	0.3	2.4	2.6	--	--	0.2	6.4	6.7
<b>Northern</b>										
AdHuWe	--	--	0.1	0.5	0.6	--	--	--	1.4	1.4
Allen	--	--	1.1	1.3	2.3	--	--	4.5	4.4	8.9
Batholomew	--	--	0.2	2.1	2.2	--	--	0.2	6.6	6.8
BeFoWa	--	--	0.5	0.2	0.7	--	--	1.4	0.6	2.0
BiDeGrMa	--	--	0.2	0.2	0.4	--	--	0.2	0.3	0.6
CaTiWh	--	--	0.1	--	0.1	--	--	--	--	--
De Kalb, Steuben	--	--	--	0.2	0.2	--	--	--	0.6	0.6
DeHeRuWa	--	--	1.9	0.2	2.0	--	--	6.8	0.5	7.3
EInoWh	--	--	0.1	0.0	0.1	--	--	--	--	--
Fulton, Marshall	--	--	0.0	0.3	0.4	--	--	--	1.0	1.0
HaHeJoMaSh	--	--	--	0.1	0.1	--	--	--	--	--
JaLaNe	--	--	0.3	--	0.3	--	--	0.7	--	0.7
Kosciusko	--	--	0.0	0.0	0.1	--	--	--	--	--
La Grange	0.8	--	0.6	--	1.4	0.4	--	1.0	--	1.5
La Porte	--	--	--	0.2	0.2	--	--	--	0.7	0.7
Porter	--	--	--	0.2	0.2	--	--	--	0.6	0.6
PuStSt	--	--	0.3	0.1	0.4	--	--	--	--	--
<b>Total</b>	0.8	--	5.3	5.6	11.8	0.4	--	14.9	16.8	32.1
<b>All counties</b>	1.7	0.0	31.8	42.7	76.4	2.6	--	96.7	138.3	237.5

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 or board feet.

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

AdHuWe = Adams, Huntington, and Wells Counties  
 BeFoWa = Benton, Fountain, and Warren Counties BiDeGrMa =  
 Blackford, Delaware, Grant, and Madison Counties  
 BoClHaTi = Boone, Clinton, Hamilton, and Tipton Counties  
 CaHoMiWa = Cass, Howard, Miami, and Wabash Counties  
 CaTiWh = Carroll, Tippecanoe, and White Counties  
 DeHeRuWa = Decatur, Henry, Rush, and Wayne Counties  
 EInoWh = Elkhart, Noble, and Whitley Counties  
 HaHeJoMaSh = Hancock, Hendricks, Johnson, Marion, and Shelby Counties  
 JaLaNe = Lake, Jasper, and Newton Counties  
 PuStSt = Pulaski, St. Joseph, and Starke Counties

Table IN-61b.—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 (Scribner rule), on timberland by inventory unit, county, and major species group, Indiana, 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)				
<b>Lower Wabash</b>										
Clay	--	--	0.8	1.2	2.0	--	--	2.4	5.3	7.7
Daviess, Knox	--	--	0.0	0.4	0.5	--	--	--	1.8	1.8
Gibson	--	--	0.6	0.9	1.5	--	--	2.0	3.8	5.8
Greene	--	--	1.5	0.3	1.9	--	--	2.8	1.4	4.2
Martin	--	--	1.6	2.2	3.8	--	--	6.9	9.3	16.3
Parke	--	--	0.8	1.9	2.7	--	--	2.9	7.1	10.0
Pike	0.3	--	0.2	0.0	0.5	1.1	--	0.6	--	1.8
Posey, Vanderburgh	--	--	3.8	4.1	7.9	--	--	12.8	15.6	28.4
Putnam	0.1	--	2.4	1.5	4.0	--	--	11.0	6.6	17.6
Sullivan	--	--	1.8	0.9	2.7	--	--	8.7	3.2	11.9
Vigo	--	--	0.0	--	0.0	--	--	--	--	--
<b>Total</b>	0.3	--	13.6	13.6	27.5	1.1	--	50.2	54.2	105.5
<b>Knobs</b>										
Brown	--	--	1.2	0.5	1.7	--	--	5.2	1.6	6.8
Clark, Scott	--	--	0.1	2.5	2.5	--	--	--	9.4	9.4
Crawford	--	--	0.0	2.5	2.6	--	--	--	10.6	10.6
Dubois	--	--	1.6	5.3	6.9	--	--	6.8	21.9	28.7
Floyd, Harrison	--	0.0	0.1	2.6	2.7	--	--	--	10.7	10.7
Jackson	--	--	3.8	1.6	5.4	--	--	18.3	6.8	25.2
Lawrence	--	--	1.7	0.0	1.7	--	--	7.4	--	7.4
Orange	--	--	0.2	0.9	1.0	--	--	0.7	3.5	4.2
Owen	0.0	--	0.7	0.0	0.8	--	--	1.4	--	1.4
Perry	0.5	--	--	1.4	1.9	2.3	--	--	5.8	8.2
Spencer	--	--	--	2.4	2.4	--	--	--	8.7	8.7
Warrick	--	--	--	0.7	0.7	--	--	--	2.9	2.9
Washington	--	--	0.6	0.8	1.3	--	--	2.8	3.3	6.1
<b>Total</b>	0.6	0.0	9.9	21.2	31.7	2.3	--	42.6	85.2	130.1

