



WILDFIRE CODES & STANDARDS

STATE-BY-STATE REFERENCE GUIDE - MEMBERS ONLY

November 2019



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ABOUT WILDLAND FIRE

What is a wildland fire/wildfire?

As defined by the U.S. Forest Service, wildland fires are a force of nature that can be nearly as impossible to prevent, and difficult to control, as hurricanes, tornadoes and floods.

What are main causes of wildfire?

Humans (campfire, debris burning); arson; lightning; structure; power lines, etc., Factors that affect fire behavior include fuels (wood or vegetation), wind, temperature, relative humidity and interaction of any of these factors with each other at any particular case.

Why are we concerned with wildfires?

Every year, hundreds of wildfires burn on federal, state and private land in the U.S. Catastrophic wildfires significantly impact communities, economy and infrastructure.

Census figures for the first decade of 21st Century show more people in many parts of the U.S. are moving from suburban to rural areas near or within forests vulnerable to wildfires.

Which agencies are responsible for managing wildfires?

Fires occurring on federal and tribal lands are managed by the U.S. Forest Service <https://www.fs.fed.us/>, Bureau of Land Management <https://www.doi.gov/>, National Park Service <https://www.nps.gov/index.htm>, U.S. Fish & Wildlife Service <https://www.fws.gov/> and the Bureau of Indian Affairs <https://www.bia.gov/>.

Fires that occur on state and private lands - not inside city limits - are managed by each state's Division of Forestry (see links provided for each state).

What is a community risk?

A community risk is determined by vegetation type, available road and vehicle access, terrain, access to water source and response time for emergency personnel.

What are key areas in wildfire risk awareness and reduction?

- a. governmental organization, systems in place for wildfire management and approach by the responsible state agency
- b. education and regulations to increase resiliency to wildfires
- c. role of people and communities in wildfire-prone areas

What needs to be done to reduce wildfire risk?

Occurrence of wildfire in many parts of the U.S. is inevitable. Communities that understand this risk, adapt and learn to better live with and take steps to protect against wildfires can reduce their damage from wildfires in the future.

WILDLAND FIRE TERMINOLOGY

Wildland urban interface (WUI) – Communities where houses are built near vegetative fuels (e.g., forests, brush, grassland)

Wildfire Code/Standard – Any of the following: *International Wildland Urban Interface Code*; NFPA 1144; California Building Code Chapter 7A

Fuels mitigation/reduction – The action of reducing/eliminating vegetation in an area – mostly near buildings – before wildfires occur

Fire-retardant treated wood – Wood that is impregnated with chemicals rated for exterior use to reduce flammability

Dry hydrants – Permanently installed non-pressurized pipes in lakes, ponds or streams in remote areas to be able to access water for firefighting operations

Fire Tower – A tower used for observation and reporting of a wildfire

Wildfire-Resistant Construction - The way homes can be designed and built to withstand wildfires

Suppression – All the work of extinguishing or confining a wildfire

Mitigation – Action to reduce impact of wildfire by reducing the hazard (vulnerability)

Resilience – Being able to recover quickly after a disaster

Fire management – Use of prescribed fires to meet land management objectives

Interstate compact – Agreement between two or more states regarding certain contractual efforts

Initial attack – The actions by first responders to arrive at a wildfire to protect lives and property and prevent extension of fire

Defensible space – A zone around the building cleared of combustible and flammable materials (landscaping techniques)

Firewise USA® – Educational program that teaches people how to adapt to living with wildfire, including making their homes more resistant to wildfire

Community Wildfire Protection Plan (CWPP) – Steps a community can take to reduce its risk of damage from wildfires

WILDFIRE-RESISTANT BUILDING CONSTRUCTION

The materials used in construction of a home play a major role in its wildfire resilience. The following suggested recommendations increase the chance of survival during a wildfire event:



Roofs

The best choice for roof covering material is Class A fire-rated roof covering. Look for a label that indicates the roof covering is tested and listed as Class A fire-rated roof covering.



Windows, Skylights

To reduce exposure, it is recommended double pane with tempered glass, glass blocks (windows only), or any glazing material that is tested and labeled as fire resistance-rated for at least 20 minutes be used.



Eaves, Soffits

Eaves and soffits are to be enclosed completely with noncombustible materials.



Decks

Outdoor decks should be constructed with noncombustible materials or fire-retardant treated wood.



Gutters

Only noncombustible gutters that are equipped with covers are recommended.



Vegetation

No vegetation or combustible material in the immediate area (5 ft) around the home. Keep vegetation and combustible material away from the perimeter of the building and at distances recommended by your Community Wildfire Protection Plan (create defensible space).



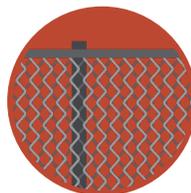
Vents

Vents in exterior walls should be a square no larger than 12 by 12 inches. All vents are to be covered with corrosion-resistant 1/8-inch mesh screens.



