

## List of Estimate Tables

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

### Area

Table NJ-1.—Percentage of area by land status, New Jersey, 2013

Table NJ-2.—Area of forest land, in thousand acres, by owner class and forest-land status, New Jersey, 2013

Table NJ-3.—Area of forest land, in thousand acres, by forest-type group and site productivity class, New Jersey, 2013

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

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

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

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

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

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

### Number

Table NJ-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, New Jersey, 2013

Table NJ-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, New Jersey, 2013

### Volume

Table NJ-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, New Jersey, 2013.

Table NJ-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, New Jersey, 2013

Table NJ-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, New Jersey, 2013

Table NJ-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, New Jersey, 2013

Table NJ-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, New Jersey, 2013

Table NJ-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, New Jersey, 2013

Table NJ-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, New Jersey, 2013

Table NJ-19.—Net volume of sawtimber trees, in million board feet (International ¼-inch rule), on timberland by species group, species, and diameter class, New Jersey, 2013

Table NJ-19a.—Net volume of sawtimber trees, in million board feet (Doyle rule) on timberland by species group, species, and diameter class, New Jersey, 2013

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

## **Growth, Mortality, and Removals**

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

Table NJ-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, New Jersey, 2013

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

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

Table NJ-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, New Jersey, 2013

Table NJ-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, New Jersey, 2013

Table NJ-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, New Jersey, 2013

Table NJ-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, New Jersey, 2013

Table NJ-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, New Jersey, 2013

Table NJ-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, New Jersey, 2013

## **Weight**

Table NJ-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, New Jersey, 2013

Table NJ-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, New Jersey, 2013

## **County-Level**

Table NJ-54.—Area of forest land, in thousand acres, by inventory unit, county, and forest-land status, New Jersey, 2013

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

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

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

Table NJ-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 ¼-inch rule), on timberland by inventory unit, county, and major species group, New Jersey, 2013

Table NJ-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, New Jersey, 2013

Table NJ-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 ¼-inch rule) on timberland by inventory unit, county, and major species group, New Jersey, 2013

Table NJ-60a.—Average annual net growth of growing-stock trees (at least 5 inches d.b.h.), in million cubic feet, and sawtimber, in million board feet (Doyle rule) on timberland by inventory unit, county, and major species group, New Jersey, 2013

Table NJ-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 ¼-inch rule), on timberland by inventory unit, county, and major species group, New Jersey, 2013

Table NJ-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, New Jersey, 2013

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

Table NJ-1.—Percentage of area by land status, New Jersey, 2013

Land status	Percentage of area
<b>Accessible forest land</b>	
Unreserved forest land	
Timberland	29.8
Unproductive	0.1
Total unreserved forest land	30.0
Reserved forest land	
Productive	4.8
Unproductive	--
Total reserved forest land	4.8
<b>All accessible forest land</b>	<b>34.8</b>
<b>Nonforest and other land</b>	
Nonforest land	49.7
Water	
Census	4.4
Non-Census	1.1
<b>All nonforest and other land</b>	<b>55.1</b>
<b>Nonsampled land</b>	
Access denied	8.9
Hazardous conditions	1.1
Other	--
<b>All land</b>	<b>100.0</b>
<b>Total area (thousands of acres)</b>	<b>5,001</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 NJ-2.—Area of forest land, in thousand acres, by owner class and forest-land status, New Jersey, 2013

Owner class	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
<b>Other Federal</b>							
National Park Service	--	--	--	41.8	--	41.8	41.8
Fish and Wildlife Service	--	--	--	24.5	--	24.5	24.5
Department of Defense or Energy	52.5	--	52.5	--	--	--	52.5
<b>State and local government</b>							
State	513.6	8.0	521.6	104.2	--	104.2	625.8
Local (county, municipal, etc.)	199.3	--	199.3	91.3	--	91.3	290.6
<b>Private</b>							
Undifferentiated private	966.5	--	966.5	--	--	--	966.5
<b>All owners</b>	<b>1,731.9</b>	<b>8.0</b>	<b>1,739.9</b>	<b>261.7</b>	<b>--</b>	<b>261.7</b>	<b>2,001.6</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.

Table NJ-3.—Area of forest land, in thousand acres, by forest-type group and site productivity class, New Jersey, 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	--	--	13.2	--	--	--	--	13.2
Loblolly / shortleaf pine group	--	414.9	10.9	5.6	1.9	--	--	433.3
Other eastern softwoods group	--	18.0	--	--	--	--	--	18.0
Exotic softwoods group	--	--	4.8	--	--	--	--	4.8
Oak / pine group	5.1	136.9	11.8	8.5	--	--	--	162.3
Oak / hickory group	--	551.2	266.1	104.7	10.6	--	--	932.6
Oak / gum / cypress group	--	111.9	31.6	5.8	--	--	--	149.3
Elm / ash / cottonwood group	3.0	62.3	19.0	15.7	--	--	--	99.9
Maple / beech / birch group	--	58.0	58.3	26.3	--	--	--	142.7
Aspen / birch group	--	3.4	5.5	--	--	--	--	8.9
Other hardwoods group	--	4.0	--	8.5	--	--	--	12.4
Nonstocked	--	15.8	5.8	2.4	--	--	--	24.1
<b>All forest-type groups</b>	<b>8.0</b>	<b>1,376.4</b>	<b>427.1</b>	<b>177.5</b>	<b>12.6</b>	<b>--</b>	<b>--</b>	<b>2,001.6</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.

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

Forest-type group	Forest Service		Other Federal		State and local government		Undifferentiated private		All forest land
	Timber-land	Other forest land	Timber-land	Other forest land	Timber-land	Other forest land	Timber-land	Other forest land	
White / red / jack pine group	--	--	--	--	6.7	--	6.5	--	13.2
Loblolly / shortleaf pine group	--	--	23.9	--	259.7	22.2	127.4	--	433.3
Other eastern softwoods group	--	--	--	--	--	11.9	6.1	--	18.0
Exotic softwoods group	--	--	--	--	--	--	4.8	--	4.8
Oak / pine group	--	--	--	6.7	56.3	5.1	94.1	--	162.3
Oak / hickory group	--	--	20.1	40.5	307.1	101.9	463.0	--	932.6
Oak / gum / cypress group	--	--	6.7	6.5	59.7	15.3	61.1	--	149.3
Elm / ash / cottonwood group	--	--	--	7.6	0.5	29.1	62.7	--	99.9
Maple / beech / birch group	--	--	--	3.7	10.2	12.8	116.0	--	142.7
Aspen / birch group	--	--	--	--	--	3.4	5.5	--	8.9
Other hardwoods group	--	--	--	--	6.8	1.7	4.0	--	12.4
Nonstocked	--	--	1.7	1.3	5.8	--	15.3	--	24.1
<b>All forest-type groups</b>	--	--	52.5	66.2	712.9	203.5	966.5	--	2,001.6

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

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

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

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

Forest-type group	Stand-size class					All size classes
	Large diameter	Medium diameter	Small diameter	Chaparral	Nonstocked	
White / red / jack pine group	13.2	--	--	--	--	13.2
Loblolly / shortleaf pine group	255.9	169.7	7.7	--	--	433.3
Other eastern softwoods group	--	8.5	9.5	--	--	18.0
Exotic softwoods group	4.8	--	--	--	--	4.8
Oak / pine group	78.9	66.8	16.5	--	--	162.3
Oak / hickory group	710.8	199.7	22.1	--	--	932.6
Oak / gum / cypress group	100.4	28.9	20.0	--	--	149.3
Elm / ash / cottonwood group	75.3	7.5	17.1	--	--	99.9
Maple / beech / birch group	108.5	26.2	8.0	--	--	142.7
Aspen / birch group	5.5	--	3.4	--	--	8.9
Other hardwoods group	10.8	1.7	--	--	--	12.4
Nonstocked	--	--	--	--	24.1	24.1
<b>All forest-type groups</b>	<b>1,364.2</b>	<b>509.0</b>	<b>104.4</b>	<b>--</b>	<b>24.1</b>	<b>2,001.6</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.

Table NJ-6.—Area of forest land, in thousand acres, by forest-type group and stand-age class, New Jersey, 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	--	--	--	--	13.2	--	--	--	--	--	--	--	13.2
Loblolly / shortleaf pine group	--	12.1	34.1	112.8	168.2	59.8	38.0	6.7	1.7	--	--	--	433.3
Other eastern softwoods group	--	7.9	1.6	8.5	--	--	--	--	--	--	--	--	18.0
Exotic softwoods group	--	--	--	4.8	--	--	--	--	--	--	--	--	4.8
Oak / pine group	--	6.5	13.8	29.6	69.1	29.8	6.8	6.7	--	--	--	--	162.3
Oak / hickory group	--	20.4	37.1	181.2	234.6	251.5	157.5	50.2	--	--	--	--	932.6
Oak / gum / cypress group	--	17.2	2.8	17.1	50.1	47.0	8.3	6.7	--	--	--	--	149.3
Elm / ash / cottonwood group	--	10.1	7.0	20.3	57.0	4.8	0.7	--	--	--	--	--	99.9
Maple / beech / birch group	--	4.4	21.0	38.3	28.4	37.2	--	13.4	--	--	--	--	142.7
Aspen / birch group	--	3.4	--	--	5.5	--	--	--	--	--	--	--	8.9
Other hardwoods group	--	--	--	1.7	4.0	6.8	--	--	--	--	--	--	12.4
Nonstocked	24.1	--	--	--	--	--	--	--	--	--	--	--	24.1
<b>All forest-type groups</b>	<b>24.1</b>	<b>82.1</b>	<b>117.3</b>	<b>414.4</b>	<b>630.1</b>	<b>437.0</b>	<b>211.2</b>	<b>83.7</b>	<b>1.7</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>2,001.6</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.

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

Forest-type group	Stand origin		All forest land
	Natural stands	Artificial regeneration	
White / red / jack pine group	6.7	6.5	13.2
Loblolly / shortleaf pine group	425.2	8.1	433.3
Other eastern softwoods group	18.0	--	18.0
Exotic softwoods group	--	4.8	4.8
Oak / pine group	162.3	--	162.3
Oak / hickory group	932.6	--	932.6
Oak / gum / cypress group	149.3	--	149.3
Elm / ash / cottonwood group	99.9	--	99.9
Maple / beech / birch group	142.7	--	142.7
Aspen / birch group	8.9	--	8.9
Other hardwoods group	12.4	--	12.4
Nonstocked	24.1	--	24.1
<b>All forest-type groups</b>	<b>1,982.2</b>	<b>19.4</b>	<b>2,001.6</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.