(Table IN-61b continued on next page)

(Table IN-61b continued)

Inventory unit and county	Growing stock					Sawtimber				
	Major species group					Major species group				
	Pine	Other softwoods	Soft hardwoods	Hard hardwoods	All species	Pine	Other softwoods	Soft hardwoods	Hard hardwoods	All species
	(In million cubic feet)					(In million board feet)				
<b>Upland Flats</b>										
Dearborn	--	--	0.1	0.0	0.1	--	--	--	--	--
Fayette, Union	--	--	0.1	0.1	0.2	--	--	0.5	--	0.5
Franklin	--	--	--	1.6	1.6	--	--	--	5.9	5.9
Jennings	--	--	0.0	0.6	0.6	--	--	--	2.5	2.5
Ohio, Switzerland	--	--	0.1	0.0	0.1	--	--	--	--	--
<b>Total</b>	--	--	0.3	2.4	2.6	--	--	0.5	8.4	8.9
<b>Northern</b>										
AdHuWe	--	--	0.1	0.5	0.6	--	--	--	1.8	1.8
Allen	--	--	1.1	1.3	2.3	--	--	4.1	5.0	9.1
Batholomew	--	--	0.2	2.1	2.2	--	--	0.4	8.1	8.5
BeFoWa	--	--	0.5	0.2	0.7	--	--	1.8	1.0	2.8
BIDeGrMa	--	--	0.2	0.2	0.4	--	--	0.5	0.6	1.1
CaTiWh	--	--	0.1	--	0.1	--	--	--	--	--
De Kalb, Steuben	--	--	--	0.2	0.2	--	--	--	0.9	0.9
DeHeRuWa	--	--	1.9	0.2	2.0	--	--	7.4	0.8	8.2
EINoWh	--	--	0.1	0.0	0.1	--	--	--	--	--
Fulton, Marshall	--	--	0.0	0.3	0.4	--	--	--	1.4	1.4
HaHeJoMaSh	--	--	--	0.1	0.1	--	--	--	--	--
JaLaNe	--	--	0.3	--	0.3	--	--	1.0	--	1.0
Kosciusko	--	--	0.0	0.0	0.1	--	--	--	--	--
La Grange	0.8	--	0.6	--	1.4	0.9	--	1.6	--	2.6
La Porte	--	--	--	0.2	0.2	--	--	--	1.0	1.0
Porter	--	--	--	0.2	0.2	--	--	--	0.9	0.9
PuStSt	--	--	0.3	0.1	0.4	--	--	--	--	--
<b>Total</b>	0.8	--	5.3	5.6	11.8	0.9	--	16.8	21.6	39.3
<b>All counties</b>	1.7	0.0	29.1	42.7	73.6	4.4	--	110.0	169.4	283.8

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 or board feet.

