



# Firewood Comparison Report

State and Territory Firewood Relevant Regulations, Certifications,  
and Outreach Statuses across the USA

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**Authorship:** This report was authored by staff of The Nature Conservancy; Laurel Downs and Leigh Greenwood. Laurel and Leigh would like to thank all the state and federal staff that provided feedback, fact checking, and constructive criticism throughout the writing and completion of this report.

**Version information:** The information in this report was compiled between November 2021 and February 2022. Regulations, rules, outreach presence, and pest detection status can change rapidly, and therefore this report can only be considered a snapshot of conditions at the time that it was published. This is the second revision, July2022\_re-issue; a list of changes from last the version can be found on page 18.

**Reality Check:** This report contains hundreds of discrete facts and links- all of which are subject to change and/or human error. While the authors have made every reasonable effort to maintain accuracy and completion, errors and out-of-date data points are inevitable.

Find this report at <https://www.dontmovefirewood.org/firewood-regulation-certification-and-recommendation-report/>  
Version\_July 2022\_re-issue

# Executive Summary

## Purpose

**This report is designed to inform members of the forest health professional community** (federal, state, tribal, and regional regulatory officials; private and public employees, stakeholders, and volunteers) on the current variety of regulatory, certification, and outreach conditions pertaining to the movement of firewood within the United States. The information presented in this report has been formatted specifically to allow for ease of comparison within and across categories and geographies. The intended audience is not the general public, although this document and all webinars that will discuss it are freely and publicly available.

## Major conclusions

The federal deregulation of emerald ash borer in January 2021 was widely expected to lead to many changes. This report is a snapshot of what regulations, certifications, and recommendations are in place a year later- as well as those currently planned or proposed to be implemented or rescinded. We found that the regulatory environment applying to the inter- and intra-state movement of firewood varies greatly in type and prevalence across the United States. In addition to the dynamic situation of many forest pests, the different challenges faced by the state agencies' statutory authorities and priorities, forest conditions, and unique geographies, all combine to create a complex regulatory mosaic.

This widely variable landscape of rules, regulations, and certifications hinders situational understanding on the regional or local scale among regulators and agency staff. In turn, the lack of consistent rules across geographies and situations creates challenges for the rulemaking agencies to communicate their needs to in-state educational partners, further complicating the effective outreach necessary to achieve behavioral change among the public. Knowledge of existing rules and resources by both the firewood producer and firewood user populations may be reduced by the lack of consistent messaging across relevant public-facing state, local, or regional websites.

## Recommendations

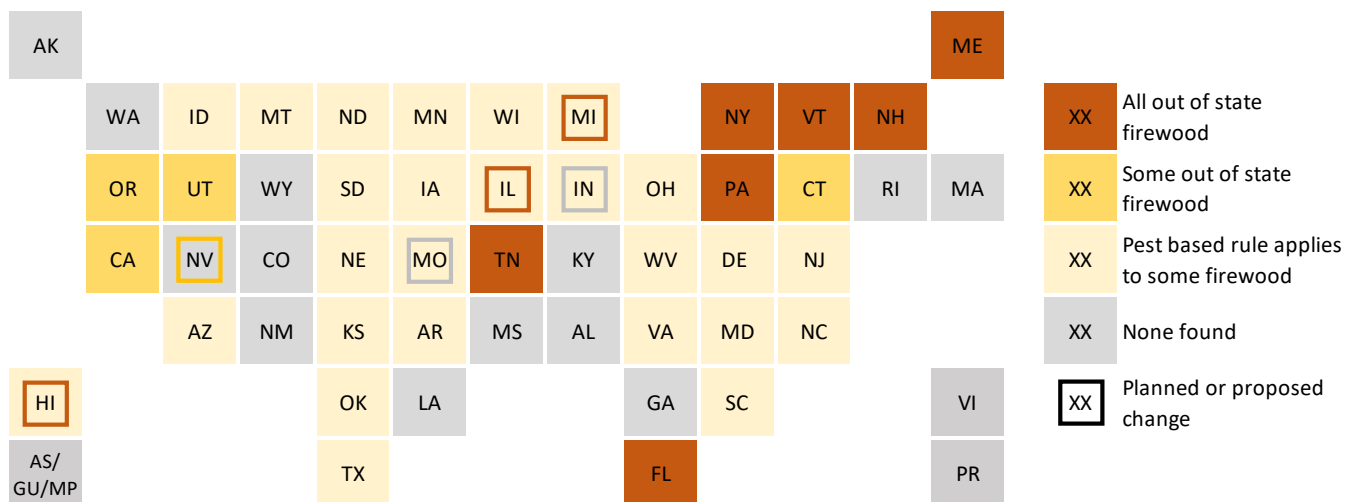
Greater regional consistency and readily available public-facing communications in multiple relevant locations would improve the understanding, and thereby likely increase effectiveness, of regulatory and educational efforts intended to protect against forest health threats.

States that have, or are considering implementing, a heat-treatment certification program should communicate intent and process on the certifying agencies' public website, as well as facilitate alignment of the treatments offered with other states' certification requirements within a given region.

Every state should provide easily accessible firewood recommendations in all identified user-friendly locations within state agency spheres of influence (state agency, extension, state parks, and public campground reservation sites, see Figure 3 and Table 4). While most federal lands were beyond the scope of this report, any federal lands with camping or day use areas that allow fires should also provide relevant recommendations on their sites in alignment with local, state, or federal plant protection rules. Educational messages should be accessible at each potential online and in-person location where the public may look for information; repetition of key messages across agencies, sites, and with concessionaires or contractors, is necessary for long term success.

# Firewood Relevant Statewide External Rules and Regulations

Figure 1. Comparative Map of Firewood External Rules, April 2022



**7 states regulate the entry of all species of out-of-state firewood<sup>1</sup>** through a state-based external firewood quarantine or rule (“All out of state firewood”).

- 3 states are planning to or have proposed to enact external firewood quarantines

**4 states regulate the entry of some but not all** species or categories of out of state firewood (“Some out of state firewood”) through state-based external firewood quarantines that do not apply to all species or sources.

- 1 state is planning to or has proposed to enact external firewood quarantines

**26 states hold external pest-based quarantines** that include firewood as a regulated item, thereby restricting the entry of some out-of-state firewood, when deemed relevant under pest-specific circumstances (such as all wood from an infested area, or wood of a particular tree species) (“Pest based rule applies to some firewood”)

- 2 states are planning to rescind all applicable pest-based quarantines

**13 states have no state held external regulations** found, during the researching of this report<sup>2</sup> (“None found”).

<sup>1</sup> Nearly all quarantines listed in this report contain exemptions for state and/or federally certified heat-treated firewood. Other limited exemptions, such as by proximity to a state border, also exist in some circumstances. Refer to Table 1a and 1b for details per each state’s exemptions and/or permitted types.

<sup>2</sup> **Note on federal exterior quarantines:** Federal laws provide protection from the import of untreated firewood into the United States from other countries. The federal timber permit requirements (7 CFR 319.40) functionally create a partial exterior quarantine for Hawai’i as well as the U.S. territories due to their island geography. Similarly, [firewood imported from Canada must meet heat-treatment certification standards](#) for legal entry. There are eleven states that share a land border with Canada where this law applies. This requirement is especially relevant to Alaska.

**Table 1a. Status of State-based Exterior Quarantines Affecting Firewood (alphabetical)**

State	Status
AL	<i>no state ext. Q.s found</i>
AK	<i>no state ext. Q.s found</i>
AZ	Pest based: state <a href="#">EAB &amp; Nut tree pests Q.</a> (all firewood)
AR	Pest based <a href="#">TCD Q.</a> ( <i>Juglans</i> sp., pg. 54)
CA	Firewood partial: all subject to inspection; <a href="#">Chestnut &amp; oak wilt Q.</a> ; <a href="#">EAB Q.</a> (hardwood FW); <a href="#">SLF Q.</a> ; <i>et al.</i>
CO	<i>no state ext. Q.s found</i>
CT	Firewood partial <a href="#">FW from or through any Q. area</a> ; <a href="#">SLF Q.</a>
DE	Pest based <a href="#">SLF Q.</a>
FL	Firewood complete <a href="#">ext. Q. on out-of-state firewood</a> (50mi from border exempt)
GA	<i>no state ext. Q.s found</i>
HI	2022 Planned, Firewood complete // Pest based <a href="#">pine spp. Q.</a> ( <i>Pinus</i> parts [PSM])
ID	Pest based ext. Q. on invasive species ( <a href="#">Administrative Rule</a> ; <a href="#">Plant Pest Act</a> )
IL	2022 Planned, Firewood complete // Pest based <a href="#">TCD ext. Q.</a> ( <i>Juglans</i> sp.; <i>being rescinded</i> )
IN	Pest based <a href="#">TCD ext. Q.</a> ( <i>Juglans</i> sp.; <i>being rescinded</i> )
IA	Pest based <a href="#">multispecies ext. Q and labeling requirement</a>
KS	Pest based <a href="#">TCD Q.</a> ( <i>Juglans</i> sp.)
KY	<i>no state ext. Q.s found</i>
LA	<i>no state ext. Q.s found</i>
ME	Firewood complete <a href="#">EAB Q. (hardwood FW)</a> ; <a href="#">ext. Q. on all un-treated firewood</a> (T314-c)
MD	Pest based <a href="#">SLF Q.</a>
MA	<i>no state ext. Q.s found</i>
MI	2022 Planned, Firewood complete (T314-a) // pest-based <a href="#">MPB Q.</a> , <a href="#">BWA Q.</a> , <a href="#">HWA Q.</a> , and <a href="#">TCD Q.</a> (hardwood, <i>being rescinded</i> )
MN	Pest based <a href="#">MPB Q.</a> (pine with bark); <a href="#">EAB Q.</a> (hardwood firewood)
MS	<i>no state ext. Q.s found</i>
MO	Pest based <a href="#">TCD ext. Q.</a> (hardwood FW; <i>being rescinded</i> )
MT	Pest based <a href="#">EAB Q.</a> (ash logs); <a href="#">European pine shoot moth Q.</a>
NE	Pest based <a href="#">TCD Q.</a> (hardwood FW)
NV	2022 Planned, Firewood partial: ext. Q. FW from quarantined area
NH	Firewood complete, <a href="#">ext. Q. on all un-treated firewood</a> (T314-a)
NJ	Pest based <a href="#">SLF Q.</a>
NM	<i>no state ext. Q.s found</i>
NY	Firewood complete <a href="#">ext. Q. on all un-treated firewood</a> (T314-c)
NC	Pest based <a href="#">TCD Q.</a> (hardwood FW); <a href="#">European Wood Wasp Q.</a> (pine)
ND	Pest based <a href="#">EAB Q.</a> (hardwood FW)
OH	Pest based <a href="#">SLF Q.</a>
OK	Pest based <a href="#">EAB Q.</a> (hardwood FW); <a href="#">TCD Q.</a> ( <i>Juglans</i> sp.)
OR	Firewood partial <a href="#">ext. Q. on FW outside of PNW</a> ; <a href="#">DED Q.</a> ; <a href="#">chestnut blight Q.</a>
PA	Firewood complete <a href="#">ext. Q. on all un-treated firewood</a> (kiln-dried, heat-treated, fumigated, &/or certified)
RI	<i>no state ext. Q.s found</i>
SC	Pest based <a href="#">ALB Q.</a> (hardwood FW)
SD	Pest based <a href="#">EAB Q.</a> (hardwood FW)
TN	Firewood complete <a href="#">ext. Q. on all un-treated firewood</a> (T314-c; border counties exempt) //PB: state <a href="#">IFA Q.</a>
TX	Pest based <a href="#">pecan weevil Q.</a> (all hickory, pecan, and walnut trees and parts thereof)
UT	Firewood partial: <a href="#">ext. Q. any FW from quarantined area or any FW held for sale</a> // pest-based <a href="#">EAB Q. (ash firewood)</a> ; <a href="#">SM Q.</a>
VT	Firewood complete <a href="#">ext. Q. on all un-treated firewood</a> (T314-c)
VA	Pest based <a href="#">SLF Q.</a> ; <a href="#">TCD Q.</a> ( <i>Juglans</i> sp.)
WA	<i>no state ext. Q.s found</i>
WV	Pest based <a href="#">TCD Q.</a> (hardwood FW)
WI	Pest based <a href="#">ALB Q.</a> ; <a href="#">MPB Q.</a> , <a href="#">P. ramorum Q.</a> , and <a href="#">TCD Q.</a> (all firewood, <i>being rescinded</i> )
WY	<i>no state ext. Q.s found</i>
PR/VI	<i>no territory-based ext. Q.s found</i>
GU/AS/MP	<i>no territory-based ext. Q.s found</i>

**Table 1b. Status of State-based Exterior Quarantines Affecting Firewood (categorical)**

State	Status
FL	Firewood complete <a href="#">ext. Q. on out-of-state firewood</a> (50mi from border exempt)
ME	Firewood complete <a href="#">EAB Q. (hardwood FW)</a> ; <a href="#">ext. Q. on all un-treated firewood</a> (T314-c)
NH	Firewood complete, <a href="#">ext. Q. on all un-treated firewood</a> (T314-a)
NY	Firewood complete <a href="#">ext. Q. on all un-treated firewood</a> (T314-c)
PA	Firewood complete <a href="#">ext. Q. on all un-treated firewood</a> (kiln-dried, heat-treated, fumigated, &/or certified)
TN	Firewood complete <a href="#">ext. Q. on all un-treated firewood</a> (T314-c; border counties exempt)//PB: state <a href="#">IFA Q.</a>
VT	Firewood complete <a href="#">ext. Q. on all un-treated firewood</a> (T314-c)
CT	Firewood partial <a href="#">FW from or through any Q. area</a> ; <a href="#">SLF Q.</a>
CA	Firewood partial: all subject to inspection; <a href="#">Chestnut &amp; oak wilt Q.</a> ; <a href="#">EAB Q.</a> (hardwood FW); <a href="#">SLF Q.</a> ; <i>et al.</i>
OR	Firewood partial <a href="#">ext. Q. on FW outside of PNW</a> ; <a href="#">DED Q.</a> ; <a href="#">chestnut blight Q.</a>
UT	Firewood partial: <a href="#">ext. Q. any FW from quarantined area or any FW held for sale</a> // pest-based <a href="#">EAB Q. (ash firewood)</a> ; <a href="#">SM Q.</a>
AZ	Pest based <a href="#">EAB &amp; Nut tree pests Q.</a> (all firewood)
AR	Pest based <a href="#">TCD Q.</a> ( <i>Juglans</i> sp., pg. 54)
DE	Pest based <a href="#">SLF Q.</a>
HI	<b>2022 Planned</b> , Firewood complete // Pest based <a href="#">pine spp. Q.</a> ( <i>Pinus</i> parts [PSM])
ID	Pest based ext. Q. on invasive species ( <a href="#">Administrative Rule</a> ; <a href="#">Plant Pest Act</a> )
IL	<b>2022 Planned</b> , Firewood complete // Pest based <a href="#">TCD ext. Q.</a> ( <i>Juglans</i> sp.; <i>being rescinded</i> )
IN	Pest based <a href="#">TCD ext. Q.</a> ( <i>Juglans</i> sp.; <i>being rescinded</i> )
IA	Pest based <a href="#">multispecies ext. Q and labeling requirement</a>
KS	Pest based <a href="#">TCD Q.</a> ( <i>Juglans</i> sp.)
MD	Pest based <a href="#">SLF Q.</a>
MI	<b>2022 Planned</b> , Firewood complete (T314-a) // pest-based <a href="#">MPB Q.</a> , <a href="#">BWA Q.</a> , <a href="#">HWA Q.</a> , and <a href="#">TCD Q.</a> (hardwood, <i>being rescinded</i> )
MN	Pest based <a href="#">MPB Q.</a> (pine with bark); <a href="#">EAB Q.</a> (non-coniferous firewood)
MO	Pest based <a href="#">TCD ext. Q.</a> (hardwood FW; <i>being rescinded</i> )
MT	Pest based <a href="#">EAB Q.</a> (ash logs); <a href="#">European pine shoot moth Q.</a>
NE	Pest based <a href="#">TCD Q.</a> (hardwood FW)
NJ	Pest based <a href="#">SLF Q.</a>
NC	Pest based <a href="#">TCD Q.</a> (hardwood FW); <a href="#">European Wood Wasp Q.</a> (pine)
ND	Pest based <a href="#">EAB Q.</a> (hardwood FW)
OH	Pest based <a href="#">SLF Q.</a>
OK	Pest based <a href="#">EAB Q.</a> (hardwood FW); <a href="#">TCD Q.</a> ( <i>Juglans</i> sp.)
SC	Pest based <a href="#">ALB Q.</a> (hardwood FW)
SD	Pest based <a href="#">EAB Q.</a> (hardwood FW)
TX	Pest based <a href="#">pecan weevil Q.</a> (all hickory, pecan, and walnut trees and parts thereof)
VA	Pest based <a href="#">SLF Q.</a> ; <a href="#">TCD Q.</a> ( <i>Juglans</i> sp.)
WV	Pest based <a href="#">TCD Q.</a> (hardwood FW)
WI	Pest based <a href="#">ALB Q.</a> ; <a href="#">MPB Q.</a> , <a href="#">P. ramorum Q.</a> , and <a href="#">TCD Q.</a> (all firewood, <i>being rescinded</i> )
AL	<i>no state ext. Q.s found</i>
AK	<i>no state ext. Q.s found</i>
CO	<i>no state ext. Q.s found</i>
GA	<i>no state ext. Q.s found</i>
KY	<i>no state ext. Q.s found</i>
LA	<i>no state ext. Q.s found</i>
MA	<i>no state ext. Q.s found</i>
MS	<i>no state ext. Q.s found</i>
NM	<i>no state ext. Q.s found</i>
NV	<b>2022 Planned</b> , Firewood partial: ext. Q. FW from quarantined area
RI	<i>no state ext. Q.s found</i>
WA	<i>no state ext. Q.s found</i>
WY	<i>no state ext. Q.s found</i>
PR/VI	<i>no territory ext. Q.s found</i>
GU/AS/MP	<i>no territory ext. Q.s found</i>

## Firewood Relevant State or Federal Intrastate Rules, Regulations, and Quarantines

Information is summarized as to whether a rule or regulation was found that may regulate the movement of firewood within a state or territory, or may restrict the export of firewood from a specified area. Intrastate movement restrictions may be firewood-specific and distance or geography-based (i.e., movement limitations by some distance or restrictions for stand land and or park rules), or they may be pest-based quarantines whereby firewood is a regulated article. Pest-based quarantines are categorized to indicate the associated governing entity (state or federal). Federal quarantines are further denoted in Table 2 to indicate the extent to which a state is within the quarantine area (i.e., “entire state” or “partial”) as entire state quarantines may or may not restrict the movement of firewood within a given area.

### ● States with **distance-based restrictions** on intrastate firewood movement:

- 1 state has geographical or distance-based restrictions on the movement of all un-treated firewood within the state, “FW specific int. Q.”
- IL has planned or proposed distance-based firewood quarantine, and ME has “Prohibition on Intrastate Movement of Certain Firewood” whereby intrastate movement must be accompanied with proof of intrastate origin or certification. Both are noted with a brick red **asterisk \*** in the chart below.

### ● State Lands and/or **parks specific regulations or statewide restrictions**:

- 9 states provide legal firewood regulations or official statewide policies regarding the movement of firewood onto state lands and/or parks, “state land regulation” or “state land restriction”
- VA has the legal framework and ability to enact a state lands regulation to prohibit outside firewood. This is noted with a gold **asterisk \*** in the chart below.

### ● States with **pest-specific quarantines** whereby the intrastate firewood movement is regulated:

- 22 states have internal, state-based pest quarantines on firewood, “Pest based state”

### ● States that are **either fully or partially under federal quarantines**<sup>3</sup> for a pest(s), whereby firewood is a regulated article, “Pest based fed.”

- [Asian longhorned beetle \(ALB\)](#): 4 states
- [Imported fire ant \(IFA\)](#): 14 states and Puerto Rico
- [Spongy moth \(SM\)](#): 20 states
- Sudden Oak Death, [Phytophthora ramorum \(P. ramorum\)](#): 2 states
- [Giant African Land Snail \(GAS\)](#): 2 states and 3 Island Territories

### ● **No interior firewood regulations** or pest-based quarantines were found

- 12 states and territories had no interior regulations found, “no int. Q.s found”

<sup>3</sup>**Federal quarantines** affecting only part of a state result in intrastate limitations on the movement of regulated items. States fully within a federal quarantine area may or may not have limitations on intrastate movement but do have limitations on regulated items intended for export to states outside of the federally regulated area.



**Table 2: Firewood Relevant State or Federal Intrastate Rules, Regulations, and Quarantines**

- **DB** = distance-based firewood quarantine or regulation
- **SL** = state land(s) and/or parks regulation or official statewide restriction
- **SPB** = state pest-based quarantine whereby intrastate firewood movement is restricted
- **FPB** = federal pest-based quarantine\* whereby firewood is a regulated article
- **N** = no interior quarantine(s) found

DB	SL	SPB	FPB	N	State	Interior Quarantines Affecting Firewood (alphabetical)
			●		AL	Pest based: <a href="#">fed. IFA Q.</a> (entire state)
				●	AK	<i>no int. Q.s found</i>
				●	AZ	<i>no int. Q.s found</i>
			●		AR	Pest based: <a href="#">fed. IFA Q.</a> (partial)
		●	●		CA	Pest based: <a href="#">fed. IFA Q.</a> (partial); <a href="#">state</a> & <a href="#">fed. P. ramorum Q.</a> (partial); state (CDFA) <a href="#">RIFA Q.</a> (partial)
				●	CO	<i>no int. Q.s found</i>
			●		CT	Pest based: <a href="#">fed. L. dispar Q.</a> (entire state)
	●	●	●		DE	Pest based: <a href="#">fed. L. dispar Q.</a> (entire state); state (DDA) <a href="#">SLF Q.</a> // state (DDA) land regulation: (no outside FW in state forests; <a href="#">sec. 7.7</a> )
			●		FL	Pest based: <a href="#">fed. IFA Q.</a> (entire state); <a href="#">fed. GAS Q.</a> (partial)
			●		GA	Pest based: <a href="#">fed IFA Q.</a> (entire state)
		●	●		HI	Pest based: int. Q., <a href="#">Rapid 'Ōhi'a Death</a> (partial); <a href="#">fed. GAS Q.</a>
				●	ID	<i>no int. Q.s found</i>
*			●		IL	Pest based: <a href="#">fed. L. dispar Q.</a> (partial) // *FW specific DB Q. planned
	●		●		IN	Pest based: <a href="#">fed. L. dispar Q.</a> (partial) // state land (NRC) regulation: DNR property <a href="#">rule</a> entry requirements, all outside FW
				●	IA	<i>no int. Q.s found</i>
				●	KS	<i>no int. Q.s found</i>
	●				KY	<i>no int. Q.s found</i> // state land restriction: park <a href="#">policy</a> on FW
		●	●		LA	Pest based: <a href="#">fed. IFA Q.</a> (entire state); state (LADF) <a href="#">EAB Q.</a> (hardwood FW)
*		●	●		ME	Pest based: state (MDAC&F) <a href="#">EAB Q.</a> ; <a href="#">fed. L. dispar Q.</a> (entire state) // *Firewood specific <a href="#">requirement</a> to carry proof of in-state origin or certification
	●	●	●		MD	Pest based: <a href="#">fed. L. dispar Q.</a> (entire state); state (MDA) <a href="#">SLF Q.</a> // state land restriction: no outside FW on MD <a href="#">property</a>
	●		●		MA	Pest based: fed <a href="#">ALB Q.</a> , <a href="#">fed. L. dispar Q.</a> (entire state) // state (DCR) land regulation: FW <a href="#">prohibited on or removed from</a> DCR property
			●		MI	Pest based: <a href="#">fed. L. dispar Q.</a> (entire state)
	●	●	●		MN	Pest based: <a href="#">fed. L. dispar Q.</a> (partial); state (MDA) <a href="#">EAB Q.</a> (hardwood firewood) // state land restriction: DNR firewood <a href="#">policy</a> , outside FW must be certified or proof from same county
			●		MS	Pest based: <a href="#">fed. IFA Q.</a> (entire state)
		●			MO	Pest based: state (entomologist) <a href="#">PSB Q.</a> (pine logs with bark attached)
				●	MT	<i>no int. Q.s found</i>
				●	NE	<i>no int. Q.s found</i>
				●	NV	<i>no int. Q.s found</i>
			●		NH	Pest based: <a href="#">fed. SM Q.</a> (entire state)
		●	●		NJ	Pest based: <a href="#">fed. SM Q.</a> (entire state); state (NJDA) <a href="#">SLF Q.</a>

**Table 2: Firewood Relevant State or Federal Intrastate Rules, Regulations, and Quarantines**

- **DB** = distance-based firewood quarantine or regulation
- **SL** = state land(s) and/or parks regulation or official statewide restriction
- **SPB** = state pest-based quarantine whereby intrastate firewood movement is restricted
- **FPB** = federal pest-based quarantine\* whereby firewood is a regulated article
- **N** = no interior quarantine(s) found

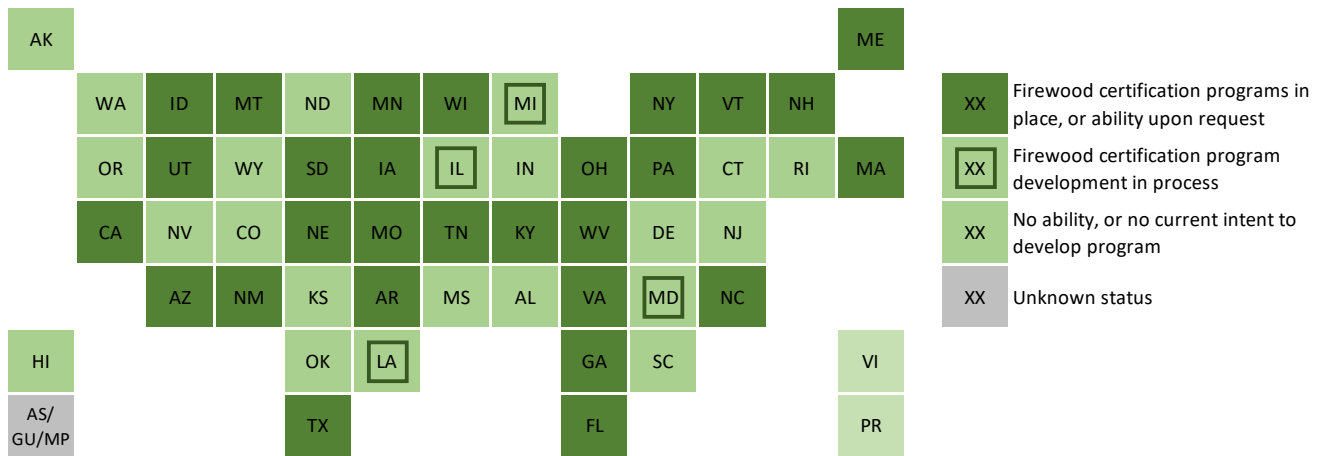
DB	SL	SPB	FPB	N	State	Interior Quarantines Affecting Firewood (alphabetical)
		●	●		NM	Pest based: fed. <a href="#">IFA Q.</a> (partial); state (NMSU & NMDA) <a href="#">RIFA Q.</a>
●		●	●		NY	<a href="#">FW specific int. Q.</a> : 50mile restriction (NYDEC) // Pest based: <a href="#">fed.</a> and <a href="#">state ALB Q.</a> ; state <a href="#">oak wilt Q.</a> ; <a href="#">fed. SM Q.</a> (*entire state)
		●	●		NC	Pest based: <a href="#">fed. IFA Q.</a> (partial); state (NCDA&CS) <a href="#">EAB Q. (hardwood FW)</a> (partial)
				●	ND	<i>no int. Q.s found</i>
		●	●		OH	Pest based: <a href="#">state</a> (ODA) & <a href="#">fed. ALB Q.</a> ; <a href="#">fed. SM Q.</a> (partial)
		●	●		OK	Pest based: fed. <a href="#">IFA Q.</a> (partial), state (ODAFF) <a href="#">EAB Q.</a>
		●	●		OR	Pest based: state (ODA) <a href="#">DED Q.</a> ; <a href="#">fed. P. ramorum Q.</a> (partial)
		●	●		PA	Pest based: <a href="#">fed. SM Q.</a> (*entire state); state (PDA) <a href="#">SLF Q.</a>
			●		RI	Pest based, <a href="#">fed. SM Q.</a> (*entire state)
		●	●		SC	Pest based: <a href="#">fed IFA Q.</a> (*entire state); <a href="#">state</a> (CUDPI/SCCPC) & <a href="#">fed. ALB Q.</a>
	●	●			SD	Pest based: state (SDDANR) <a href="#">EAB Q.</a> // state land restriction: state park FW <a href="#">policy</a> ; only <a href="#">EAB</a> certified safe-to-move FW allowed in state parks
		●	●		TN	Pest based: <a href="#">state</a> & <a href="#">fed. FA Q.</a> (partial), TDA <a href="#">boxwood blight Q.</a> ( <i>Buxus</i> spp. in any form)
		●	●		TX	Pest based: state (TDA) <a href="#">EAB Q. (non-coniferous FW, partial)</a> ; fed. <a href="#">IFA Q.</a> (partial); state <a href="#">pecan weevil Q.</a>
		●			UT	Pest based: <a href="#">state SM Q.</a> (UDAF)
	●	●	●		VT	Pest based: <a href="#">fed. SM Q.</a> (*entire state); <a href="#">state PSB Q.</a> (Logs of <i>Pinus</i> spp., with bark attached) // state land restriction: state park FW <a href="#">policy</a> requires outside firewood to be certified
	*	●	●		VA	Pest based: fed. <a href="#">IFA Q.</a> (partial); <a href="#">fed. SM Q.</a> (partial); state (VDACS) <a href="#">SLF Q.</a> ; <a href="#">TCD Q.</a> ( <i>Juglans</i> sp.) // * <a href="#">ability to implement state land reg.</a> to prohibit FW on parks
				●	WA	<i>no int. Q.s found</i>
			●		WV	Pest based: <a href="#">fed. SM Q.</a> (partial)
	●		●		WI	Pest based: <a href="#">fed. SM Q.</a> (partial) // state land regulation: FW <a href="#">regulation</a> prohibiting FW on DNR property from more than 10 miles away
				●	WY	<i>no int. Q.s found</i>
			●		PR	Pest based: <a href="#">fed IFA Q.</a> (*entire territory)
				●	VI	<i>no int. Q.s found, final status pending more information</i>
			●		GU/AS/MP	Pest based: <a href="#">fed. GAS Q.</a>

\*see the note on **federal quarantines**<sup>3</sup>, page 6, for key distinctions between partial and full federal quarantines in the intrastate firewood context.