Exterior Wall Coverings/Siding

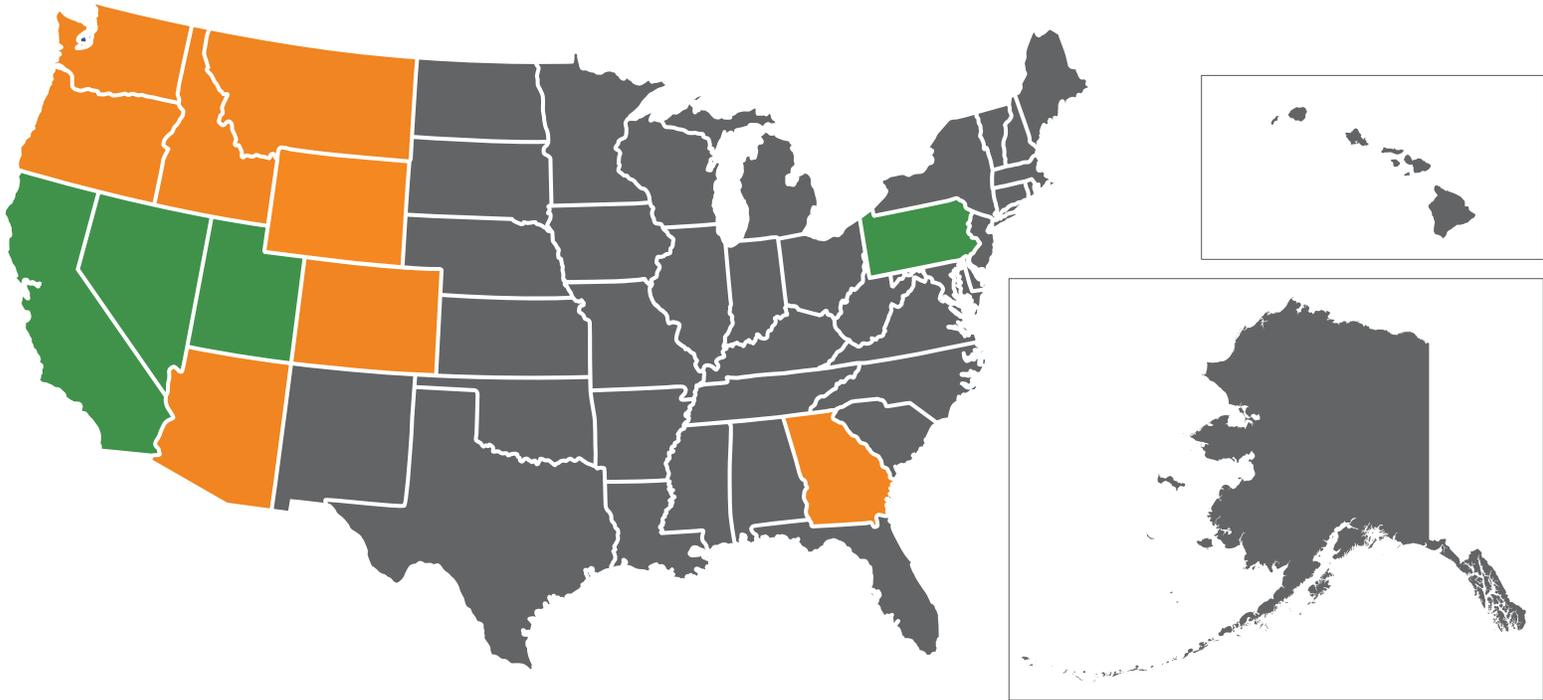
Exterior walls should be noncombustible materials such as concrete masonry blocks, stone, fire-retardant treated wood or any assembly that is laboratory-tested and labeled as 1-hour fire-resistance-rated.



Fences

Install only noncombustible fences and gates.

CODES AND PROGRAMS BY STATE



WUI CODE ADOPTED STATEWIDE

- California
- Nevada
- Pennsylvania
- Utah



GUIDELINES, PROGRAMS TO REDUCE WILDFIRE RISK

- Arizona
- Colorado
- Georgia
- Idaho
- Montana
- Oregon
- Washington
- Wyoming



NO MANDATORY PROGRAMS

- Alabama
- Alaska
- Arkansas
- Connecticut
- Delaware
- Florida
- Hawaii
- Illinois
- Indiana
- Iowa
- Kansas
- Kentucky
- Louisiana
- Maine
- Maryland
- Massachusetts
- Michigan
- Minnesota
- Mississippi
- Missouri
- Nebraska
- New Hampshire
- New Jersey
- New Mexico
- New York
- North Carolina
- North Dakota
- Ohio
- Oklahoma
- Rhode Island
- South Carolina
- South Dakota
- Tennessee
- Texas
- Vermont
- Virginia
- West Virginia
- Wisconsin

ALABAMA

State Agency

Alabama Forestry Commission (<http://www.forestry.alabama.gov/>)

Statewide Mandate or Voluntary Program

- The Commission engages in detection, control and promotes fire prevention and management programs. Works closely with local fire departments and provides information through public messaging.
- Provides training for local firefighters; administers state and federal funds allocated for wildland firefighting.

Codes (Yes or No)

No code requirements at state level.

Local Jurisdictions

One or more local jurisdiction have adopted WUI code.

Alternative Programs

The Forestry Commission encourages participation by locals in the Firewise USA program (<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

ALASKA

State Agency

Alaska Department of Natural Resources Division of Forestry (<http://forestry.alaska.gov/>)

Statewide Mandate or Voluntary Program

- Regulations governing forest fire protection is covered under 11AAC95 (Alaska Forest Resources & Practices Regulations).
- The Division provides fire protection services and related fire management on public, private and municipal lands throughout the state.
- The Division conducts fire suppression and training in wildfire control.

Codes (Yes or No)

No code requirements at state level.

Alternative Programs

Firewise Alaska provides a guide for homeowners. -

<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>

ARIZONA

State Agency

Arizona Department of Forestry and Fire Management (Department) (<https://dffm.az.gov/fire>)

Statewide Mandate or Voluntary Program

- Arizona Department of Forestry and Fire Management provides fire protection, fuel mitigation and suppression for state and private lands.
- Promotes fire prevention programs such as Firewise, etc.
- Provides grant funding to help communities pay for fuel mitigation in their area.

Codes (Yes or No)

No code at state level, however several counties in Arizona have adopted the model International Wildland-Urban Interface Code® (IWUIC).

Local Jurisdictions

- The Department evaluates all communities in the state at risk of fire and ranks the top two high-risk communities in each county: <https://dffm.az.gov/fire/prevention/arizona-at-risk>
- The interactive map provides the hazard for every location within the state: <https://arizonawildfirerisk.com/Map/Public>

Alternative Programs

The Department provides assistance to municipalities developing community wildfire prevention plans and programs such as Firewise.

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

Community Planning Assistance for Wildfire (CPAW)

(<http://cpawprod.wpengine.com/community-projects/>)

ARKANSAS

State Agency

Arkansas Department of Agriculture (<https://www.aad.arkansas.gov/rural-fire-program>)

Statewide Mandate or Voluntary Program

The Department assists local fire departments with firefighting vehicle and equipment loan program; cooperative agreements with local fire departments for joint operations; provides training in wildland firefighting.

Codes (Yes or No)

No code requirements at state level.

Alternative Programs

A group of counties in Arkansas participate in the Firewise USA Program.