Table NJ-8.—Area of forest land, in thousand acres, by forest-type group and disturbance class, New Jersey, 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	13.2	--	--	--	--	--	--	--	--	13.2
Loblolly / shortleaf pine group	394.9	--	--	6.9	31.5	--	--	--	--	433.3
Other eastern softwoods group	18.0	--	--	--	--	--	--	--	--	18.0
Exotic softwoods group	4.8	--	--	--	--	--	--	--	--	4.8
Oak / pine group	143.7	6.8	--	11.8	--	--	--	--	--	162.3
Oak / hickory group	859.5	16.9	--	18.5	10.8	--	--	5.5	21.4	932.6
Oak / gum / cypress group	129.4	1.7	--	16.9	--	--	--	1.3	--	149.3
Elm / ash / cottonwood group	82.2	--	--	14.1	--	--	--	--	3.6	99.9
Maple / beech / birch group	129.8	--	--	4.8	--	--	--	--	8.1	142.7
Aspen / birch group	3.4	--	--	5.5	--	--	--	--	--	8.9
Other hardwoods group	12.4	--	--	--	--	--	--	--	--	12.4
Nonstocked	6.8	--	--	5.8	--	6.3	--	--	5.1	24.1
<b>All forest-type groups</b>	<b>1,798.2</b>	<b>25.4</b>	<b>--</b>	<b>84.3</b>	<b>42.4</b>	<b>6.3</b>	<b>--</b>	<b>6.8</b>	<b>38.3</b>	<b>2,001.6</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.

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

Forest-type group	Stand-size class					All size classes
	Large diameter	Medium diameter	Small diameter	Chaparral	Nonstocked	
White / red / jack pine group	13.2	--	--	--	--	13.2
Loblolly / shortleaf pine group	239.5	163.9	7.7	--	--	411.1
Other eastern softwoods group	--	1.7	4.4	--	--	6.1
Exotic softwoods group	4.8	--	--	--	--	4.8
Oak / pine group	67.1	66.8	16.5	--	--	150.5
Oak / hickory group	588.8	184.6	16.9	--	--	790.2
Oak / gum / cypress group	89.6	28.9	9.0	--	--	127.5
Elm / ash / cottonwood group	52.4	6.8	4.0	--	--	63.2
Maple / beech / birch group	95.8	26.2	4.3	--	--	126.2
Aspen / birch group	5.5	--	--	--	--	5.5
Other hardwoods group	10.8	--	--	--	--	10.8
Nonstocked	--	--	--	--	22.8	22.8
<b>All forest-type groups</b>	<b>1,167.4</b>	<b>478.9</b>	<b>62.8</b>	<b>--</b>	<b>22.8</b>	<b>1,731.9</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.

Table NJ-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, New Jersey, 2013

Species group	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	1,001	1,001	362	242	363	524	405	41	82	--	--	--	--	--	--	4,021
Other yellow pines	46,157	33,104	27,473	21,047	14,174	7,731	4,807	2,111	490	163	82	--	--	--	--	157,339
Eastern white and red pines	989	--	481	673	834	747	441	257	79	87	81	81	41	--	--	4,791
Eastern hemlock	506	506	852	608	528	325	122	41	41	41	--	41	--	--	--	3,611
Other eastern softwoods	55,507	19,435	9,695	5,521	3,822	2,584	1,628	850	441	--	--	--	--	--	--	99,484
<b>All softwoods</b>	<b>104,161</b>	<b>54,046</b>	<b>38,863</b>	<b>28,091</b>	<b>19,720</b>	<b>11,911</b>	<b>7,403</b>	<b>3,299</b>	<b>1,133</b>	<b>291</b>	<b>163</b>	<b>122</b>	<b>41</b>	<b>--</b>	<b>--</b>	<b>269,245</b>
<b>Hardwood species groups</b>																
<b>Eastern hardwood species groups</b>																
Select white oaks	8,547	11,644	10,983	4,729	2,933	1,858	1,222	1,057	606	198	526	41	39	86	39	44,508
Select red oaks	1,987	1,006	1,137	1,295	1,381	680	788	822	945	453	763	323	80	39	--	11,698
Other white oaks	9,212	3,557	3,528	2,475	1,940	1,500	1,023	1,267	654	408	204	82	--	41	--	25,892
Other red oaks	15,058	11,549	7,879	4,996	3,732	2,655	1,907	1,163	852	562	701	323	88	--	--	51,465
Hickory	8,828	3,674	2,141	1,374	539	697	653	513	159	41	41	40	47	--	--	18,747
Yellow birch	967	2,541	713	484	323	122	--	79	41	--	--	--	--	--	--	5,271
Hard maple	8,032	7,749	2,482	2,299	1,384	674	364	341	169	39	39	82	--	--	--	23,653
Soft maple	63,469	25,639	14,285	11,035	6,369	5,100	3,442	2,055	1,107	590	275	79	41	--	--	133,487
Beech	8,186	2,105	1,060	688	394	280	41	280	204	121	86	41	--	--	--	13,485
Sweetgum	12,489	2,998	3,021	1,664	1,198	1,164	1,283	678	686	444	248	80	39	--	--	25,993
Tupelo and blackgum	19,687	14,589	6,051	2,722	2,007	1,090	564	243	82	41	82	41	--	--	--	47,197
Ash	8,114	4,071	2,337	1,974	1,436	1,807	1,491	1,065	590	336	161	211	41	--	--	23,633
Cottonwood and aspen	510	--	82	308	235	93	202	--	41	39	41	39	--	--	--	1,589
Basswood	--	--	82	82	81	39	82	39	41	--	--	--	--	--	--	444
Yellow-poplar	4,449	2,440	1,290	766	549	244	605	440	661	415	440	283	441	--	41	13,064
Black walnut	1,155	1,290	289	529	318	201	254	342	131	131	--	--	--	--	--	4,639
Other eastern soft hardwoods	28,117	20,213	7,908	3,674	2,442	926	514	156	122	161	80	99	--	41	--	64,452
Other eastern hard hardwoods	37,445	20,903	7,803	3,166	3,065	1,917	974	294	420	--	120	35	--	--	--	76,139
Eastern noncommercial hardwoods	51,134	7,112	2,785	883	469	327	52	39	--	--	--	--	--	--	--	62,801
<b>All hardwoods</b>	<b>287,385</b>	<b>143,080</b>	<b>75,855</b>	<b>45,142</b>	<b>30,795</b>	<b>21,374</b>	<b>15,461</b>	<b>10,872</b>	<b>7,511</b>	<b>3,977</b>	<b>3,807</b>	<b>1,799</b>	<b>815</b>	<b>206</b>	<b>80</b>	<b>648,160</b>
<b>All species groups</b>	<b>391,546</b>	<b>197,126</b>	<b>114,718</b>	<b>73,233</b>	<b>50,515</b>	<b>33,285</b>	<b>22,863</b>	<b>14,171</b>	<b>8,645</b>	<b>4,269</b>	<b>3,970</b>	<b>1,921</b>	<b>856</b>	<b>206</b>	<b>80</b>	<b>917,405</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 NJ-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, New Jersey, 2013

Species group	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	322	242	363	524	405	41	41	--	--	--	--	--	--	1,937
Other yellow pines	15,192	15,142	11,669	6,861	4,149	1,784	408	163	82	--	--	--	--	55,450
Eastern white and red pines	440	550	795	667	441	257	41	87	--	--	--	--	--	3,278
Eastern hemlock	285	204	204	122	41	41	41	41	--	--	--	--	--	978
Other eastern softwoods	7,192	4,393	3,172	2,424	1,589	850	441	--	--	--	--	--	--	20,061
<b>All softwoods</b>	<b>23,431</b>	<b>20,531</b>	<b>16,202</b>	<b>10,598</b>	<b>6,625</b>	<b>2,972</b>	<b>972</b>	<b>291</b>	<b>82</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>81,705</b>
<b>Hardwood species groups</b>														
<b>Eastern hardwood species groups</b>														
Select white oaks	6,727	3,861	2,613	1,422	934	814	405	198	325	41	--	86	39	17,465
Select red oaks	651	892	894	560	585	822	620	372	601	241	80	39	--	6,357
Other white oaks	2,359	1,954	1,500	1,216	862	1,104	654	327	164	41	--	41	--	10,221
Other red oaks	5,402	4,250	3,287	2,172	1,745	872	765	440	579	323	88	--	--	19,922
Hickory	1,777	1,172	498	576	572	381	118	41	41	--	47	--	--	5,224
Yellow birch	361	403	202	41	--	39	--	--	--	--	--	--	--	1,046
Hard maple	2,158	1,723	1,140	633	284	260	129	39	39	82	--	--	--	6,487
Soft maple	7,285	6,915	4,195	3,204	2,271	1,405	731	266	235	--	--	--	--	26,506
Beech	569	607	316	200	--	280	163	121	47	--	--	--	--	2,303
Sweetgum	2,212	1,391	1,079	927	1,244	562	647	250	132	80	39	--	--	8,562
Tupelo and blackgum	2,838	1,680	1,405	887	485	202	41	--	41	--	--	--	--	7,579
Ash	1,359	1,189	1,072	1,234	1,083	905	590	295	121	160	41	--	--	8,049
Cottonwood and aspen	41	267	235	52	121	--	41	39	41	39	--	--	--	876
Basswood	41	--	41	--	41	39	41	--	--	--	--	--	--	202
Yellow-poplar	680	563	467	203	524	440	620	293	440	162	360	--	41	4,793
Black walnut	161	327	202	82	202	212	52	91	--	--	--	--	--	1,329
Other eastern soft hardwoods	2,751	1,340	1,306	607	261	41	82	82	80	47	--	41	--	6,638
Other eastern hard hardwoods	3,838	1,826	1,916	1,149	689	172	286	--	39	35	--	--	--	9,951
<b>All hardwoods</b>	<b>41,209</b>	<b>30,361</b>	<b>22,370</b>	<b>15,164</b>	<b>11,904</b>	<b>8,548</b>	<b>5,986</b>	<b>2,853</b>	<b>2,922</b>	<b>1,250</b>	<b>654</b>	<b>206</b>	<b>80</b>	<b>143,509</b>
<b>All species groups</b>	<b>64,640</b>	<b>50,893</b>	<b>38,572</b>	<b>25,762</b>	<b>18,529</b>	<b>11,521</b>	<b>6,959</b>	<b>3,144</b>	<b>3,004</b>	<b>1,250</b>	<b>654</b>	<b>206</b>	<b>80</b>	<b>225,214</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 NJ-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, New Jersey, 2013

Owner class	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
<b>Other Federal</b>							
National Park Service	--	--	--	133.8	--	133.8	133.8
Fish and Wildlife Service	--	--	--	32.7	--	32.7	32.7
Department of Defense or Energy	82.3	--	82.3	--	--	--	82.3
<b>State and local government</b>							
State	849.0	6.8	855.8	219.7	--	219.7	1,075.4
Local (county, municipal, etc.)	537.0	--	537.0	211.2	--	211.2	748.2
<b>Private</b>							
Undifferentiated private	2,148.0	--	2,148.0	--	--	--	2,148.0
<b>All owners</b>	<b>3,616.3</b>	<b>6.8</b>	<b>3,623.0</b>	<b>597.3</b>	<b>--</b>	<b>597.3</b>	<b>4,220.4</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 feet.  
 Columns and rows may not add to their totals due to rounding.