# State-based Firewood Certification

Figure 2. Comparative Map of State-based Firewood Certification, April 2022



## Firewood certification programs in place, or ability to certify upon request

27 states currently have a state-based capability to certify firewood as heat-treated. This includes both currently standing active heat treatment certification programs, and programs not under use at this time but available upon request.

## Firewood certification program development in process

4 states are currently planning to start up certification programs in the future.

## No ability or no current intent to develop a state based heat-treatment certification program<sup>4</sup>

18 states indicated they either are unable to certify firewood as heat treated, or otherwise do not have the intent to develop a certification program at this time.

## Unknown Status

This report was unable to determine the firewood certification program status of the U.S. island territories in time to publish in this version.

<sup>4</sup> States that are partially or fully under federal quarantine for spongy moth (*Lymantria dispar*) may have the option to request federal officials enter into compliance agreements for the certification of firewood intended for export out of a federally quarantined area. This option was not included in the state certification program status evaluation listed above.

**Special Note:** During the research and correspondence process with state officials for the compiling of this report, **seven state plant regulatory officials expressed interest in a 3rd party certification option for the heat-treatment of firewood.**

**Table 3a. State-based Firewood Heat-treatment Certification (alphabetical)**

State	Status
AL	<i>does not certify, no plans to develop program</i>
AK	<i>does not certify, no current plans to develop program</i>
AZ	Can certify, will certify according to phytosanitary cert. specific to receiving state standards
AR	Can certify, currently certify facilities shipping wood out of state to T314-c
CA	Can certify, authority is with County Agricultural Commissioner, may certify upon request
CO	<i>does not certify, USDA handles heat-treatment certification in the state</i>
CT	<i>does not certify, no firewood certification program at this time</i>
DE	<i>does not certify, no firewood certification program at this time</i>
FL	Can certify, will certify to the T314-c standard
GA	Can certify, Department of Ag. can certify on as needed basis to T314-c
HI	<i>does not certify, no current capacity to certify heat-treatment</i>
ID	Can certify, offers compliance agreement for exportation of firewood to T314-c standard
IL	<b>2022 planned</b> , hope to implement cert. Program to T314-a standard
IN	<i>does not certify, the state asks vendors to use outside agency for certification</i>
IA	Can certify, Dept. of Ag. and Land Stewardship offers certification to T314-c and T314-a standards
KS	<i>does not certify, no plan to certify at this time</i>
KY	Can certify, Office of the state entomologist will certify to T314-c or T314-a standards
LA	<b>2022 planned</b> , plan on implementing program with certification ability to T314-c standard
ME	Can certify, Dept. of Ag. Conservation and Forestry will certify to T314-c standard
MD	<b>2022 planned</b> , planning on implementing program with certification ability by MD DNR
MA	Can certify, will certify on an as needed basis in conjunction with USDA
MI	<b>2022 planned</b> , planning on implementing program with certification ability to T314-a standard
MN	Can certify, Dept. of Ag. <a href="#">certification program</a> in place at T314-a standard
MS	<i>does not certify, no plans to implement cert. program at this time</i>
MO	Can certify, Dept. of Ag. will certify to standards of receiving state
MT	Can certify, will certify under phytosanitary cert. to the receiving states' standards
NE	Can certify, NE Dept. of Ag. can certify upon request
NV	<i>does not certify, no firewood certification program at this time</i>
NH	Can certify, will certify to <a href="#">compliance agreement standards for export</a>
NJ	<i>does not certify, no current program but could change with interest</i>
NM	Can certify, will enter compliance agreement and certify to the standards of the receiving state
NY	Can certify, cert. Program in place ; Dept. Of Ag. And Markets certifies to T314-c standard
NC	Can certify, Dept. of Ag. and Consumer Services will certify to T314-c
ND	<i>does not certify, does not have a program nor any known need</i>
OH	Can certify, will certify firewood for export
OK	<i>does not certify, currently no certification process but could change with interest</i>
OR	<i>does not certify, no firewood certification program at this time</i>
PA	Can certify, Dept. of Ag. will certify for export to the T314-c and T314-a standards
RI	<i>does not certify, currently no certification process but could change with interest</i>
SC	<i>does not certify, currently no certification process but could change if need arises</i>
SD	Can certify, Dept. Of Ag. And Natural Resources certifies to T314-a
TN	Can certify, <a href="#">TN certification program</a> offers T314-c and T314-c standards
TX	Can certify, treatment certifications are issued with compliance agreements to necessary standards
UT	Can certify, have program to certify to receiving states' standards, currently not requested/in use
VT	Can certify, VAAFM provides kiln certification to kiln drying operations
VA	Can certify, Dept. of Ag. and Consumer Services certifies up to T314-c
WA	<i>does not certify, state does not regulate firewood</i>
WV	Can certify, Dept. of Ag. will certify commercial producers exporting FW to T314-c standard
WI	Can certify, <a href="#">WI certification program</a> offers T314-a standard
WY	<i>does not certify, no need or plans to implement cert. program at this time</i>
PR	<i>does not certify, no firewood certification program at this time</i>
VI	<i>does not certify, no firewood certification program at this time</i>
GU/AS/MP	<i>Unknown status</i>

**Table 3b. State-based Firewood Heat-treatment Certification (categorical)**

State	Status
AZ	Can certify, will certify according to phytosanitary cert. specific to receiving state standards
AR	Can certify, currently certify facilities shipping wood out of state to T314-c
CA	Can certify, authority is with County Agricultural Commissioner, may certify upon request
FL	Can certify, will certify to the T314-c standard
GA	Can certify, Department of Ag. can certify on as needed basis to T314-c
ID	Can certify, offers compliance agreement for exportation of firewood to T314-c standard
IA	Can certify, Dept. of Ag. and Land Stewardship offers certification to T314-c and T314-a standards
KY	Can certify, Office of the state entomologist will certify to T314-c or T314-a standards
ME	Can certify, Dept. of Ag. Conservation and Forestry will certify to T314-c standard
MA	Can certify, will certify on an as needed basis in conjunction with USDA
MN	Can certify, Dept. of Ag. <a href="#">certification program</a> in place at T314-a standard
MO	Can certify, Dept. of Ag. will certify to standards of receiving state
MT	Can certify, will certify under phytosanitary cert. to the receiving states' standards
NE	Can certify, NE Dept. of Ag. can certify upon request
NH	Can certify, will certify to <a href="#">compliance agreement standards for export</a>
NM	Can certify, will enter compliance agreement and certify to the standards of the receiving state
NY	Can certify, cert. Program in place; Dept. Of Ag. And Markets certifies to T314-c standard
NC	Can certify, Dept. of Ag. and Consumer Services will certify to T314-c
OH	Can certify, will certify firewood for export
PA	Can certify, Dept. of Ag. will certify for export to the T314-c and T314-a standards
SD	Can certify, Dept. Of Ag. And Natural Resources certifies to T314-a
TN	Can certify, <a href="#">TN certification program</a> offers T314-c and T314-c standards
TX	Can certify, treatment certifications are issued with compliance agreements to necessary standards
UT	Can certify, have program to certify to receiving states' standards, currently not requested/in use
VT	Can certify, VAAFm provides kiln certification to kiln drying operations
VA	Can certify, Dept. of Ag. and Consumer Services certifies up to T314-c
WV	Can certify, Dept. of Ag. will certify commercial producers exporting FW to T314-c standard
WI	Can certify, <a href="#">WI certification program</a> offers T314-a standard
AL	<i>does not certify, no plans to develop program</i>
AK	<i>does not certify, no current plans to develop program</i>
CO	<i>does not certify, USDA handles heat-treatment certification in the state</i>
CT	<i>does not certify, no firewood certification program at this time</i>
DE	<i>does not certify, no firewood certification program at this time</i>
HI	<i>does not certify, no current capacity to certify heat-treatment</i>
IL	<b>2022 planned</b> , hope to implement cert. Program to T314-a standard
IN	<i>does not certify, the state asks vendors to use outside agency for certification</i>
KS	<i>does not certify, no plan to certify at this time</i>
LA	<b>2022 planned</b> , plan on implementing program with certification ability to T314-c standard
MD	<b>2022 planned</b> , planning on implementing program with certification ability by MD DNR
MI	<b>2022 planned</b> , planning on implementing program with certification ability to T314-a standard
MS	<i>does not certify, no plans to implement cert. program at this time</i>
NV	<i>does not certify, no firewood certification program at this time</i>
NJ	<i>does not certify, no current program but could change with interest</i>
ND	<i>does not certify, does not have a program nor any known need</i>
OK	<i>does not certify, currently no certification process but could change with interest</i>
OR	<i>does not certify, no firewood certification program at this time</i>
RI	<i>does not certify, currently no certification process but could change with interest</i>
SC	<i>does not certify, currently no certification process but could change if need arises</i>
WA	<i>does not certify, state does not regulate firewood</i>
WY	<i>does not certify, no need or plans to implement cert. program at this time</i>
PR	<i>does not certify, no firewood certification program at this time</i>
VI	<i>does not certify, no firewood certification program at this time</i>
GU/AS/MP	<i>Unknown status</i>

## Standardized Comparison of State Online Firewood Public Outreach

We evaluated the presence and online visibility<sup>5</sup> of a standardized set of four public outreach entities and platforms regarding relevant firewood rules or recommendations. Each selected state entities' websites were assessed according to presence/absence and if present, degree of visibility (high/low), of relevant firewood outreach material such as rules, regulations, and/or recommendations. **The results of this assessment are summarized in Figure 3 and detailed per state in Table 4.** The standardized set of entities is as follows:

- 1) Primary state agency(s) for agriculture and/or forestry-related websites. These vary widely per state and were generally defined by titles such as Agriculture, Forestry, Natural Resources, or Environment. Entity 1 excluded the state agency with primary jurisdiction over state parks, as that was assessed in Entity 3.
- 2) State level cooperative extension website(s)
- 3) State parks website(s)
- 4) State parks campground reservation portal websites<sup>6</sup>

**It is important to note that many states have valuable additional educational or outreach sites outside of the four entities that we assessed** (for instance, statewide invasive species councils). The intent of this comparative report is not to comprehensively list all state-based online spaces containing firewood relevant outreach, but rather to assess a standard representative sample across all states and use that standard approach to identify trends. Efficacy of firewood rules and regulations relies on public knowledge, which itself relies on information accessibility. The more ubiquitous, consistent, and accessible a state's online firewood messaging, the more likely firewood users will encounter information on firewood best practices.

**An important trend we found was that many states had excellent resources on one or even multiple agency web portals but lacked educational messaging in other relevant locations** where a firewood user might either: encounter it spontaneously (such as a campsite reservation portal site), or seek it out intentionally after learning about firewood or forest pests elsewhere (such as an Extension site). These inconsistencies create an incomplete online outreach environment. Ideally, all the online outreach locations assessed in this report should contain highly visible firewood outreach where the public may easily encounter it. Visibility and consistency are both crucial since research shows more than half the public (Solano et al. 2022, in prep) have no prior knowledge of the relationship between forest pests and the firewood pathway, and thus are unlikely to actively search for firewood and/or pest related information.

<sup>5</sup>High Visibility vs. Low Visibility: We rated pages on high versus low visibility based on the location (depth of search) of the page within a given website, and perceived likelihood that the public would see or notice the information during a casual read or search. This is a subjective measure designed for comparative purposes; it is not a quantitative measure. Information that was found rapidly and intuitively was rated High, information that was buried deep within a website, isolated within the sole context of a specific forest pest, embedded in a dated news article, or similarly unlikely to be found by casual read or search was rated Low.

<sup>6</sup> Only information found online prior to payment within the three camp site reservation pages assessed per state was reviewed. Some state parks provide firewood movement information or recommendations in confirmation emails sent after the purchase of a campsite reservation, or in a physical format available at the campground (payment envelopes, posters, brochures). It is possible some state parks with no information provided prior to purchase do have information provided after purchase or at the campground itself.

To illustrate the trend of inconsistent outreach presence found in this report, it is informative to look at the non-US based example of Ontario, Canada. The province of Ontario has 1) firewood information found with low visibility on two relevant provincial agency pages (Ministry of Northern Development, Mines, Natural Resources and Forestry web [page designed for second home owners \(“cottagers”\)](#), and Ministry of Agriculture, Food and Rural Affairs [pest specific management plan page](#) 2) Firewood information found with low visibility through University of Guelph articles (e.g., [EAB, Campus News](#)) (*note: University of Guelph was evaluated in lieu of the US Cooperative Extension system for illustration purposes*); 3) no information found on Ontario Provincial Parks page (e.g., [Rules, Ecological Integrity: What You Can Do](#)) or campground pages (e.g., [Rideau River Rules](#)), but 4) does have highly visible firewood information on campsite reservation portals (e.g., Rideau River: review reservation details). Additionally, the university-affiliated Invasive Species Centre has firewood information relevant to Ontario but it would not be considered a true extension resource in the standardized approach as it is a partner site that falls outside of the four assessed types of sites.

Regulation(s) Present	Province	Prov. Agency Site(s)	Cooperative Extension <i>(University of Guelph for illustration)</i>	Prov. Parks Page(s)	Prov. Campsite Reservation
Yes	Ontario	✓	✓	✗	★

**Outreach Ontario currently has in place:**

- ✓ **Provincial official firewood recommendations**
  - Found with low visibility on Ministry of Northern Development, Mines, Natural Resources and Forestry web [page designed for second home owners \(“cottagers”\)](#), and Ministry of Agriculture, Food and Rural Affairs [pest specific management plan page](#)
- ✓ **Extension recommendations**
  - Firewood information found with low visibility through University of Guelph articles (e.g., [EAB, Campus News](#))
  - Partner website [Invasive Species Centre](#) has low visibility information on some pages
- ✓ **Firewood recommendations on Provincial Park campsites’ reservation pages**
  - Highly visible firewood information found on campsite reservation portals (e.g., Rideau River: review reservation details)

**Outreach not present in Ontario:**

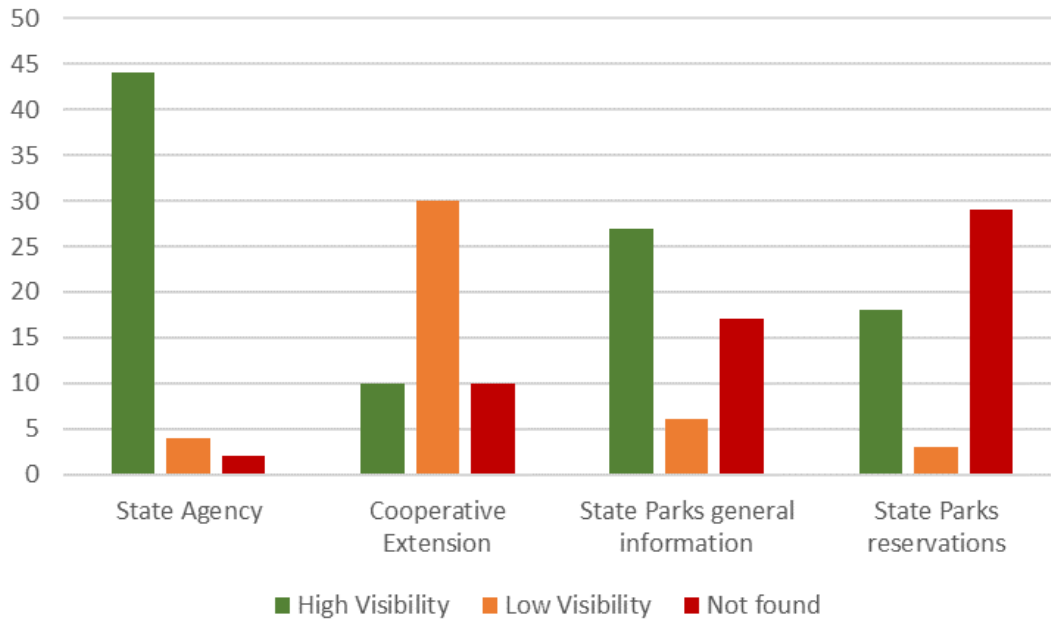
- ✗ Extension recommendations on highly visible, centralized page
- ✗ Provincial parks official firewood recommendations
  - No information found on Ontario Provincial Parks page (e.g., [Rules, Ecological Integrity: What You Can Do](#)) or campground pages (e.g., [Rideau River Rules](#))

The example Table above, and Table 4, include an additional point of information for general context; if any (state or federal, interior or exterior) rules were found that govern the movement of firewood with direct regards to the state itself, the far left column, “Regulation(s) Present” reads “Yes.” If no regulation was found in any context, it reads “No.”

Other than this illustrative example of Ontario, Canadian provinces were beyond the scope of this report. Federal lands in the United States that allow camping (e.g., USFS, BLM, USACE) were also beyond the scope of this report, however, individual summaries (see Appendices) note when a National Park firewood regulation was found for at least one NPS campground within the state.

## Comparisons of State-based Online Firewood Visibility

Figure 3. Comparative Graph of Firewood Information Visibility, April 2022



**State Agency Online Firewood Communications:** Evaluation of visibility of states’ firewood movement recommendations on at least one state agency website(s) (44/4/2)

**Cooperative Extension Online Firewood Communications:** Evaluation of visibility of states’ extension offices recommendations on the movement of firewood (10/30/10)

**State Parks General Information:** Evaluation of visibility of states’ lands or parks camping-related information pages that communicate forest pest relevant firewood information regarding the rules or recommendations for movement of firewood (27/6/17)

**State Parks Campground Reservations<sup>6</sup> Process:** Three representative State Parks containing campgrounds were chosen for each state (N/W, Central, S/E). These representative campgrounds were evaluated for the visibility of forest pest relevant firewood rules or recommendations on at least one of the campground reservation portal site(s) (18/3/29)



**Table 4. State Comparative Chart: Firewood Outreach Visibility with Regulations Presence/Absence**

[★ = firewood info. easily found; ✓ = firewood info. present with low visibility;  
 ✗ = firewood info. not found]

Regulation(s) Present	State	State Agency Site(s)	Cooperative Extension Site(s)	State Parks Page(s)	State Campsite Reservation
Yes	AL	✓	✗	✗	★
No	AK	✗	★	✗	✗
Yes	AZ	★	✓	✓	✗
Yes	AR	★	★	★	✗
Yes	CA	★	✓	★	✗
No	CO	★	✓	✓	✗
Yes	CT	★	✗	★	★
Yes	DE	★	✗	★	★
Yes	FL	★	✓	✓	✗
Yes	GA	★	✓	★	✓
Yes	HI	✓	✓	✗	✗
Yes	ID	★	✗	✗	✗
Yes	IL	★	★	✗	✗
Yes	IN	★	★	★	★
Yes	IA	★	✓	✗	✗
Yes	KS	★	✓	✗	✗
Yes	KY	★	✓	✓	★
Yes	LA	✓	✓	✗	✗
Yes	ME	★	✗	★	★
Yes	MD	★	✓	★	★
Yes	MA	★	✗	★	★
Yes	MI	★	★	★	★
Yes	MN	★	✓	★	★
Yes	MS	★	✓	✗	✗
Yes	MO	★	✓	★	★
Yes	MT	★	✓	✓	✗
No	NE	★	★	★	★
No	NV	✓	✓	✗	✗
Yes	NH	★	✓	★	★
Yes	NJ	★	✓	✗	✗
Yes	NM	✗	✗	✗	✗
Yes	NY	★	✓	★	★
Yes	NC	★	★	★	✗

**Table 4. State Comparative Chart: Firewood Outreach Visibility with Regulations Presence/Absence** *continued*

[★ = firewood info. easily found; ✓ = firewood info. present with low visibility;

✗ = firewood info. not found]

Regulation(s) Present	State	State Agency Site(s)	Cooperative Extension Site(s)	State Parks Page(s)	State Campsite Reservation
Yes	<b>ND</b>	★	✓	✓	✗
Yes	<b>OH</b>	★	✓	★	✗
Yes	<b>OK</b>	★	✓	★	✗
Yes	<b>OR</b>	★	✓	★	✗
Yes	<b>PA</b>	★	✓	★	✗
Yes	<b>RI</b>	★	✗	★	✓
Yes	<b>SC</b>	★	★	★	★
Yes	<b>SD</b>	★	✓	★	★
Yes	<b>TN</b>	★	✓	★	★
Yes	<b>TX</b>	★	✓	✗	✗
Yes	<b>UT</b>	★	★	✗	✗
Yes	<b>VT</b>	★	✓	★	✓
Yes	<b>VA</b>	★	✗	★	★
No	<b>WA</b>	★	✗	✓	✗
Yes	<b>WV</b>	★	★	✗	✗
Yes	<b>WI</b>	★	✗	★	✓
No	<b>WY</b>	★	✓	✗	✗
Yes	<b>PR</b>	✗	✗	N/A	N/A
Yes	<b>VI</b>	✗	✗	N/A	N/A
Yes	<b>GU/AS/MP</b>	✗	✗	N/A	N/A

## Key Definitions and Acronyms

**Firewood** – there are multiple legal definitions of firewood. Please visit the National Plant Board’s Firewood Guidelines [Firewood Definitions](#) section for examples of definitions currently in use. In some cases, especially associated with generalist or hitchhiker type pest-based quarantines, firewood itself is not specified by name in a given rule or quarantine but is reasonably considered a regulated item. It is important to look at the specific definition of firewood and/or regulated items per each state or federal rule or regulation to fully understand how firewood is relevant to a given situation.

**Hardwood firewood** – both state and federal language will sometimes indicate “hardwood (non-coniferous) firewood” or “non-coniferous (hardwood) firewood” as the type of firewood being regulated for pests of deciduous broad-leafed trees, such as emerald ash borer and thousand cankers disease. This report did not encounter any distinct difference between these two descriptors from a legal or regulatory perspective, and therefore to shorten summaries, this report uses the shorter form “hardwood firewood” without the inclusion of parenthetical “non-coniferous.” While many pests will only infest a single species or genus of hardwood trees, the functional difficulty of speciating a multi-species hardwood lot of cut firewood makes it fairly common for regulations to include all hardwood species of firewood as a regulated item.

**Heat treatment levels** – firewood that is certified as heat-treated is most often treated to one of three generally accepted heat and duration levels. Please visit the National Plant Board’s Firewood Guidelines [Heat Treatment Standards](#) section to learn more about the three heat treatment levels, including advantages and disadvantages per each.

**Quarantine** – (as used in forest pest contexts) a regulatory effort by a governmental entity to control the movement of a regulated pest, with general intent to reduce its economic or environmental impacts, or enable an eradication program. Quarantines may take different legal forms (rules, regulations, orders, code, others) depending on circumstances.

- **External/exterior quarantines** – keep regulated articles/pests out of an uninfested area- this is designed to protect resources in uninfested areas.
- **Internal/interior quarantines** – keep infested regulated articles/pests confined to a defined area to prevent spread outbound into previously uninfested areas - this is designed to limit the spread of a known problem, or isolate a specific threat to a discrete area, to enable management or eradication.

ALB = Asian longhorned beetle  
BLM = Bureau of Land Management  
BWA = balsam woolly adelgid  
DED = Dutch elm disease  
EAB = emerald ash borer  
Ext. = exterior/external  
FW = firewood  
HWA = hemlock woolly adelgid  
IFA = imported fire ant  
SM= spongy moth, *Lymantria dispar*  
MPB = mountain pine beetle  
NPS = National Park Service

PNW = Pacific Northwest  
PSB = pine shoot beetle  
PSM = pine shoot moth  
RIFA = red imported fire ant  
SLF = spotted lanternfly  
TCD = thousand cankers disease  
USACE = United State Army Corps of Engineers  
USFS = United State Forest Service  
Q. = quarantine

### Literature Cited:

Solano, A., Rodriguez, S.L., Greenwood, L., and Coyle, D.R. 2022. Achieving effective outreach for invasive species: firewood case studies from 2005-2016. *Biological Invasions*, in press.

## Revisions since last publication:

The following is a list of updates and corrections made since the last publication of this report (version 11Apr2022a1).

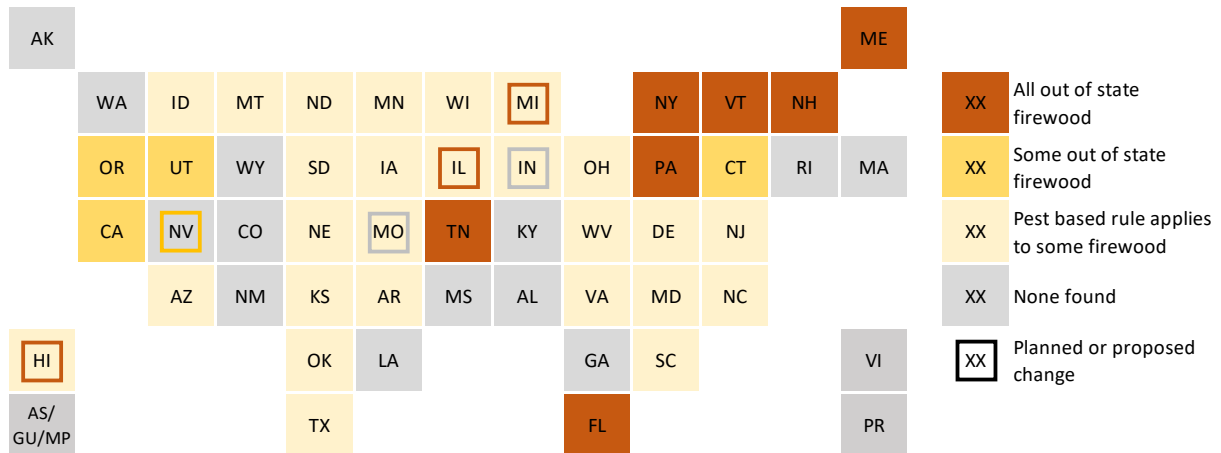
- California: Tables 1a and 1b were updated to include et al (i.e., and others) to depict the nature of the regulatory environment and border station inspection affecting firewood movement into California.
- Florida: Table 2 was updated to include the recent GAS infestation discovery and subsequent quarantine in late June 2022. The state summary page for Florida was also updated as such.
- Nevada: Figure 1 (map) and Tables 1a and 1b were corrected to indicate the nature of the proposed firewood quarantine in Nevada as partial (firewood from quarantined areas) and not complete (all firewood) as depicted in the prior publication.
- North Carolina: Tables 1a and 1b were corrected such that the EAB quarantine was removed (this quarantine is internal-only) and the European wood wasp quarantine was added (applies to movement of pine firewood).
- Oregon: an EAB pest icon was included on the state summary page to depict the June 2022 discovery of emerald ash borer infestation in the state. The circumstances surrounding this discovery mean that the regulatory environment affecting firewood in Oregon may change in the near future.
- Puerto Rico: Figure 2 and Tables 3a and 3b were updated from “unknown status” to depict the certification status of “does not certify”
- Virgin Islands: Figure 2 and Tables 3a and 3b were updated from “unknown status” to depict the certification status of “does not certify”
- Light edits were made throughout the text and state summary pages (e.g., map) to retain consistency with the above changes.