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

AdHuWe = Adams, Huntington, and Wells Counties

BeFoWa = Benton, Fountain, and Warren Counties BIDeGrMa =

Blackford, Delaware, Grant, and Madison Counties

BoClHaTi = Boone, Clinton, Hamilton, and Tipton Counties

CaHoMiWa = Cass, Howard, Miami, and Wabash Counties

CaTiWh = Carroll, Tippecanoe, and White Counties

DeHeRuWa = Decatur, Henry, Rush, and Wayne Counties

EINoWh = Elkhart, Noble, and Whitley Counties

HaHeJoMaSh = Hancock, Hendricks, Johnson, Marion, and Shelby Counties

JaLaNe = Jasper, Lake, and Newton Counties

PuStSt = Pulaski, St. Joseph, and Starke Counties

**Table IN-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, Indiana, 2013**

Inventory unit and county	Forest area	Timberland area	Growing stock				Sawtimber			
			Volume	Average annual net growth	Average annual removals	Average annual mortality	Volume	Average annual net growth	Average annual removals	Average annual mortality
<b>Lower Wabash</b>										
Clay	19.61	19.61	23.36	32.74	58.44	61.39	23.92	35.70	58.15	70.55
Daviess, Knox	20.82	21.16	27.01	34.84	96.84	43.07	27.87	35.76	99.83	49.14
Gibson	26.10	26.70	33.79	67.70	99.83	69.64	34.67	62.48	99.83	77.42
Greene	15.50	15.50	19.55	21.66	69.19	36.89	21.23	23.67	67.08	75.19
Martin	13.03	13.03	14.65	20.78	64.73	41.35	15.31	21.72	67.66	52.10
Parke	15.21	15.33	20.02	26.27	60.55	57.87	21.05	27.58	64.37	67.50
Pike	17.71	18.66	24.71	100.00	76.77	44.33	26.14	100.00	76.34	51.93
Posey, Vanderburgh	20.76	21.54	29.18	35.93	64.48	75.25	29.98	35.90	64.95	88.51
Putnam	17.07	17.07	22.08	23.41	80.66	44.26	23.31	24.11	85.06	59.90
Sullivan	19.01	19.62	25.93	33.06	69.29	47.53	26.70	35.95	69.56	81.39
Vermillion	29.76	29.76	40.14	56.68	--	100.00	40.37	57.48	--	--
Vigo	24.16	24.16	29.59	37.32	100.00	74.43	32.41	39.70	--	76.99
<b>Total</b>	2.61	2.80	4.66	7.94	25.63	18.74	5.14	8.14	26.39	24.38
<b>Knobs</b>										
Brown	12.68	14.12	15.77	26.94	72.27	39.02	15.93	25.90	72.22	50.88
Clark, Scott	16.34	16.79	20.14	69.96	49.57	36.15	20.82	82.31	57.58	39.36
Crawford	15.06	15.39	17.73	72.76	57.52	49.19	18.28	62.03	57.71	51.54
Dubois	18.39	18.39	22.10	100.00	71.86	48.03	22.82	100.00	71.09	53.30
Floyd, Harrison	12.86	12.96	15.40	100.00	46.44	33.96	16.25	100.00	47.35	34.85
Jackson	15.45	15.78	18.42	26.38	82.40	35.90	19.09	27.70	83.20	46.36
Lawrence	15.28	15.42	19.54	27.14	92.09	41.23	21.13	27.39	94.08	53.44
Monroe	14.23	14.69	17.13	22.57	--	44.06	17.68	22.91	--	74.61
Morgan	16.23	16.23	19.50	26.63	--	46.55	19.91	26.73	--	68.18
Orange	14.91	14.91	18.29	29.73	62.87	44.04	19.33	27.40	64.39	52.92
Owen	14.47	14.61	17.77	24.63	59.67	42.61	18.11	25.34	72.62	49.25
Perry	12.91	12.91	14.99	24.53	79.78	35.01	16.14	25.63	80.68	46.99
Spencer	20.16	20.16	25.49	51.01	71.36	55.85	26.71	45.67	78.32	67.25
Warrick	18.80	18.80	22.77	31.67	66.95	41.13	23.51	31.97	67.09	47.05
Washington	15.83	15.98	19.44	49.02	63.89	34.41	20.20	47.02	64.71	36.77
<b>Total</b>	1.48	1.66	2.88	7.93	24.58	10.70	3.19	7.95	25.51	12.78

(Table IN-65 continued on next page)

(Table IN-65 continued)