**Table NJ-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, New Jersey, 2013**

Forest-type group	Stand-size class					All size classes
	Large diameter	Medium diameter	Small diameter	Chaparral	Nonstocked	
White / red / jack pine group	40.6	--	--	--	--	40.6
Loblolly / shortleaf pine group	420.0	173.9	4.3	--	--	598.2
Other eastern softwoods group	--	9.6	0.7	--	--	10.3
Exotic softwoods group	11.2	--	--	--	--	11.2
Oak / pine group	192.2	75.8	9.8	--	--	277.8
Oak / hickory group	2,146.9	257.1	1.9	--	--	2,405.8
Oak / gum / cypress group	289.0	46.8	2.8	--	--	338.6
Elm / ash / cottonwood group	165.0	15.7	4.6	--	--	185.3
Maple / beech / birch group	284.1	26.9	0.1	--	--	311.0
Aspen / birch group	14.0	--	--	--	--	14.0
Other hardwoods group	22.8	3.5	--	--	--	26.3
Nonstocked	--	--	--	--	1.3	1.3
<b>All forest-type groups</b>	<b>3,585.8</b>	<b>609.2</b>	<b>24.1</b>	<b>--</b>	<b>1.3</b>	<b>4,220.4</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 feet.  
 Columns and rows may not add to their totals due to rounding.

**Table NJ-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, New Jersey, 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	--	--	25.3	2.3	27.7
Other yellow pines	--	30.9	400.8	211.8	643.5
Eastern white and red pines	--	24.2	18.1	37.9	80.3
Eastern hemlock	--	9.5	14.7	2.5	26.7
Other eastern softwoods	--	2.0	128.7	53.6	184.3
<b>All softwoods</b>	--	66.6	587.7	308.2	962.5
<b>Hardwood species groups</b>					
<b>Eastern hardwood species groups</b>					
Select white oaks	--	6.4	136.9	147.2	290.5
Select red oaks	--	10.8	135.8	125.4	271.9
Other white oaks	--	22.7	93.7	94.1	210.5
Other red oaks	--	13.0	198.4	188.5	400.0
Hickory	--	4.6	33.3	70.4	108.2
Yellow birch	--	--	10.4	4.0	14.5
Hard maple	--	0.9	30.3	62.5	93.7
Soft maple	--	61.4	172.6	293.9	527.9
Beech	--	0.8	17.3	35.8	53.8
Sweetgum	--	4.4	82.8	118.0	205.2
Tupelo and blackgum	--	17.8	38.9	51.4	108.1
Ash	--	7.1	63.4	180.6	251.2
Cottonwood and aspen	--	--	8.2	17.1	25.3
Basswood	--	--	2.2	6.3	8.6
Yellow -poplar	--	--	101.2	229.2	330.5
Black walnut	--	--	13.6	25.7	39.3
Other eastern soft hardwoods	--	4.2	20.9	105.8	130.8
Other eastern hard hardwoods	--	27.7	72.1	70.2	170.0
Eastern noncommercial hardwoods	--	0.5	3.8	13.6	17.9
<b>All hardwoods</b>	--	182.2	1,235.9	1,839.7	3,257.9
<b>All species groups</b>	--	248.8	1,823.6	2,148.0	4,220.4

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

Table NJ-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, New Jersey, 2013

Species group	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	1	1	4	9	10	1	2	--	--	--	--	--	--	28
Other yellow pines	61	111	140	121	111	65	20	7	6	--	--	--	--	643
Eastern white and red pines	1	4	10	13	12	10	3	5	6	9	7	--	--	80
Eastern hemlock	2	3	5	5	3	1	2	2	--	4	--	--	--	27
Other eastern softwoods	20	26	34	36	31	22	15	--	--	--	--	--	--	184
<b>All softwoods</b>	<b>85</b>	<b>146</b>	<b>192</b>	<b>183</b>	<b>166</b>	<b>100</b>	<b>43</b>	<b>15</b>	<b>12</b>	<b>13</b>	<b>7</b>	<b>--</b>	<b>--</b>	<b>962</b>
<b>Hardwood species groups</b>														
<b>Eastern hardwood species groups</b>														
Select white oaks	22	25	30	32	31	37	27	12	38	5	4	19	10	291
Select red oaks	2	7	16	12	20	29	45	28	59	34	13	7	--	272
Other white oaks	8	13	19	25	26	42	28	21	14	8	--	7	--	210
Other red oaks	18	29	40	45	50	41	39	32	54	37	14	--	--	400
Hickory	5	9	7	15	21	21	9	3	4	6	8	--	--	108
Yellow birch	2	3	3	2	--	3	2	--	--	--	--	--	--	14
Hard maple	6	14	16	12	10	13	8	2	4	7	--	--	--	94
Soft maple	28	62	68	89	89	71	51	34	21	8	6	--	--	528
Beech	2	4	4	5	1	11	12	8	5	2	--	--	--	54
Sweetgum	7	10	14	20	35	25	32	27	20	9	6	--	--	205
Tupelo and blackgum	12	15	20	20	15	8	4	3	7	5	--	--	--	108
Ash	7	13	19	36	42	43	31	21	13	19	7	--	--	251
Cottonwood and aspen	0	2	3	1	6	--	2	3	4	4	--	--	--	25
Basswood	0	0	1	1	3	2	2	--	--	--	--	--	--	9
Yellow -poplar	3	5	7	5	20	20	39	33	48	43	92	--	14	330
Black walnut	1	3	3	3	6	10	5	8	--	--	--	--	--	39
Other eastern soft hardwoods	16	18	25	15	13	5	5	9	8	10	--	8	--	131
Other eastern hard hardwoods	17	18	34	35	26	10	17	--	9	4	--	--	--	170
Eastern noncommercial hardwoods	5	4	4	4	1	1	--	--	--	--	--	--	--	18
<b>All hardwoods</b>	<b>161</b>	<b>255</b>	<b>332</b>	<b>379</b>	<b>412</b>	<b>392</b>	<b>360</b>	<b>242</b>	<b>309</b>	<b>202</b>	<b>150</b>	<b>41</b>	<b>24</b>	<b>3,258</b>
<b>All species groups</b>	<b>246</b>	<b>401</b>	<b>524</b>	<b>562</b>	<b>579</b>	<b>492</b>	<b>403</b>	<b>257</b>	<b>320</b>	<b>215</b>	<b>157</b>	<b>41</b>	<b>24</b>	<b>4,220</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 NJ-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, New Jersey, 2013**

Forest-type group	Stand origin		All forest land
	Natural stands	Artificial regeneration	
White / red / jack pine group	18.6	22.0	40.6
Loblolly / shortleaf pine group	575.0	23.2	598.2
Other eastern softwoods group	10.3	--	10.3
Exotic softwoods group	--	11.2	11.2
Oak / pine group	277.8	--	277.8
Oak / hickory group	2,405.8	--	2,405.8
Oak / gum / cypress group	338.6	--	338.6
Elm / ash / cottonwood group	185.3	--	185.3
Maple / beech / birch group	311.0	--	311.0
Aspen / birch group	14.0	--	14.0
Other hardwoods group	26.3	--	26.3
Nonstocked	1.3	--	1.3
<b>All forest-type groups</b>	<b>4,164.0</b>	<b>56.4</b>	<b>4,220.4</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 feet.  
Columns and rows may not add to their totals due to rounding.