# Appendices

The following pages contain state and territorial/commonwealth summaries listed in alphabetical order. Each appendix consists of a standardized format outline organized by what that state or territory “currently has in place” as well as what is “not present in” that geography. Pest presence information is also included at the bottom of each page for additional context and quick reference- please note, the pest presence is not meant to be an exhaustive list.

By using a standardized format in the appendices, we hope readers will be able to cross-compare the presence and absence of laws, regulations, rules, and firewood-movement related outreach across their geographies of interest. Each appendix is not meant to be comprehensive but rather is intended to allow in-depth comparisons and discussion. In some cases, the “not present in” section could be used to consider potential future actions to protect forest health.

# Alabama State Summary



## Alabama currently has in place:

- ✓ **State agency firewood recommendations**
  - Found on pest page(s) (e.g., [EAB](#); [Little Critters – BIG THREAT](#))
- ✓ **State Park campground reservation recommendations**
  - Found when [booking a campsite](#) under “Terms and Conditions, Additional information”
- ✓ **Federal quarantine** limits export of regulated items
  - [IFA](#) encompasses entire state

## Not present in Alabama:

- ✗ Exterior quarantine on firewood
- ✗ Exterior pest-based quarantine(s)
- ✗ Interior quarantine(s) state agency regulations
- ✗ Certification of kilns (i.e., kiln certification to meet any applicable heat-treatment standards)
- ✗ State agency firewood recommendations found on a single centralized page
- ✗ State Lands or Parks specific regulations
- ✗ State Lands or Parks recommendations found on a single centralized page
- ✗ Extension recommendations

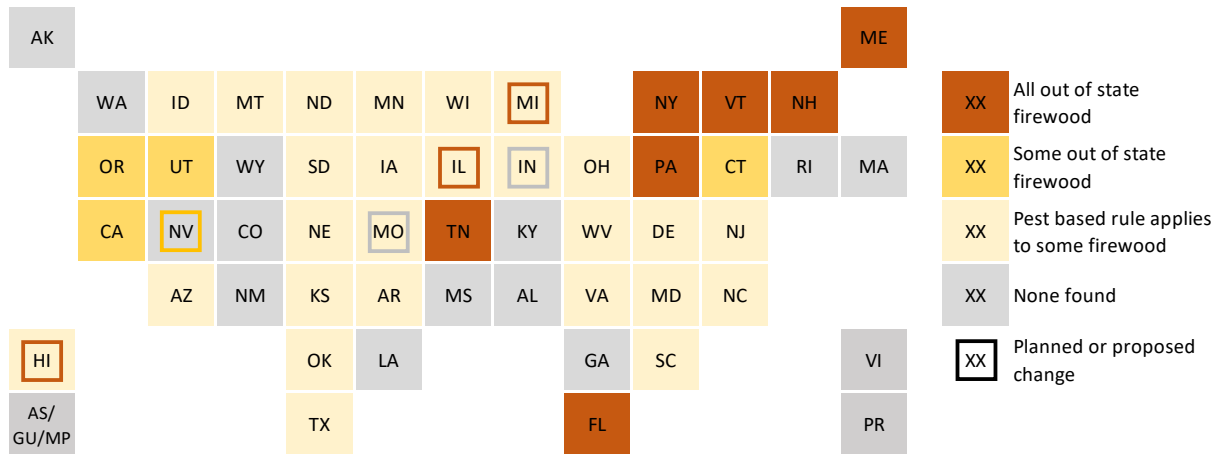
## Firewood relevant forest pests found in Alabama:

 Emerald ash borer, imported fire ant

 Laurel wilt



# Alaska State Summary



## Alaska currently has in place:


- ✓ [Partial exterior quarantine due to land border with Canada](#)
- ✓ **Extension recommendations**
  - Found with high visibility on UAF Cooperative Extension Service page: [Insects and Invasives](#)
- ✓ **National Park Recommendations** – at least one NPS property regulates firewood movement
  - One or more parks (e.g. [Denali NP](#))

## Not present in Alaska:

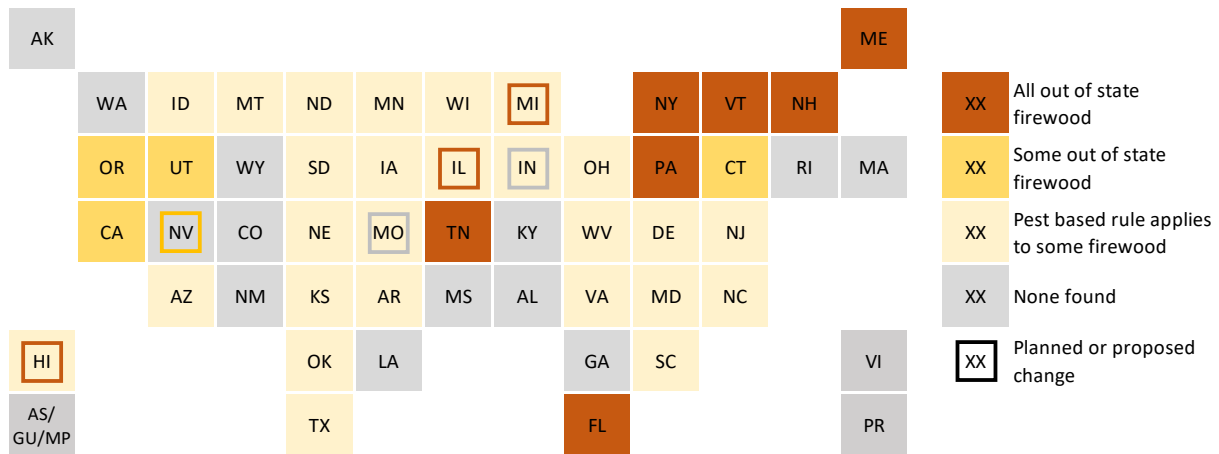
- ✗ Exterior quarantine on all firewood\*
  - ([Legislation](#) exists that enables AK to impose pest-based quarantines if need arises)
- ✗ Interior pest-based quarantine(s) limiting intrastate movement
- ✗ State Agency official firewood recommendations
- ✗ State Lands or Parks specific regulations or official statewide restrictions
- ✗ State Parks official firewood recommendations
  - Not found on relevant page(s) ([Parks FAQ](#); or [Campground Info](#))
- ✗ Firewood movement-related recommendations on State Park campsites' reservation pages
  - None found (e.g., [K'esugi Ken Campground](#))
- ✗ Certification ability (i.e., kiln certification to meet any applicable heat-treatment standards)
  - does not certify, no firewood certification program at this time

*\*The only land border shared with Alaska is the international border with Canada; thus, the federal exterior quarantine on firewood from Canada provides a greater degree of protection for Alaska than it does other states.*

## Firewood relevant forest pests found in Alaska:

 spruce bark beetle

# American Samoa Territory Summary



## American Samoa currently has in place:

- ✓ **Federal quarantine** limits export of regulated items
  - [giant African land snail](#) considered quarantine pest for continental US
- ✓ **Timber permit requirement under the authority of 7 CFR 319.40** whereby the USDA requires a permit for importation of logs, lumber, and other *unmanufactured wood products* into the USA\*. Similarly, regulation [7 CFR 318](#) – all plant or vegetative material including agriculture-related cargo must be surrendered for preclearance inspection prior to being shipped/moved to US mainland.
 

*\*USDA APHIS definition of the USA includes all fifty states as well as Puerto Rico, US Virgin Islands, American Samoa, Guam, and Northern Mariana Islands.*

## Not present in American Samoa:

- ✗ Exterior quarantine on all firewood
- ✗ Exterior pest-based quarantine(s)
  - No territory-based exterior quarantines
- ✗ Interior pest-based quarantine(s)
  - No territory-based interior pest quarantines
- ✗ Territorial agency official firewood recommendations
- ✗ Extension recommendations
  - None found (e.g., [ASCC Land Grant Programs](#): Cooperative Extension Services)
- ✗ Certification ability (i.e., kiln certification to meet applicable heat-treatment standards)

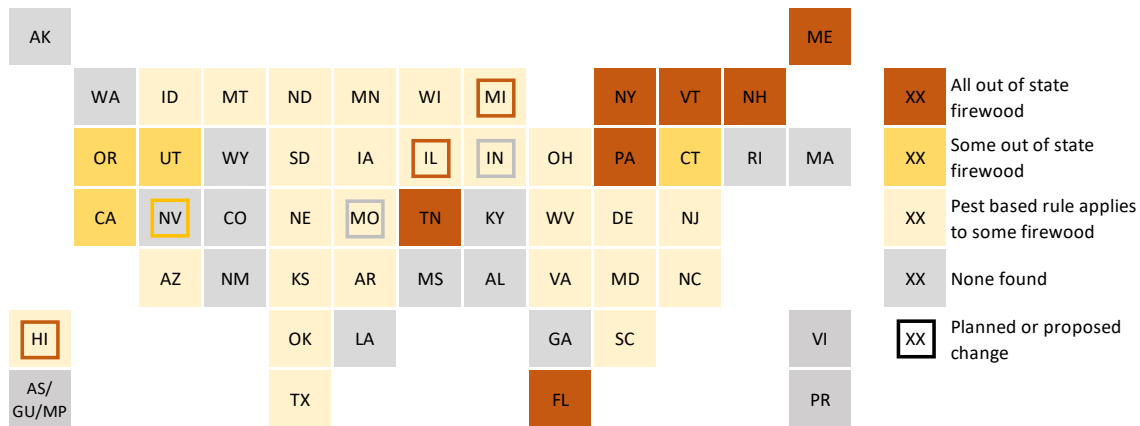
## Not Applicable:

- ✗ State Lands or Parks specific regulations or official statewide restrictions
- ✗ State Lands or Parks official recommendations found on a single centralized page
- ✗ Firewood movement-related recommendations on park campsites' reservation page(s)

## Firewood relevant pests found in American Samoa:

-  giant African land snail
-  imported fire ants

# Arizona State Summary



## Arizona currently has in place:

- ✓ **Exterior pest-based quarantine(s)**
  - AZ Dept. Of Agriculture (ADA) [quarantines](#) on EAB and nut tree pests (all firewood; see pages 8, 14, 20)
- ✓ **State Agency official firewood recommendations**
  - Found on ADA page: [Plants FAQ](#)
- ✓ **Extension recommendations**
  - Pest-related FW info found with low visibility (e.g., [Firewood and Bark Beetles in the Southwest](#))
- ✓ **State Parks official firewood recommendations**
  - Found with low visibility: AZ State Parks and Trails [Recreate Responsibly: No. 5: Be Careful with Fire](#)
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Can certify, will certify according to phytosanitary cert. specific to receiving state standards

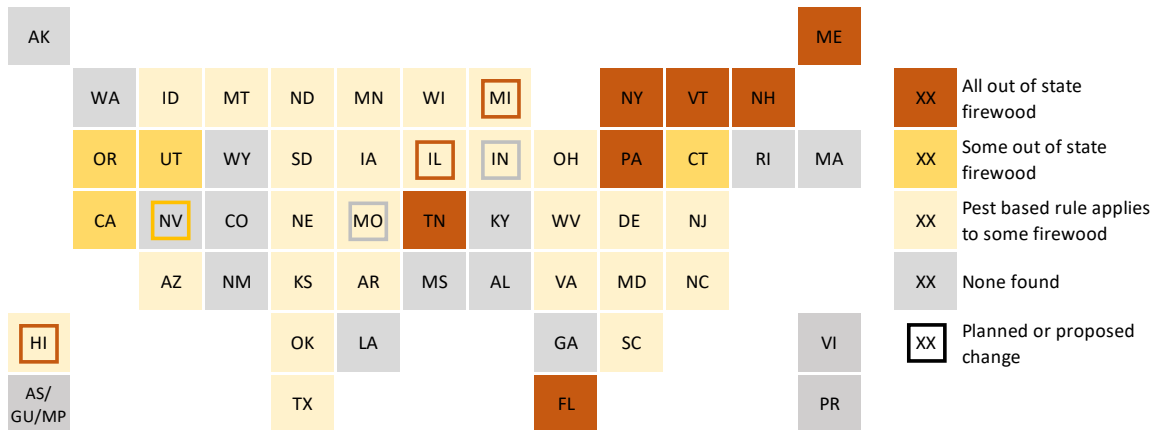
## Not present in Arizona:

- ✗ Exterior quarantine on all firewood
- ✗ Interior pest-based quarantines
- ✗ State Lands or Parks specific regulations or official statewide restrictions
  - Not found (e.g., AZ State Parks [Agency Rules and Regulations](#))
- ✗ Extension recommendations on highly visible, centralized page
- ✗ State Parks official firewood recommendations on page(s) with high visibility
  - Not found (e.g., [Camping page](#); [Camping Logistics](#))
- ✗ Firewood movement-related recommendations on State Park campsites' reservation pages
  - (e.g., [Lost Dutchman SP](#); [Reservation Policies](#))

## Firewood relevant forest pests found in Arizona:

 bark beetles

# Arkansas State Summary



## Arkansas currently has in place:

- ✓ **Exterior pest-based quarantine**
  - AR State Plant Board quarantine on [thousand cankers disease](#) (*Juglans* sp., pg. 54)
- ✓ **Interior pest-based quarantine(s)** limiting intrastate movement
  - Federal [imported fire ant](#) quarantine (partial)
- ✓ **State Agency official firewood recommendations**
  - Found on AR Dept. of Agriculture [Forest Health](#) page
- ✓ **Extension recommendations**
  - Found on centralized page: [Arkansas Firewood Resources & Regulations](#)
- ✓ **State Parks official firewood recommendations**
  - Found on highly visible AR State Parks [Camping](#) page
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Can certify, currently certify facilities shipping wood out of state to T314-c

## Not present in Arkansas:

- ✗ Exterior quarantine on all firewood
- ✗ State Lands or Parks specific regulations or statewide restrictions
- ✗ Firewood movement-related recommendations on State Park campsites' reservation pages
  - (e.g., [Cane Creek](#))

## Firewood relevant forest pests found in Arkansas:

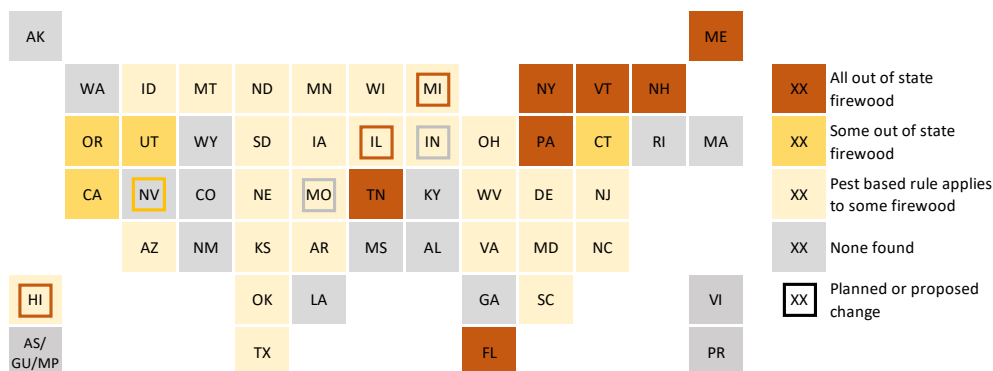


Emerald ash borer, imported fire ant



Laurel wilt disease

# California State Summary





## California currently has in place:

- ✓ **Exterior quarantine on some firewood**
  - Border station inspections: all firewood found arriving at California land border stations is assessed for pest risk and seized, inspected, or released as appropriate.
- ✓ **Exterior pest-based quarantine(s)**
  - State quarantines on [Chestnut bark and oak wilt diseases](#), [emerald ash borer \(hardwood firewood\)](#), [spotted lanternfly](#), [persimmon root borer](#), [European pine shoot moth](#), [Cedar-apple rust disease](#) (most states covered by at least one exterior pest quarantine)
- ✓ **Interior pest-based quarantine(s) limiting intrastate movement**
  - [State](#) and [federal](#) imported fire ant (partial) and [State](#) and [federal](#) *P. ramorum* (partial)
  - [Incorporation of federal quarantines](#): CA adopts the regulations in the Code of Federal Regulations, Title 7, Parts 301 through 369 inclusive, and any subsequent amendments.
- ✓ **State Agency official firewood recommendations**
  - [CA Firewood Taskforce](#)
- ✓ **Extension recommendations**
  - Links, articles, and pest pages from extension and partner websites found (e.g., [press release](#), [UCANR pest alert](#), [Invasive shothole borers](#), [UCANR](#), Agriculture and Natural Resources ([ANR](#)) firewood [outreach](#))
- ✓ **State Lands or Parks specific regulations - \*some\***
  - County parks in quarantined areas have firewood restrictions (e.g., [Orange County Parks Firewood Policy](#))
- ✓ **State Parks official firewood recommendations**
  - Found on CA Dept. of Parks and Recreation [FAQ](#) page (see under “camping”); Icon also found on righthand side of individual park pages (e.g., [Manchester SP](#))
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Certification of heat treatment facility possible via phytosanitary certificates, process managed through as needed by County Ag. Commissioner
- ✓ **National Parks official firewood recommendations**
  - One or more parks (e.g. [Yosemite National Park](#))

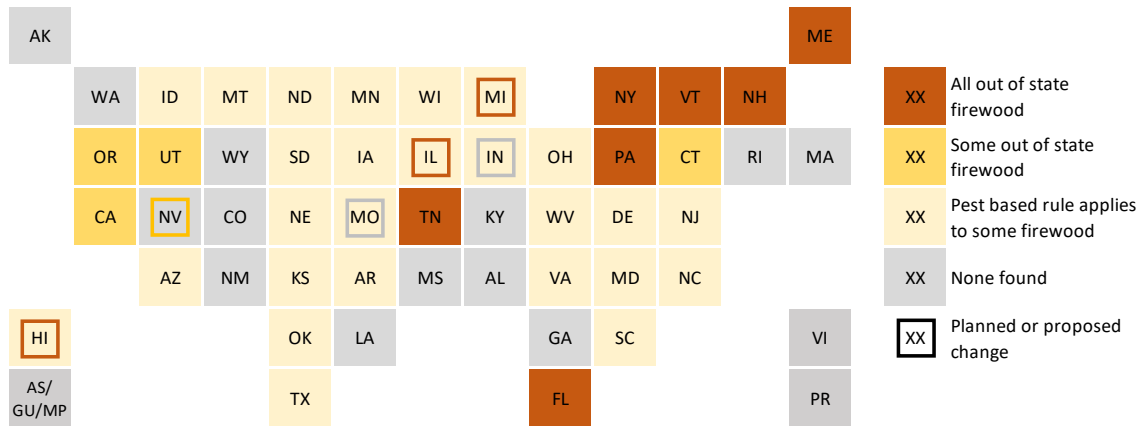
## Not present in California:

- ✗ Exterior quarantine on all firewood (*border station inspections are applicable to all firewood*)
- ✗ State Lands or Parks-wide specific regulations or official statewide restrictions
  - None found (e.g., [Rules and Regulations Summary](#))
- ✗ Extension recommendations on highly visible, centralized page
- ✗ Firewood movement-related recommendations on State Park campsites’ reservation pages
  - ([ReserveCalifornia](#))

## Firewood relevant forest pests found in California:

-  Goldspotted oak borer, polyphagous and Kuroshio shothole borers, imported fire ant, Mediterranean oak borer
-  Sudden oak death

# Colorado State Summary



## Colorado currently has in place:

- ✓ **State Agency official firewood recommendations**
  - Found on multiple pages (e.g., CO Dept. of Agriculture: [Plant Imports](#); CPW page: [Top Invasive Concerns: Forest Pests](#))
- ✓ **Extension recommendations**
  - Found with relatively low visibility in multiple articles (e.g., [Firewood and Pests Recommendations](#); [EAB Detected in Broomfield](#)) and outreach materials ([Camping Poster](#))

## Not present in Colorado:

- ✗ Exterior quarantine on all firewood
- ✗ Exterior pest-based quarantine(s)
- ✗ Interior pest-based quarantine(s)- limiting intrastate movement
- ✗ State Lands or Parks specific regulations or official statewide restrictions
  - None found (e.g., [Camping Rules](#))
- ✗ Extension recommendations on highly visible, centralized location
- ✗ State Parks official firewood recommendations on highly visible, relevant page(s)
  - None found on [Camping](#) page
- ✗ Firewood movement-related recommendations on State Park campsites' reservation pages
  - (e.g., [Chatfield SP](#))
- ✗ Certification ability (i.e., kiln certification to meet any applicable heat-treatment standards)
  - State authorities do not certify, USDA handles heat-treatment certification in the state

## Firewood relevant forest pests found in Colorado:



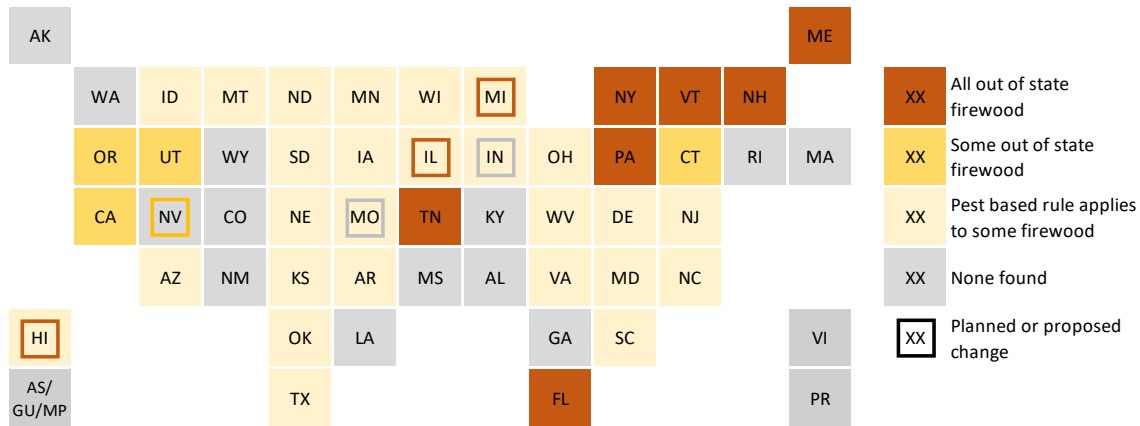
Emerald ash borer, mountain pine beetle



thousand cankers disease



# Connecticut State Summary




## Connecticut currently has in place:

- ✓ [Exterior quarantine on firewood from or through quarantined areas](#)
- ✓ **Interior pest-based quarantine(s)** limiting intrastate movement
  - CT Agricultural Experiment Station (CAES) quarantine on [spotted lanternfly](#)
- ✓ **Federal quarantine** limits export of regulated items
  - [Spongy moth \(\*L. dispar\*\)](#) encompasses entire state
- ✓ **State Agency official firewood recommendations**
  - CT Dept. of Energy and Environmental Protection [Regulations on the Movement of Firewood](#)
- ✓ **State Parks official firewood recommendations**
  - Found on State Parks [Camping page](#), links to regulation information
- ✓ **Firewood recommendations on State Park campsites' reservation page(s)**
  - One or more parks (e.g., [Devils Hopyard SP](#))

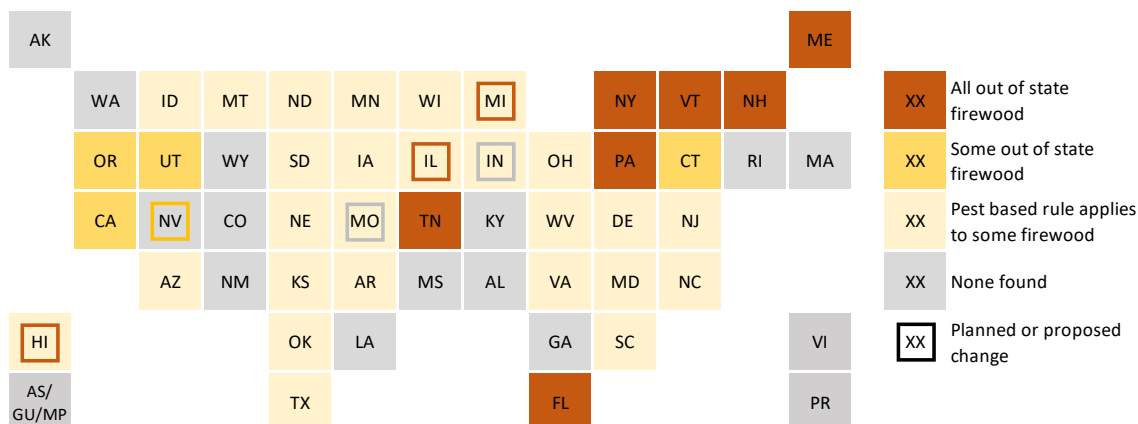
## Not present in Connecticut:

- ✗ External quarantine on all firewood
- ✗ State Lands or Parks-specific regulations or official statewide restrictions
- ✗ Extension recommendations
  - None found in cooperative extension materials
- ✗ Certification ability (i.e., kiln certification to meet any applicable heat-treatment standards)
  - does not certify, no firewood certification program at this time

## Firewood relevant forest pests found in Connecticut:

 Emerald ash borer, spongy moth (*Lymantria dispar*)

# Delaware State Summary



## Delaware currently has in place:

- ✓ **Interior pest-based quarantine(s)** limiting intrastate movement
  - State quarantine (DE Dept. of Agriculture) on [spotted lanternfly](#)
- ✓ **Federal quarantine** - limits export of regulated items
  - [Spongy moth \(\*L. dispar\*\)](#) encompasses entire state
- ✓ **State Agricultural Agency official firewood recommendations**
  - Firewood movement recommendations found on [EAB page](#)
- ✓ **State Lands or Parks specific regulations or official statewide restrictions**
  - 402 State Forest Regulations ([section 7.7](#))
- ✓ **State Parks official firewood recommendations**
  - DE Department of Natural Resources and Environmental Control [Camping page](#)
- ✓ **Firewood movement-related recommendations on State Park campsites' reservation pages**
  - One or more parks (e.g., [Lums Pond SP](#))

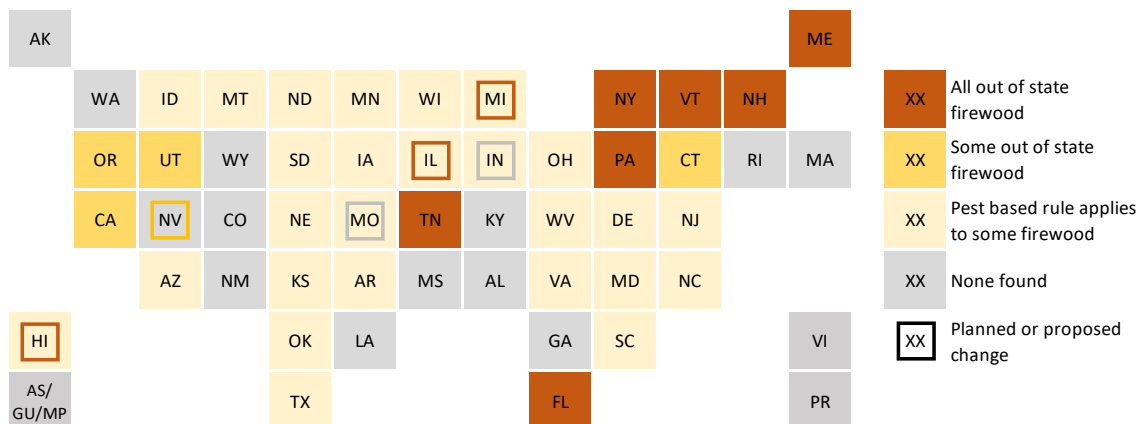
## Not present in Delaware:

- ✗ Exterior quarantine on firewood
- ✗ Extension recommendations
  - No firewood movement recommendations in cooperative extension materials found
- ✗ Certification ability (i.e., kiln certification to meet any applicable heat-treatment standards)
  - does not certify, no firewood certification program at this time

## Firewood relevant forest pests found in Delaware:

 Emerald ash borer, spotted lanternfly, spongy moth (*Lymantria dispar*)

# Florida State Summary






## Florida currently has in place:

- ✓ **Exterior quarantine on all commercial firewood**
  - (few exemptions: e.g., proper documentation of origin within 50 miles from border)
- ✓ **Interior pest-based quarantine limiting intrastate movement**
  - [Giant African land snail](#) quarantine (partial)
- ✓ **Federal quarantine - limits export of regulated articles**
  - [Imported fire ant](#) quarantine (encompasses entire state)
  - [Giant African land snail](#) quarantine (partial)
- ✓ **State Agency official firewood recommendations**
  - FL Dept. of Agriculture and Consumer Services [Firewood Movement Regulations](#) page
- ✓ **Extension recommendations**
  - Firewood info found in pest article(s) (e.g., [Homeowner handout Redbay Ambrosia Beetle](#))
  - Firewood page found in UFL site: [Gardening Solutions: Firewood](#)
- ✓ **State Lands or Parks official recommendations**
  - Firewood movement recommendations found on [Campfire Cooking Tips and Tricks](#)
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Can certify, will certify to the T314-c standard