Inventory unit and county	Forest area	Timberland area	Growing stock				Sawtimber			
			Volume	Average annual net growth	Average annual removals	Average annual mortality	Volume	Average annual net growth	Average annual removals	Average annual mortality
<b>Upland Flats</b>										
Dearborn	17.12	17.12	22.86	28.73	81.35	35.68	25.36	36.64	--	92.50
Fayette, Union	22.39	22.39	26.70	41.36	92.50	47.44	27.12	43.66	92.50	63.33
Franklin	14.57	14.82	18.87	22.26	51.51	58.88	20.52	23.70	52.38	76.22
Jefferson	16.65	16.65	21.96	28.42	--	37.24	24.98	33.98	--	52.97
Jennings	15.49	15.91	19.13	28.33	68.52	43.04	19.78	29.98	71.22	49.11
Ohio, Switzerland	18.13	18.13	23.73	28.55	73.60	37.32	25.91	28.44	--	77.68
Ripley	15.58	17.41	20.13	46.46	--	46.23	20.48	45.37	--	68.47
<b>Total</b>	2.74	2.95	5.52	12.49	38.34	17.81	6.40	13.22	41.69	26.60
<b>Northern</b>										
AdHuWe	20.71	21.36	26.92	38.29	69.39	44.21	29.13	36.00	92.10	68.62
Allen	23.92	23.92	27.66	33.59	88.78	42.50	27.47	34.04	88.30	--
Batholomew	22.24	22.24	28.05	34.74	89.95	64.06	29.23	39.11	91.03	92.10
BeFoWa	22.71	22.71	29.50	42.54	66.98	76.33	30.98	50.88	66.11	80.25
BlDeGrMa	18.05	18.05	20.92	30.77	68.21	39.22	22.90	30.69	64.89	55.93
BoClHaTi	28.33	28.33	38.63	48.03	--	82.63	41.15	51.31	--	100.00
CaHoMiWa	16.84	16.84	20.85	46.31	--	36.08	22.30	48.19	--	37.96
CaTiWh	18.02	18.27	26.03	41.49	100.00	63.74	28.78	40.80	--	81.44
De Kalb, Steuben	18.58	18.58	25.03	33.57	100.00	41.73	26.75	46.89	100.00	92.10
DeHeRuWa	18.35	18.35	26.26	33.23	72.77	84.43	27.37	34.28	74.04	92.10
ElNoWh	16.14	16.72	23.56	27.03	79.44	58.51	24.48	28.37	--	77.80
Fulton, Marshall	21.15	21.15	30.01	52.16	90.89	53.12	32.11	48.01	100.00	56.21
HaHeJoMaSh	16.97	17.16	23.60	100.00	100.00	71.85	25.41	100.00	--	83.71
JaLaNe	19.18	20.63	28.74	91.84	100.00	52.70	32.12	100.00	100.00	58.68
Jay, Randolph	24.30	24.94	29.79	100.00	--	75.67	32.61	100.00	--	89.15
Kosciusko	22.87	22.87	28.38	35.70	92.10	50.28	29.42	38.04	--	92.10
La Grange	28.72	28.72	34.07	50.59	98.26	79.96	37.56	45.85	98.26	100.00
La Porte	23.47	23.47	35.23	38.28	100.00	52.86	36.84	43.10	100.00	--
Montgomery	25.60	26.33	33.72	35.46	--	55.58	35.34	39.14	--	71.36
Porter	24.38	28.82	39.90	53.42	100.00	53.00	43.42	60.94	100.00	61.81
PuStSt	17.57	18.04	23.99	29.47	83.88	60.95	25.61	33.52	70.80	92.10
<b>Total</b>	2.31	2.47	4.22	9.55	33.26	18.70	4.84	10.11	35.42	24.30
<b>All counties</b>	1.06	1.15	1.98	4.57	15.26	8.09	2.22	4.71	16.00	10.14

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

AdHuWe = Adams, Huntington, and Wells Counties  
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 DeHeRuWa = Decatur, Henry, Rush, and Wayne Counties  
 ElNoWh = Elkhart, Noble, and Whitley Counties  
 HaHeJoMaSh = Hancock, Hendricks, Johnson, Marion, and Shelby Counties  
 JaLaNe = Jasper, Lake, and Newton Counties  
 PuStSt = Pulaski, St. Joseph, and Starke Counties