Table NJ-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, New Jersey, 2013

Species group	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	1	1	4	9	10	1	2	--	--	--	--	--	--	27
Other yellow pines	39	87	121	110	97	56	17	7	6	--	--	--	--	540
Eastern white and red pines	1	4	9	11	12	10	2	5	--	--	--	--	--	54
Eastern hemlock	1	1	2	2	1	1	2	2	--	--	--	--	--	12
Other eastern softwoods	15	21	29	34	30	22	15	--	--	--	--	--	--	168
<b>All softwoods</b>	<b>57</b>	<b>115</b>	<b>165</b>	<b>166</b>	<b>149</b>	<b>90</b>	<b>38</b>	<b>15</b>	<b>6</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>800</b>
<b>Hardwood species groups</b>														
<b>Eastern hardwood species groups</b>														
Select white oaks	16	21	27	25	24	28	18	12	24	5	--	19	10	228
Select red oaks	2	5	11	10	15	29	29	23	48	26	13	7	--	217
Other white oaks	6	11	15	21	22	36	28	17	12	4	--	7	--	180
Other red oaks	14	25	37	39	46	31	35	27	46	37	14	--	--	352
Hickory	5	8	7	13	18	16	7	3	4	--	8	--	--	88
Yellow birch	1	2	2	1	--	2	--	--	--	--	--	--	--	7
Hard maple	6	11	13	11	8	10	6	2	4	7	--	--	--	79
Soft maple	17	42	50	61	61	51	35	16	18	--	--	--	--	352
Beech	1	4	3	4	--	11	10	8	4	--	--	--	--	46
Sweetgum	6	9	12	16	34	21	30	15	10	9	6	--	--	169
Tupelo and blackgum	7	10	15	16	13	7	2	--	4	--	--	--	--	74
Ash	4	8	15	25	32	37	31	18	10	19	7	--	--	206
Cottonwood and aspen	0	2	3	1	3	--	2	3	4	4	--	--	--	23
Basswood	0	--	0	--	1	2	2	--	--	--	--	--	--	6
Yellow -poplar	2	4	6	5	18	20	38	23	48	24	75	--	14	278
Black walnut	0	2	2	2	6	7	3	5	--	--	--	--	--	27
Other eastern soft hardwoods	7	8	15	11	8	1	4	5	8	5	--	8	--	79
Other eastern hard hardwoods	10	12	22	21	19	6	13	--	3	4	--	--	--	109
<b>All hardwoods</b>	<b>103</b>	<b>186</b>	<b>255</b>	<b>281</b>	<b>327</b>	<b>317</b>	<b>293</b>	<b>178</b>	<b>245</b>	<b>145</b>	<b>123</b>	<b>41</b>	<b>24</b>	<b>2,518</b>
<b>All species groups</b>	<b>161</b>	<b>301</b>	<b>420</b>	<b>447</b>	<b>476</b>	<b>407</b>	<b>331</b>	<b>193</b>	<b>251</b>	<b>145</b>	<b>123</b>	<b>41</b>	<b>24</b>	<b>3,319</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 NJ-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, New Jersey, 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	--	--	25.2	1.9	27.1
Other yellow pines	--	25.5	320.1	194.0	539.6
Eastern white and red pines	--	0.7	17.8	35.5	54.0
Eastern hemlock	--	0.4	9.1	2.3	11.8
Other eastern softwoods	--	--	117.7	50.3	168.0
<b>All softwoods</b>	--	26.6	489.8	284.0	800.5
<b>Hardwood species groups</b>					
<b>Eastern hardwood species groups</b>					
Select white oaks	--	2.6	88.5	136.9	228.0
Select red oaks	--	0.6	92.1	124.3	217.1
Other white oaks	--	8.4	78.8	92.5	179.7
Other red oaks	--	6.3	164.4	181.1	351.8
Hickory	--	--	18.6	69.3	87.8
Yellow birch	--	--	3.6	3.9	7.4
Hard maple	--	--	18.3	60.9	79.3
Soft maple	--	7.0	107.6	236.9	351.5
Beech	--	--	10.9	34.6	45.5
Sweetgum	--	4.4	47.5	116.8	168.7
Tupelo and blackgum	--	7.2	22.0	44.8	74.0
Ash	--	1.5	32.7	172.0	206.2
Cottonwood and aspen	--	--	5.8	16.8	22.6
Basswood	--	--	0.5	5.3	5.8
Yellow-poplar	--	--	50.6	227.4	278.0
Black walnut	--	--	6.9	19.9	26.8
Other eastern soft hardwoods	--	1.5	8.3	69.3	79.1
Other eastern hard hardwoods	--	4.0	40.5	64.3	108.9
<b>All hardwoods</b>	--	43.6	797.6	1,676.9	2,518.2
<b>All species groups</b>	--	70.3	1,287.5	1,960.9	3,318.6

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

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

Species group	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	12	33	41	6	8	--	--	--	--	--	--	101
Other yellow pines	380	426	413	253	74	37	27	--	--	--	--	1,612
Eastern white and red pines	31	45	53	47	8	27	--	--	--	--	--	211
Eastern hemlock	6	7	3	4	8	10	--	--	--	--	--	38
Other eastern softwoods	73	109	109	84	63	--	--	--	--	--	--	438
<b>All softwoods</b>	<b>502</b>	<b>621</b>	<b>619</b>	<b>395</b>	<b>161</b>	<b>74</b>	<b>27</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>2,400</b>
<b>Hardwood species groups</b>												
<b>Eastern hardwood species groups</b>												
Select white oaks	--	88	100	129	90	63	131	29	--	121	66	817
Select red oaks	--	34	61	130	137	115	252	148	78	45	--	999
Other white oaks	--	73	86	152	126	78	59	23	--	41	--	639
Other red oaks	--	129	188	140	168	137	244	213	85	--	--	1,305
Hickory	--	45	75	76	32	15	19	--	52	--	--	315
Yellow birch	--	3	--	7	--	--	--	--	--	--	--	10
Hard maple	--	40	35	46	30	12	20	45	--	--	--	228
Soft maple	--	200	242	226	170	79	92	--	--	--	--	1,009
Beech	--	12	--	54	50	44	25	--	--	--	--	186
Sweetgum	--	54	139	96	145	77	54	54	34	--	--	653
Tupelo and blackgum	--	54	52	31	9	--	20	--	--	--	--	167
Ash	--	87	132	174	157	94	54	110	43	--	--	851
Cottonwood and aspen	--	3	14	--	12	14	23	25	--	--	--	91
Basswood	--	--	5	8	11	--	--	--	--	--	--	25
Yellow-poplar	--	17	75	95	188	121	267	143	479	--	100	1,486
Black walnut	--	6	24	34	13	28	--	--	--	--	--	105
Other eastern soft hardwoods	--	39	34	5	19	24	41	29	--	51	--	242
Other eastern hard hardwoods	--	79	80	27	65	--	13	20	--	--	--	283
<b>All hardwoods</b>	<b>--</b>	<b>962</b>	<b>1,342</b>	<b>1,431</b>	<b>1,422</b>	<b>901</b>	<b>1,318</b>	<b>840</b>	<b>772</b>	<b>258</b>	<b>166</b>	<b>9,411</b>
<b>All species groups</b>	<b>502</b>	<b>1,583</b>	<b>1,962</b>	<b>1,826</b>	<b>1,583</b>	<b>976</b>	<b>1,345</b>	<b>840</b>	<b>772</b>	<b>258</b>	<b>166</b>	<b>11,811</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 board feet.  
 Columns and rows may not add to their totals due to rounding.

Table NJ-19a.—Net volume of sawtimber trees, in million board feet (Doyle rule), on timberland by species group, species, and diameter class, New Jersey, 2013

Species group	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	4	16	25	4	6	--	--	--	--	--	--	55
Other yellow pines	131	204	248	175	57	32	25	--	--	--	--	871
Eastern white and red pines	11	22	32	33	6	23	--	--	--	--	--	126
Eastern hemlock	2	3	2	3	6	9	--	--	--	--	--	25
Other eastern softwoods	25	52	65	58	49	--	--	--	--	--	--	249
<b>All softwoods</b>	<b>173</b>	<b>297</b>	<b>371</b>	<b>273</b>	<b>124</b>	<b>64</b>	<b>25</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>1,326</b>
<b>Hardwood species groups</b>												
<b>Eastern hardwood species groups</b>												
Select white oaks	--	37	51	76	59	45	105	27	--	137	75	612
Select red oaks	--	14	31	76	90	83	204	131	88	51	--	768
Other white oaks	--	31	44	90	83	56	48	20	--	47	--	417
Other red oaks	--	54	96	82	111	99	197	193	96	--	--	927
Hickory	--	19	39	45	21	11	15	--	59	--	--	208
Yellow birch	--	1	--	4	--	--	--	--	--	--	--	6
Hard maple	--	17	18	27	20	8	17	42	--	--	--	149
Soft maple	--	83	124	133	111	57	75	--	--	--	--	583
Beech	--	5	--	32	33	31	21	--	--	--	--	122
Sweetgum	--	23	71	56	95	55	43	49	39	--	--	432
Tupelo and blackgum	--	23	27	18	6	--	17	--	--	--	--	90
Ash	--	36	67	102	103	67	42	96	49	--	--	564
Cottonwood and aspen	--	1	7	--	8	10	19	22	--	--	--	68
Basswood	--	--	3	5	8	--	--	--	--	--	--	15
Yellow -poplar	--	7	38	56	124	87	215	128	544	--	114	1,313
Black walnut	--	2	13	20	8	20	--	--	--	--	--	63
Other eastern soft hardwoods	--	16	17	3	13	18	34	25	--	58	--	184
Other eastern hard hardwoods	--	33	41	16	42	--	10	17	--	--	--	160
<b>All hardwoods</b>	<b>--</b>	<b>401</b>	<b>687</b>	<b>841</b>	<b>934</b>	<b>647</b>	<b>1,063</b>	<b>752</b>	<b>876</b>	<b>293</b>	<b>189</b>	<b>6,683</b>
<b>All species groups</b>	<b>173</b>	<b>698</b>	<b>1,058</b>	<b>1,114</b>	<b>1,058</b>	<b>711</b>	<b>1,088</b>	<b>752</b>	<b>876</b>	<b>293</b>	<b>189</b>	<b>8,009</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 board feet.  
 Columns and rows may not add to their totals due to rounding.

Table NJ-20.—Net volume of saw-log portion of sawtimber trees, in million cubic feet, on timberland by species group, species, and ownership group, New Jersey, 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	--	--	20.4	1.6	22.1
Other yellow pines	--	17.1	222.3	122.4	361.8
Eastern white and red pines	--	0.6	14.4	28.7	43.7
Eastern hemlock	--	0.3	6.9	1.7	8.9
Other eastern softwoods	--	--	90.9	24.7	115.7
<b>All softwoods</b>	--	18.0	355.0	179.1	552.1
<b>Hardwood species groups</b>					
<b>Eastern hardwood species groups</b>					
Select white oaks	--	2.2	50.4	82.6	135.2
Select red oaks	--	0.4	70.5	96.4	167.4
Other white oaks	--	5.6	49.2	66.8	121.6
Other red oaks	--	4.5	103.5	119.4	227.5
Hickory	--	--	9.0	46.8	55.8
Yellow birch	--	--	--	1.9	1.9
Hard maple	--	--	7.9	32.4	40.2
Soft maple	--	4.6	55.4	136.2	196.2
Beech	--	--	6.6	24.4	31.1
Sweetgum	--	2.5	29.7	85.3	117.5
Tupelo and blackgum	--	5.0	6.7	21.1	32.8
Ash	--	0.9	21.4	125.4	147.7
Cottonwood and aspen	--	--	2.8	12.0	14.8
Basswood	--	--	--	4.4	4.4
Yellow-poplar	--	--	41.5	183.1	224.6
Black walnut	--	--	5.2	13.3	18.5
Other eastern soft hardwoods	--	--	1.0	39.2	40.2
Other eastern hard hardwoods	--	1.5	19.3	31.5	52.3
<b>All hardwoods</b>	--	27.3	480.1	1,122.2	1,629.6
<b>All species groups</b>	--	45.3	835.1	1,301.4	2,181.7