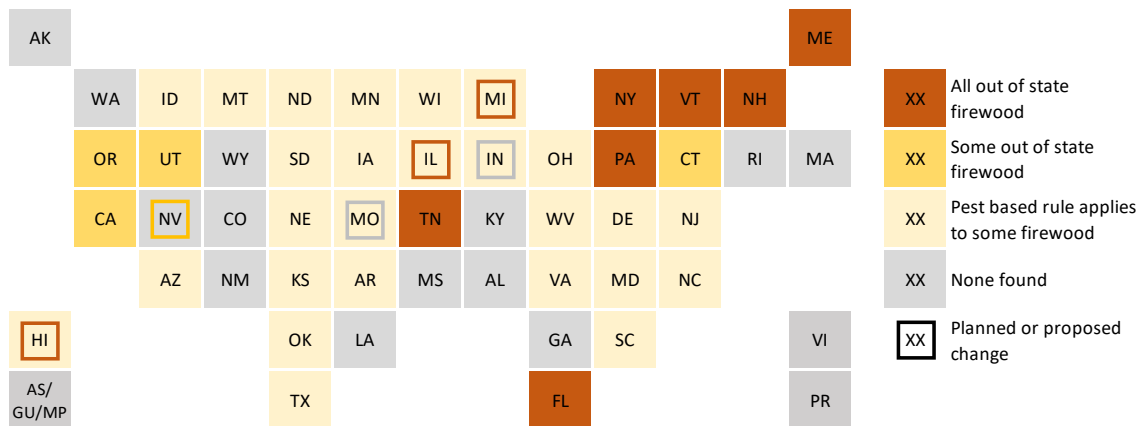
## Not present in Florida:

- ✗ Extension recommendations on single centralized page
  - (no extension-specific resource, but UFL site listed above is linked on extension page and firewood page can be found within)
- ✗ State Lands or Parks specific regulations or official statewide restrictions
  - Not found (e.g., [FL State Park Rules](#))
- ✗ State Lands or Parks recommendations on highly visible [camping page](#)
- ✗ Firewood movement-related recommendations on State Park campsites' [reservation](#) pages
  - (e.g., [Grayton Beach SP](#))

## Firewood relevant forest pests found in Florida:

-  Imported fire ant
-  giant African land snail
-  Laurel wilt disease

# Georgia State Summary



## Georgia currently has in place:

- ✓ **Federal quarantine** - limits export of regulated items
  - [Imported fire ant](#) (encompasses entire state)
- ✓ **State Agency official firewood recommendations**
  - Georgia Forestry Commission [Don't Move Firewood](#) page
- ✓ **Extension recommendations**
  - Firewood article found with relatively low visibility in Fulton County extension article (e.g., "[Don't move that firewood!](#)")
- ✓ **State Parks official firewood recommendations**
  - Found under [Park Rules & Regulations](#) page
- ✓ **Firewood movement-related recommendations on State Park campsites' reservation pages**
  - Found on page linked (relatively low visibility) on reservation site under "General Rules" (e.g., [Jack Hill SP](#))
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Can certify, GA Department of Agriculture will certify on as needed basis to T314-c

## Not present in Georgia:

- ✗ Exterior quarantine on all firewood
- ✗ Exterior pest-based quarantine(s)
- ✗ Interior pest-based quarantine(s) limiting intrastate movement
- ✗ State Lands or Parks-specific regulations or official statewide restrictions
- ✗ Extension recommendations on highly visible, centralized page
- ✗ Firewood movement-related recommendations listed directly (high visibility) on State Park campsites' reservation page(s)

## Firewood relevant forest pests found in Georgia:

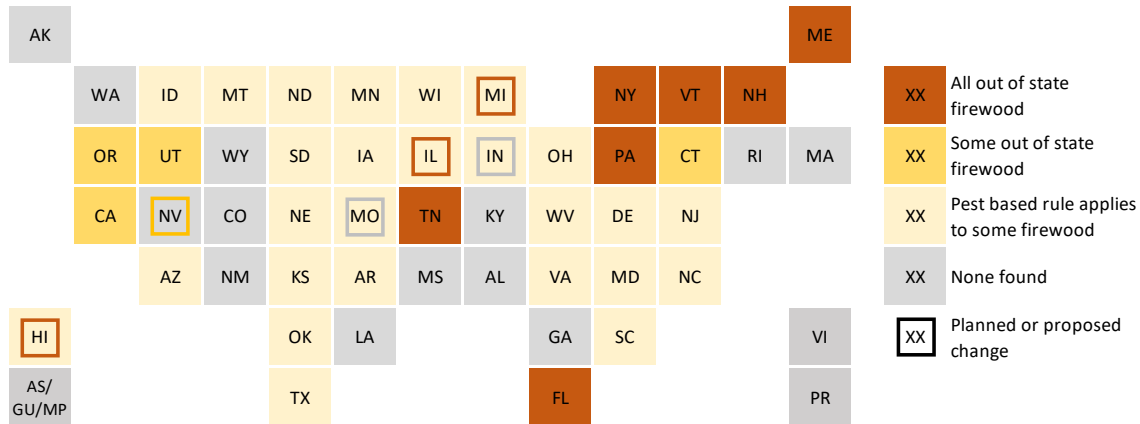


Emerald ash borer, imported fire ant



Laurel wilt disease

# Guam Territory Summary



## What Guam currently has in place:

- ✓ **Federal quarantine** limits export of regulated items
  - [giant African land snail](#) considered quarantine pest for continental US
- ✓ **Timber permit requirement under the authority of 7 CFR 319.40** whereby the USDA requires a permit for importation of logs, lumber, and other *unmanufactured wood products* into the USA\*. Similarly, regulation [7 CFR 318](#) – all plant or vegetative material including agriculture-related cargo must be surrendered for preclearance inspection prior to being shipped/moved to US mainland.
 

*\*USDA APHIS definition of the USA includes all fifty states as well as Puerto Rico, US Virgin Islands, American Samoa, Guam, and Northern Mariana Islands.*

## Not present in Guam:

- ✗ Exterior quarantine on all firewood
- ✗ Exterior pest-based quarantine(s)
  - No territory-based exterior quarantines
- ✗ Interior pest-based quarantine(s)
  - No territory-based interior pest quarantines
- ✗ Territorial agency official firewood recommendations
- ✗ Extension recommendations
  - None found (e.g., University of Guam [Cooperative Extension & Outreach](#))
- ✗ Certification ability (i.e., kiln certification to meet applicable heat-treatment standards)

## Not Applicable:

- ✗ State Lands or Parks specific regulations or official statewide restrictions
- ✗ State Lands or Parks official recommendations found on a single centralized page
- ✗ Firewood movement-related recommendations on park campsites' reservation page(s)

## Firewood relevant pests found in Guam:

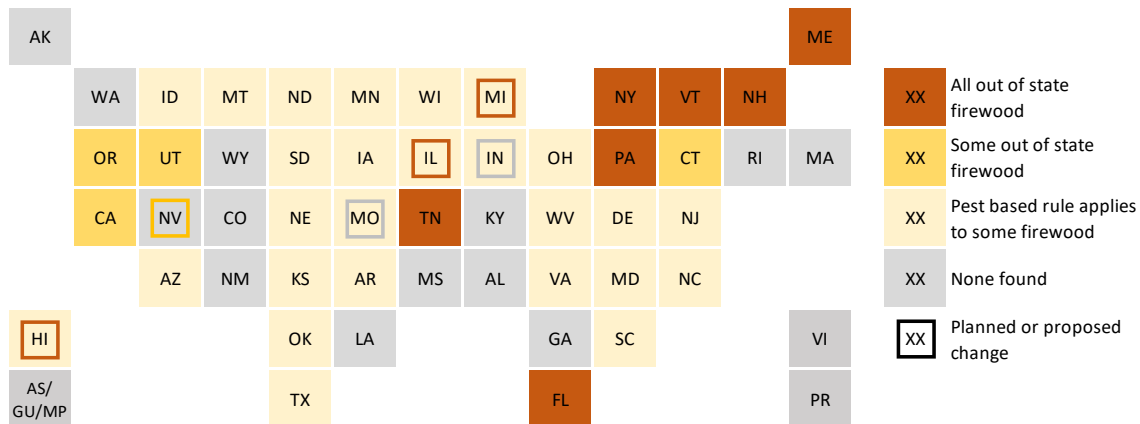


giant African land snail



imported fire ants, coconut rhinoceros beetle

# Hawai'i State Summary



## Hawai'i currently has in place:

- ✓ **2022 Planned exterior quarantine on all firewood** (T314-c certified heat-treated exemption)
- ✓ **Exterior pest-based quarantine(s)**
  - State quarantine on [pine spp. Q](#) [*Pinus* derived firewood (pine shoot moth)]
- ✓ **Interior pest-based quarantines(s)**
  - Federal quarantine on [giant African land snail](#)
  - State quarantine on [Rapid 'Ōhi'a Death](#) (inter-island regulations)
- ✓ **Timber permit requirement under the authority of 7 CFR 319.40** whereby the USDA requires a permit for importation of logs, lumber, and other *unmanufactured wood products* into the USA. Geography of Hawai'i renders this relevant as a partial exterior quarantine.

## Not present in Hawai'i:

- ✗ State agency official firewood recommendations found on a single centralized page
- ✗ State Lands or Parks specific regulations
  - (e.g., [Administrative Rules](#))
- ✗ State Lands or Parks official recommendations found on a single centralized page
  - None found on relevant pages stemming from HI [Division of State Parks](#)
- ✗ Firewood movement-related recommendations on park campsites' reservation page(s)
  - None found on [reservation site](#) or when booking specific sites (e.g., [Kokee State Park](#))
- ✗ National Park regulations
  - Did not find NPS unit with stated regulations on firewood movement
- ✗ Certification of kilns by state agency to meet other states' heat-treatment standards

## Firewood relevant pests found in Hawai'i:

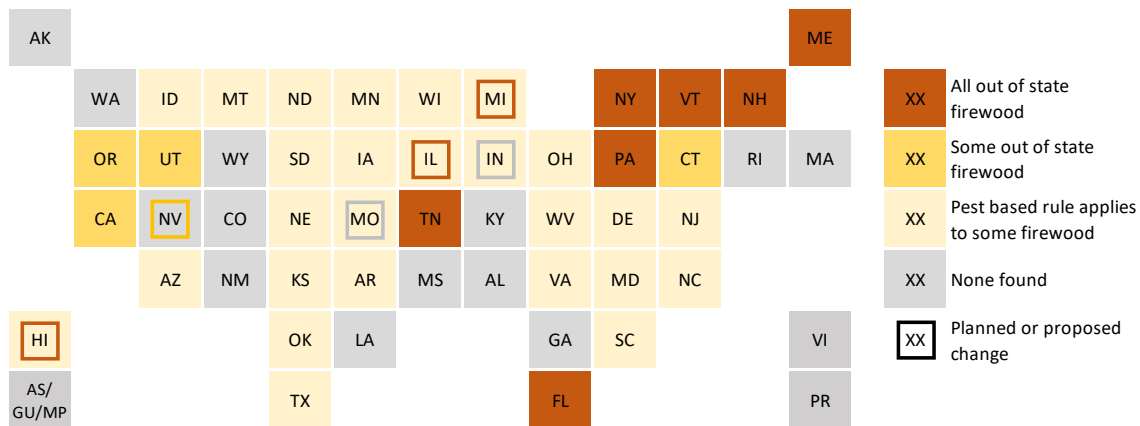


Rapid 'ohi'a death partial state infestation



Giant African land snail

# Idaho State Summary



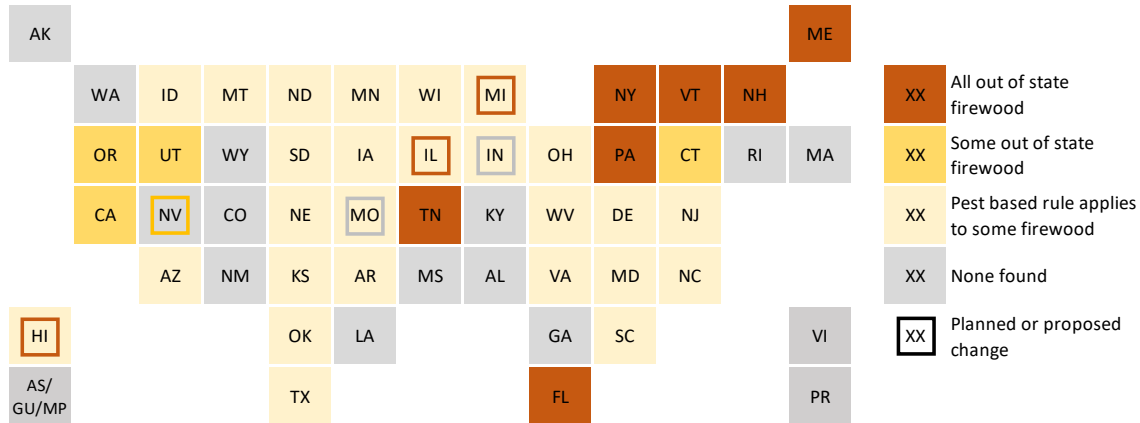
## Idaho currently has in place:

- ✓ **Exterior quarantine on all invasive species**
  - Pest-based exterior quarantine on invasive species ([Administrative Rule](#); [Plant Pest Act](#))
- ✓ **Partial exterior quarantine due to land border with Canada**
- ✓ **State Agency official firewood recommendations**
  - ID Department of Agriculture invasive species page: [Campers: Buy It Where You Burn It](#)
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Can certify, offers compliance agreement for exportation of firewood to T314-c standard

## Not present in Idaho:

- ✗ Exterior quarantine on all firewood
- ✗ Interior pest-based quarantine(s) limiting intrastate movement
- ✗ State Lands or Parks-specific regulations or official statewide restrictions
- ✗ State Parks official firewood recommendations
  - None found on relevant pages (e.g., [Parks & Recreation Camping](#); [Camping FAQ](#))
- ✗ Extension recommendations
  - No firewood movement recommendations found in cooperative extension resources
- ✗ Firewood movement-related recommendations on State Park campsites' reservation pages
  - None found (e.g., [Round Lake](#))

# Illinois State Summary



## Illinois currently has in place:

- ✓ **Planned exterior quarantine on all firewood** (T314-a certified heat-treated exemption)
- ✓ **Exterior pest-based quarantine(s)**
  - State quarantine on thousand cankers disease (*Juglans* sp.; *being rescinded*)
- ✓ **Interior pest-based quarantine(s)** limiting intrastate movement
  - federal quarantine: [spongy moth \(\*L. dispar\*\)](#) (partial)
- ✓ **State Agency official firewood recommendations**
  - (e.g., IL Department of Agriculture [Firewood Regulations](#) and related pages)
- ✓ **Extension recommendations**
  - Highly visible, firewood-specific article ("[Firewood Hitchhikers](#)") under Insects and Pests
- ✓ **State Lands or Parks-specific regulations or official statewide restrictions**
  - Uncertified, out-of-state firewood or firewood obtained from >50miles from the site not permitted on state lands. Found under "Use of State Parks" link to [Admin Rule Sec 110.60](#) linked on [Camping Regulations](#) page
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - 2022 planned or proposed to implement certification program to T314-a standard

## Not present in Illinois:

- ✗ **State Lands or Parks official firewood recommendations**
  - Firewood recommendations not found on relevant DNR pages (e.g., [Camping](#), [Camping Regulations](#), [Camping FAQ](#), [Parks](#))
- ✗ **Firewood movement-related recommendations on State Park campsites' reservation pages**
  - Not found (e.g., [Walnut Point State Park](#))

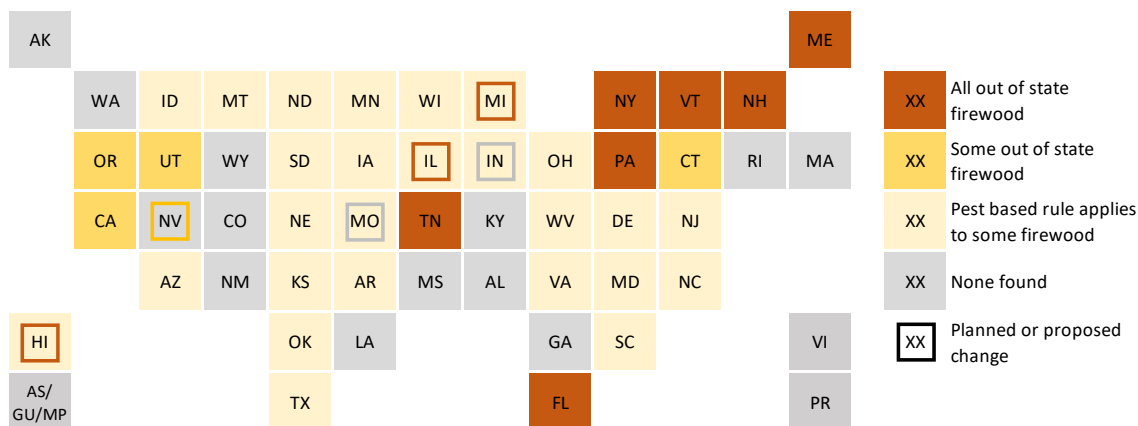
## Firewood relevant forest pests found in Illinois:



Emerald ash borer, spongy moth (*Lymantria dispar*), velvet longhorned beetle



# Indiana State Summary



## Indiana currently has in place:

- ✓ **Exterior pest-based quarantine(s)**
  - IN Dept. of Natural Resources (IDNR) quarantine on [thousand cankers disease](#) (*Juglans* sp.; *being rescinded*)
- ✓ **Interior pest-based quarantine(s)** limiting intrastate firewood movement
  - Federal quarantine on [spongy moth](#) (*L. dispar*)
- ✓ **State Agency official firewood recommendations**
  - IDNR: [Firewood Rules](#)
- ✓ **Extension recommendations**
  - Firewood recommendations found in centralized pest page (e.g., [Arrest That Pest](#)) as well as multiple alerts, and/or articles (e.g., [Firewood Alert](#); [“Spotted Lanternfly: Another Reason Not to Move Firewood”](#); [Insects in Firewood](#))
- ✓ **State Lands or Parks specific regulations or official statewide restrictions**
  - Natural Resource Commission regulation: DNR property [rule](#) entry requirements for all outside firewood
- ✓ **Stand Lands or Parks recommendations**
  - Found link on [Rules and Regulations](#) page which leads to [Firewood Rules](#) page. Link also found in second page of [FAQ](#) and [2021 Indiana Recreation Guide](#)
- ✓ **Firewood movement-related recommendations on State Park campsites’ reservation pages**
  - Recommendations found on campsites’ reservation sites (e.g., [Summit Lake SP](#))

## Not present in Indiana:

- ✗ Exterior quarantine on all firewood
- ✗ Certification ability (i.e., kiln certification to meet any applicable heat-treatment standards)
  - does not certify, the state asks vendors to use outside agency for certification

## Firewood relevant forest pests found in Indiana:

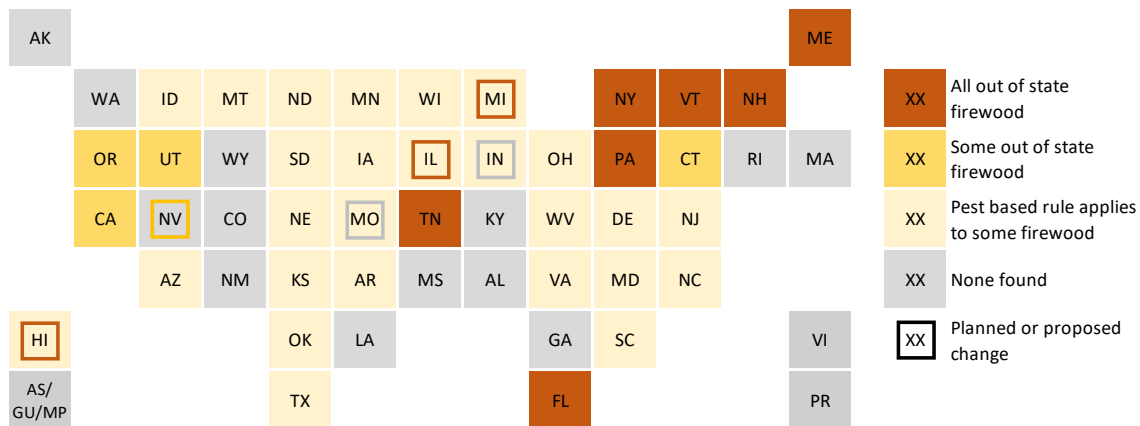


Emerald ash borer, spongy moth (*Lymantria dispar*)



oak wilt disease

# Iowa State Summary



## Iowa currently has in place:

- ✓ **Exterior state pest-based quarantine(s)**
  - [Multi-pest and disease quarantine](#) under authority of “[The Iowa Crop Pest Act](#)” which includes several known to contaminate firewood (e.g., Asian longhorned beetle, emerald ash borer, spongy moth, thousand cankers disease, and others)
- ✓ **Firewood [labeling requirement](#)**
- ✓ **State Agency official firewood recommendations**
  - e.g., Iowa’s Department of Agriculture and Land Stewardship (IDALS) [Firewood Page](#)
- ✓ **Extension recommendations**
  - Found in articles (e.g., [New IA Firewood Regulations](#) and [October Firewood Awareness Month](#))
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Can certify, IDALS offers certification to T314-c and T314-a standards

## Not present in Iowa:

- ✗ Exterior quarantine on all firewood
- ✗ Interior pest-based quarantine(s) limiting intrastate movement
- ✗ Extension recommendations on highly visible centralized page
- ✗ State Lands or Parks specific regulations or statewide official restriction
  - Not found (e.g., [IA State Parks & Recreation Areas: Regulations & Reservations](#))
- ✗ State Parks official firewood recommendations
  - Not found online (e.g., [Things to Know Before You Go](#))
- ✗ Firewood movement-related recommendations on State Park campsites’ reservation pages
  - (e.g., [Black Hawk State Park](#)) (*None found online prior to reservation but is found in email confirmation and physical self-registration ticket*)

## Firewood relevant forest pests found in Iowa:

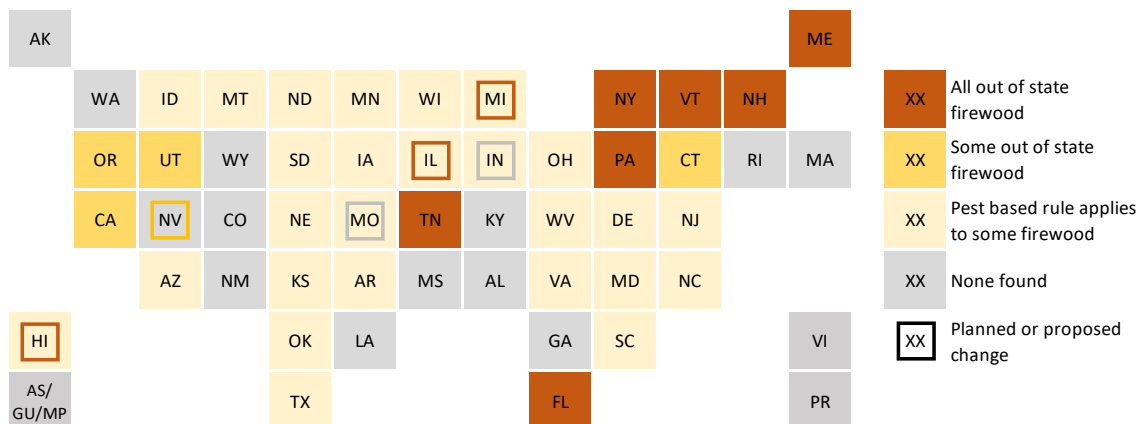


Emerald ash borer, sirex woodwasp



oak wilt disease, Dutch elm disease

# Kansas State Summary



## Kansas currently has in place:


- ✓ **Exterior pest-based quarantine(s)**
  - KS Dept. of Agriculture (KDA) quarantine on [thousand cankers disease](#) (*Juglans* sp.)
- ✓ **State Agency official firewood recommendations**
  - Found on KDA page: [Insects](#)
- ✓ **Extension recommendations**
  - Found in news article: "[Buy local firewood to protect Kansas trees](#)"

## Not present in Kansas:

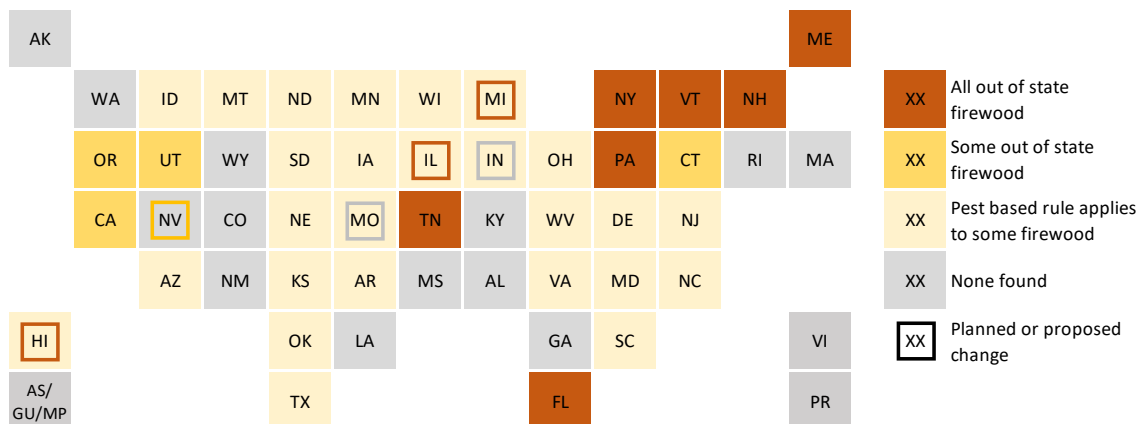
- ✗ Exterior quarantine on all firewood
- ✗ Interior pest-based quarantine(s) limiting intrastate firewood movement
- ✗ Extension recommendations on highly visible, centralized page
- ✗ State Lands or Parks specific regulations or official statewide restrictions
  - Not found (e.g., [Park Regulations](#))
- ✗ State Lands or Parks recommendations
  - Not found on relevant pages (e.g., [Campsite and Cabin Reservations](#); [State Park Alerts](#))
- ✗ Firewood movement-related recommendations on State Park campsites' reservation pages
  - Recommendations found on campsites' reservation pages (e.g., [Webster SP](#))
- ✗ Certification ability (i.e., kiln certification to meet any applicable heat-treatment standards)
  - does not certify, no plan to certify at this time

## Firewood relevant forest pests found in Kansas:

 Emerald ash borer

 oak wilt disease

# Kentucky State Summary



## Kentucky currently has in place:

- ✓ **State Agency official firewood recommendations**
  - KY Dept. of Fish & Wildlife [Nuisance Species Plans](#)
- ✓ **State Lands or Parks specific regulations or official statewide restrictions**
  - Firewood [policy](#) for state parks: no out-of-state firewood
- ✓ **Extension recommendations**
  - Found with relatively low visibility on pest page(s) (e.g., [Hot Topic: Emerald Ash Borer](#)) *linked* on extension page(s) (e.g., [extension EAB page](#))
- ✓ **Firewood movement-related recommendations on State Park campsites' reservation pages**
  - Found under Alerts and Important Information (e.g., [Big Bone Lick SHS](#))
- ✓ **National Park Regulations** – at least one NPS property regulates firewood movement
  - (e.g., [Mammoth Cave](#))
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Office of State Entomologist, University of Kentucky, will certify firewood to T314-c and T314-a upon request

## Not present in Kentucky:

- ✗ Exterior quarantine on firewood or pests
- ✗ Interior pest-based quarantine(s)
- ✗ Extension recommendations on highly visible, centralized page
  - (e.g., [Firewood](#))
- ✗ State Parks official firewood recommendations with high visibility
  - KY state parks has [Firewood Policy](#) but no firewood recommendations on relevant pages (e.g., [Camping](#) page; Parks [Things to Know](#) page; [State Parks FAQ](#))