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

CALIFORNIA

State Agency

State of California Department of Forestry & Fire Protection (CAL FIRE) (<https://fire.ca.gov>)

Statewide Mandate or Voluntary Program

Statewide mandate - California's statewide mandate are as follows:

1. Identify vulnerable areas identified as Very-High Fire Hazard Severity Zone (VHFHSZ).
2. Methods to protect exterior of buildings from wildfire exposure.
3. Establish minimum standards for construction materials and assemblies used on the exterior/shell of the building. The VHFHS Zones of the state are mapped and classified in two categories: a) Areas where protection and enforcement are provided by the state/CAL FIRE as State Responsibility Areas (SRAs); b) Areas under local agency responsibilities (LRA).
4. The same methodology applies for the defensible space standards. Public Resources Code (PRC) 4291 and California Code of Regulations Title 14 Section 1299 are the standards for defensible space in the SRA. Government Code 51182 is almost identical to PRC 4291, but applies to the VHFHSZs in the LRA.

Codes (Yes or No)

Yes, the state has a statewide code –

Chapter 7A of the California Building Code: Establishes requirements and minimum standards – newly constructed buildings or homes built after 2008 - for protection of life and property by increasing resistance of buildings located in geographical areas identified as a Fire Hazard Severity Zone (includes high and moderate fire hazard zones) to intrusion of flames or burning embers projected by wildfires.

Title 14, Section 1280 of the California Regulations covers maintenance and update of the fire hazard maps, which is the responsibility of CAL FIRE.

http://www.fire.ca.gov/fire_prevention/fire_prevention_wildland_zones

<https://codes.iccsafe.org/content/chapter/9997/>

Local Jurisdictions

The California constitution grants basic authority to local agencies to adopt ordinances. Laws give local agencies the power to regulate the fire areas and enforce fire protection building standards and defensible space requirements in Fire Hazard Severity Zones. Also, local agencies have the authority to regulate building design and construction requirements. In rebuilding existing structures located in wildfire areas, all applicable requirements of the code for new buildings may not always be enforced. For rebuilding after a wildfire WUI standards apply. Also, see Bulletin 16-001 by the office of California State Fire Marshal at [http://osfm.fire.ca.gov/informationbulletin/pdf/2016/IB_16-001_Rebuilding_After_A_Wildfire\(2\).pdf](http://osfm.fire.ca.gov/informationbulletin/pdf/2016/IB_16-001_Rebuilding_After_A_Wildfire(2).pdf).

The setback requirements (i.e., distance of structures to each other) for residential dwellings are reduced when buildings are equipped throughout with automatic fire sprinklers.

CALIFORNIA (CONTINUED)

56 of California's 58 counties use the fire hazard maps provided by CAL Fire, however, they can designate by ordinance the boundaries of the Very High Fire Hazard Severity Zones in their own jurisdictions. Two counties, Sutter and San Francisco do not have any SRA or VHFHSZs in the LRA. Note that SRA areas are set by CAL FIRE. Local agencies can designate local areas within their boundaries, but must be approved by CAL FIRE.

Alternative Programs

A number of California counties/communities participate in the Firewise program.

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

Fire Safe Councils (<https://cafiresafecouncil.org/>)

Community Planning Assistance for Wildfire (CPAW) (<https://cpawprod.wpengine.com/community-projects/>)

Ready, Set, Go! (<https://www.wildlandfiresg.org/Explore/Find-Programs>)

COLORADO

State Agency

The Colorado Division of Fire Prevention and Control manages statewide wildland fires and coordinates its operations with local, state and federal agencies. (<https://www.colorado.gov/pacific/dfpc>)

Statewide Mandate or Voluntary Program

Statewide program covering response and incident management as well as prescribed fire management. The core aspects of the program are as follows:

1. Funding support and coordination for suppression
2. Technical assistance and training for fire departments
3. Prescribed fire planning and implementation
 - There is an interstate compact between Colorado; Wyoming; S. Dakota and N. Dakota for participation in suppression activities

Codes (Yes or No)

No code requirements at state level, however several counties in Colorado have adopted either their own WUI code or parts of the model International Wildland-Urban Interface Code® (IWUIC).

Local Jurisdictions

The Colorado Department of Local Affairs developed a guide (see the link below), that provides standards and directions for land use planning and adoption of wildland codes by local jurisdictions. (<https://planningforhazards.com/wildland-urban-interface-code-wui-code>)

Alternative Programs

A number of Colorado counties/communities participate in the Firewise program.

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

CONNECTICUT

State Agency

Connecticut Department of Energy & Environmental Protection (CT DEEP) (https://www.ct.gov/deep/cwp/view.asp?a=2697&q=609020&deepNav_GID=1631)

Statewide Mandate or Voluntary Program

CT DEEP maintains the following programs: prevention; suppression; assist local fire departments in wildfire response and administering grants, prescribed burns.

Codes (Yes or No)

No code requirements at the state level.

Alternative Programs

None could be found. No listing under Firewise program.

DELAWARE

State Agency

Delaware Department of Agriculture – Forest Service (<https://agriculture.delaware.gov/forest-service/>)

Statewide Mandate or Voluntary Program

- The Delaware Forest Service wildfire program consists of prevention and suppression activities; loan fire suppression tools to fire departments and assist them in suppression efforts; training and education of firefighters and public.
- Has cooperative agreements with U.S. Forest Service to assist local fire departments; provides grants to local fire departments; conducts control burns.

Codes (Yes or No)

No Code requirements at the state level.

Alternative Programs

- The Smokey Bear wildfire prevention campaign is promoted by the Forest Service.
- No listing in the NFPA Firewise program.

FLORIDA

State Agency

Florida Department of Agriculture & Consumer Services (<https://www.freshfromflorida.com/Divisions-Offices/Florida-Forest-Service>)

Statewide Mandate or Voluntary Program

Fire management (fuel reduction; prescribed burning, etc.); prevention (mainly through community wildfire programs); Florida's Wildland Fire Risk Assessment System; Live Fuel Moisture Collections program; grants to local fire departments; participates in the Federal Excess Property program; Fire Management Information System Mapping Tool.

Codes (Yes or No)

No code requirements at state level.

Alternative Programs

Promotes community wildfire programs such as Firewise USA (many Florida communities participate in the Firewise USA program).