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

Owner class	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
<b>Other Federal</b>							
National Park Service	--	--	--	1.8	--	1.8	1.8
Fish and Wildlife Service	--	--	--	0.6	--	0.6	0.6
Department of Defense or Energy	1.5	--	1.5	--	--	--	1.5
Other Federal	--	0.1	0.1	--	--	--	0.1
<b>State and local government</b>							
State	16.5	0.1	16.5	0.1	0.0	0.1	16.7
Local (county, municipal, etc.)	11.2	--	11.2	2.9	--	2.9	14.1
<b>Private</b>							
Undifferentiated private	43.9	0.1	44.0	--	--	--	44.0
<b>All owners</b>	<b>73.0</b>	<b>0.3</b>	<b>73.3</b>	<b>5.5</b>	<b>0.0</b>	<b>5.5</b>	<b>78.9</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 NJ-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, New Jersey, 2013**

Forest-type group	Stand-size class					All size classes
	Large diameter	Medium diameter	Small diameter	Chaparral	Non stocked	
White / red / jack pine group	-0.5	--	--	--	--	-0.5
Loblolly / shortleaf pine group	9.8	6.7	0.2	--	--	16.7
Other eastern softwoods group	--	0.9	0.3	--	--	1.1
Exotic softwoods group	--	--	0.1	--	--	0.1
Oak / pine group	4.1	-0.2	0.2	--	--	4.1
Oak / hickory group	35.7	7.6	4.0	--	--	47.4
Oak / gum / cypress group	1.8	1.7	-0.1	--	--	3.5
Elm / ash / cottonwood group	1.6	0.1	0.5	--	--	2.2
Maple / beech / birch group	2.2	0.6	0.0	--	--	2.9
Aspen / birch group	0.4	--	--	--	--	0.4
Other hardwoods group	0.7	0.2	--	--	--	0.9
Exotic hardwoods group	0.0	--	--	--	--	0.0
Nonstocked	--	--	--	--	0.1	0.1
<b>All forest-type groups</b>	<b>55.9</b>	<b>17.6</b>	<b>5.3</b>	<b>--</b>	<b>0.1</b>	<b>78.9</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 NJ-23.—Average annual net growth of live trees (at least 5 inches d.b.h./d.r.c.), in million cubic feet, on forest land by species group, species, and ownership group, New Jersey, 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	--	--	0.4	-0.3	0.1
Other yellow pines	--	1.2	9.6	5.2	16.0
Eastern white and red pines	--	0.7	0.6	-0.2	1.1
Eastern hemlock	--	0.3	-0.6	0.1	-0.2
Other eastern softwoods	--	0.1	1.0	1.2	2.3
<b>All softwoods</b>	--	2.3	11.1	6.0	19.4
<b>Hardwood species groups</b>					
<b>Eastern hardwood species groups</b>					
Select white oaks	--	0.1	1.4	1.5	3.1
Select red oaks	--	0.3	2.9	2.8	6.0
Other white oaks	--	0.3	1.4	1.7	3.3
Other red oaks	--	0.2	3.6	2.9	6.7
Hickory	--	0.1	1.2	2.0	3.2
Yellow birch	--	--	0.1	0.1	0.1
Hard maple	--	0.0	0.1	0.7	0.9
Soft maple	--	-0.1	3.2	5.7	8.8
Beech	--	0.1	-0.8	1.1	0.4
Sweetgum	--	0.1	1.9	3.1	5.2
Tupelo and blackgum	--	0.0	0.6	1.0	1.6
Ash	--	0.1	0.4	1.7	2.2
Cottonwood and aspen	--	--	-0.8	0.5	-0.3
Basswood	--	--	0.0	0.2	0.2
Yellow-poplar	--	--	3.1	10.2	13.3
Black walnut	--	--	0.8	1.0	1.7
Other eastern soft hardwoods	--	0.0	0.0	1.2	1.3
Other eastern hard hardwoods	--	0.6	0.5	0.4	1.6
Eastern noncommercial hardwoods	--	0.0	0.0	0.2	0.2
<b>All hardwoods</b>	--	1.8	19.7	38.0	59.5
<b>All species groups</b>	--	4.1	30.8	44.0	78.9

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 NJ-24.—Average annual net growth of growing-stock trees (at least 5 inches d.b.h.), in million cubic feet, on timberland by species group, species, and ownership group, New Jersey, 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	--	--	0.4	0.0	0.4
Other yellow pines	--	2.2	9.5	5.4	17.0
Eastern white and red pines	--	0.1	0.6	-0.4	0.4
Eastern hemlock	--	0.0	-0.5	0.0	-0.4
Other eastern softwoods	--	--	1.0	0.9	1.9
<b>All softwoods</b>	--	2.3	11.0	6.0	19.3
<b>Hardwood species groups</b>					
<b>Eastern hardwood species groups</b>					
Select white oaks	--	0.0	1.1	1.3	2.4
Select red oaks	--	0.0	2.5	2.1	4.7
Other white oaks	--	0.1	0.9	1.4	2.4
Other red oaks	--	0.1	2.2	3.3	5.6
Hickory	--	--	0.9	1.7	2.6
Yellow birch	--	--	0.0	0.1	0.0
Hard maple	--	--	-0.1	0.6	0.6
Soft maple	--	0.1	2.5	4.5	7.1
Beech	--	--	0.3	0.9	1.1
Sweetgum	--	0.1	1.2	2.5	3.9
Tupelo and blackgum	--	-0.2	0.3	0.9	1.0
Ash	--	0.0	0.2	1.9	2.1
Cottonwood and aspen	--	--	-0.5	0.5	0.0
Basswood	--	--	0.0	0.1	0.1
Yellow-poplar	--	--	1.3	9.2	10.5
Black walnut	--	--	0.4	0.7	1.1
Other eastern soft hardwoods	--	0.0	0.1	0.5	0.6
Other eastern hard hardwoods	--	0.1	0.1	0.5	0.7
<b>All hardwoods</b>	--	0.4	13.4	32.6	46.4
<b>All species groups</b>	--	2.8	24.4	38.5	65.7

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 NJ-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, New Jersey, 2013

Owner class	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
<b>Other Federal</b>							
National Park Service	--	--	--	0.0	--	0.0	0.0
Fish and Wildlife Service	--	--	--	0.1	--	0.1	0.1
Department of Defense or Energy	0.5	--	0.5	--	--	--	0.5
Other Federal	--	0.2	0.2	--	--	--	0.2
<b>State and local government</b>							
State	11.6	--	11.6	4.0	--	4.0	15.6
Local (county, municipal, etc.)	5.9	--	5.9	2.5	--	2.5	8.3
<b>Private</b>							
Undifferentiated private	20.3	--	20.3	--	--	--	20.3
<b>All owners</b>	<b>38.2</b>	<b>0.2</b>	<b>38.4</b>	<b>6.6</b>	<b>--</b>	<b>6.6</b>	<b>45.1</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 NJ-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, New Jersey, 2013**

Forest-type group	Stand-size class					All size classes
	Large diameter	Medium diameter	Small diameter	Chaparral	Non stocked	
White / red / jack pine group	1.2	--	--	--	--	1.2
Loblolly / shortleaf pine group	4.3	0.5	0.3	--	--	5.1
Oak / pine group	0.7	2.9	0.1	--	--	3.6
Oak / hickory group	19.3	3.6	0.1	--	--	23.0
Oak / gum / cypress group	4.1	0.4	0.1	--	--	4.6
Elm / ash / cottonwood group	2.5	0.4	--	--	--	2.9
Maple / beech / birch group	4.0	0.2	--	--	--	4.3
Other hardwoods group	0.2	--	--	--	--	0.2
Nonstocked	--	--	--	--	0.1	0.1
<b>All forest-type groups</b>	<b>36.4</b>	<b>8.0</b>	<b>0.5</b>	<b>--</b>	<b>0.1</b>	<b>45.1</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 NJ-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, New Jersey, 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	--	--	0.2	--	0.2
Other yellow pines	--	0.0	3.7	2.0	5.7
Eastern white and red pines	--	--	0.0	1.2	1.2
Eastern hemlock	--	--	0.8	--	0.8
Other eastern softwoods	--	--	2.3	0.9	3.2
<b>All softwoods</b>	--	0.0	7.0	4.0	11.1
<b>Hardwood species groups</b>					
<b>Eastern hardwood species groups</b>					
Select white oaks	--	0.0	2.2	0.6	2.9
Select red oaks	--	--	2.5	0.6	3.0
Other white oaks	--	--	0.8	0.3	1.2
Other red oaks	--	0.2	4.5	2.8	7.4
Yellow birch	--	--	0.1	--	0.1
Hard maple	--	--	0.6	0.5	1.2
Soft maple	--	0.0	2.1	4.1	6.2
Beech	--	--	--	0.0	0.0
Sweetgum	--	--	0.2	0.6	0.7
Tupelo and blackgum	--	0.4	0.2	0.0	0.6
Ash	--	0.0	1.1	3.1	4.3
Cottonwood and aspen	--	--	1.0	0.2	1.1
Yellow -poplar	--	--	0.0	0.1	0.1
Other eastern soft hardwoods	--	0.1	0.6	2.6	3.3
Other eastern hard hardwoods	--	0.0	0.9	0.6	1.5
Eastern noncommercial hardwoods	--	--	0.1	0.2	0.3
<b>All hardwoods</b>	--	0.8	16.9	16.3	33.9
<b>All species groups</b>	--	0.8	23.9	20.3	45.1