## Firewood relevant forest pests found in Kentucky:

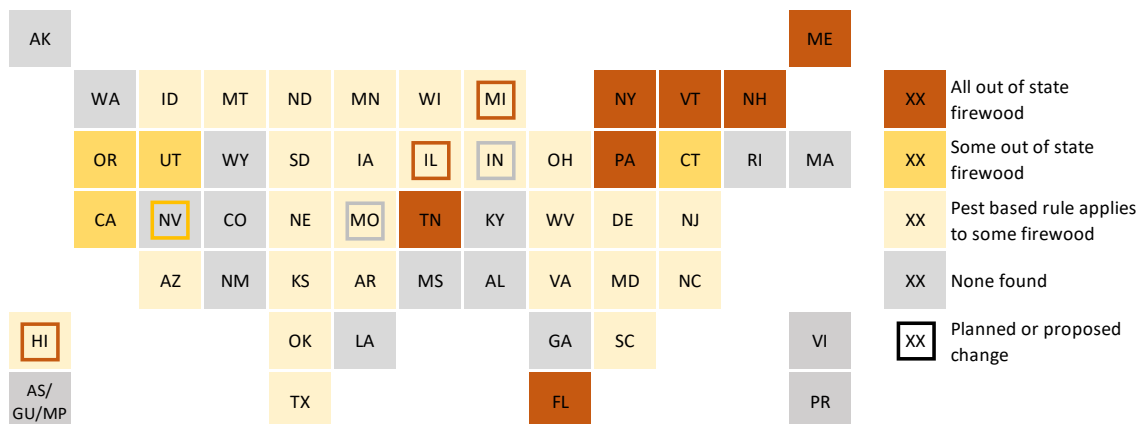


Emerald ash borer, periodically - imported fire ant



Laurel wilt disease

# Louisiana State Summary



## Louisiana currently has in place:

- ✓ **Interior pest-based quarantine(s)** limiting intrastate firewood movement
  - Louisiana Dept. of Agriculture and Forestry (LADF) quarantine on [emerald ash borer](#) (hardwood FW)
- ✓ **Federal quarantine** - limiting export of regulated articles
  - [imported fire ant](#) (encompasses entire state)
- ✓ **State Agency official firewood recommendations**
  - Found with relatively low visibility in articles (e.g., [Invasive Emerald Ash Borer](#); "[Strain Urges Public Not to Move Firewood](#)")
- ✓ **Extension recommendations**
  - Firewood recommendations found with relatively low visibility in pest page(s) or articles (e.g., [LA Plant Health Management: Laurel Wilt](#))
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - 2022 planned, plan on implementing program with certification ability to T314-c standard

## Not present in Louisiana:

- ✗ Exterior quarantine on all firewood
- ✗ Exterior pest-based quarantine(s)
- ✗ State Agency official firewood recommendations on highly visible, centralized page
- ✗ Extension recommendations on highly visible, centralized page
- ✗ State Lands or Parks specific regulations or official statewide restrictions
  - Not found (e.g., [Rules and Regulations](#))
- ✗ State Lands or Parks recommendations
  - Not found on relevant pages (e.g., [Camping](#) page; [FAQ](#))
- ✗ Firewood movement-related recommendations on State Park campsites' reservation pages
  - Recommendations found on campsites' reservation sites (e.g., [Lake Claiborne SP](#))

## Firewood relevant forest pests found in Louisiana:

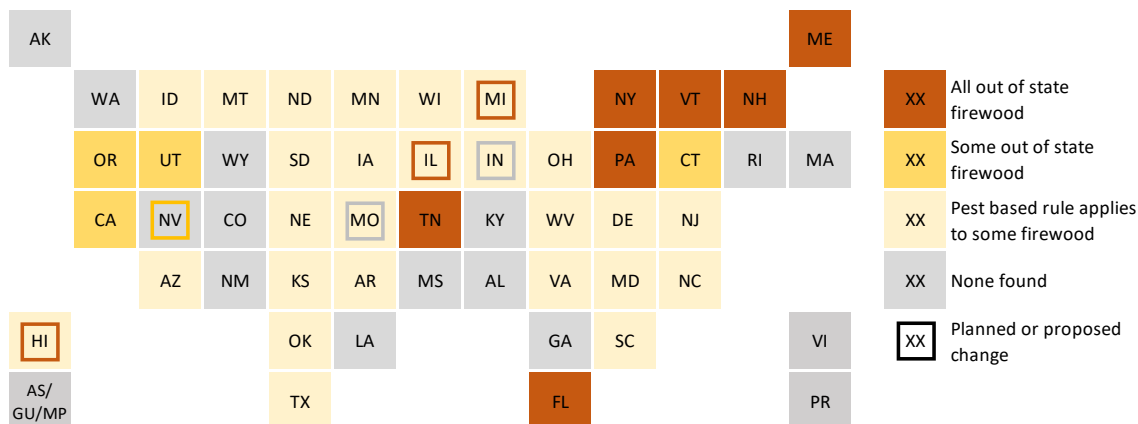


Emerald ash borer, imported fire ant



Laurel wilt disease

# Maine State Summary




## Maine currently has in place:

- ✓ **Exterior quarantine on all firewood** (T314-c heat-treatment exemption)
- ✓ **Exterior pest-based quarantine**
  - ME Dept. of Agriculture, Conservation, & Forestry (MDACF) [emerald ash borer](#) quarantine (hardwood firewood)
- ✓ **Partial exterior quarantine due to land border with Canada**
- ✓ **Interior quarantine(s) limiting intrastate movement**
  - MDACF [prohibition](#) of intrastate movement untreated, out-of-state firewood; must carry proof of ME origin or heat-treatment certification
  - MDACF quarantine on [emerald ash borer](#) (hardwood firewood)
- ✓ **Federal quarantine** limits export of regulated items
  - [Spongy moth \(\*L. dispar\*\)](#) (encompasses entire state)
- ✓ **State Agency official firewood recommendations**
  - Firewood regulations and recommendations found on MDACF [Firewood page](#)
- ✓ **State Parks official firewood recommendations**
  - [Camping](#) at ME State Parks and Public Lands
- ✓ **Firewood movement-related recommendations on State Park campsites' reservation pages**
  - Firewood info. found under "Special Considerations" (e.g., [Warren Island SP](#))
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Can certify, MDACF certifies to T314-c heat-treatment standard

## Not present in Maine:

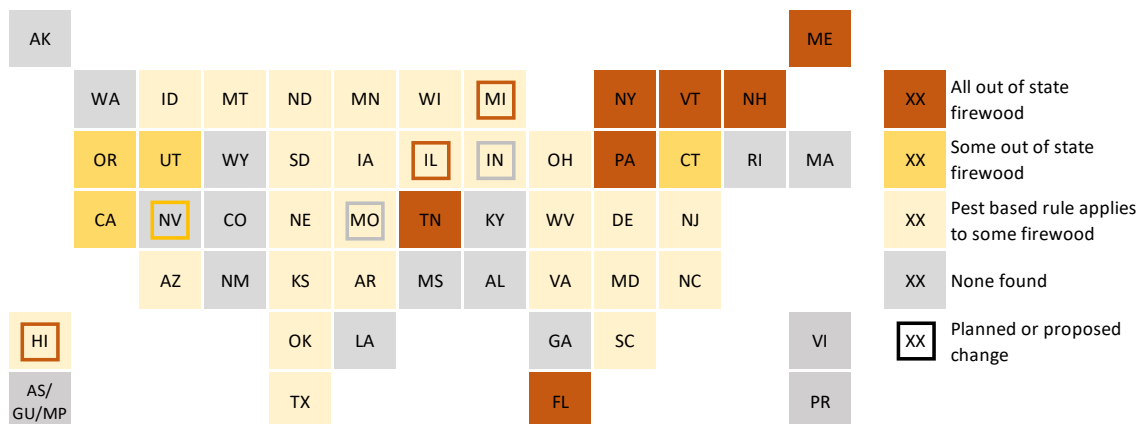
- ✗ State Lands or Parks-specific regulations or official statewide restriction
  - No statewide regulation found (e.g., [Rules for State Parks and Historic Sites](#))
- ✗ Extension recommendations
  - Firewood movement recommendations not found in cooperative extension materials

## Firewood relevant forest pests found in Maine:

 Emerald ash borer, spongy moth (*Lymantria dispar*), browntail moth, sirex woodwasp, non-native bark and ambrosia beetles (e.g., granulate ambrosia beetle), pine shoot beetle

 European larch canker

# Maryland State Summary





## Maryland currently has in place:

- ✓ **Exterior pest-based quarantine(s)**
  - MD Dept. of Agriculture (MDA) quarantine on [spotted lanternfly](#) (see section 7.b.)
- ✓ **Interior pest-based quarantine(s)** limiting intrastate firewood movement
  - MDA quarantine on [spotted lanternfly](#)
- ✓ **Federal quarantine** – limiting the export of regulated items
  - [spongy moth \(\*L. dispar\*\)](#) (encompasses entire state)
- ✓ **State Agency official firewood recommendations**
  - Found with relatively low visibility on MDA webpage(s) (e.g., [Homeowners' Guide to EAB](#)) also found on MD Dept. of Natural Resources (MDNR) site: [Firewood Policy](#)
- ✓ **Extension recommendations**
  - Firewood recommendations found in multiple pest page(s) or article(s) (e.g., [Forest Pests: Asian Longhorned Beetle](#); [Emerald Ash Borer](#))
- ✓ **State Lands or Parks specific regulations**
  - MD Dept. of Natural Resources (MDNR) [Firewood Policy](#): no outside firewood on state property
- ✓ **Stand Lands or Parks recommendations**
  - Found with high visibility on [Statewide Park Policies](#) page which is linked on main [Camping](#) page; also found in [LetsGoCamping FAQ](#)
- ✓ **Firewood recommendations on State Park campsites' reservation pages**
  - Recommendations found in booking information during reservation process on campsites' [reservation portal](#) (e.g., Big Run SP)
- ✓ **National Park regulations** – at least one NPS property regulates firewood movement
  - (e.g., [Catocin Mountain Park](#))
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Planned- state legislation passed in 2022 will enable a new voluntary program via MD DNR

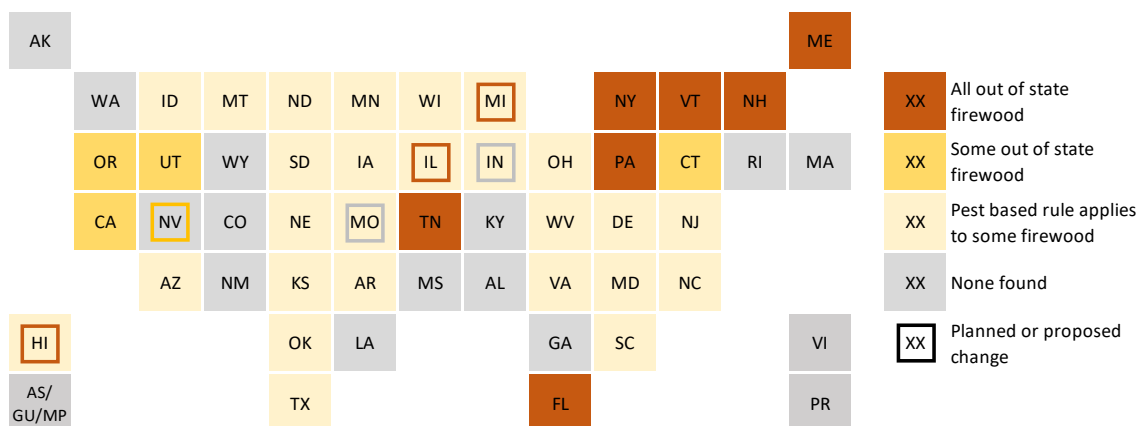
## Not present in Maryland:

- ✗ Exterior quarantine on all firewood
- ✗ Extension recommendations on highly visible, centralized page

## Firewood relevant non-native forest pests present in Maryland:

 Emerald ash borer, spongy moth (*Lymantria dispar*), southern pine beetle  thousand cankers disease

# Massachusetts State Summary



## Massachusetts currently has in place:

- ✓ **Interior pest-based quarantine(s)** limiting intrastate firewood movement
  - federal quarantine on [Asian longhorned beetle](#)
- ✓ **Federal quarantine(s)** – limiting export of regulated articles
  - [spongy moth \(\*L. dispar\*\)](#) (encompasses entire state)
- ✓ **State Agency official firewood recommendations**
  - State Park firewood regulation found on MA Dept. of Conservation and Recreation (DCR) [Learn about Campground Regulations](#); also found in MDARD’s MA [Introduced Pests outreach Project](#) materials (e.g., [Pests Blog](#))
- ✓ **State Lands or Parks specific regulations or statewide restriction**
  - state (DCR) land regulation: firewood [prohibited on or removed from](#) DCR property
- ✓ **Stand Lands or Parks recommendations**
  - Found with high visibility on MA DCR [Learn about Campground Regulations](#)
- ✓ **Firewood movement-related recommendations on State Park campsites’ reservation pages**
  - Recommendations found on campsites’ reservation pages under Alerts and Important Information (e.g., [Nickerson SP](#))
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Can certify, will certify on an as needed basis in conjunction with USDA

## Not present in Massachusetts:

- ✗ Exterior quarantine on all firewood
- ✗ Exterior pest-based quarantine(s)
- ✗ Extension recommendations on highly visible, centralized page

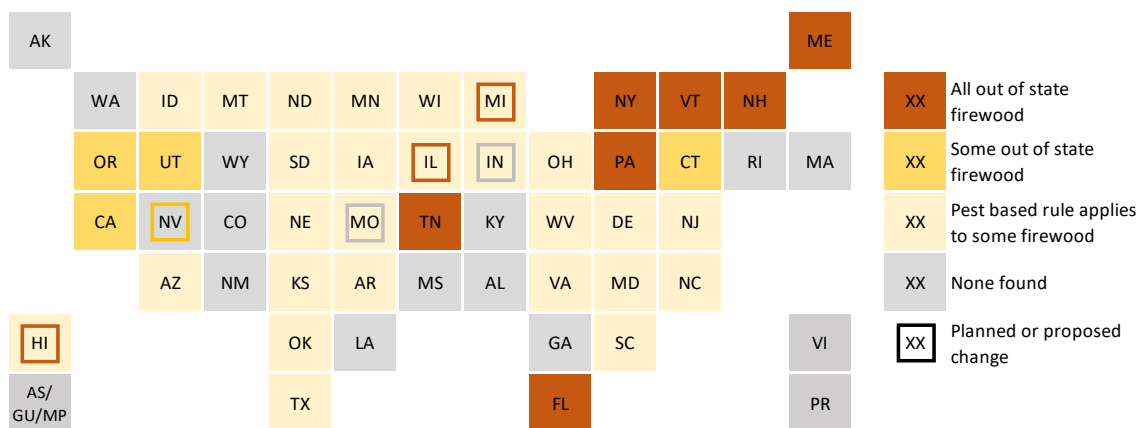
## Firewood relevant forest pests found in Massachusetts:

 Emerald ash borer, spongy moth (*Lymantria dispar*), Asian longhorned beetle

 beech leaf disease



# Michigan State Summary



## Michigan currently has in place:

- ✓ **Planned or proposed exterior firewood quarantine**
  - Firewood complete, in final stages of proposal development (T314-a)
- ✓ **Exterior pest-based quarantine(s)**
  - MI Dept. of Agriculture & Rural Development (MDARD) quarantines on [mountain pine beetle](#) (all firewood), [balsam woolly adelgid](#) (fir), [hemlock woolly adelgid](#) (hemlock with needles and twigs), and [thousand cankers disease](#) (hardwood, *being rescinded*)
- ✓ **Partial exterior quarantine due to land border with Canada**
- ✓ **Federal quarantine** – limiting export of regulated items
  - [spongy moth \(\*L. dispar\*\)](#) (encompasses entire state)
- ✓ **State Agency official firewood recommendations**
  - MDARD: [Firewood Facts: Buy it Where You Burn It](#)
- ✓ **Extension recommendations**
  - Found with high visibility (e.g., [Firewood Education and Outreach: Spread of Invasives](#))
- ✓ **Stand Lands or Parks recommendations**
  - Found with high visibility on main [State Parks](#) and [Camping](#) page
- ✓ **Firewood movement-related information on State Park campsites' reservation pages**
  - Found on campsites' reservation pages (e.g., [Nickerson SP](#))
- ✓ **National Parks regulations** – at least one NPS property regulates firewood movement
  - (e.g., [Pictured Rocks National Lakeshore](#))
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - planning on implementing program with certification ability to T314-a standard

## Not present in Michigan:

- ✗ Interior pest-based quarantine(s) limiting intrastate firewood movement
- ✗ State Lands or Parks specific regulations or official statewide restrictions

## Firewood relevant forest pests found in Michigan:

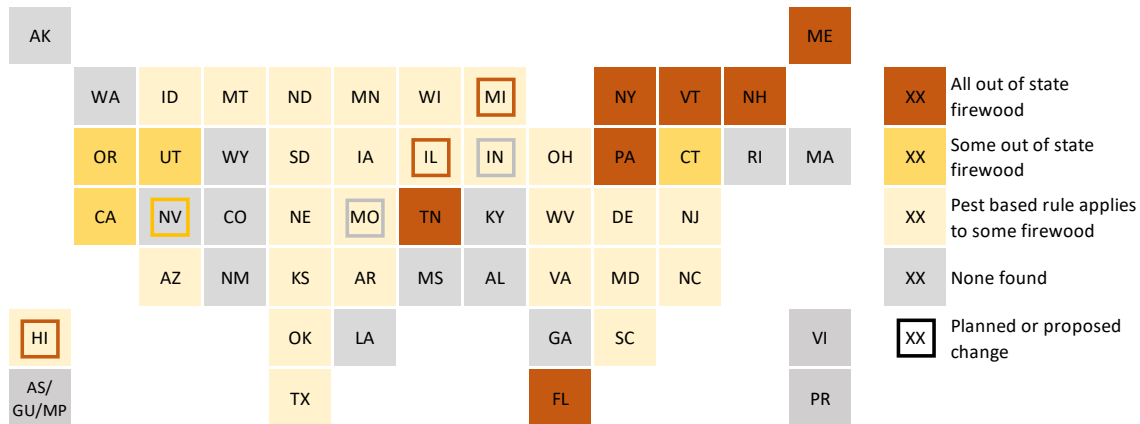


emerald ash borer, spongy moth (*Lymantria dispar*)



oak wilt disease

# Minnesota State Summary



## Minnesota currently has in place:

- ✓ **Exterior pest-based quarantine(s)**
  - State quarantines on [Mountain pine beetle](#) (pine wood with bark); [emerald ash borer](#) (hardwood firewood); [thousand cankers disease](#) (*Juglans* sp., *being rescinded*)
- ✓ **[Partial exterior quarantine due to land border with Canada](#)**
- ✓ **Interior pest-based quarantine(s) limiting intrastate firewood movement**
  - Federal quarantine on [spongy moth](#) (*L. dispar*) (partial)
- ✓ **State Agency official firewood recommendations**
  - MN Dept. of Agriculture: [Firewood Information](#)
- ✓ **Extension recommendations**
  - Firewood recommendations found in multiple pest page(s) and articles (e.g., [EAB in Minnesota](#); [Oak Wilt in MN](#); [EAB now found in Steele County](#))
- ✓ **State Lands or Parks specific regulations**
  - MN Dept. of Natural Resources: [Firewood Information](#): policy whereby outside firewood must be certified or have proof it's sourced from same county as park
- ✓ **State Lands or Parks recommendations**
  - Found with high visibility on main [Camping](#) page
- ✓ **Firewood movement-related recommendations on State Park campsites' reservation pages**
  - Recommendations found on campsites' [reservation portal](#) (e.g., Itasca SP)
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Can certify, Dept. of Ag. [certification program](#) in place at T314-a standard

## Not present in Minnesota:

- ✗ Exterior quarantine on all firewood
- ✗ Extension recommendations on highly visible, centralized page

## Firewood relevant forest pests found in Minnesota:

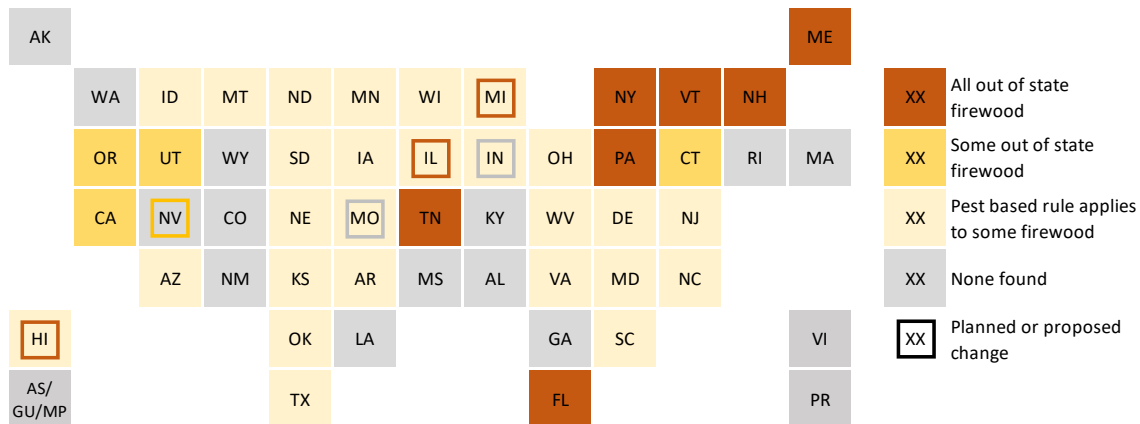


Emerald ash borer, spongy moth (*Lymantria dispar*)



oak wilt disease, Dutch elm disease

# Mississippi State Summary



## Mississippi currently has in place:

- ✓ **Federal quarantine(s)** – limiting export of regulated articles
  - [imported fire ant](#) (encompasses entire state)
- ✓ **State Agency official firewood recommendations**
  - MS Forestry Commission: [Buy Local Burn Local](#)
- ✓ **Extension recommendations**
  - Firewood recommendations found with relatively low visibility in article (e.g., [Use care to prevent emerald ash borer](#))

## Not present in Mississippi:

- ✗ Exterior quarantine on firewood
- ✗ Exterior pest-based quarantine(s)
- ✗ Interior pest-based quarantine(s) limiting intrastate firewood movement
- ✗ Extension recommendations on highly visible, centralized page
- ✗ State Lands or Parks specific regulations or official statewide restrictions
  - None found (e.g., [Fees and Rules](#))
- ✗ State Lands or Parks recommendations
  - None found on relevant pages (e.g., [MS Parks and Destinations](#); [Find a Park](#))
- ✗ Firewood movement-related recommendations on State Park campsites' reservation pages
  - Not found on campsites' reservation pages (e.g., [Buccaneer SP](#))
- ✗ Certification ability (i.e., kiln certification to meet any applicable heat-treatment standards)
  - does not certify, no plans to implement certification program at this time

## Firewood relevant forest pests found in Mississippi:

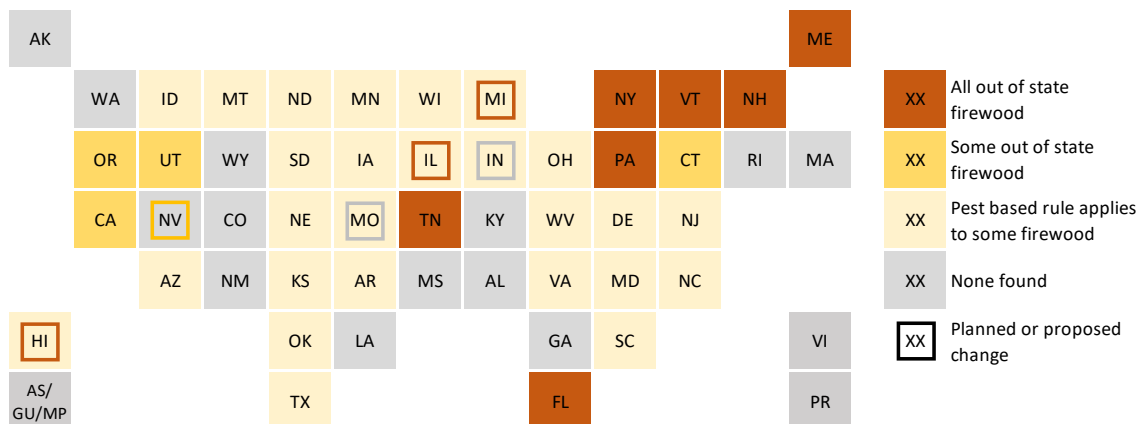


Pine shoot beetle, imported fire ant



Laurel wilt disease

# Missouri State Summary



## Missouri currently has in place:

- ✓ **Exterior pest-based quarantine(s)**
  - MO Dept. of Agriculture (MDA) quarantine on [thousand cankers disease](#) (hardwood FW; *proposed to rescind*)
- ✓ **Interior pest-based quarantine(s)** limiting intrastate firewood movement
  - MDA quarantine on [pine shoot beetle](#) (pine logs with bark attached; *proposed to rescind*)
- ✓ **State Agency official firewood recommendations**
  - Found with high visibility on MO Dept. of Conservation: [Don't Move Firewood](#); [Firewood Q&A](#)
- ✓ **Extension recommendations**
  - Firewood recommendation found in article (e.g., "[Check ash trees for emerald ash borer](#)")
- ✓ **State Lands or Parks recommendations**
  - [Updated Firewood Advisory](#)
- ✓ **Firewood movement-related recommendations on State Park campsites' reservation pages**
  - Recommendations found with high visibility on campsites' [reservation portal](#) (e.g., Crowder SP)
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Can certify, MDA will certify to standards of receiving state

## Not present in Missouri:

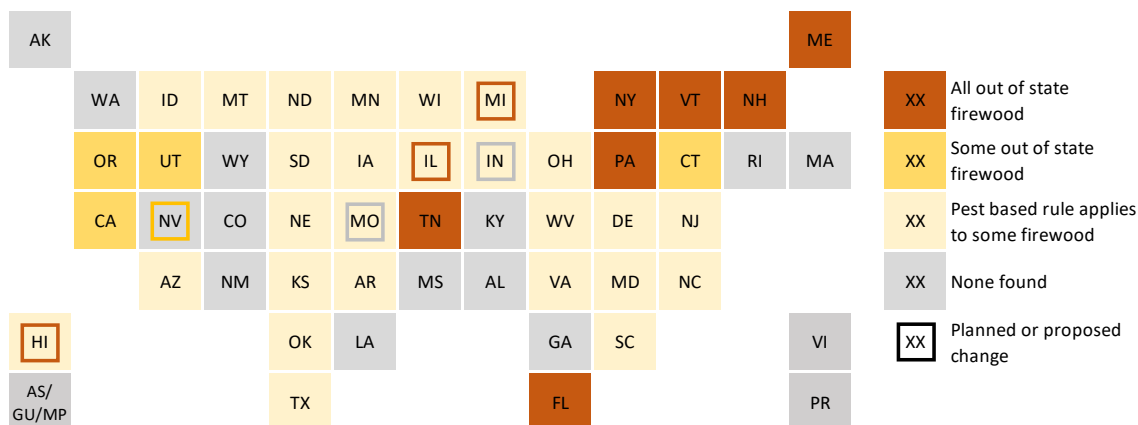
- ✗ Exterior quarantine on all firewood
- ✗ Extension recommendations on highly visible, centralized page
- ✗ State Lands or Parks-specific regulations or official statewide restrictions
  - None found (e.g., [Camping Rules and Regulations](#))

## Firewood relevant forest pests found in Missouri:



Emerald ash borer, pine shoot beetle

# Montana State Summary






## Montana currently has in place:

- ✓ **Exterior pest-based quarantine(s)**
  - Montana Dept. of Agriculture (MTDA) quarantines on [emerald ash borer](#) (ash logs) and [European pine shoot moth](#) (pine limbs and branches)
- ✓ **[Partial exterior quarantine due to land border with Canada](#)**
- ✓ **State Agency official firewood recommendations**
  - MT Dept. of Natural Resources & Conservation (MTDNRC): [Don't Move Firewood](#)
- ✓ **Extension recommendations**
  - Firewood recommendations found in pest page(s) and/or articles (e.g., [EAB pest fact sheet](#); "[MSU publishes information on potential pest targeting ash trees](#)")
- ✓ **State Lands or Parks recommendations**
  - Found with relatively low visibility on [camping](#) page: link to [Leave No Trace: The 7 Principles](#) (under "Minimize Campfire Impacts")
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Can certify, will certify under phytosanitary cert. to the receiving states' standards

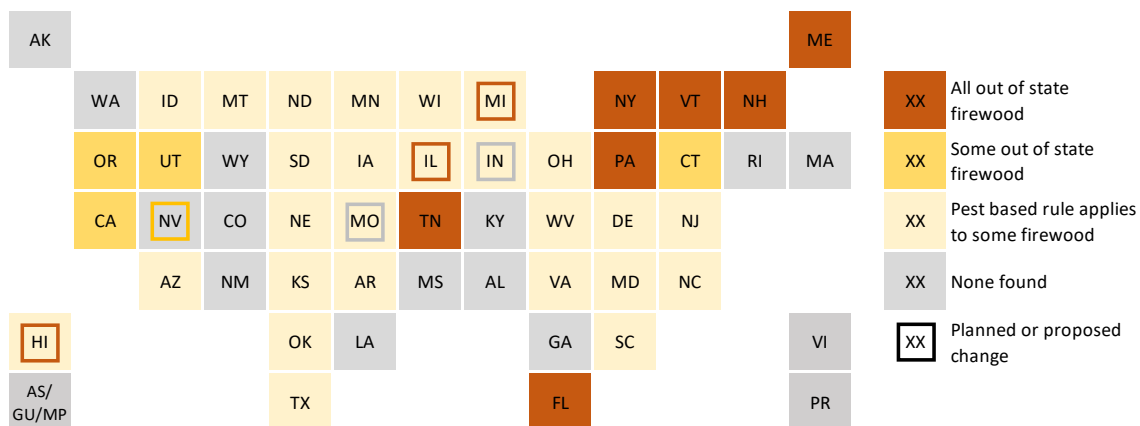
## Not present in Montana:

