

Rhode Island's Forest Resources, 2012

Research Note NRS-190

This publication provides an overview of forest resource attributes for Rhode Island based on an annual inventory conducted by the Forest Inventory and Analysis (FIA) program at the Northern Research Station of the U.S. Forest Service. These estimates, along with [web-posted core tables](#), will be updated annually. For more information please refer to page 3 of this report.

Table 1. – Annual estimates, uncertainty, and change

	Estimate 2012	Sampling error (%)	Change since 2007 (%)
Forest Land Estimates			
Area (1,000 acres)	364	4.0	2.2
Number of live trees 1-inch diameter or larger (million trees)	173	8.1	-2.8
Dry biomass of live trees 1-inch diameter or larger (1,000 tons)	24,680	5.1	12.8
Net volume in live trees (1,000,000 ft ³)	865	5.5	11.4
Annual net growth of live trees (1,000 ft ³ /year)	21,401	15.1	.3
Annual mortality of live trees (1,000 ft ³ /year)	4,406	15.8	54.1
Annual harvest removals of live trees (1,000 ft ³ /year)	525	62.8	-90.0
Annual other removals of live trees (1,000 ft ³ /year)	2,101	75.2	878.3
Timberland Estimates			
Area (1,000 acres)	359	4.1	3.3
Number of live trees 1-inch diameter or larger (million trees)	173	8.1	-2.3
Dry biomass of live trees 1-inch diameter or larger (1,000 tons)	24,440	5.2	13.9
Net volume in live trees (1,000,000 ft ³)	857	5.6	12.6
Net volume of growing-stock trees (1,000,000 ft ³)	776	6.1	9.0
Annual net growth of growing-stock trees (1,000 ft ³ /year)	19,503	13.5	1.0
Annual mortality of growing-stock trees (1,000 ft ³ /year)	3,237	18.8	77.8
Annual harvest removals of growing-stock trees (1,000 ft ³ /year)	468	62.6	-89.0
Annual other removals of growing-stock trees (1,000 ft ³ /year)	1,412	71.8	758.2

Note: When available, sampling errors/bars provided in figures and tables represent 68 percent confidence intervals.

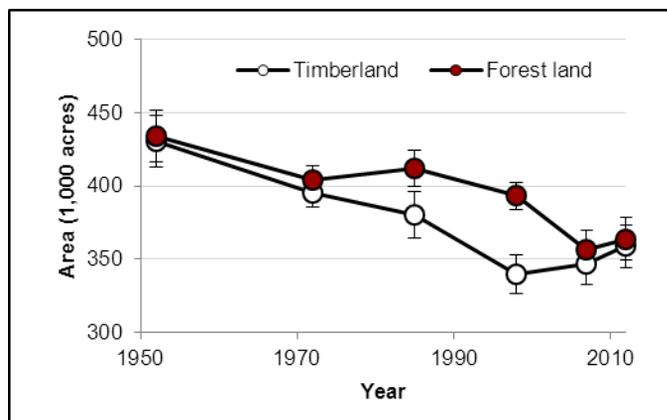


Figure 1. – Area of timberland and forest land by year.

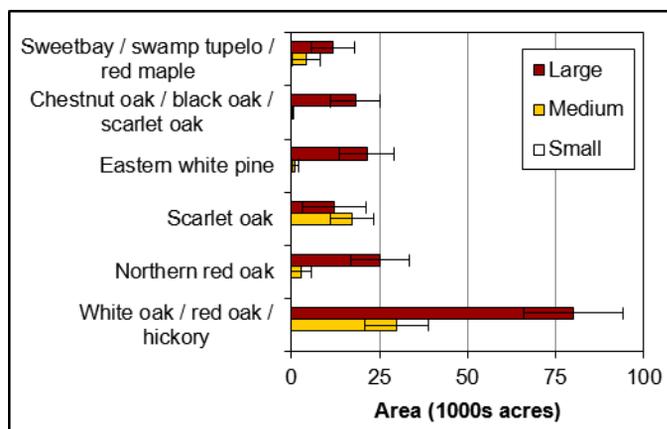


Figure 2. – Area of forest land by top six forest types and stand-size class*, 2008-2012.

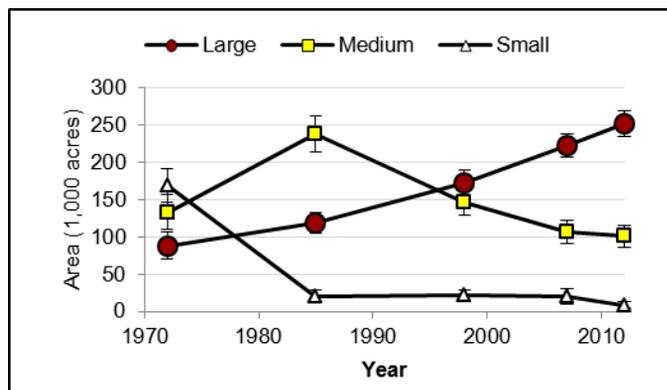


Figure 3. – Area of timberland by stand-size class* and year.

* Small: dominated by trees less than 5.0 inches d.b.h.; Medium: 5.0 to 8.9 inches d.b.h. for softwoods and 5.0 to 10.9 inches d.b.h. for hardwoods; Large: ≥ 9.0 inches for softwoods and 11.0 d.b.h. for hardwoods.