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

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

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

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

Table NJ-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, New Jersey, 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	--	--	0.2	--	0.2
Other yellow pines	--	--	1.9	1.6	3.5
Eastern white and red pines	--	--	0.0	1.1	1.1
Eastern hemlock	--	--	0.6	--	0.6
Other eastern softwoods	--	--	2.3	0.9	3.1
<b>All softwoods</b>	--	--	4.9	3.6	8.5
<b>Hardwood species groups</b>					
<b>Eastern hardwood species groups</b>					
Select white oaks	--	--	1.5	0.6	2.1
Select red oaks	--	--	1.1	0.5	1.6
Other white oaks	--	--	0.7	0.3	1.0
Other red oaks	--	--	4.1	2.4	6.5
Yellow birch	--	--	0.1	--	0.1
Hard maple	--	--	0.6	0.5	1.0
Soft maple	--	--	0.4	2.7	3.1
Beech	--	--	--	0.0	0.0
Sweetgum	--	--	0.1	0.5	0.6
Tupelo and blackgum	--	0.3	0.2	0.0	0.6
Ash	--	--	0.8	2.7	3.5
Cottonwood and aspen	--	--	0.6	0.1	0.7
Yellow-poplar	--	--	0.0	0.1	0.1
Other eastern soft hardwoods	--	0.1	0.1	1.5	1.6
Other eastern hard hardwoods	--	--	0.5	0.5	1.0
<b>All hardwoods</b>	--	0.4	10.8	12.4	23.6
<b>All species groups</b>	--	0.4	15.7	16.1	32.1

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

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

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

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

Table NJ-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, New Jersey, 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	--	--	--	--	--
Other yellow pines	--	--	0.0	0.3	0.3
Eastern white and red pines	--	--	--	--	--
Eastern hemlock	--	--	--	--	--
Other eastern softwoods	--	--	0.1	--	0.1
<b>All softwoods</b>	--	--	0.1	0.3	0.4
<b>Hardwood species groups</b>					
<b>Eastern hardwood species groups</b>					
Select white oaks	--	--	0.0	0.5	0.6
Select red oaks	--	--	0.9	0.9	1.8
Other white oaks	--	--	--	0.5	0.5
Other red oaks	--	--	0.1	4.3	4.4
Hickory	--	--	--	0.0	0.0
Yellow birch	--	--	--	--	--
Hard maple	--	--	--	0.1	0.1
Soft maple	--	--	--	0.5	0.5
Beech	--	--	--	--	--
Sweetgum	--	--	--	4.7	4.7
Tupelo and blackgum	--	--	--	--	--
Ash	--	--	--	0.7	0.7
Cottonwood and aspen	--	--	0.5	--	0.5
Basswood	--	--	--	--	--
Yellow-poplar	--	--	--	1.1	1.1
Black walnut	--	--	--	--	--
Other eastern soft hardwoods	--	--	0.0	1.1	1.1
Other eastern hard hardwoods	--	--	0.4	--	0.4
Eastern noncommercial hardwoods	--	--	0.1	--	0.1
<b>All hardwoods</b>	--	--	2.0	14.5	16.5
<b>All species groups</b>	--	--	2.1	14.7	16.9

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 NJ-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, New Jersey, 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>					
Other yellow pines	--	--	1.0	0.3	1.3
Other eastern softwoods	--	--	0.1	--	0.1
<b>All softwoods</b>	--	--	1.1	0.3	1.3
<b>Hardwood species groups</b>					
<b>Eastern hardwood species groups</b>					
Select white oaks	--	--	0.9	0.5	1.4
Select red oaks	--	--	1.8	0.8	2.6
Other white oaks	--	--	0.2	0.5	0.7
Other red oaks	--	--	0.1	3.8	3.9
Hickory	--	--	0.4	0.0	0.4
Hard maple	--	--	0.3	0.1	0.5
Soft maple	--	--	--	0.4	0.4
Sweetgum	--	--	--	4.0	4.0
Tupelo and blackgum	--	--	0.0	--	0.0
Ash	--	--	0.1	0.6	0.7
Cottonwood and aspen	--	--	0.4	--	0.4
Yellow-poplar	--	--	--	1.0	1.0
Other eastern soft hardwoods	--	--	0.0	0.5	0.5
Other eastern hard hardwoods	--	--	0.2	--	0.2
<b>All hardwoods</b>	--	--	4.4	12.3	16.7
<b>All species groups</b>	--	--	5.4	12.6	18.0

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 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 NJ-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, New Jersey, 2013

Owner class	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
<b>Other Federal</b>							
National Park Service	--	--	--	3,528	--	3,528	3,528
Fish and Wildlife Service	--	--	--	968	--	968	968
Department of Defense or Energy	2,198	--	2,198	--	--	--	2,198
<b>State and local government</b>							
State	22,492	232	22,725	6,469	--	6,469	29,194
Local (county, municipal, etc.)	15,239	--	15,239	5,759	--	5,759	20,998
<b>Private</b>							
Undifferentiated private	60,254	--	60,254	--	--	--	60,254
<b>All owners</b>	<b>100,183</b>	<b>232</b>	<b>100,416</b>	<b>16,724</b>	<b>--</b>	<b>16,724</b>	<b>117,140</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 NJ-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, New Jersey, 2013

Species group	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>																
Loblolly and shortleaf pines	1	16	20	27	80	181	205	27	47	--	--	--	--	--	--	604
Other yellow pines	201	791	1,333	2,381	2,944	2,558	2,339	1,379	414	169	51	62	--	--	--	14,623
Eastern white and red pines	1	--	20	76	172	223	200	165	57	89	48	57	72	88	122	1,392
Eastern hemlock	0	10	37	56	92	90	47	20	34	45	--	--	71	--	--	503
Other eastern softwoods	153	280	356	443	509	528	446	314	223	--	--	--	--	--	--	3,252
<b>All softwoods</b>	<b>357</b>	<b>1,096</b>	<b>1,766</b>	<b>2,983</b>	<b>3,797</b>	<b>3,581</b>	<b>3,237</b>	<b>1,905</b>	<b>776</b>	<b>304</b>	<b>99</b>	<b>119</b>	<b>143</b>	<b>88</b>	<b>122</b>	<b>20,373</b>
<b>Hardwood species groups</b>																
<b>Eastern hardwood species groups</b>																
Select white oaks	63	334	784	816	964	1,011	976	1,157	886	379	801	460	--	157	1,056	9,842
Select red oaks	11	37	82	231	500	383	617	902	1,407	870	1,107	770	932	151	621	8,622
Other white oaks	55	117	276	440	608	803	821	1,301	873	671	254	209	261	--	219	6,909
Other red oaks	83	339	657	961	1,325	1,467	1,581	1,287	1,225	1,007	1,027	721	706	484	450	13,321
Hickory	47	98	196	326	238	520	687	686	299	96	120	--	--	200	260	3,774
Yellow birch	5	86	49	84	93	62	--	78	50	--	--	--	--	--	--	506
Hard maple	43	290	199	436	482	367	314	375	238	69	--	108	57	152	--	3,130
Soft maple	344	627	787	1,661	1,783	2,262	2,248	1,824	1,292	881	282	230	108	109	151	14,591
Beech	27	54	61	116	110	144	18	322	335	232	26	127	--	63	--	1,634
Sweetgum	37	51	181	244	323	480	819	590	754	643	220	256	97	124	134	4,953
Tupelo and blackgum	69	345	326	367	501	467	344	185	94	60	--	170	--	113	--	3,040
Ash	27	98	208	383	537	1,028	1,196	1,209	891	593	381	--	548	--	195	7,294
Cottonwood and aspen	1	--	6	46	56	24	113	--	48	54	--	83	85	--	--	515
Basswood	--	--	2	8	14	13	42	28	38	--	--	--	--	--	--	145
Yellow-poplar	22	57	73	114	150	109	414	416	804	650	500	464	575	279	2,091	6,718
Black walnut	7	31	18	83	80	88	157	276	131	195	--	--	--	--	--	1,068
Other eastern soft hardwoods	144	435	438	483	628	371	327	134	120	240	--	180	121	122	185	3,927
Other eastern hard hardwoods	190	526	554	564	1,023	1,054	779	305	556	--	276	--	109	--	--	5,935
Eastern noncommercial hardwoods	148	155	148	115	108	110	26	32	--	--	--	--	--	--	--	843
<b>All hardwoods</b>	<b>1,324</b>	<b>3,680</b>	<b>5,047</b>	<b>7,477</b>	<b>9,522</b>	<b>10,763</b>	<b>11,480</b>	<b>11,106</b>	<b>10,040</b>	<b>6,639</b>	<b>4,995</b>	<b>3,779</b>	<b>3,599</b>	<b>1,954</b>	<b>5,362</b>	<b>96,767</b>
<b>All species groups</b>	<b>1,681</b>	<b>4,777</b>	<b>6,813</b>	<b>10,459</b>	<b>13,320</b>	<b>14,344</b>	<b>14,717</b>	<b>13,011</b>	<b>10,815</b>	<b>6,943</b>	<b>5,094</b>	<b>3,898</b>	<b>3,742</b>	<b>2,043</b>	<b>5,483</b>	<b>117,140</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 NJ-54.—Area of forest land, in thousand acres, by inventory unit, county, and forest-land status, New Jersey, 2013

Inventory unit and county	Unreserved forests			Reserved forests			All forest land
	Timberland	Unproductive	Total	Productive	Unproductive	Total	
<b>State</b>							
Burlington	264.9	--	264.9	6.7	--	6.7	271.7
Cumberland	121.3	--	121.3	6.4	--	6.4	127.7
Hunterdon	92.6	--	92.6	20.2	--	20.2	112.8
Monmouth	67.9	--	67.9	14.8	--	14.8	82.7
Morris	117.8	--	117.8	31.0	--	31.0	148.8
Ocean	213.4	--	213.4	19.6	--	19.6	233.0
Salem	62.3	--	62.3	--	--	--	62.3
Sussex	175.5	--	175.5	62.0	--	62.0	237.5
Warren	115.5	--	115.5	13.5	--	13.5	129.0
Bergen/Essex/Hudson/Passaic/Union	69.2	3.0	72.2	31.0	--	31.0	103.2
Camden/Gloucester	56.0	--	56.0	20.4	--	20.4	76.4
Mercer/Middlesex/Somerset	163.7	--	163.7	22.2	--	22.2	185.9
Atlantic/Cape May	211.9	5.1	217.0	13.8	--	13.8	230.8
<b>Total</b>	<b>1,731.9</b>	<b>8.0</b>	<b>1,739.9</b>	<b>261.7</b>	<b>--</b>	<b>261.7</b>	<b>2,001.6</b>
<b>All counties</b>	<b>1,731.9</b>	<b>8.0</b>	<b>1,739.9</b>	<b>261.7</b>	<b>--</b>	<b>261.7</b>	<b>2,001.6</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.