- ✗ Exterior quarantine on all firewood
- ✗ Interior pest-based quarantine(s) limiting intrastate firewood movement
- ✗ Extension recommendations on highly visible, centralized page
- ✗ State Lands or Parks specific regulations or official statewide restrictions
  - None found (e.g., Park Regulations in [Fees and General Information](#))
- ✗ State Lands or Parks recommendations on highly visible, centralized page
  - None found on relevant high-visibility pages (e.g., [Camping](#))
- ✗ Firewood movement-related recommendations on State Park campsites' reservation pages
  - None found on campsites' reservation pages (e.g., [Black Sandy SP](#))

## Firewood relevant forest pests found in Montana:

-  Mountain pine beetle
-  Eastern heath snail
-  Dutch elm disease

# Nebraska State Summary



## Nebraska currently has in place:

- ✓ **Exterior pest-based quarantine**
  - State quarantine on [thousand cankers disease](#) (hardwood firewood)
- ✓ **State Agency official firewood recommendations**
  - Found on NE Dept. of Agriculture pest page: [How Can I Help Prevent the Spread of EAB?](#)
- ✓ **Extension recommendations**
  - Found on extension-affiliated page (NE Invasive Species Project: [Don't Move Firewood](#)) and in article(s) (e.g., [What's in Your Firewood](#))
- ✓ **State Parks official firewood recommendations**
  - Found on Camping page: [Firewood Alert: Voluntary Firewood Restriction](#)
- ✓ **Firewood movement-related recommendations on State Park campsites' reservation pages**
  - (e.g., [Indian Cave SP](#))
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - NE Dept. of Agriculture has ability to provide certification upon request

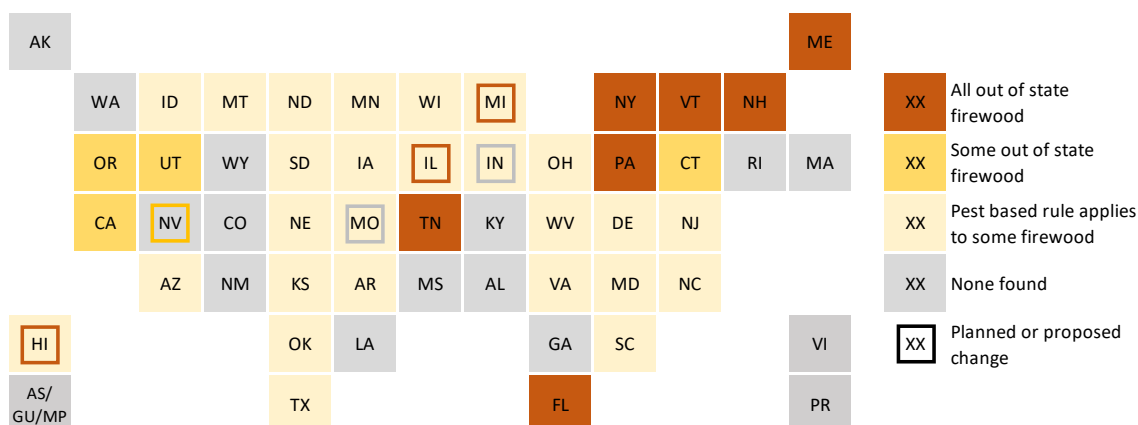
## Not present in Nebraska:

- ✗ Exterior quarantine on all firewood
- ✗ Interior pest-based quarantine(s) limiting intrastate firewood movement
- ✗ State Lands or Parks specific regulations or official statewide restrictions

## Firewood relevant forest pests found in Nebraska:

 Emerald ash borer

# Nevada State Summary




## Nevada currently has in place:


- ✓ **Planned or proposed** exterior firewood quarantine on firewood from quarantined areas
- ✓ **State Agency official firewood recommendations**
  - Recommendations found with relatively low visibility in pest page, news release, or article (e.g., “[NDA offers tips and precautions when buying firewood](#)”)
- ✓ **Extension recommendations**
  - Firewood recommendations found with relatively low visibility in pest alerts, news release, and/or article(s) (e.g., “[Exotic Insects Invading Nevada’s Trees!](#)”)

## Not present in Nevada:

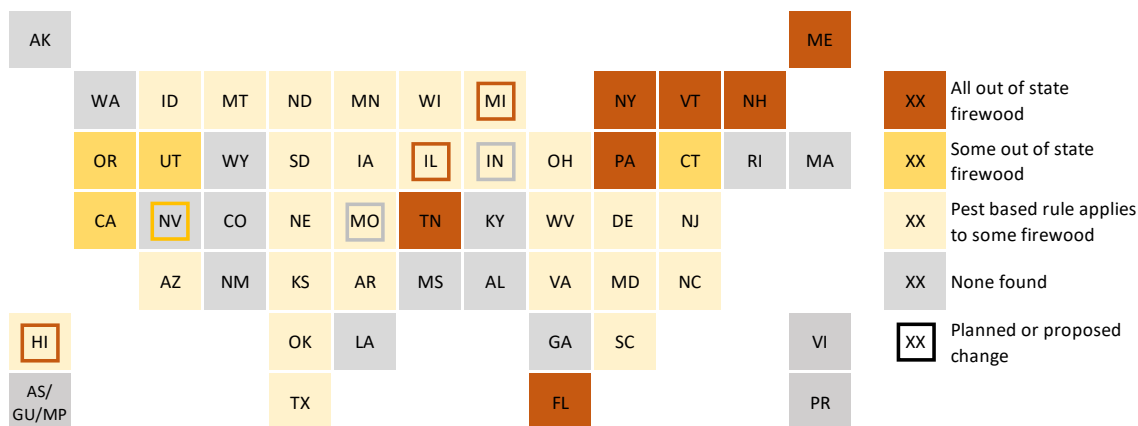
- ✗ Exterior pest-based quarantine(s)
  - None currently implemented but [legal framework to quarantine pests](#) available upon need
- ✗ Interior pest-based quarantine(s) limiting intrastate firewood movement
  - None currently implemented but [legal framework to quarantine pests](#) available upon need
- ✗ Extension recommendations on highly visible, centralized page
- ✗ State Lands or Parks specific regulations
  - Not found (e.g., [General Restrictions in Use](#); [Public Notices & Alerts](#))
- ✗ Stand Lands or Parks recommendations
  - Not found on relevant pages (e.g., [State Parks](#); [FAQ](#); [Fire Restrictions](#))
- ✗ Firewood movement-related recommendations on State Park campsites’ reservation pages
  - Not found on parks’ pages or in reservation info (when applicable, e.g., [Wild Horse SRA](#))
- ✗ Certification ability (i.e., kiln certification to meet any applicable heat-treatment standards)
  - does not currently certify heat-treatment of firewood; past treatments done by private industry

## Firewood relevant forest pests found in Nevada:

 Mountain pine beetle, Mediterranean pine engraver, satin moth, western ash bark beetle, ponderosa pine beetle, pinyon ips, fir engraver

 thousand cankers disease

# New Hampshire State Summary




## New Hampshire currently has in place:

- ✓ **Exterior quarantine on all firewood**
  - NH Dept. of Agriculture, Markets & Food (NHDAMF) and NH Dept. of Natural & Cultural Resources (NHDNCR) quarantine on [all un-treated firewood](#) (T314-a heat-treatment exemption)
- ✓ **Federal pest-based quarantine** – limiting export of regulated articles
  - [spongy moth \(\*L. dispar\*\)](#) (encompasses entire state)
- ✓ **[Partial exterior quarantine due to land border with Canada](#)**
- ✓ **State Agency official firewood recommendations**
  - NHDAMF: [Firewood Quarantine](#); NH Division of Forests and Lands [Firewood](#) page
- ✓ **Extension recommendations**
  - Firewood recommendations found with low visibility in article on extension page (e.g., “[Exterior Firewood Quarantine Revised](#)”)
  - Highly visible firewood information found on partner site (<https://www.nhbugs.org/firewood>)
- ✓ **Stand Lands or Parks recommendations**
  - Found with high visibility on [Camping Policies](#) page
- ✓ **Firewood movement-related recommendations on State Park campsites’ reservation pages**
  - Recommendations found on campsites’ reservation portal (e.g., [Moose Brook SP](#))
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Can certify, will certify to [compliance agreement standards for export](#)

## Not present in New Hampshire:

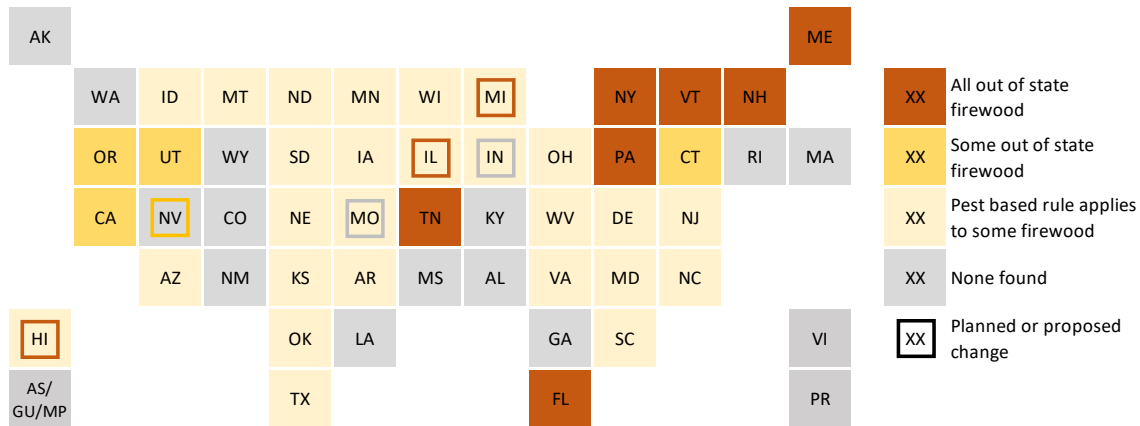
- ✗ Interior pest-based quarantine(s) limiting intrastate movement
- ✗ State Lands or Parks specific regulations or official statewide restrictions
- ✗ Extension recommendations on highly visible, centralized page
  - Could be added to existing firewood resource (e.g., [Heating Your Home with Wood](#))

## Firewood relevant forest pests found in New Hampshire:

 Emerald ash borer, spongy moth (*Lymantria dispar*)



# New Jersey State Summary



## New Jersey currently has in place:

- ✓ **Exterior pest-based quarantine(s)**
  - NJ Dept. of Agriculture (NJDA) quarantine on [spotted lanternfly](#) [2:20-10.8 (b)]
- ✓ **Interior pest-based quarantine(s)** limiting intrastate firewood movement
  - NJDA quarantine on [spotted lanternfly](#) (currently [13 counties](#))
- ✓ **Federal quarantine** – limiting export of regulated articles
  - [spongy moth \(\*L. dispar\*\)](#) (encompasses entire state)
- ✓ **State Agency official firewood recommendations**
  - NJDA [Jersey Grown Firewood](#)
- ✓ **National Park regulations** – at least one NPS camping property regulates firewood movement
  - (e.g., [Camp Gateway – Sandy Hook](#)) – low visibility; rule not found on the NPS [camping](#) page
- ✓ **Extension recommendations**
  - Firewood recommendations found in pest article(s) (e.g., “[USDA APHIS End Emerald Ash Borer Domestic Quarantine Regulations](#)”)

## Not present in New Jersey:

- ✗ Exterior quarantine on all firewood
- ✗ Extension recommendations on highly visible, centralized page
- ✗ State Lands or Parks specific regulations or statewide restrictions
- ✗ State Lands or Parks recommendations
  - Not found (e.g., [NJ State Park Service](#); NJ Outdoors [Campground Reservations](#))
- ✗ Firewood movement-related recommendations on State Park campsites’ reservation pages
  - Not found (e.g., [Wawayanda SP](#))
- ✗ Certification ability (i.e., kiln certification to meet any applicable heat-treatment standards)
  - does not certify, no current program but could change with interest

## Firewood relevant forest pests found in New Jersey:

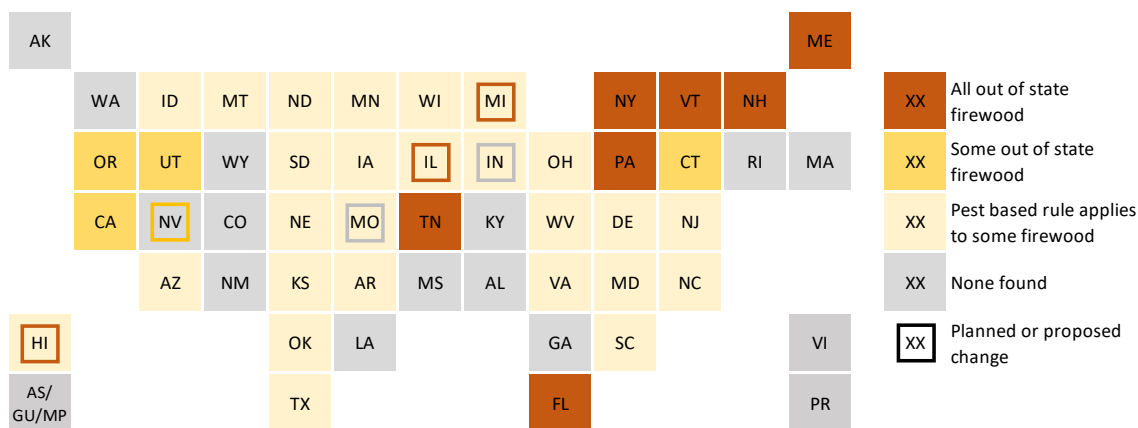


Emerald ash borer, spongy moth (*Lymantria dispar*), spotted lanternfly



beech leaf disease

# New Mexico State Summary



## New Mexico currently has in place:

- ✓ **Interior pest-based quarantine(s)** limiting intrastate firewood movement
  - Federal quarantine on [imported fire ant](#)
  - NM Dept. of Agriculture (NMDA) quarantine on [red imported fire ant](#)
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Can certify, will enter compliance agreement and certify to the standards of the receiving state

## Not present in New Mexico:

- ✗ Exterior quarantine on all firewood
- ✗ Exterior pest-based quarantine(s)
- ✗ State Agency official firewood recommendations
  - Not found on relevant pages (e.g., [Forest Health](#); [Firewood](#))
- ✗ Extension recommendations
  - Firewood movement recommendations not found in cooperative extension web materials
- ✗ State Lands or Parks specific regulations or official statewide restrictions
- ✗ State Lands or Parks recommendations
  - Not found on relevant pages (e.g., [Camping](#); [Know Before You Go](#))
- ✗ Firewood movement-related recommendations on State Park campsites' reservation pages
  - Not found on campsites' reservation pages (e.g., [Navajo Lake SP](#))

## Firewood relevant forest pests found in New Mexico:

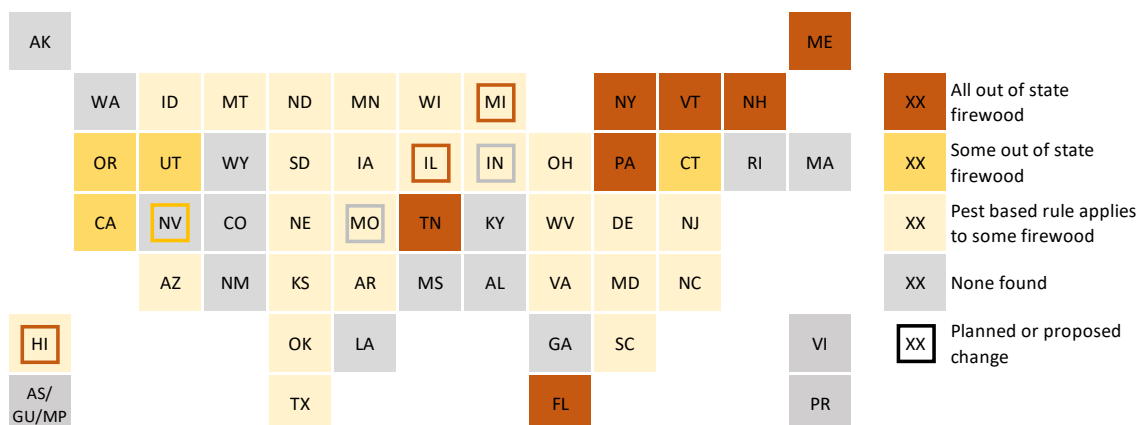


imported fire ant species; pests of pecan



thousand cankers disease

# New York State Summary



## New York currently has in place:

- ✓ [Exterior quarantine on all firewood](#) (T314-c certified heat-treated exemption)
- ✓ [Partial exterior quarantine due to land border with Canada](#)
- ✓ **Interior quarantine(s) limiting intrastate movement**
  - [Distance-based \(50mile\) firewood movement restriction](#)
  - [Federal](#) and [state](#) Asian longhorned beetle quarantines; state quarantine on [oak wilt](#)
- ✓ **Federal quarantine** - limiting export of regulated items
  - [spongy moth \(\*L. dispar\*\)](#) encompasses entire state
- ✓ **State Agency official firewood recommendations**
  - NY Department of Environmental Conservation page: [Firewood and Invasive Pests](#)
- ✓ **Extension recommendations**
  - Found with relatively low visibility in article, pest page, or partner resource (e.g., [CALs lab helps stop spread of devastating oak disease](#); [Emerald Ash Borer: Take Action](#))
- ✓ **State Parks official firewood recommendations**
  - Found on State Parks main [Camping](#) page and [Things to Know](#) page
- ✓ **Firewood movement-related recommendations on State Park campsites' reservation page(s)**
  - (e.g., [Coles Creek SP](#))
- ✓ **National Park regulations** - At least one NPS camping property regulates firewood movement
  - (e.g., [Camp Gateway – Brooklyn NY](#))
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Can certify, certification program in place; Dept. Of Ag. and Markets certifies to T314-c standard

## Not present in New York:

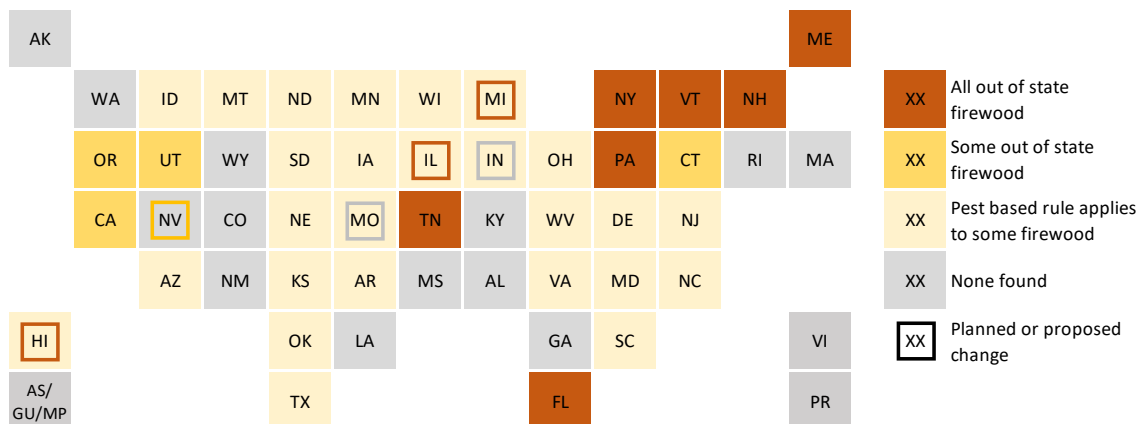
- ✗ State Lands or Parks-specific regulations or official statewide restrictions
  - (Not lands/parks-specific, but parks page(s) do clearly communicate state firewood regulations with high visibility)
- ✗ Extension recommendations on highly visible, centralized page

## Firewood relevant forest pests present in New York:

 Emerald ash borer, spongy moth (*Lymantria dispar*), Asian longhorned beetle

 Oak wilt

# North Carolina State Summary



## North Carolina currently has in place:

- ✓ **Exterior pest-based quarantine(s)**
  - NC Dept. of Agriculture and Consumer Services (NCDA&CS) quarantines on [European wood wasp](#) (pine FW) and [thousand cankers disease](#) (all non-coniferous FW)
- ✓ **Interior pest-based quarantine(s)** limiting intrastate firewood movement
  - Federal quarantine on [imported fire ant](#)
  - NCDA&CS quarantine on [emerald ash borer](#) (hardwood FW)
- ✓ **State Agency official firewood recommendations**
  - NC Forest Service: [Use Local Firewood](#)
- ✓ **Extension recommendations**
  - Found in publication: [Firewood as a Vector in Invasive Pest Dispersal](#)
- ✓ **Stand Lands or Parks recommendations**
  - Found with high visibility on main [Camping](#) and [Park Rules](#) pages
- ✓ **National Park Regulations** – at least one NPS camping property has firewood regulations
  - (e.g., [Great Smokies NP](#))
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Can certify, NCDA&CS [Plant Industry Division](#) will certify to T314-c

## Not present in North Carolina:

- ✗ Exterior quarantine on all firewood
- ✗ State Lands or Parks specific regulations or statewide restrictions
- ✗ Firewood movement-related recommendations on State Park campsites' reservation pages
  - Not found on [reservation portal general rules](#) or reservation sites (e.g., [Eno River SP](#))

## Firewood relevant forest pests found in North Carolina:

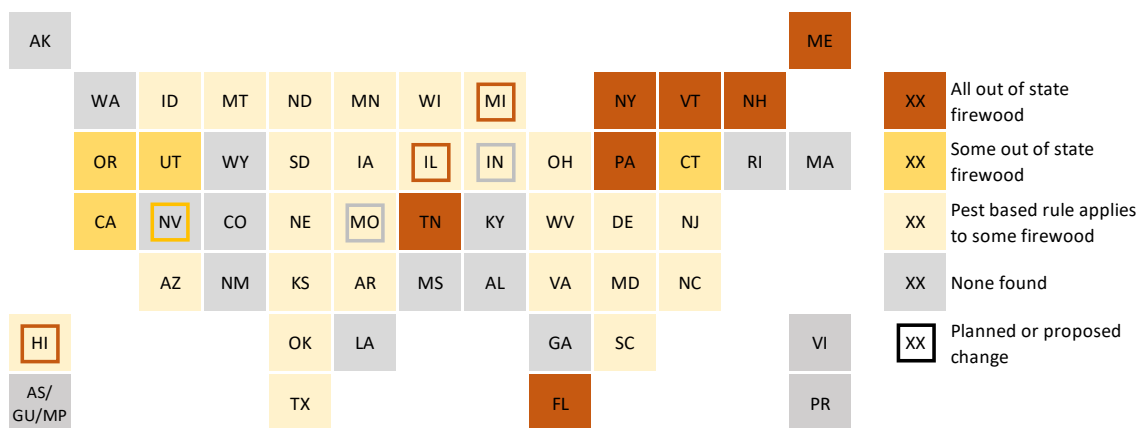


Emerald ash borer, imported fire ant



Laurel wilt disease

# North Dakota State Summary




## North Dakota currently has in place:

- ✓ **Exterior pest-based quarantine(s)**
  - ND Dept. of Agriculture (NDDA) quarantine on [emerald ash borer](#) (hardwood firewood)
- ✓ **[Partial exterior quarantine due to land border with Canada](#)**
- ✓ **State Agency official firewood recommendations**
  - NDDA: [Firewood](#)
- ✓ **Extension recommendations**
  - Firewood recommendations found in pest page(s) or article(s) with relatively low visibility (e.g., "[Preventing the Spread of Emerald Ash Borer](#)")
- ✓ **Stand Lands or Parks recommendations**
  - Found with relatively low visibility in new release (e.g., [National Invasive Species Awareness Week](#)) and campground brochures (e.g., [Fort Abraham Lincoln SP](#))

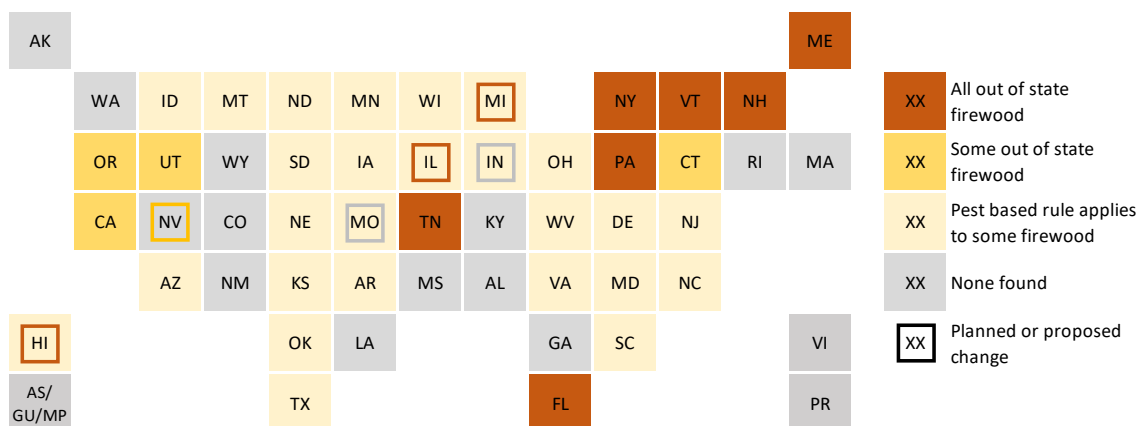
## Not present in North Dakota:

- ✗ Exterior quarantine on all firewood
- ✗ Interior pest-based quarantine(s) limiting intrastate firewood movement
- ✗ Extension recommendations on highly visible, centralized page
- ✗ State Lands or Parks specific regulations or official statewide restrictions
- ✗ Stand Lands or Parks recommendations on highly visibility, centralized page
  - Not found on highly visible page(s) (e.g., [ND Parks & Recreation; Camping](#))
- ✗ Firewood movement-related recommendations on State Park campsites' reservation pages
  - Not found on campsites' reservation pages (e.g., [Beaver Lake SP](#))
- ✗ Certification ability (i.e., kiln certification to meet any applicable heat-treatment standards)
  - does not certify, does not have a program nor any known need

## Firewood relevant forest pests found in North Dakota:

-  Dutch elm disease

# Northern Mariana Islands



## What Northern Mariana Islands currently have in place:

- ✓ **Federal quarantine** limits export of regulated items
  - [giant African land snail](#) considered quarantine pest for continental US
- ✓ **Timber permit requirement under the authority of 7 CFR 319.40** whereby the USDA requires a permit for importation of logs, lumber, and other *unmanufactured wood products* into the USA\*. Similarly, regulation [7 CFR 318](#) – all plant or vegetative material including agriculture-related cargo must be surrendered for preclearance inspection prior to being shipped/moved to US mainland.
 