Table 2. – Top 10 tree species by statewide volume estimates, 2008-2012

Rank	Species	Volume of live trees on forest land			Volume of sawtimber trees on timberland		
		(1,000,000 ft ³)	Sampling error (%)	Change since 2007 (%)	(1,000,000 bdf)	Sampling error (%)	Change since 2007 (%)
1	Red maple	194	11.2	2.7	385	16.9	19.6
2	Eastern white pine	147	20.7	8.9	652	22.1	9.8
3	Northern red oak	124	17.7	45.8	497	21.6	86.6
4	Scarlet oak	87	15.0	11.2	230	16.9	40.2
5	Black oak	87	18.0	12.0	296	20.3	13.0
6	White oak	69	14.3	22.3	227	18.6	26.8
7	Sweet birch	23	26.6	31.6	29	43.4	-5.6
8	Pitch pine	21	48.1	-5.0	75	54.5	-3.7
9	Blackgum	18	32.1	84.4	55	39.5	127.3
10	Yellow birch	14	34.1	53.4	16	46.9	31.2
	Other softwoods	13	44.8	-57.6	30	62.9	-60.8
	Other hardwoods	70	15.4	4.4	145	20.4	-5.7
	All Species	865	5.5	11.4	2,637	8.2	21.9

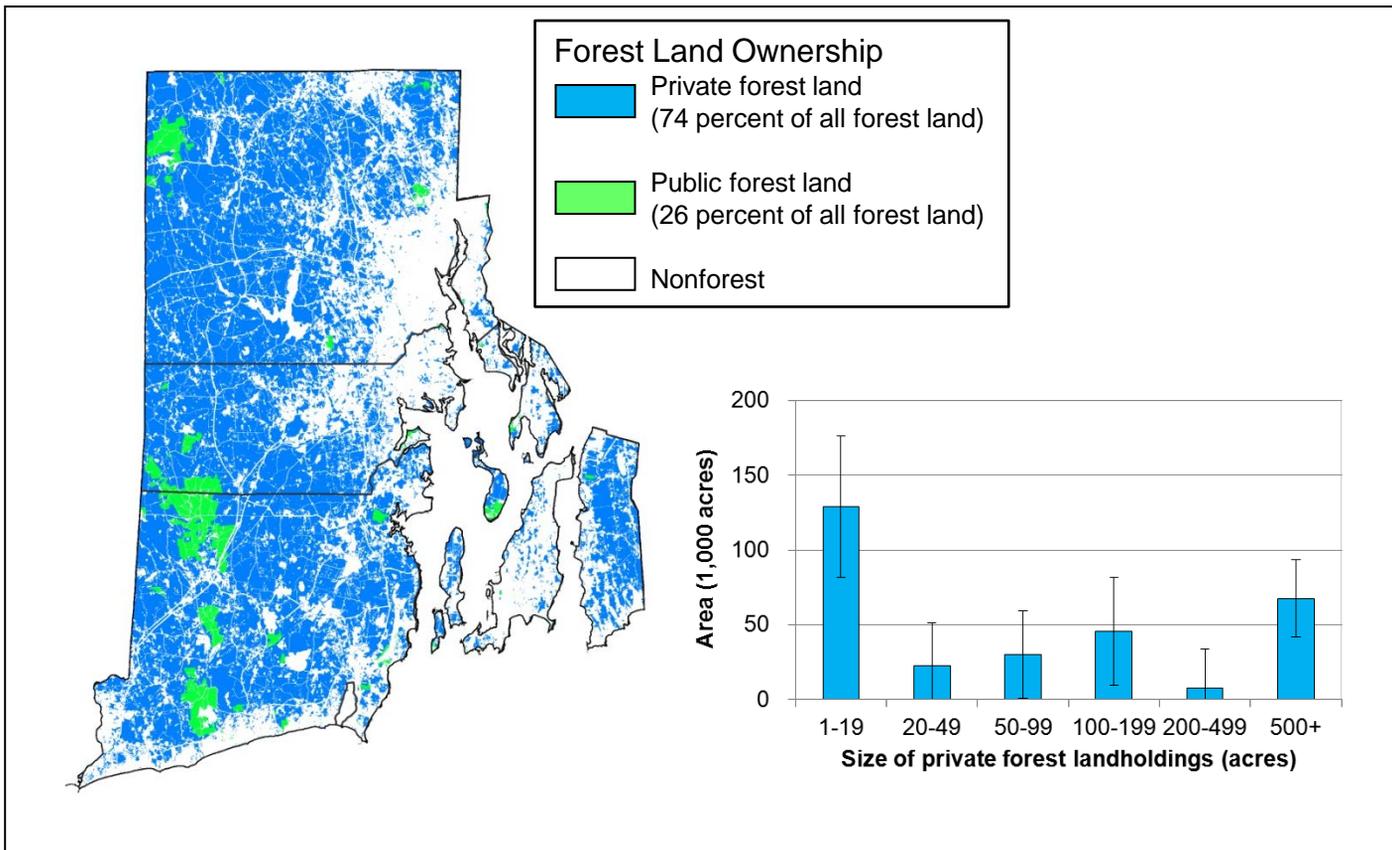


Figure 4. – Area of forest land by major owner group and size of private forest landholdings (2002-2006).



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FIA Program Information

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Additional Rhode Island Inventory Information

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Estimates, tabular data, and maps from this report may be generated at: www.fiatools.fs.fed.us

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