Bergen/Essex/Hudson/Passaic/Union = Bergen, Essex, Hudson, Passaic, and Union Counties

Mercer/Middlesex/Somerset = Mercer, Middlesex, and Somerset Counties

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

Inventory unit and county	Forest Service		Other Federal		State and local government		Undifferentiated private		All forest land
	Timber-land	Other forest land	Timber-land	Other forest land	Timber-land	Other forest land	Timber-land	Other forest land	
<b>State</b>									
Burlington	--	--	19.0	--	162.9	6.7	83.0	--	271.7
Cumberland	--	--	--	--	59.8	6.4	61.5	--	127.7
Hunterdon	--	--	--	--	5.8	20.2	86.7	--	112.8
Monmouth	--	--	13.5	--	23.6	14.8	30.8	--	82.7
Morris	--	--	8.4	6.7	44.6	24.3	64.8	--	148.8
Ocean	--	--	11.6	7.2	140.4	12.5	61.4	--	233.0
Salem	--	--	--	--	6.7	--	55.5	--	62.3
Sussex	--	--	--	35.1	62.8	26.9	112.6	--	237.5
Warren	--	--	--	6.7	13.5	6.7	102.0	--	129.0
Bergen/Essex/Hudson/Passaic/Union	--	--	--	--	49.8	34.0	19.4	--	103.2
Camden/Gloucester	--	--	--	--	15.3	20.4	40.7	--	76.4
Mercer/Middlesex/Somerset	--	--	--	--	40.1	22.2	123.6	--	185.9
Atlantic/Cape May	--	--	--	10.5	87.6	8.3	124.4	--	230.8
<b>Total</b>	--	--	52.5	66.2	712.9	203.5	966.5	--	2,001.6
<b>All counties</b>	--	--	52.5	66.2	712.9	203.5	966.5	--	2,001.6

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

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

Bergen/Essex/Hudson/Passaic/Union = Bergen, Essex, Hudson, Passaic, and Union Counties

Mercer/Middlesex/Somerset = Mercer, Middlesex, and Somerset Counties

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

Inventory unit and county	Stand-size class					All size classes
	Large diameter	Medium diameter	Small diameter	Chaparral	Nonstocked	
<b>State</b>						
Burlington	155.8	93.3	15.9	--	--	264.9
Cumberland	64.0	57.3	--	--	--	121.3
Hunterdon	56.7	28.5	1.6	--	5.8	92.6
Monmouth	54.6	10.2	3.1	--	--	67.9
Morris	114.9	1.2	--	--	1.7	117.8
Ocean	119.4	73.3	20.7	--	--	213.4
Salem	46.7	11.9	1.3	--	2.4	62.3
Sussex	160.5	13.3	1.6	--	--	175.5
Warren	97.7	8.7	1.3	--	7.8	115.5
Bergen/Essex/Hudson/Passaic/Union	54.4	14.8	--	--	--	69.2
Camden/Gloucester	47.6	8.4	--	--	--	56.0
Mercer/Middlesex/Somerset	116.0	28.2	14.4	--	5.1	163.7
Atlantic/Cape May	79.1	129.9	2.9	--	--	211.9
<b>Total</b>	<b>1,167.4</b>	<b>478.9</b>	<b>62.8</b>	<b>--</b>	<b>22.8</b>	<b>1,731.9</b>
<b>All counties</b>	<b>1,167.4</b>	<b>478.9</b>	<b>62.8</b>	<b>--</b>	<b>22.8</b>	<b>1,731.9</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.

Bergen/Essex/Hudson/Passaic/Union = Bergen, Essex, Hudson, Passaic, and Union Counties

Mercer/Middlesex/Somerset = Mercer, Middlesex, and Somerset Counties

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

Inventory unit and county	Stocking class of growing-stock trees					All classes
	Nonstocked	Poorly stocked	Moderately stocked	Fully stocked	Over-stocked	
<b>State</b>						
Burlington	1.6	36.2	137.0	79.4	10.7	264.9
Cumberland	1.7	26.7	58.2	34.7	--	121.3
Hunterdon	7.8	13.3	50.7	20.8	--	92.6
Monmouth	--	14.6	30.1	17.8	5.3	67.9
Morris	1.7	24.2	43.0	48.9	--	117.8
Ocean	7.2	76.7	87.6	40.3	1.6	213.4
Salem	3.1	4.8	18.7	32.8	2.9	62.3
Sussex	--	20.2	67.5	87.8	--	175.5
Warren	9.1	24.7	58.0	23.8	--	115.5
Bergen/Essex/Hudson/Passaic/Union	0.5	13.5	12.9	42.2	--	69.2
Camden/Gloucester	0.2	6.1	12.2	37.5	--	56.0
Mercer/Middlesex/Somerset	6.6	28.5	46.6	82.0	0.0	163.7
Atlantic/Cape May	1.9	48.6	101.4	56.6	3.4	211.9
<b>Total</b>	<b>41.3</b>	<b>338.0</b>	<b>723.9</b>	<b>604.7</b>	<b>23.9</b>	<b>1,731.9</b>
<b>All counties</b>	<b>41.3</b>	<b>338.0</b>	<b>723.9</b>	<b>604.7</b>	<b>23.9</b>	<b>1,731.9</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.

Bergen/Essex/Hudson/Passaic/Union = Bergen, Essex, Hudson, Passaic, and Union Counties

Mercer/Middlesex/Somerset = Mercer, Middlesex, and Somerset Counties

Table NJ-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, New Jersey, 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>State</b>										
Burlington	189.7	72.3	88.7	64.8	415.5	564.5	190.6	315.6	204.9	1,275.7
Cumberland	57.7	22.3	39.0	65.6	184.7	201.1	69.5	122.1	134.7	527.3
Hunterdon	14.6	6.7	73.8	111.2	206.3	66.6	10.6	281.3	413.6	772.1
Monmouth	23.0	--	61.3	55.4	139.7	78.5	--	213.3	237.7	529.5
Morris	--	1.7	98.1	214.7	314.5	--	2.7	435.0	870.1	1,307.8
Ocean	153.7	5.9	27.9	36.1	223.7	432.7	14.1	61.9	73.3	581.9
Salem	3.7	1.0	82.7	71.3	158.7	12.6	1.0	359.3	331.1	703.9
Sussex	3.3	5.8	60.5	343.4	413.0	11.2	7.9	166.3	1,332.7	1,518.1
Warren	--	4.3	84.8	174.9	263.9	--	2.5	381.2	675.2	1,058.9
Bergen/Essex/Hudson/Passaic/Union	20.4	8.3	49.6	106.9	185.3	69.7	25.4	199.7	411.1	705.8
Camden/Gloucester	25.6	18.8	45.0	40.6	130.0	71.4	62.2	184.0	153.8	471.4
Mercer/Middlesex/Somerset	3.4	1.6	197.8	169.7	372.5	10.9	0.7	749.8	778.8	1,540.2
Atlantic/Cape May	125.5	31.0	71.3	83.0	310.7	404.6	88.9	204.3	120.2	817.9
<b>Total</b>	<b>620.7</b>	<b>179.7</b>	<b>980.4</b>	<b>1,537.8</b>	<b>3,318.6</b>	<b>1,923.8</b>	<b>476.1</b>	<b>3,673.6</b>	<b>5,737.1</b>	<b>11,810.6</b>
<b>All counties</b>	<b>620.7</b>	<b>179.7</b>	<b>980.4</b>	<b>1,537.8</b>	<b>3,318.6</b>	<b>1,923.8</b>	<b>476.1</b>	<b>3,673.6</b>	<b>5,737.1</b>	<b>11,810.6</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.

Bergen/Essex/Hudson/Passaic/Union = Bergen, Essex, Hudson, Passaic, and Union Counties

Mercer/Middlesex/Somerset = Mercer, Middlesex, and Somerset Counties

**Table 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, New Jersey, 2013**

Inventory unit and county	Growing stock					Saw timber				
	Major species group					Major species group				
	Pine	Other	Soft	Hard	All species	Pine	Other	Soft	Hard	All species
		softwoods	hardwoods	hardwoods			softwoods	hardwoods	hardwoods	
	(In million cubic feet)					(In million board feet)				
<b>State</b>										
Burlington	189.7	72.3	88.7	64.8	415.5	285.2	105.6	219.6	163.9	774.3
Cumberland	57.7	22.3	39.0	65.6	184.7	123.5	39.0	73.8	72.0	308.2
Hunterdon	14.6	6.7	73.8	111.2	206.3	45.0	7.3	194.1	263.5	509.9
Monmouth	23.0	--	61.3	55.4	139.7	43.4	--	171.3	212.4	427.1
Morris	--	1.7	98.1	214.7	314.5	--	1.2	369.6	603.3	974.1
Ocean	153.7	5.9	27.9	36.1	223.7	230.2	9.1	31.1	38.1	308.4
Salem	3.7	1.0	82.7	71.3	158.7	6.3	0.3	262.8	278.3	547.7
Sussex	3.3	5.8	60.5	343.4	413.0	6.7	3.6	103.4	884.5	998.1
Warren	--	4.3	84.8	174.9	263.9	--	1.1	294.4	417.1	712.6
Bergen/Essex/Hudson/Passaic/Union	20.4	8.3	49.6	106.9	185.3	33.7	16.8	181.4	285.0	517.0
Camden/Gloucester	25.6	18.8	45.0	40.6	130.0	39.1	40.1	126.6	93.1	299.0
Mercer/Middlesex/Somerset	3.4	1.6	197.8	169.7	372.5	5.5	0.3	539.9	619.3	1,165.0
Atlantic/Cape May	125.5	31.0	71.3	83.0	310.7	233.6	49.8	117.7	66.9	467.9
<b>Total</b>	<b>620.7</b>	<b>179.7</b>	<b>980.4</b>	<b>1,537.8</b>	<b>3,318.6</b>	<b>1,052.2</b>	<b>274.1</b>	<b>2,685.7</b>	<b>3,997.4</b>	<b>8,009.4</b>
<b>All counties</b>	<b>620.7</b>	<b>179.7</b>	<b>980.4</b>	<b>1,537.8</b>	<b>3,318.6</b>	<b>1,052.2</b>	<b>274.1</b>	<b>2,685.7</b>	<b>3,997.4</b>	<b>8,009.4</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.