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

GEORGIA

State Agency

Georgia Forestry Commission (<http://www.gfc.state.ga.us/>)

Statewide Mandate or Voluntary Program

- Engaged in wildfire prevention (education); detection; suppression; rural fire department assistance; training for wildland firefighters
- Promotes community wildfire protection plan. Majority of the state's counties are participating in the program. (<http://www.gfc.state.ga.us/forest-fire/CWPP/index.cfm>)

Codes (Yes or No)

No code requirements at the state level.

Local Jurisdictions

Twelve jurisdictions in Georgia have adopted the model International Wildland-Urban Interface Code® (IWUIC).

Alternative Programs

- A large number of counties in Georgia participate in the Firewise USA program. (<http://www.gfc.state.ga.us/community-forests/wui/fire-and-the-firewise-program/FirewiseCommunitiesList.cfm>)
- Rural Fire Defense Lease Program – a) the Commission establishes an initial fire protection program for unprotected communities; b) reinforces existing fire departments with equipment and training.

HAWAII

State Agency

State of Hawaii Division of Forestry and Wildlife (<http://dlnr.hawaii.gov/dofaw/>)

Statewide Mandate or Voluntary Program

- The Division, under Chapter 185 of the Hawaii Revised Statutes, is responsible for managing wildfires in areas under its purview (26% of the land statewide). The Division also works with local fire departments in assisting them in their wildfire efforts, which covers nearly 60% of the land statewide.
- The Division is engaged in prevention, suppression and training. The suppression efforts in rural areas are conducted through district fire wardens. The Division has cooperative agreements with local fire departments for prevention and suppression.

Codes (Yes or No)

No code requirements at the state level.

Local Jurisdictions

- Manages Grant-in-Aid program to support wildfire prevention and fuels management.
- Manages US Forest Service WUI Grant Program for funding to local communities, agencies to implement WUI risk reduction projects.

Alternative Programs

Promotes Community Wildfire Protection Plans and Firewise USA (currently, 11 Firewise communities throughout the state).

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

Hawaii Wildfire Management Organization (<http://www.hawaiiwildfire.org/home>)

IDAHO

State Agency

Idaho Department of Lands (IDL) (<https://www.idl.idaho.gov/>)

Statewide Mandate or Voluntary Program

- IDAHO Code Section 38 covers requirements for fire suppression and hazardous fuels management.
- IDL protection is provided through prevention; fuel mitigation; suppression as well as code enforcement on logging activities.
- IDL conducts initial attacks on wild or state-protected grounds (endowments) and helps local county departments through mutual aid agreements.
- IDL imposes fees on properties based on forest bearing capacity.

Codes (Yes or No)

No WUI code at state level, however seven (7) counties in IDAHO have adopted the NFPA 1144 as their WUI Code.

Local Jurisdictions

IDL assists local communities cope with wildfire in wildfire-urban interface areas through mutual aid agreements.

Alternative Programs

- Planning for Wildfire: A Resource Guide for Idaho Communities (https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2845046)
- Firewise and Fire Adapted Communities programs are administered through local working groups and with support from IDL (via IDAHO Firewise Education).

ILLINOIS

State Agency

Illinois Department of Natural Resources Forestry Resources (<https://www.dnr.illinois.gov/conservation/Forestry/Pages/default.aspx>)

Statewide Mandate or Voluntary Program

Distribution of federal grant money to local fire departments; prescribed fire burns; forest management.

Codes (Yes or No)

No code requirements at state level.

Alternative Programs

Two communities in one county in Illinois are participating in the Firewise USA program.

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

INDIANA

State Agency

Indiana Department of Natural Resources (DNR) (<https://www.in.gov/dnr/forestry/9657.htm>)

Statewide Mandate or Voluntary Program

- Under the Indiana Code Section 14-23-5-1, DNR is responsible for detecting, preventing and controlling wildland fire on state forest lands and protection could extend to lands not owned by state, which are outside cities' control.
- In addition to operational and technical support, DNR also provides grants and training for forest firefighting to local fire departments.

Codes (Yes or No)

No code requirements at state level.

Alternative Programs

NFPA's Firewise USA state listing of participants does not identify any jurisdiction within the State of Indiana to be participating in the program.

IOWA

State Agency

Iowa Department of Natural Resources (DNR) (<https://www.iowadnr.gov/Conservation/Forestry/Fire-Management>)

Statewide Mandate or Voluntary Program

DNR provides support to state's fire departments mainly in fire protection and prevention and training. The prevention is mainly in the form of prescribed burning. Funding support and coordination for suppression.

Codes (Yes or No)

No Code requirement at state level.

Alternative Programs

DNR promotes Firewise Communities USA Program through Northeast Region Cohesive Wildland Fire Management Strategy.

KANSAS

State Agency

Kansas Forest Service (KFS) / Kansas State University (KSU) (https://www.kansasforests.org/kansas_forest_services/)

Statewide Mandate or Voluntary Program

- KFS serves rural landowners, communities, rural fire districts through multiple programs including: fire management; wildfire preparedness and planning; suppression and response, controlled burning, etc.,
- Promotes Community Wildfire Protection Plan
- Provides communities with wildfire hazard assessments and recommendations

Codes (Yes or No)

No code requirements at state level.

Local Jurisdictions

Communities that have a population less than 10,000 must sign a memorandum of agreement with KFS for support of the wildland suppression, fire prevention education and land management activities using prescribed fires. Communities over 10,000, can also participate - with agreements - to protect unincorporated lands beyond their boundaries.

Alternative Programs

KFS encourages communities to participate in programs such as Firewise and Ready, Set, Go!

Minimal participation in Firewise USA Program.

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

KENTUCKY

State Agency

Kentucky Energy and Environment Cabinet/Division of Forestry (<https://eec.ky.gov/Natural-Resources/Forestry/wildland-fire-management/Pages/default.aspx>)

Statewide Mandate or Voluntary Program

The Division is responsible for wildland fire management and suppression (in conjunction with local fire departments and other agencies); provides grants and training to rural fire departments; promotes Firewise USA and provides community grants and assistance in becoming a participating community.

Codes (Yes or No)

No code requirements at state level.

Alternative Programs

Kentucky Firewise Program encourages participation by locals (several communities in eight Kentucky counties currently participate in the program).