*\*USDA APHIS definition of the USA includes all fifty states as well as Puerto Rico, US Virgin Islands, American Samoa, Guam, and Northern Mariana Islands.*

## Not present in Northern Mariana Islands:

- ✗ Exterior quarantine on all firewood
- ✗ Exterior pest-based quarantine(s)
  - No territory-based exterior quarantines
- ✗ Interior pest-based quarantine(s)
  - No territory-based interior pest quarantines
- ✗ Territorial agency official firewood recommendations
- ✗ Extension recommendations
  - None found (e.g., [Northern Marianas CREES](#))
- ✗ Certification ability (i.e., kiln certification to meet applicable heat-treatment standards)

## Not Applicable:

- ✗ State Lands or Parks specific regulations or official statewide restrictions
- ✗ State Lands or Parks official recommendations found on a single centralized page
- ✗ Firewood movement-related recommendations on park campsites' reservation page(s)

## Firewood relevant pests found in Northern Mariana Islands:

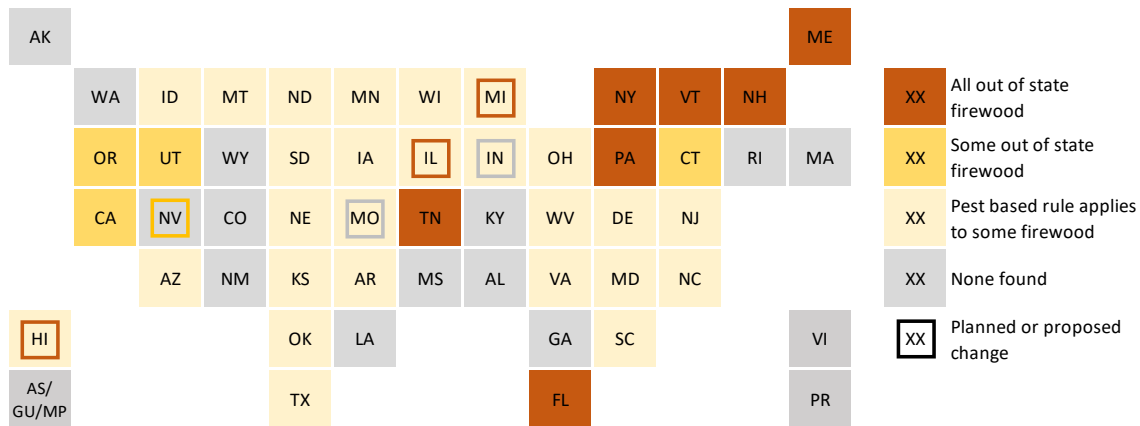


giant African land snail



little fire ants

# Ohio State Summary



## Ohio currently has in place:

- ✓ **Exterior pest-based quarantine(s)**
  - OH Dept. of Agriculture (ODA) quarantine on [spotted lanternfly](#)
- ✓ **Interior pest-based quarantine(s) limiting intrastate movement**
  - [State](#) and [federal](#) quarantines on Asian longhorned beetle
  - Federal [spongy moth \(\*L. dispar\*\)](#) quarantine (also limits export of regulated items)
- ✓ **Federal quarantine** limits export of regulated items
  - [spongy moth \(\*L. dispar\*\)](#) (encompasses entire state)
- ✓ **State Agency official firewood recommendations**
  - (e.g., [Firewood Buying Guidelines](#))
- ✓ **Extension recommendations**
  - Found with relatively low visibility on Clermont County pest page: [Invasive Pests Including Asian Longhorned Beetle & Emerald Ash Borer](#)
- ✓ **State Parks official firewood recommendations**
  - Recommendations found on parks page: [Activities Not Allowed at Ohio State Parks](#)
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Can certify, ODA will certify firewood for export upon request

## Not present in Ohio:

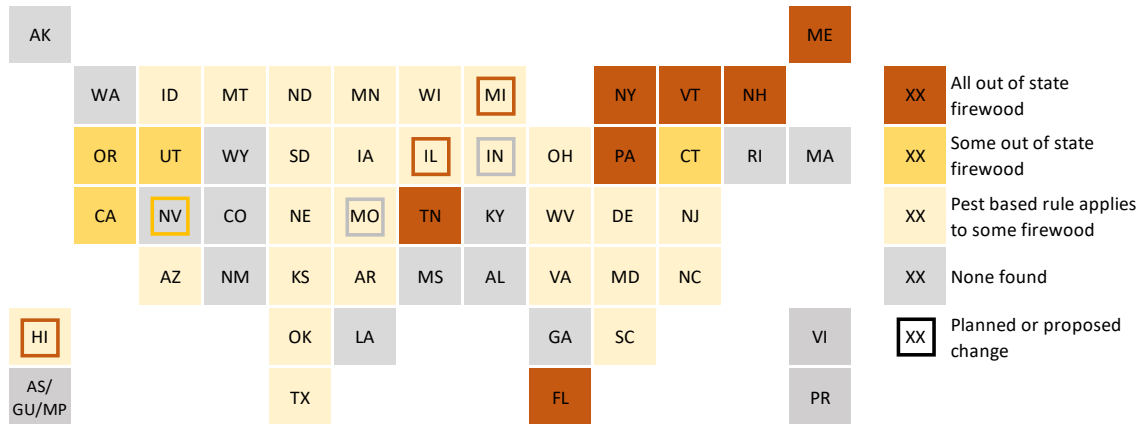
- ✗ Exterior quarantine on all firewood
- ✗ State Lands or Parks-specific regulations or official statewide restrictions
  - None found (e.g., [Camping Rules for Ohio State Parks](#))
- ✗ Extension recommendations on highly visible, centralized page
- ✗ Firewood movement-related recommendations on State Park campsites' reservation pages
  - (e.g., [Forked Run State Park](#))

## Firewood relevant forest pests present in Ohio:



Emerald ash borer, Asian longhorned beetle, spongy moth (*Lymantria dispar*)

# Oklahoma State Summary



## Oklahoma currently has in place:

- ✓ **Exterior pest-based quarantine(s)**
  - OK Dept. of Agriculture, Food and Forestry quarantines on [emerald ash borer](#) (hardwood firewood) and [thousand cankers disease](#) (*Juglans* sp.)
- ✓ **Interior pest-based quarantine(s)** limiting intrastate firewood movement
  - Federal quarantine on [imported fire ant](#) (partial)
  - ODAFF quarantine on [emerald ash borer](#) (hardwood firewood)
- ✓ **State Agency official firewood recommendations**
  - Found with high visibility on ODAFF page: [Forest and Land Management](#)
- ✓ **Extension recommendations**
  - Found with relatively low visibility on pest page(s) or article(s) (e.g., [Signs and Symptoms of Emerald Ash Borer](#))
- ✓ **Stand Lands or Parks recommendations**
  - Found with high visibility on main [State Parks FAQ](#) page

## Not present in Oklahoma:

- ✗ Exterior quarantine on all firewood
- ✗ Extension recommendations on highly visible, centralized page
- ✗ State Lands or Parks specific regulations or official statewide restrictions
  - None found in relevant materials (e.g., [State Park Rules](#))
- ✗ Firewood movement-related information on State Park campsites' reservation pages
  - None found on campsites' reservation pages (e.g., [Beavers Bend SP](#))
- ✗ Certification ability (i.e., kiln certification to meet any applicable heat-treatment standards)
  - does not certify, currently no certification process but could change with interest

## Firewood relevant forest pests found in Oklahoma:



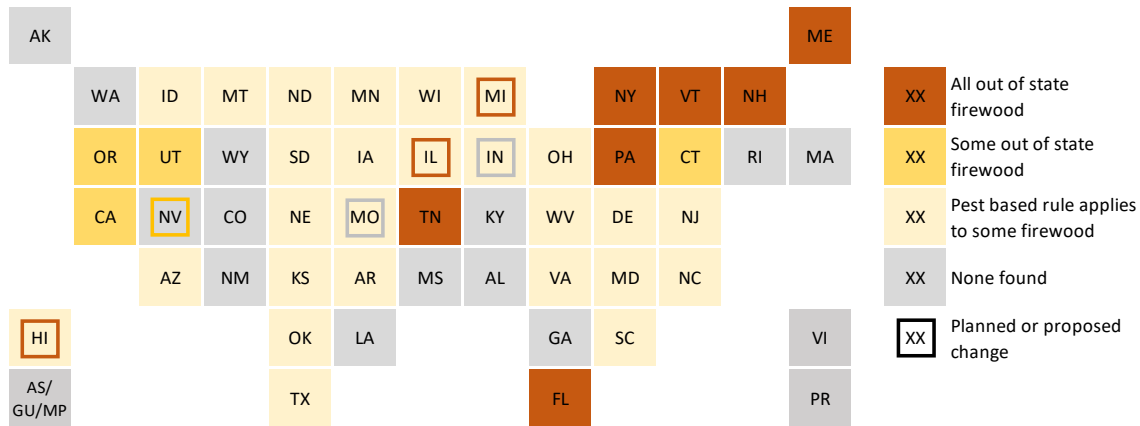
Emerald ash borer, imported fire ant, southern pine beetle



oak wilt disease



# Oregon State Summary



## Oregon currently has in place:

- ✓ **Exterior quarantine on most firewood**
  - OR Dept. of Agriculture (ODA) firewood partial [exterior quarantine on firewood from outside of Pacific Northwest](#)
- ✓ **Exterior pest-based quarantine(s)**
  - ODA quarantines on [Dutch elm disease](#) and [chestnut blight](#)
- ✓ **Interior pest-based quarantine(s) limiting intrastate firewood movement**
  - Federal and state quarantine on [Phytophthora ramorum](#) (partial, Curry County)
  - ODA quarantine on [Dutch elm disease](#)
- ✓ **State Agency official firewood recommendations**
  - Found with high visibility on ODA page: [How You Can Help](#)
- ✓ **Extension recommendations**
  - Found with relatively low visibility in pest page(s) or article(s) (e.g., [“The Hidden Threat in Firewood: Invasive Forest Pests”](#))
- ✓ **Stand Lands or Parks recommendations**
  - Found with high visibility on main [State Parks FAQ](#) page
- ✓ **National Park Regulations** – at least one NPS camping property has regulations
  - (e.g., [Mazama Campground](#))

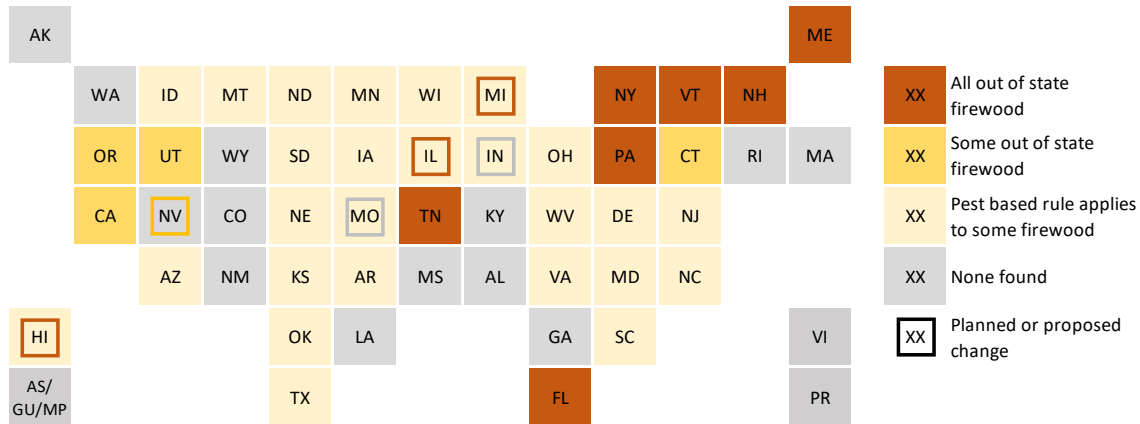
## Not present in Oregon:

- ✗ Exterior quarantine on all firewood
- ✗ Extension recommendations on highly visible, centralized page
- ✗ State Lands or Parks specific regulations or official statewide restrictions
- ✗ Firewood movement-related recommendations on State Park campsites’ reservation pages
  - Not found on campsites’ reservation pages (e.g., [Tumalo SP](#))
- ✗ Certification ability (i.e., kiln certification to meet any applicable heat-treatment standards)
  - *does not certify, no certification program at this time*

## Firewood relevant forest pests found in Oregon:

- Mountain pine beetle
- Emerald ash borer
- sudden oak death (*Phytophthora ramorum*); thousand cankers disease (*Geosmithia morbida*); Dutch elm disease (*Ophiostoma ulmi*) and elm yellows (elm phloem necrosis) phytoplasma; eastern filbert blight (*Annisogramma anomala*)

# Pennsylvania State Summary



## Pennsylvania currently has in place:


- ✓ **Exterior quarantine on all firewood** (exemption: packaged and kiln-dried, heat-treated, fumigated and/or USDA certified firewood with labeling as to the treatment type and producer's name and address)
- ✓ **Interior pest-based quarantine(s)** limiting intrastate movement
  - PA Dept. of Agriculture (PDA) quarantine on [SLF](#) (currently [over 40 counties](#))
- ✓ **Federal quarantine** limits export of regulated items
  - [spongy moth \(\*L. dispar\*\)](#) (encompasses entire state)
- ✓ **State Agricultural Agency official firewood recommendations**
  - [PDA Firewood Page](#)
- ✓ **State Parks official firewood recommendations**
  - [Statewide Park Alerts and Advisories](#)
- ✓ **Extension recommendations**
  - Multiple articles found with low visibility that mention firewood as a vector for pest dispersal (e.g., this 2021 [SLF article](#), and this 2021 [oak wilt](#) article)
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - PDA can certify kilns to enable export to the T314-c or T314-a standard upon request
- ✓ **National Park regulations** - At least one NPS unit regulates firewood
  - (e.g., [Dingmans Campground](#))

## Not present in Pennsylvania:

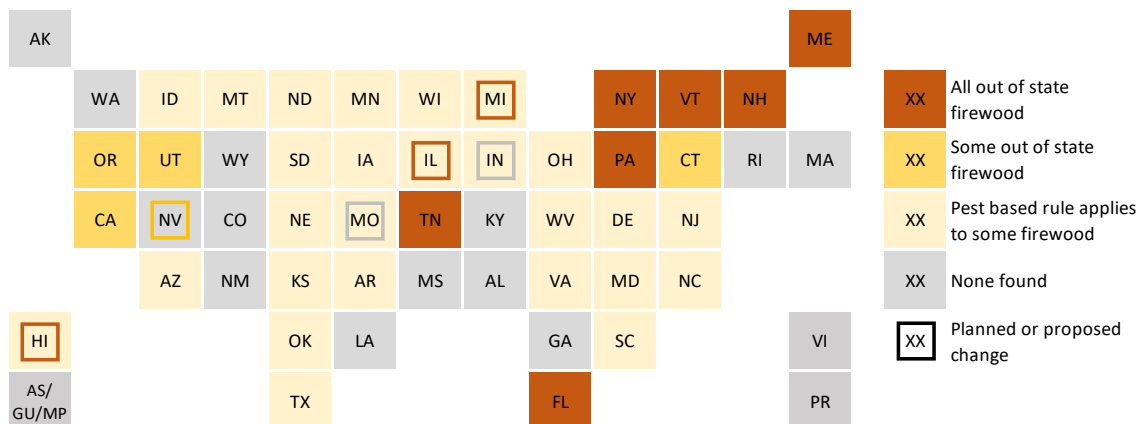
- ✗ State Lands or Parks specific regulations or official statewide restrictions
- ✗ Extension recommendations on single centralized page
- ✗ Firewood movement-related recommendations on State Park campsites' reservation pages
  - (e.g., [Raymond B. Winters State Park](#))

## Firewood relevant forest pests found in Pennsylvania:

 Emerald ash borer, spotted lanternfly, spongy moth (*Lymantria dispar*)

 Oak wilt, thousand cankers disease

# Puerto Rico Territory Summary



## Puerto Rico currently has in place:

- ✓ **Federal quarantine** limits export of regulated items
  - [imported fire ant](#) encompasses entire territory
- ✓ **Timber permit requirement under the authority of 7 CFR 319.40** whereby the USDA requires a permit for importation of logs, lumber, and other *unmanufactured wood products* into the USA\*. Similarly, regulation [7 CFR 318](#) – all plant or vegetative material including agriculture-related cargo must be surrendered for preclearance inspection prior to being shipped/moved to US mainland.
 

*\*USDA APHIS definition of the USA includes all fifty states as well as Puerto Rico, US Virgin Islands, American Samoa, Guam, and Northern Mariana Islands.*




## Not present in Puerto Rico:

- ✗ Exterior quarantine on all firewood
- ✗ Exterior pest-based quarantine(s)
  - No territory-based exterior quarantines
- ✗ Interior pest-based quarantine(s)
  - No territory-based interior pest quarantines
- ✗ Territorial agency official firewood recommendations
- ✗ Extension recommendations
  - None found (e.g., [Servicio de Extensión Agrícola](#))
- ✗ Certification ability (i.e., kiln certification to meet applicable heat-treatment standards)

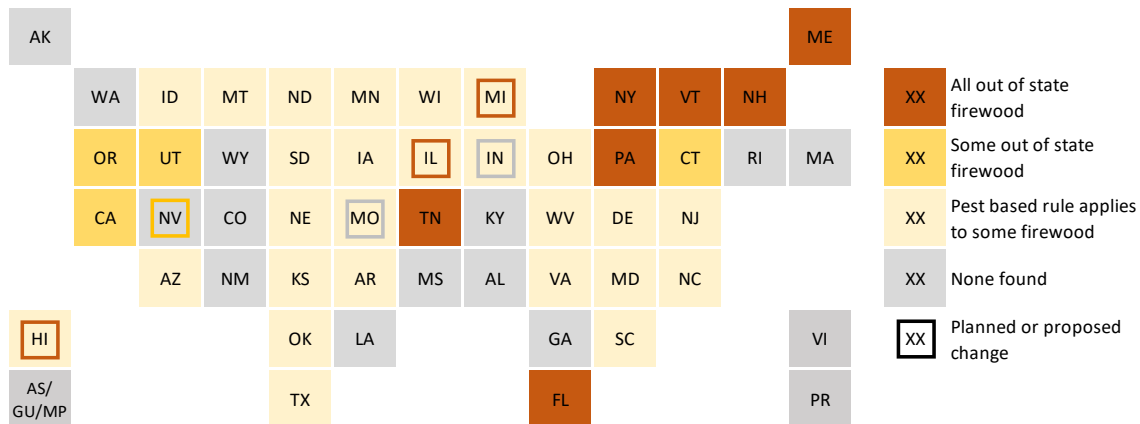
## Not Applicable:

- ✗ State Lands or Parks specific regulations or official statewide restrictions
- ✗ State Lands or Parks official recommendations found on a single centralized page
- ✗ Firewood movement-related recommendations on park campsites' reservation page(s)

## Firewood relevant pests found in Puerto Rico:

 giant African land snail  imported fire ants  coqui frogs

# Rhode Island State Summary



## Rhode Island currently has in place:

- ✓ **Federal quarantine(s)** – limited export of regulated articles
  - [spongy moth \(\*L. dispar\*\)](#) (encompasses entire state)
- ✓ **State Agency official firewood recommendations**
  - Found with high visibility on multiple RI Dept. of Environmental Management (DEM) pages (e.g., [Forest Health](#))
- ✓ **Stand Lands or Parks recommendations**
  - Found in [RI State Parks Camping Policy](#) and [Know Before You Go](#)
- ✓ **Firewood movement-related recommendations on State Park campsites' reservation pages**
  - Found on [page linked](#) (low visibility) on campsites' reservation pages (e.g., [Burlingame](#))

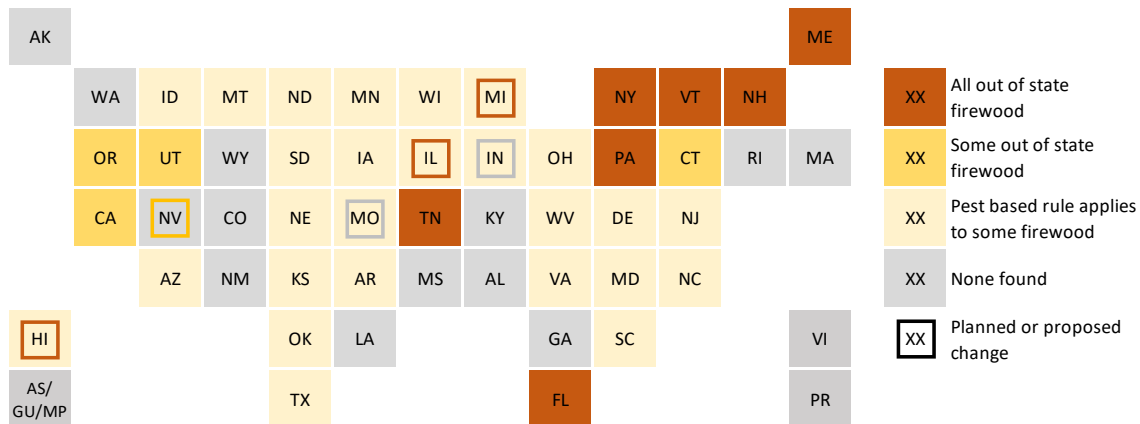
## Not present in Rhode Island:

- ✗ Exterior quarantine on all firewood
- ✗ Exterior pest-based quarantine(s)
- ✗ Interior pest-based quarantine(s) limiting intrastate firewood movement
- ✗ Extension recommendations
  - Firewood movement-related recommendation not found in cooperative extension web materials
- ✗ State Lands or Parks specific regulations or statewide restrictions
- ✗ Firewood movement-related recommendations directly (high visibility) on State Park campsites' reservation pages
- ✗ Certification ability (i.e., kiln certification to meet any applicable heat-treatment standards)
  - does not certify, currently no certification process but could change with interest

## Firewood relevant forest pests found in Rhode Island:

 Emerald ash borer, spongy moth (*Lymantria dispar*)

# South Carolina State Summary



## South Carolina currently has in place:

- ✓ **Exterior pest-based quarantine(s)**
  - Clemson University Dept. of Plant Industry (CUDPI) quarantine on [Asian longhorned beetle](#) (hardwood FW)
- ✓ **Interior pest-based quarantine(s)** limiting intrastate firewood movement
  - Federal [[Asian longhorned beetle](#) (partial)] and state (CUDPI) quarantine on [Asian longhorned beetle](#) (hardwood FW)
- ✓ **Federal quarantine** – limiting export of regulated items
  - [imported fire ant](#) (encompasses entire state)
- ✓ **State Agency official firewood recommendations**
  - SC Forestry Commission: [Forest Health: Don't Move Firewood!](#)
- ✓ **Extension recommendations**
  - Found with high visibility: [Firewood Movement](#)
- ✓ **Stand Lands or Parks recommendations**
  - Found with high visibility on [State Parks FAQ](#) page
- ✓ **Firewood movement-related recommendations on State Park campsites' reservation pages**
  - Found with high visibility on campsites' reservation pages (e.g., [Dreher Island SP](#))
- ✓ **National Parks regulations** – at least one NPS property regulates firewood movement
  - (e.g., [Congaree NP](#))
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Can certify, Dept. Of Ag. And Natural Resources certifies to T314-a

## Not present in South Carolina:

- ✗ Exterior quarantine on all firewood
- ✗ State Lands or Parks specific regulations or official statewide restrictions

## Firewood relevant forest pests found in South Carolina:

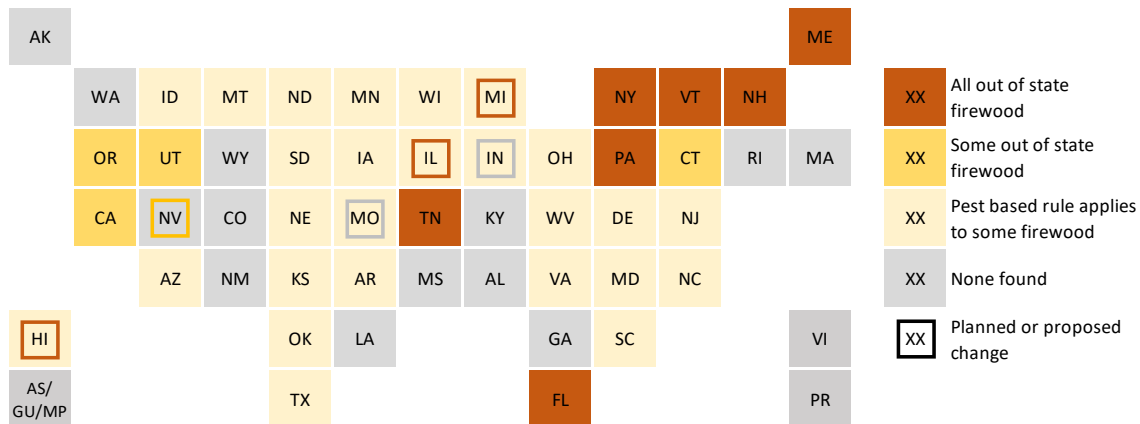


Emerald ash borer, Asian longhorned beetle, imported fire ant, southern pine beetle



oak wilt disease, laurel wilt disease

# South Dakota State Summary




## South Dakota currently has in place:

- ✓ **Exterior pest-based quarantine(s)**
  - SD Dept. of Agriculture and Natural Resources (SDDANR) [emerald ash borer](#) quarantine applies to hardwood firewood from areas with EAB
- ✓ **Interior pest-based quarantine(s) limiting intrastate movement**
  - SDDANR quarantine on [emerald ash borer](#) (see [Interior Quarantine Map](#))
- ✓ **State Agency official firewood recommendations**
  - Found on SDDANR site (e.g., [Plant Protection and Invasive Species](#) page and [Emerald Ash Borer: Community Guidance](#) page)
- ✓ **Extension recommendations**
  - Found with low visibility at end of article "[Choosing Firewood](#)"
- ✓ **State Lands or Parks specific regulations or official statewide restrictions**
  - State park restriction: firewood [policy](#): only [EAB](#) certified safe-to-move firewood allowed
- ✓ **State Lands or Parks official recommendations**
  - Firewood alert found on SD Game, Fish & Parks page: [Camping in South Dakota](#)
- ✓ **Firewood movement-related recommendations on State Park campsites' reservation page(s)**
  - Firewood information found on reservation sites (e.g., [Farm Island](#))
- ✓ **Certification ability (i.e., kiln certification to meet any applicable heat-treatment standards)**
  - Can certify, SDDANR certifies to T314-a

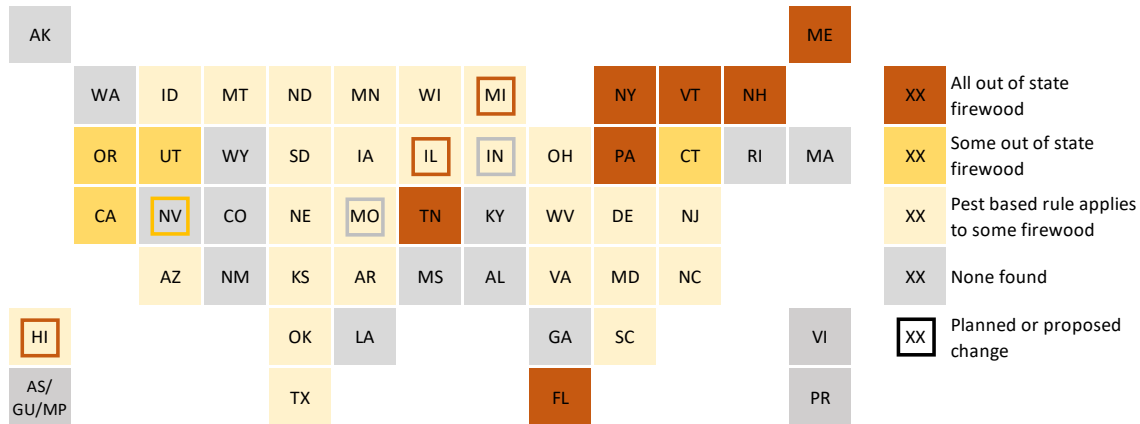
## Not present in South Dakota:

- ✗ **External quarantine on all firewood**
  - Coniferous firewood is not regulated under existing EAB exterior quarantine, however hardwood firewood is regulated
- ✗ **Extension recommendations on high visibility, centralized Extension page**
  - Extension officials provide recommendations on an agency site, not within the structure of the extension site (e.g., [EAB: Community Guidance](#))

## Firewood relevant forest pests found in South Dakota:

 Emerald ash borer, mountain pine beetle

# Tennessee State Summary



## Tennessee currently has in place:

- ✓ **Exterior quarantine on all firewood**
  - TN Dept. of Agriculture (TDA) Division of Consumer and Industry Services [firewood quarantine](#) (T314-c and border county exemption)
- ✓ **Exterior pest-based quarantine(s)**
  - TDA Plant Industries Division quarantine on [imported fire ant](#)
- ✓ **Interior pest-based quarantine(s)** limiting intrastate firewood movement
  - [State](#) (TDA Plant Industries Division) and [Federal](#) (partial) imported fire ant quarantines
  - TDA Division of Regulatory Services quarantine on [emerald ash borer](#) (all hardwood firewood)
- ✓ **State Agency official firewood recommendations**
  - Found on or linked to multiple TDA pages (e.g., [EAB](#) page; [Protect TN Forests](#))
- ✓ **Extension recommendations**
  - Found with relatively low visibility in news release or article(s) (e.g., 2011 Issue of What's Happening: "[Emerald Ash Borer Confirmed in Grainger County](#)")
- ✓ **Stand Lands or Parks recommendations**
  - Found with high visibility on main [Camping](#) page
- ✓ **Firewood movement-related information on State Park campsites' reservation pages**
  - Recommendations found on general some campsites' reservation pages (under: "Reservation Policies") (e.g., [Paris Landing SP](#))
- ✓ **National Park regulations** – at least one NPS property regulates firewood movement
  - (e.g., [Great Smokes NP](#))
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Can certify, [TN certification program](#) offers T314-c and T314-c standards