Bergen/Essex/Hudson/Passaic/Union = Bergen, Essex, Hudson, Passaic, and Union Counties

Mercer/Middlesex/Somerset = Mercer, Middlesex, and Somerset Counties

**Table NJ-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, New Jersey, 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>State</b>										
Burlington	7.0	1.5	1.2	-0.9	8.7	28.3	6.9	8.6	1.2	45.0
Cumberland	0.7	0.1	0.6	1.1	2.6	3.8	0.8	4.2	4.2	13.0
Hunterdon	0.2	0.1	5.8	2.2	8.2	1.1	0.3	22.1	12.9	36.3
Monmouth	0.5	--	1.9	0.9	3.3	2.5	--	8.2	5.5	16.2
Morris	--	0.0	0.5	1.6	2.1	--	0.0	5.3	12.7	18.0
Ocean	6.0	-1.0	-0.4	1.1	5.6	22.6	-1.6	-3.5	4.8	22.4
Salem	0.1	0.0	2.5	1.1	3.6	0.4	0.0	12.0	9.1	21.4
Sussex	0.1	-0.1	1.1	4.8	5.9	0.4	-0.5	5.7	31.7	37.4
Warren	--	0.1	1.9	3.3	5.3	--	0.1	12.2	19.4	31.7
Bergen/Essex/Hudson/Passaic/Union	-0.8	-0.3	1.3	2.5	2.6	-2.6	-0.4	6.5	13.6	17.2
Camden/Gloucester	0.7	0.6	1.3	1.1	3.7	3.2	1.9	6.6	4.0	15.7
Mercer/Middlesex/Somerset	0.1	0.0	4.0	2.7	6.9	0.2	--	22.0	12.4	34.6
Atlantic/Cape May	3.2	0.5	1.6	1.7	7.0	16.1	2.4	6.4	4.6	29.6
<b>Total</b>	<b>17.8</b>	<b>1.5</b>	<b>23.2</b>	<b>23.3</b>	<b>65.7</b>	<b>76.0</b>	<b>10.1</b>	<b>116.3</b>	<b>136.1</b>	<b>338.6</b>
<b>All counties</b>	<b>17.8</b>	<b>1.5</b>	<b>23.2</b>	<b>23.3</b>	<b>65.7</b>	<b>76.0</b>	<b>10.1</b>	<b>116.3</b>	<b>136.1</b>	<b>338.6</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.

Bergen/Essex/Hudson/Passaic/Union = Bergen, Essex, Hudson, Passaic, and Union Counties

Mercer/Middlesex/Somerset = Mercer, Middlesex, and Somerset Counties

**Table NJ-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, New Jersey, 2013**

Inventory unit and county	Growing stock					Saw timber				
	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>State</b>										
Burlington	7.0	1.5	1.2	-0.9	8.7	12.9	3.4	5.5	-0.2	21.7
Cumberland	0.7	0.1	0.6	1.1	2.6	2.4	0.3	2.4	2.0	7.0
Hunterdon	0.2	0.1	5.8	2.2	8.2	0.7	0.2	13.1	7.3	21.3
Monmouth	0.5	--	1.9	0.9	3.3	1.3	--	5.7	4.9	11.9
Morris	--	0.0	0.5	1.6	2.1	--	0.0	4.7	8.1	12.8
Ocean	6.0	-1.0	-0.4	1.1	5.6	10.3	-0.4	-5.5	2.1	6.5
Salem	0.1	0.0	2.5	1.1	3.6	0.2	0.0	7.5	5.5	13.2
Sussex	0.1	-0.1	1.1	4.8	5.9	0.2	-0.2	3.6	19.4	23.0
Warren	--	0.1	1.9	3.3	5.3	--	0.0	8.9	11.4	20.3
Bergen/Essex/Hudson/Passaic/Union	-0.8	-0.3	1.3	2.5	2.6	-1.3	-0.1	4.7	9.7	13.0
Camden/Gloucester	0.7	0.6	1.3	1.1	3.7	1.5	1.1	4.2	1.7	8.5
Mercer/Middlesex/Somerset	0.1	0.0	4.0	2.7	6.9	0.1	--	13.9	9.1	23.1
Atlantic/Cape May	3.2	0.5	1.6	1.7	7.0	8.2	1.2	3.4	1.8	14.6
<b>Total</b>	<b>17.8</b>	<b>1.5</b>	<b>23.2</b>	<b>23.3</b>	<b>65.7</b>	<b>36.5</b>	<b>5.5</b>	<b>72.2</b>	<b>82.9</b>	<b>197.0</b>
<b>All counties</b>	<b>17.8</b>	<b>1.5</b>	<b>23.2</b>	<b>23.3</b>	<b>65.7</b>	<b>36.5</b>	<b>5.5</b>	<b>72.2</b>	<b>82.9</b>	<b>197.0</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.

Bergen/Essex/Hudson/Passaic/Union = Bergen, Essex, Hudson, Passaic, and Union Counties

Mercer/Middlesex/Somerset = Mercer, Middlesex, and Somerset Counties

Table NJ-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, New Jersey, 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>State</b>										
Burlington	--	--	--	0.6	0.6	--	--	--	1.3	1.3
Cumberland	--	--	0.1	0.1	0.2	--	--	--	0.4	0.4
Hunterdon	--	--	1.0	0.5	1.6	--	--	5.5	2.3	7.8
Monmouth	0.2	--	0.3	0.6	1.1	--	--	--	--	--
Morris	--	0.1	0.0	1.3	1.4	--	--	--	6.6	6.6
Ocean	0.5	--	--	0.1	0.6	0.7	--	--	--	0.7
Salem	--	--	2.1	0.6	2.6	--	--	12.3	2.7	15.0
Sussex	--	--	--	0.8	0.8	--	--	--	2.6	2.6
Bergen/Essex/Hudson/Passaic/Union	--	--	--	2.9	2.9	--	--	--	9.6	9.6
Camden/Gloucester	--	--	0.1	0.4	0.5	--	--	0.4	1.6	2.0
Mercer/Middlesex/Somerset	--	--	2.7	--	2.7	--	--	10.4	--	10.4
Atlantic/Cape May	0.6	--	0.0	2.4	3.0	1.4	--	--	2.9	4.3
<b>Total</b>	1.3	0.1	6.4	10.3	18.0	2.1	--	28.5	30.0	60.6
<b>All counties</b>	1.3	0.1	6.4	10.3	18.0	2.1	--	28.5	30.0	60.6

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

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

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

Bergen/Essex/Hudson/Passaic/Union = Bergen, Essex, Hudson, Passaic, and Union Counties

Mercer/Middlesex/Somerset = Mercer, Middlesex, and Somerset Counties

Table NJ-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, New Jersey, 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>State</b>										
Burlington	--	--	--	0.6	0.6	--	--	--	0.8	0.8
Cumberland	--	--	0.1	0.1	0.2	--	--	--	0.2	0.2
Hunterdon	--	--	1.0	0.5	1.6	--	--	4.3	1.2	5.5
Monmouth	0.2	--	0.3	0.6	1.1	--	--	--	--	--
Morris	--	0.1	0.0	1.3	1.4	--	--	--	5.4	5.4
Ocean	0.5	--	--	0.1	0.6	0.3	--	--	--	0.3
Salem	--	--	2.1	0.6	2.6	--	--	13.9	1.8	15.7
Sussex	--	--	--	0.8	0.8	--	--	--	1.7	1.7
Bergen/Essex/Hudson/Passaic/Union	--	--	--	2.9	2.9	--	--	--	6.0	6.0
Camden/Gloucester	--	--	0.1	0.4	0.5	--	--	--	1.0	1.0
Mercer/Middlesex/Somerset	--	--	2.7	--	2.7	--	--	5.6	--	5.6
Atlantic/Cape May	0.6	--	0.0	2.4	3.0	0.7	--	--	1.3	1.9
<b>Total</b>	1.3	0.1	6.4	10.3	18.0	1.0	--	23.8	19.3	44.1
<b>All counties</b>	1.3	0.1	6.4	10.3	18.0	1.0	--	23.8	19.3	44.1

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

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

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

Bergen/Essex/Hudson/Passaic/Union = Bergen, Essex, Hudson, Passaic, and Union Counties

Mercer/Middlesex/Somerset = Mercer, Middlesex, and Somerset Counties

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

Inventory unit and county	Forest area	Timberland area	Growing stock				Saw timber			
			Volume	Average annual net growth	Average annual removals	Average annual mortality	Volume	Average annual net growth	Average annual removals	Average annual mortality
<b>State</b>										
Burlington	13.75	13.92	19.02	27.70	97.21	29.75	20.76	21.34	97.21	45.00
Cumberland	21.44	22.24	26.14	35.72	100.00	37.93	28.78	32.78	100.00	42.05
Hunterdon	21.97	23.78	31.56	37.31	71.35	36.44	34.85	36.28	75.50	- -
Monmouth	26.56	29.36	37.39	33.36	88.62	63.32	46.68	39.14	- -	73.25
Morris	19.23	21.53	25.53	100.00	81.37	49.53	27.43	62.94	90.11	52.76
Ocean	15.54	16.15	19.16	55.43	100.00	47.48	21.23	49.59	100.00	64.38
Salem	28.81	28.81	34.53	37.36	91.89	67.47	37.30	36.35	92.18	72.75
Sussex	15.52	18.27	20.25	33.14	79.22	38.16	21.72	28.44	99.89	55.96
Warren	20.99	22.09	26.05	27.18	- -	54.14	26.85	27.63	- -	78.32
Bergen/Essex/Hudson/Passaic/Union	24.02	29.32	36.76	100.00	100.00	42.57	42.87	77.11	100.00	47.63
Camden/Gloucester	26.97	30.54	37.76	42.27	100.00	78.37	40.76	43.63	100.00	100.00
Mercer/Middlesex/Somerset	16.32	17.62	24.80	26.48	77.68	50.75	26.56	28.00	76.56	97.21
Atlantic/Cape May	15.53	16.31	18.73	27.57	67.91	36.54	21.91	28.22	82.03	55.98
<b>Total</b>	2.23	3.10	4.92	10.48	31.15	13.22	6.25	8.72	34.73	19.19
<b>All counties</b>	2.23	3.10	4.92	10.48	31.15	13.22	6.25	8.72	34.73	19.19

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

Bergen/Essex/Hudson/Passaic/Union = Bergen, Essex, Hudson, Passaic, and Union Counties

Mercer/Middlesex/Somerset = Mercer, Middlesex, and Somerset Counties