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

LOUISIANA

State Agency

Louisiana Department of Agriculture & Forestry (<http://www.ldaf.state.la.us/forestry/>)

Statewide Mandate or Voluntary Program

Primary responsibilities of the Forestry Division within the Department is as follows: detection and prevention of wildfires; suppression (provide equipment and personnel to locals for rural firefighting); enforcement of laws; education.

The 2010 LA Statewide Forest Resource Assessment and Strategy names programs such as Firewise and Ready-Set-Go, as an important tool in providing message to the public, however NFPA listings of Firewise participants does not show that any of the jurisdictions in the state involved the programs.

Codes (Yes or No)

No code requirements at state level.

Alternative Programs

NFPA's Firewise USA directory does not identify any jurisdictions within the State of Louisiana to be participating in the program.

MAINE

State Agency

Maine Department of Agriculture, Conservation and Forestry – Maine Forest Service (MFS) (<https://www.maine.gov/dacf/mfs/about/index.shtml>)

Statewide Mandate or Voluntary Program

MFS engages in the following activities: prevention; suppression; train and equip local fire departments in rural areas.

Northeastern Interagency Coordination Center (<https://www.nffpc.org/en/necc/about>) covers all New England states (CT; ME; MA; NH; NY, RH; VT), and several Canadian partners as well as US government organizational partners.

Codes (Yes or No)

No code requirements at state level.

Alternative Programs

Firewise USA program is promoted by MFS. Many communities in Maine participate in the Firewise program.

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

MARYLAND

State Agency

Maryland Department of Natural Resources (<http://dnr.maryland.gov/forests/Pages/wfm.aspx>)

Statewide Mandate or Voluntary Program

- Fire management; prescribed burns; education; dry hydrants installed in water sources located in remote areas; wildland urban interface home risk assessment.
- Provides financial and technical assistance to rural fire departments and their communities.

Codes (Yes or No)

No code requirements at state level.

Alternative Programs

Firewise Maryland program is promoted by the Department (a handful of communities in several counties in Maryland participate in the Firewise program).

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

MASSACHUSETTS

State Agency

Massachusetts Department of Conservation & Recreation - The Bureau of Forest Fire Control (<https://www.mass.gov/forest-fire-control-programs>)

Statewide Mandate or Voluntary Program

The Bureau engages with local fire departments and federal agencies in detection, prevention and suppression throughout the state; conducts prescribed fires; creates fire breaks; fire towers for detection; county-based fire patrol of forested areas during high fire danger seasons and/or use of aircraft for detection; provides towns with firefighting materials and training; grants to low population towns.

Codes (Yes or No)

No code requirements at state level.

Alternative Programs

- Smokey Bear program
- A couple of communities within two Massachusetts counties participate in the Firewise USA program.

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

MICHIGAN

State Agency

Michigan Department of Natural Resources (DNR) (<http://www.mcgi.state.mi.us/wildfire/>)

Statewide Mandate or Voluntary Program

- Natural Resources & Environmental Protection Act, 1994 PA 451, Part 515, puts DNR in charge of statewide wildfire management.
- DNR is engaged in the following: prevention; suppression; detection (use of aircraft); provides training and firefighting equipment to local fire departments; prescribed fires.

Codes (Yes or No)

No code requirements at state level.

Alternative Programs

One community in a Michigan county is participating in the Firewise program.

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

MINNESOTA

State Agency

Minnesota Department of Natural Resources/Division of Forestry (<https://www.dnr.state.mn.us/forestry/index.html>)

The Department is a member of the Great Lakes Forest Fire Compact that along with partners provides members with mutual aid in prevention and other fire management programs through information, technology and resource sharing activities (members of the compact are: Minnesota; Michigan, Wisconsin, Provinces of Ontario and Manitoba, Canada).

Statewide Mandate or Voluntary Program

Wildfire management; suppression; prevention; planning and analysis; education; law enforcement.

Codes (Yes or No)

No code requirements at state level.

Alternative Programs

Firewise in Minnesota: <https://www.dnr.state.mn.us/firewise/index.html>

<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>

Community Planning Assistance for Wildfire (CPAW)

<http://cpawprod.wpengine.com/community-projects/>

MISSISSIPPI

State Agency

Mississippi Forestry Commission (<https://www.mfc.ms.gov/wildfire-control>)

Statewide Mandate or Voluntary Program

- Under the state law (Mississippi Code 49-19-25), the Commission is responsible with: wildfire detection; suppression; providing training and assistance to rural fire departments.
- Promotes community wildfire programs (Firewise Mississippi).

Codes (Yes or No)

No code requirements at state level.

Alternative Programs

Firewise in Mississippi Program encourages participation by locals (thirteen counties currently participate in the program). (<https://www.mfc.ms.gov/forest-protection/firewise>)

Several communities in Mississippi participate in the Firewise program.

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

MISSOURI

State Agency

Missouri Department of Conservation-Fire Management (<https://mdc.mo.gov/>)

Statewide Mandate or Voluntary Program

Supports statewide suppression activities; provides funding and grants for rural fire departments; prescribed fires.

Codes (Yes or No)

No code requirements at state level.

Local Jurisdictions

Several jurisdictions in Missouri have adopted the model *International Wildland-Urban Interface Code*® (IWUIC).

Alternative Programs

Seven counties in the state participate in Firewise USA Program.