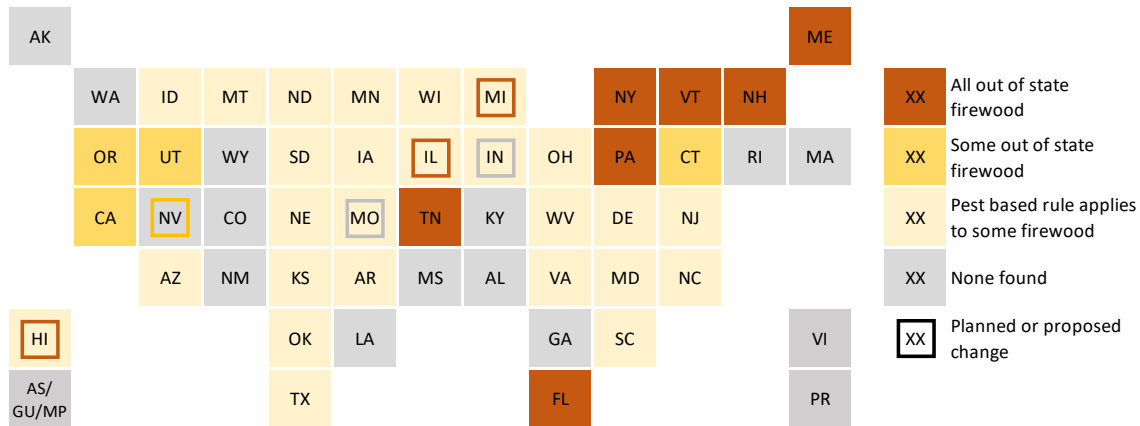
## Not present in Tennessee:

- ✗ Extension recommendations on highly visible, centralized page
- ✗ State Lands or Parks specific regulations -statewide-
  - None found (e.g., [Rules and Regulations](#)) \*note: Firewood policy states only certified firewood "allowed" in some web materials but not all (e.g., see [Policies](#) page vs [Camping](#) page)

## Firewood relevant forest pests found in Tennessee:

- Emerald ash borer, imported fire ant, southern pine beetle
- oak wilt disease, laurel wilt disease, thousand cankers disease

# Texas State Summary



## Texas currently has in place:

- ✓ **Exterior pest-based quarantine(s)**
  - TX Dept. of Agriculture (TDA) quarantine on [pecan weevil](#) (all hickory, pecan, and walnut trees and parts thereof)
- ✓ **Interior pest-based quarantine(s)** limiting intrastate firewood movement
  - TDA quarantines on [emerald ash borer](#) (non-coniferous FW) and [pecan weevil](#)
  - Federal [imported fire ant](#) quarantine
- ✓ **State Agency official firewood recommendations**
  - TDA recommendations found on [EAB quarantine page](#)
- ✓ **Extension recommendations**
  - Firewood recommendations found on partner site TexasInvasives.org ([Take Action](#)) and article(s) (see [FW search results](#))
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Can certify, treatment certifications are issued with compliance agreements to necessary standards

## Not present in Texas:

- ✗ Exterior quarantine on all firewood
- ✗ Extension recommendations on highly visible, centralized page
- ✗ State Lands or Parks-specific regulations or official statewide restrictions
  - None found on relevant pages (e.g., [Park Rules](#); [Administrative Code](#))
- ✗ State Lands or Parks recommendations
  - None found on relevant pages (e.g., [TX State Parks](#); [FAQ](#))
- ✗ Firewood movement-related recommendations on State Park campsites' reservation pages
  - Not found on campsites' reservation pages (e.g., [Meridian SP](#))

## Firewood relevant forest pests found in Texas:



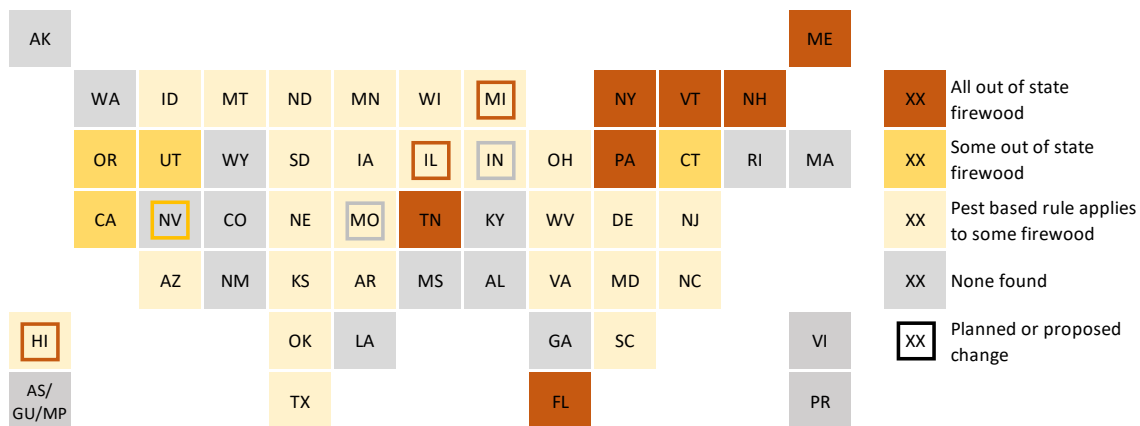
Emerald ash borer, imported fire ant, pests of pecan



Laurel wilt disease



# Utah State Summary



## Utah currently has in place:

- ✓ **Exterior quarantine on most firewood**
  - Utah Dept. of Agriculture and Food (UDAF) quarantine on [any FW from a quarantined area and any FW offered for sale](#)
- ✓ **Exterior pest-based quarantine(s)**
  - UDAF quarantine on [emerald ash borer](#) (ash firewood) and [spongy moth \(\*L. dispar\*\)](#)
- ✓ **Interior pest-based quarantine(s) limiting intrastate firewood movement**
  - UDAF quarantine on [spongy moth \(\*L. dispar\*\)](#)
- ✓ **State Agency official firewood recommendations**
  - Found on UDAF [Firewood Quarantine](#) page
- ✓ **Extension recommendations**
  - Firewood recommendations found on highly visible [Invasive Species](#) page and pest page(s) (e.g., [EAB fact sheet](#))
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Can certify, program available to certify firewood to receiving states' standards; currently not requested/in use

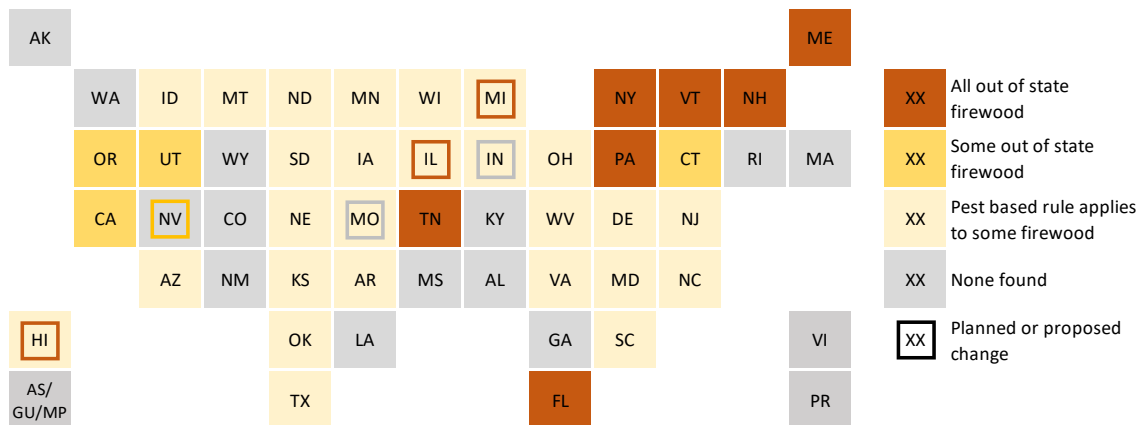
## Not present in Utah:

- ✗ Exterior quarantine on all firewood
- ✗ State Lands or Parks-specific regulations or official statewide restrictions
  - MN Dept. of (e.g., [Policies and Park Rules](#); [Administrative Rules](#))
- ✗ State Lands or Parks recommendations
  - None found on relevant pages (e.g., [Camping](#))
- ✗ Firewood movement-related recommendations on State Park campsites' reservation pages
  - Not found on campsites' reservation portal (e.g., [Deadhorse SP](#))

## Firewood relevant forest pests found in Utah:

 velvet longhorned beetle

# Vermont State Summary




## Vermont currently has in place:

- ✓ **Exterior quarantine on all firewood** (T314-c heat-treatment exemption)
- ✓ **Interior pest-based quarantine(s)** limiting intrastate movement
  - VT Agency of Agriculture Food & Markets (VAAFAM) quarantine on [pine shoot beetle](#) (*Pinus* spp. logs with bark attached)
- ✓ **Federal quarantine** limits export of regulated articles
  - [Spongy moth](#) (*L. dispar*) (encompasses entire state)
- ✓ **Partial exterior quarantine due to land border with Canada**
- ✓ **State Agency official firewood recommendations**
  - VT Agency of Natural Resources, Dept. of Forests – Parks and Recreation [Firewood FAQ](#)
- ✓ **Extension recommendations**
  - Found with low visibility on extension [website](#): refers to partner site(s)
  - Partner sites: [VT Invasives](#) has high visibility firewood content; also [VT Urban & Community Forestry](#) has multiple 2016 articles (e.g., “[Don’t Move Firewood: It’s the Law!](#)”)
- ✓ **State Lands or Parks specific regulations or official statewide restrictions**
  - state park firewood camping [policy](#) requires outside firewood to be certified
- ✓ **State Lands or Parks official recommendations**
  - Firewood policy alert at top of [camping page](#)
- ✓ **Firewood movement-related recommendations on State Park campsites’ reservation page(s)**
  - Firewood information found on page that is linked (relatively low visibility) on reservation sites (e.g., [Allis SP](#))
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Can certify, VAAFAM provides kiln certification to kiln drying operations

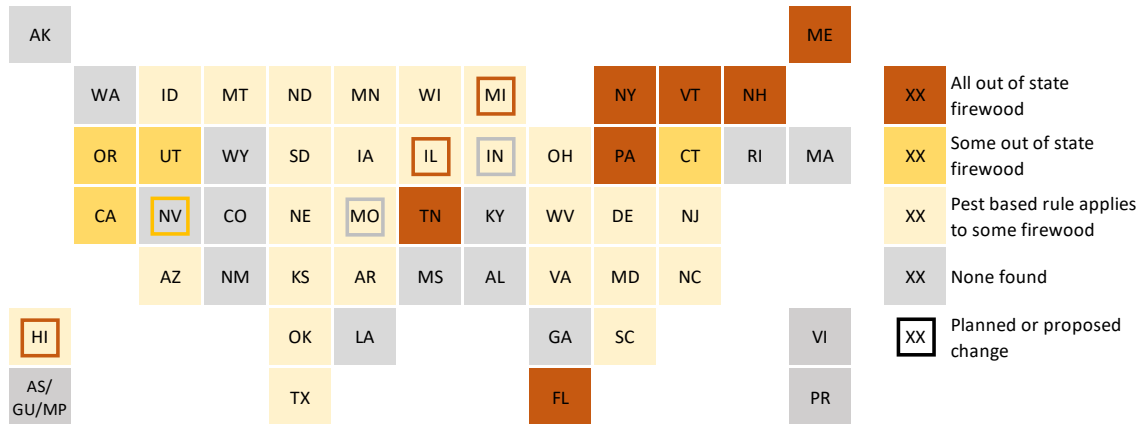
## Not present in Vermont:

- ✗ Extension recommendations on highly visible, centralized page
  - *extension website does refer to partner site with highly visible firewood information*
- ✗ Firewood movement-related recommendations provided directly (high visibility) on State Park campsites’ reservation pages

## Firewood relevant forest pests found in Vermont:

 Emerald ash borer, spongy moth (*Lymantria dispar*)

# Virgin Islands Territory Summary



## What Virgin Islands currently has in place:

- ✓ **Federal quarantine** limits export of regulated items
  - [giant African land snail](#) considered quarantine pest for continental US
- ✓ **Timber permit requirement under the authority of 7 CFR 319.40** whereby the USDA requires a permit for importation of logs, lumber, and other *unmanufactured wood products* into the USA\*. Similarly, regulation [7 CFR 318](#) – all plant or vegetative material including agriculture-related cargo must be surrendered for preclearance inspection prior to being shipped/moved to US mainland.
 

\*USDA APHIS definition of the USA includes all fifty states as well as Puerto Rico, US Virgin Islands, American Samoa, Guam, and Northern Mariana Islands.

## Not present in US Virgin Islands:

- ✗ Exterior quarantine on all firewood
- ✗ Exterior pest-based quarantine(s)
  - No territory-based exterior quarantines
- ✗ Interior pest-based quarantine(s)
  - No territory-based interior pest quarantines
- ✗ Territorial agency official firewood recommendations
- ✗ Extension recommendations
  - None found (e.g., [Cooperative Extension Services](#))
- ✗ Certification ability (i.e., kiln certification to meet applicable heat-treatment standards)

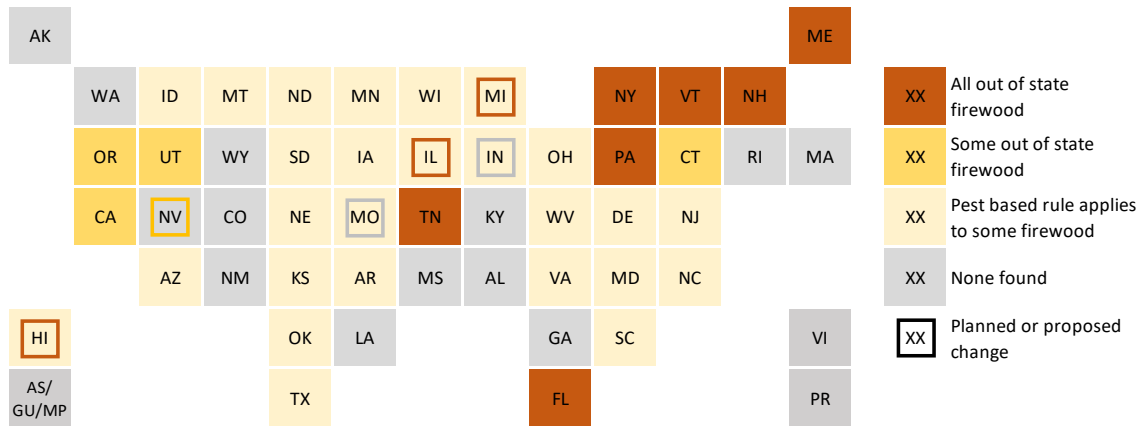
## Not Applicable:

- ✗ State Lands or Parks specific regulations or official statewide restrictions
- ✗ State Lands or Parks official recommendations found on a single centralized page
- ✗ Firewood movement-related recommendations on park campsites' reservation page(s)

## Firewood relevant pests found in US Virgin Islands:

-  giant African land snail
-  imported fire ants

# Virginia State Summary




## Virginia currently has in place:


- ✓ **Exterior pest-based quarantine(s)**
  - VA Dept. of Agriculture and Consumer Services (VDACS) quarantines on [spotted lanternfly](#) (section 2VAC5-336-110) and [thousand cankers disease](#) (*Juglans* sp.)
- ✓ **Interior pest-based quarantine(s)** limiting intrastate firewood movement
  - Federal quarantines on [spongy moth \(\*L. dispar\*\)](#) and [imported fire ant](#) (both partial)
  - VDACS quarantine on [spotted lanternfly](#) and [thousand cankers disease](#) (*Juglans* sp.)
- ✓ **State Agency official firewood recommendations**
  - Found on highly visible VA Dept. of Forestry Page: [Insects and Diseases](#); lower visibility on VDACS: press release (“[Protect Virginia’s Forest and Your Wallet When Using Firewood This Fall](#)”)
- ✓ **Extension recommendations**
  - Found with relatively low visibility pest page(s) or article(s) (e.g., [Emerald Ash Borer](#) fact sheet)
- ✓ **State Lands or Parks regulations**
  - [Importation of firewood regulation](#) provides ability for Director of the Dept. of Conservation and Recreation to prohibit firewood entry into any state park
- ✓ **State Lands or Parks recommendations**
  - Found with high visibility on [Firewood Quarantines](#) and [FAQ](#) pages
- ✓ **Firewood movement-related recommendations on State Park campsites’ reservation pages**
  - Found with high visibility during campground reservation process (e.g., [Kiptokpeke SP](#))
- ✓ **National Park regulations** – at least one NPS property regulates firewood movement
  - (e.g., [Blue Ridge Parkway](#))
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Can certify, Dept. of Ag. and Consumer Services certifies up to T314-c

## Not present in Virginia:

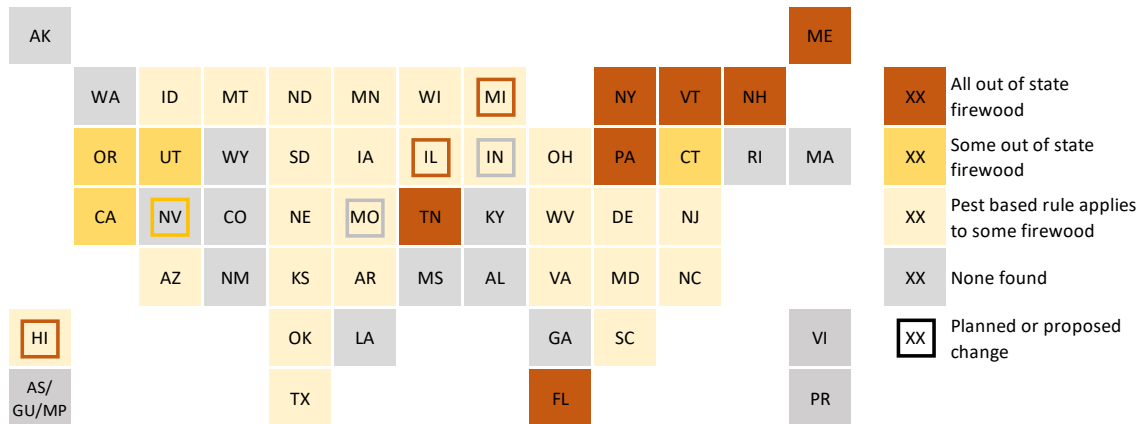
- ✗ Exterior quarantine on all firewood
- ✗ Extension recommendations on highly visible, centralized page
- ✗ State Lands or Parks specific regulations -current statewide application-
  - Statewide [firewood regulation](#) not currently enacted (e.g., [General Park Rules and Regulations](#))

## Firewood relevant forest pests found in Virginia:

 oak wilt disease, thousand cankers disease

 Emerald ash borer, spongy moth (*Lymantria dispar*), southern pine beetle, imported fire ant, spotted lanternfly

# Washington State Summary



## Washington currently has in place:

- ✓ [Partial exterior quarantine due to land border with Canada](#)
- ✓ **State Agency official firewood recommendations**
  - WA Office of Recreation and Conservation: Invasive Species Council: [Buy It Where You Burn It](#)
- ✓ **State Lands or Parks recommendations**
  - Found with relatively low visibility in [Guidelines for Camping](#)

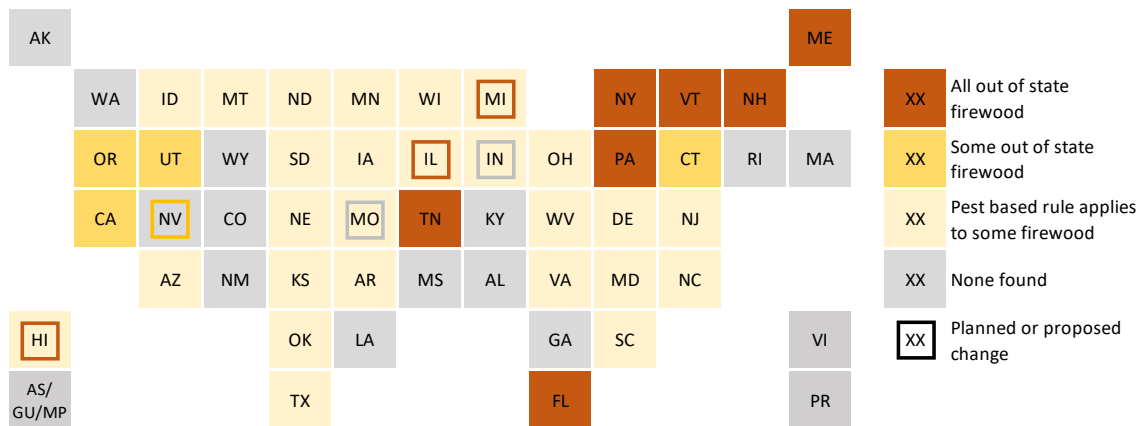
## Not present in Washington:

- ✗ Exterior quarantine on all firewood
- ✗ Exterior pest-based quarantine(s)
- ✗ Interior pest-based quarantine(s) limiting intrastate firewood movement
- ✗ Extension recommendations
  - Not found in cooperative extension materials
- ✗ State Lands or Parks specific regulations or official statewide restrictions
  - None found (e.g., [Park Rules](#); [Permanent Rules Parks and Recreation Commission](#))
- ✗ State Lands or Parks recommendations on highly visible, centralized webpage
- ✗ Firewood movement-related recommendations on State Park campsites' reservation pages
  - None found (e.g., [Fort Ebey SP](#))
- ✗ Certification ability (i.e., kiln certification to meet any applicable heat-treatment standards)
  - does not certify, state does not regulate firewood

## Firewood relevant forest pests found in Washington:

-  Mountain pine beetle
-  thousand cankers disease

# West Virginia State Summary



## West Virginia currently has in place:

- ✓ **Exterior pest-based quarantine(s)**
  - West Virginia Dept. of Agriculture (WVDA) quarantine on [thousand cankers disease](#) (hardwood FW)
- ✓ **Interior pest-based quarantine(s)** limiting intrastate firewood movement
  - Federal quarantine on [spongy moth \(\*L. dispar\*\)](#) (partial)
- ✓ **State Agency official firewood recommendations**
  - WV Division of Forestry: [How you can protect West Virginia's forest from the spread of invasive plants and insects](#)
- ✓ **Extension recommendations**
  - Firewood recommendations found in centralized firewood article (e.g., [Heating with Firewood](#))
- ✓ **Certification ability**
  - Can certify, WVDA will certify commercial producers exporting firewood to T314-c standard

## Not present in West Virginia:

- ✗ Exterior quarantine on all firewood
- ✗ State Lands or Parks specific regulations of official statewide restrictions
  - Not found (e.g., [Rules and Regulations](#); [Administrative Law](#))
- ✗ State Lands or Parks recommendations
  - Not found on relevant pages (e.g., State Parks [Camping](#))
- ✗ Firewood movement-related recommendations on State Park campsites' reservation pages
  - None found on campsites' [reservation portal](#) (e.g., [Watoga SP](#))

## Firewood relevant forest pests present in West Virginia:

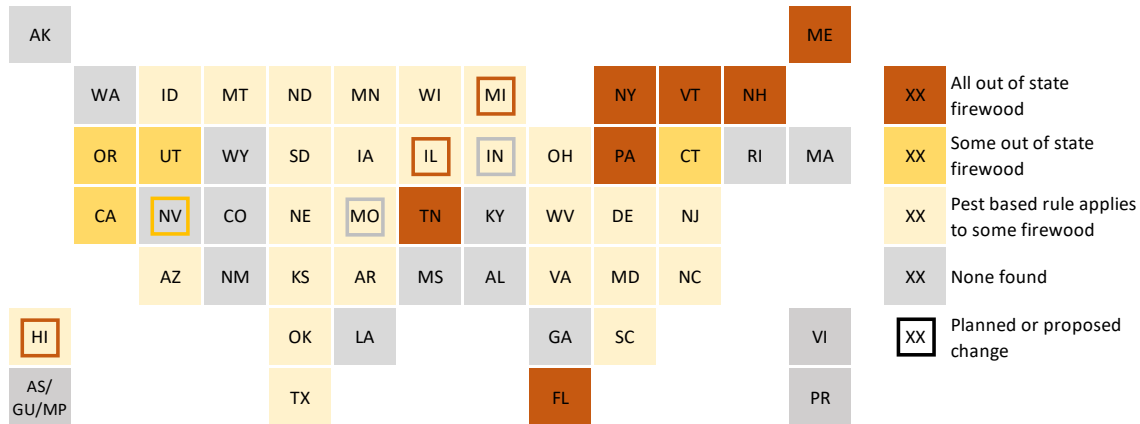


Emerald ash borer, spongy moth (*Lymantria dispar*), pine shoot beetle



oak wilt disease

# Wisconsin State Summary



## Wisconsin currently has in place:

- ✓ **Exterior pest-based quarantine(s)**
  - WI Dept. of Agriculture, Trade and Consumer Protection (WDATCP) quarantines on [Asian longhorned beetle](#); [mountain pine beetle](#); [Phytophthora ramorum](#), [hemlock woolly adelgid](#), and [thousand cankers disease](#) [TCD: all firewood (*being rescinded*)]
- ✓ **Interior pest-based quarantine(s)** limiting intrastate firewood movement
  - Federal pest-based quarantine on [spongy moth \(\*L. dispar\*\)](#)
- ✓ **State Agency official firewood recommendations**
  - WDATCP: [Firewood](#); WDNR: [Firewood Rules and Resources](#)
- ✓ **State Lands or Parks specific regulations or official statewide restrictions**
  - State land [regulation](#) prohibiting uncertified FW on DNR property from more than 10 miles away
- ✓ **Stand Lands or Parks recommendations**
  - Link found with high visibility on main [Camping](#) page (leads to [Firewood Rules and Resources](#)) and [Camping Rules](#)
- ✓ **Firewood recommendations on State Park campsites' reservation pages \*low visibility\***
  - Found with low visibility linked on campsites' [reservation policies](#) page but not individual campground reservation portals (e.g., Straight Lake SP)
- ✓ **Certification ability** (i.e., kiln certification to meet any applicable heat-treatment standards)
  - Can certify, [WI certification program](#) offers T314-a standard

## Not present in Wisconsin:

- ✗ Exterior quarantine on all firewood
- ✗ Extension recommendations
  - Not found in cooperative extension web materials
- ✗ Firewood recommendations on State Park campsites' reservation pages \*high visibility\*
  - Not found on individual campground reservation portals (e.g., Straight Lake SP)

## Firewood relevant forest pests found in Wisconsin:

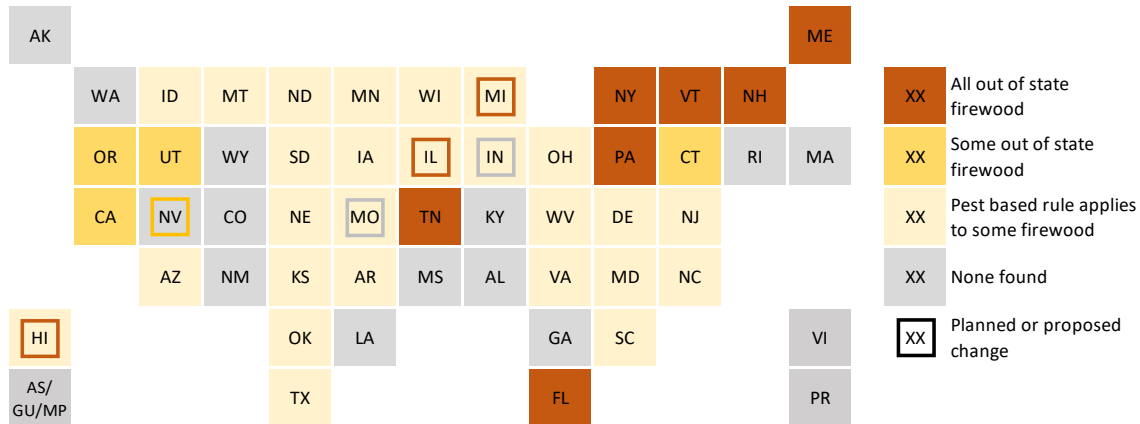


Emerald ash borer, spongy moth (*Lymantria dispar*)



oak wilt disease

# Wyoming State Summary



## Wyoming currently has in place:

- ✓ **State Agency official firewood recommendations**
  - WY State Forestry Division: [Protect Wyoming Forests](#)
- ✓ **Extension recommendations**
  - Found in pest pages or article(s) with relatively low visibility (e.g., "[Watch your ash because the emerald ash borer could sneak into Wyoming](#)")

## Not present in Wyoming:

- ✗ Exterior quarantine on all firewood
- ✗ Exterior pest-based quarantine(s)
- ✗ Interior pest-based quarantine(s) limiting intrastate firewood movement
- ✗ Extension recommendations on highly visible, centralized page
- ✗ State Lands or Parks specific regulations or official statewide restrictions
  - Not found (e.g., [Rules and Regulations](#))
- ✗ Stand Lands or Parks recommendations
  - Not found on relevant pages (e.g., [Camping-tents](#); [Camping – RVs](#))
- ✗ Firewood movement-related recommendations on State Park campsites’ reservation pages
  - Recommendations not found on campsites’ reservation pages (e.g., [Guernsey SP](#))
- ✗ Certification ability (i.e., kiln certification to meet any applicable heat-treatment standards)
  - does not certify, no need or plans to implement cert. program at this time

## Firewood relevant forest pests found in Wyoming:



Mountain pine beetle, spruce beetle