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

MONTANA

State Agency

Montana Department of Natural Resources & Conservation (DNRC) (<http://dnrc.mt.gov/divisions/forestry>)

Statewide Mandate or Voluntary Program

The Forestry Division within the Department is responsible for managing and implementing wildfire programs throughout the state. Their programs are as follows:

1. Fire protection – Suppression; Preparedness; Incident management training; prevention
2. Forestry assistance – Forestry practices; timber and logging
3. Business management – Financial & administrative
4. Policy, planning & outreach – Community preparedness; community safety through regulations (best practices for planners and regulators)
5. The Montana DNCR has a comprehensive Statewide Operating Plan in cooperation with multiple federal agencies regarding wildland fire management activities throughout the state

Codes (Yes or No)

Yes, State Written Guidelines - Under the State Code Section 76-13-104(8), Montana DNCR adopted guidelines for developments within the wildland-urban interface areas:

<http://dnrc.mt.gov/divisions/forestry/docs/fire-and-aviation/prevention/guidelinesfinal.pdf>

Local Jurisdictions

- Montana DNCR has cooperative fire control agreements with counties within the state to satisfy the requirements of Code Section 76-13-104(8) as well as other state rules
- Wildland Urban Interface boundaries are created by individual counties through their Community Wildfire Protection Plans

Alternative Programs

The Montana DNCR promotes programs such as Firewise (<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>); Fire Safe Montana (<https://firesafemt.org/>); Fire Adapted Communities (<https://fireadapted.org/>); Ready Set, Go!; Community Planning Assistance for Wildfire (CPAW) (<http://cpawprod.wpengine.com/community-projects/>)

NEBRASKA

State Agency

Nebraska Forest Service (NFS)/Affiliate of University of Nebraska-Lincoln (<https://nfs.unl.edu/>)

Statewide Mandate or Voluntary Program

- Nebraska Statute 81-826 - Wildfire Control Act of 2013; 81-827 – Emergency Management Agency Duties; 81-828 -Nebraska Forest Service duties.
- Objectives: conserve working forest landscape; protect forest from harm; enhance public benefits from trees and forests.
- NFS does not provide wildland fire suppression services, however it is engaged in pre-suppression activities.
- Committed to: reducing hazardous fuels; community wildfire protection plans; grants, fire equipment and training support provided to local fire departments to increase capacity of rural fire departments to prevent and suppress wildland fires.

Codes (Yes or No)

No code requirements at state level.

Local Jurisdictions

Several jurisdictions in Nebraska have adopted the model *International Wildland-Urban Interface Code*® (IWUIC).

Alternative Programs

- Nebraska Forest Service assists communities in planning Community Wildfire Protection Plans.
- Homeowners and communities in at-risk areas are educated about and engaged in Firewise practices (NFS provides on-site technical assistance to landowners, homeowners and communities).
- Participates in Firewise USA Program.

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

NEVADA

State Agency

Nevada Division of Forestry (NDF) (<http://forestry.nv.gov/>)

Nevada State Fire Marshal (<http://fire.nv.gov/>)

Statewide Mandate or Voluntary Program

1. Wildfire preparedness; evacuation planning; local fire district capabilities; collaboration; local and state agencies involvement as well as federal consultation
2. Fuel reduction
3. Treatment of structures/ignitibility – State law (NRS 477.030) provides the State Fire Marshal in cooperation with Sate Firewarden powers related to adoption of standards for fire retardant roofing materials and mitigating the risk of fire from vegetation in counties within or partially within the Lake Tahoe Basin and the Lake Mead Basin.

Codes (Yes or No)

Yes - The state under NAC 477.283, has adopted the 2012 edition of the International Wildland-Urban Interface Code (IWUIC) and designated it for adoption by local jurisdictions.

- Among amendments to the 2012 IWUIC, Chapter 5 of this code, which covers fire-resistant construction has been deleted. The state is currently in the process of adoption of the 2018 edition of the IWUIC and according to the State Fire Marshal they are considering keeping most of Chapter 5 to enhance better fire protection engineering and reduce property loss.
- Also, under amended Section B101.1, the code states: "Where required, vegetation management plans must be submitted to the Code Official and State Forester Firewarden for review and approval as part of the plans required for permit."

Local Jurisdictions

- Under NRS 477.30, where the population is 100,000, the state has the power to regulate, however the local jurisdiction can adopt more stringent requirements than the state.
- Twelve local jurisdictions have adopted the 2018 IWUIC (the exact number could not be verified).
- NDF through interlocal agreement works with the State Fire Marshal's office regarding investigation and enforcement matters throughout the state.

Alternative Programs

A number of Nevada counties/communities participate in the Firewise USA program and other fire prevention education programs at community level.

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

NEW HAMPSHIRE

State Agency

New Hampshire Division of Forests and Lands (<https://www.nh.gov/nhdf/>)

Statewide Mandate or Voluntary Program

- The state of NH Forest Fire Control Statute RSA 227-L describes the legal framework & requirements of the Division.
- Programs include: prevention; detection (fire towers, patrols including air patrol); suppression; Community Fire Wardens; training, grants, and assistance to local departments; prescribed burns.

Codes (Yes or No)

No code requirements at state level.

Alternative Programs

One community in a New Hampshire County is participating in the Firewise program.

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

NEW JERSEY

State Agency

New Jersey Department of Environmental Protection – NJ Forest Fire Service (<https://www.state.nj.us/dep/parksandforests/fire/>)

Statewide Mandate or Voluntary Program

NJ Forest Service provides the following services: prevention; suppression; education and training; detection (fire towers); loan firefighting equipment to rural fire departments.

Codes (Yes or No)

No code requirements at the state level

Alternative Programs

- The NJ Forest Service promotes Firewise Communities USA. Several communities in NJ counties participate in the Firewise program. (<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)
- The Smokey Bear wildfire prevention campaign is also promoted by the NJ Forest Service.

NEW MEXICO

State Agency

New Mexico State Forestry Division (<http://www.emnrd.state.nm.us/SFD>)

Statewide Mandate or Voluntary Program

New Mexico State Forestry Division is in charge of managing wildland fires throughout the state. The division develops individual wildland fire prevention and preparedness plans and promotes other voluntary programs such as Firewise, etc. The Division is also responsible for forest management and wildfire suppression.

Codes (Yes or No)

No Code requirements at state level, however several counties in New Mexico have adopted the model International Wildland-Urban Interface Code® (IWUIC).

Local Jurisdictions

The New Mexico State Forestry Division through district liaisons works with local communities to develop individual fire prevention and preparedness plans as well as other programs such as:

- Firewise (<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)
- Ready, Set, Go! (<http://www.wildlandfirersg.org/>)
- Smokey Bear (<https://smokeybear.com/en>)
- Living with Fire (http://www.emnrd.state.nm.us/SFD/FireMgt/documents/LivingwithFire_2018_NMStateForestry_FINAL.pdf)
- Fire Adapted Communities (<https://facnm.org/>)
- Community Planning Assistance for Wildfire (CPAW) (<https://cpawprod.wpengine.com/community-projects/>)

Alternative Programs

A number of New Mexico counties/communities participate in programs such as: Firewise; Ready, Set, Go; Smokey Bear; Living with Fire and Fire Adapted Communities.

NEW YORK

State Agency

New York Department of Environmental Conservation – Division of Forest Protection (Forest Ranger Division) (<https://www.dec.ny.gov/lands/4975.html>)

Statewide Mandate or Voluntary Program

- The Forest Ranger Division has a statutory requirement to provide forest fire protection for 657 of the 932 townships throughout NY.
- The Division provides: wildfire mitigation; prescribed burns.

Codes (Yes or No)

No code requirements at the state level.

Alternative Programs

Firewise USA and Ready, Set, GO programs are promoted by the Division of Forestry - One jurisdiction in one county in New York is participating in the Firewise program.

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

NORTH CAROLINA

State Agency

North Carolina Forest Service (<https://www.ncforestservation.gov/index.htm>)

Statewide Mandate or Voluntary Program

- The Forest Service is mandated and directed by Chapters 77, 106 and 143 of the N. Carolina General Statutes and Title 2, Chapter 60 of the N.C. Administrative Code to protect, manage and develop the state forests. These duties include: Fire prevention, suppression; disease control.
- The Forest Service also provides urban forestry assistance, training and support to local fire departments. Each county signs an agreement with the Forest Service and shares the costs. The county ranger is responsible for carrying out all Forest Service programs within each county.
- Provides federal funding to local fire departments.

Codes (Yes or No)

No code requirements at state level.

Local Jurisdictions

- Useful tool – The Southern Group of State Foresters Wildfire Risk Assessment Portal provides wildfire risk for any location within N. Carolina and other Southern States based on the property address: <https://southernwildfirerisk.com/map/Public>

Alternative Programs

- N. Carolina Forest Service Wildlife Mitigation Program
- Firewise USA (a group of communities within the state are participating in this program) (<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

NORTH DAKOTA

State Agency

North Dakota Forest Service/North Dakota State University (<https://www.ag.ndsu.edu/hdfs>)

Statewide Mandate or Voluntary Program

The N. Dakota Forest Service programs support fire departments across the state. The program provides rural fire departments with cost-share funds for organizing, training, planning and purchasing firefighting equipment; fuels reduction by prescribed burning; maintains a list of communities at risk.

Codes (Yes or No)

No code requirements at state level.

Alternative Programs

Promotes Firewise Communities USA/Firewise ND throughout the state.

OHIO

State Agency

Ohio Department of Natural Resources/ Division of Forestry (<http://forestry.ohiodnr.gov/iafc>)

Statewide Mandate or Voluntary Program

- The Division under Ohio Revised Code 1503.18 is charged with statewide wildfire programs.
- Main components of the program are: prevention; suppression; training of firefighters in wildland firefighting and working with the 300 rural fire departments; loan of firefighting vehicles to locals through federal excess personal property program; grants to fire departments; prescribed burns.

Codes (Yes or No)

No code requirements at state level.

Alternative Programs

- The Division of Forestry promotes Firewise Ohio program.
- Several communities in four Ohio counties participate in Firewise Ohio program. (<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

OKLAHOMA

State Agency

Oklahoma Forestry Services (Department of Agriculture) (<http://www.forestry.ok.gov/default.aspx>)

Statewide Mandate or Voluntary Program

The Forestry Service conducts the following: wildland fire suppression; prevention; assistance to local fire departments; provides training and funds to rural fire departments; prescribed fires; community wildfire protection plans.

Codes (Yes or No)

No Code requirements at the state level.

Local Jurisdictions

One or more local jurisdiction has adopted the *International Wildland-Urban Interface Code* (IWUIC)

Alternative Programs

- Many counties/communities participate in voluntary community wildfire programs and fire prevention education programs provided by the OK Forestry Service.
- 12 communities within Oklahoma counties participate in the Firewise program. (<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

OREGON

State Agency

Oregon Department of Forestry (<https://www.oregon.gov/ODF/Fire/pages/FirePrevention.aspx>)

Oregon Office of the State Fire Marshal (<https://www.oregon.gov/osp/programs/sfm/pages/default.aspx>)

Statewide Mandate or Voluntary Program

- Their program mainly revolves around encouraging public to understand, accept and support sustainable forestry and coordination of policies among Oregon's natural resource agencies
- Vision: "Public and private landowners willingly invest in creating healthy forests"
- State rules emphasize local actions and efforts by property owners (State Law 477.017)

Codes (Yes or No)

Yes, Amendment to the 2017 Oregon Residential Code Section R327 (Wildfire Hazard Mitigation). The Oregon Department of Forestry promotes Community Wildfire Plans. These programs are aimed at wildfire prevention and resources such as Fire Adapted Communities; IBHS Wildfire Resources, Firewise, etc.

Local Jurisdictions

- Cooperative agreement between the State forester and local authorities and/or homeowner's associations to allow homeowners association rules supersede those of state's.
- Local Committees shall designate areas deemed to be in wildland fire zones.
- Land owners are responsible for complying with rules.

Alternative Programs

Firewise USA participation by many communities in Oregon. (<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

Community Planning Assistance for Wildfire (CPAW) (<https://cpawprod.wpengine.com/community-projects/>)

PENNSYLVANIA

State Agency

Pennsylvania Department of Conservation & Natural Resources (DCNR) (<https://www.dcnr.pa.gov/Communities/Wildfire/Pages/default.aspx>)

Statewide Mandate or Voluntary Program

- DCNR's Bureau of Forestry provides the following services: mitigation; prevention; preparedness; suppression and investigation.
- The Bureau works closely with forest fire wardens and local fire departments to assist in fire prevention and suppression.
- The Bureau's wildland fire crews are trained and qualified to assist other states, when needed.
- There are 38 fire towers throughout Pennsylvania with some actively staffed during periods of elevated wildfire danger.

Codes (Yes or No)

Yes, the state has a uniform statewide code - Pennsylvania has adopted the 2015 edition of the International Wildland-Urban Interface Code®. (<https://www.dli.pa.gov/ucc/Pages/UCC-Codes.aspx>)

Local Jurisdictions

Fifteen jurisdictions in Pennsylvania enforce the state WUI code.

Alternative Programs

- Firewise Pennsylvania program is promoted by the Bureau (a handful of communities in several counties in Pennsylvania participate in the Firewise program). (<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)
- The Smokey Bear wildfire prevention campaign is also promoted by the Bureau.

RHODE ISLAND

State Agency

Rhode Island Division of Forest Environment (DFE), Wildland Fire Control

(<http://www.dem.ri.gov/programs/forestry/fire-program/index.php>)

Statewide Mandate or Voluntary Program

- Regulations for Forest Fires and Prevention are under Rhode Island General Laws Chapter 2-12.5.
- DFE forest program is to aid local fire departments and public with wildland fires; provide grants to fire departments; provide information about protecting homes and property from wildland fires; training for fire departments; loans fire equipment to local fire departments; maintains dry hydrants throughout the state.

Codes (Yes or No)

No code requirements at state level.

Alternative Programs

Firewise USA and Community Wildfire Protection Plan are promoted by The Rhode Island DFE, however the NFPA Firewise Directory does not show any community in Rhode Island participating in the program.

SOUTH CAROLINA

State Agency

S. Carolina Forestry Commission

(<http://www.state.sc.us/forest/refwild.htm>)

(<http://www.state.sc.us/forest/ref.htm>)

Statewide Mandate or Voluntary Program

Mandated by law for fire protection of the unincorporated areas (i.e., outside towns/city limits); prevention (education, law enforcement and hazard reduction); prescribed burning; suppression; assist local fire departments; promote community wildfire programs.

Codes (Yes or No)

No code requirements at the state level.

Alternative Programs

Many communities in S. Carolina participate in the Firewise USA program.

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

SOUTH DAKOTA

State Agency

South Dakota Department of Agriculture (<http://sdda.sd.gov/Forestry/>)

Division of Forestry (<http://wildlandfire.sd.gov/>)

Statewide Mandate or Voluntary Program

The Division programs are as follows: suppression; prevention; training; fire management; fuels mitigation; volunteer fire assistance; prescribed fires

Codes (Yes or No)

No code requirements at state level.

Local Jurisdictions

Several jurisdictions in South Dakota have adopted the model *International Wildland-Urban Interface Code*® (IWUIC).

Alternative Programs

- Under the Hazardous Fuels Mitigation Cost-Share Program, the Division of Forestry provides 50% of the cost for removal of vegetation and trees around homes to create or enhance survivable space.
- The Division of Forestry promotes Firewise USA Program (seven counties in the state participate in Firewise USA Program). (<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)
- Community Planning Assistance for Wildfire (CPAW) (<https://cpawprod.wpengine.com/community-projects/>)

TENNESSEE

State Agency

Tennessee Department of Agriculture

(<https://www.tn.gov/agriculture/forests/protection/wildfire.html>)

Statewide Mandate or Voluntary Program

- The Division of Forestry engages in the following activities: prevention; wildfire suppression; training of firefighters and law enforcement.
- Promotes community wildfire programs listed under item 5.

Codes (Yes or No)

No code requirements at state level.

Alternative Programs

Firewise USA (a large number of communities in Tennessee participate in this program) (<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>); Smokey Bear (<https://smokeybear.com/en;http://burnsafetn.org/>); Community Planning Assistance for Wildfire (CPAW) (<https://cpawprod.wpengine.com/community-projects/>).

TEXAS

State Agency

The task of wildfire management throughout the state has been delegated to Texas A&M University.

Texas A&M Forest Service (TFS) (<https://tfsweb.tamu.edu/>)

Texas Interagency Coordination Center (TICC) (<http://ticc.tamu.edu/Home/AboutUs.htm>)

Statewide Mandate or Voluntary Program

- Predictive services (forecasts)
- Mitigation (prevent risk)
- Planning & preparedness
- Local capacity building (grants to local fire departments)
- Suppression (assistance to local fire departments)
- Education, investigation and enforcement of state laws

TICC is a cooperative effort of the Texas A&M and several US government agencies (US Forest Service), which provides incident management, coordination and support for emergency situations and prescribed fires.

Codes (Yes or No)

No code requirements at state level.

Local Jurisdictions

- Several jurisdictions in Texas have adopted the model *International Wildland-Urban Interface Code*® (IWUIC)
- City of Austin WUI Code (the City Council is considering adoption of the ICC WUI Code)

Alternative Programs

Community Wildfire Protection Plan; Firewise USA (many counties in Texas participate in this program) (<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>); Ready, Set, Go; Smokey Bear; Community Planning Assistance for Wildfire (CPAW) (<https://cpawprod.wpengine.com/community-projects/>)

UTAH

State Agency

Department of Natural Resources

Utah Division of Forestry, Fire & State Lands

<https://naturalresources.utah.gov/forestry-fire-and-state-lands>

<https://utahfireinfo.gov/>

Wildland code adopted under the Utah Uniform Building Code Commission

Statewide Mandate or Voluntary Program

Utah Division of Forestry, Fire & State Lands is the office in charge managing wildland fires. The Division has programs for suppressing wildfires as well as wildfire risk reduction programs including hazardous fuel reduction and community preparedness planning.

Codes (Yes or No)

Yes, the state has a designated code titled “2006 Utah *Wildland-Urban Interface Code*”, which is based on the 2006 edition of the ICC’s model Wildland-Urban Interface Code for adoption by local government agencies within the state (https://le.utah.gov/xcode/Title15A/C15A_1800010118000101.pdf).

Local Jurisdictions

- All 29 counties in Utah have opted-in to the Cooperative Wildfire System and enforce its requirements for new developments (<https://ffsl.utah.gov/index.php/fire/utah-cooperative-wildfire-system>).
- Several local jurisdictions (e.g., Park City and Sandy City) have adopted the 2006 Utah *Wildland-Urban Interface Code* with local amendments.

Alternative Programs

A large number of communities in Utah participate in the Firewise program.

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

VERMONT

State Agency

Vermont Department of Forests, Parks and Recreation (<https://fpr.vermont.gov/forest/wildland-fire>)

Statewide Mandate or Voluntary Program

- Act No. 71 – Section 11.10 V.S.A. Chapter 83; Subchapter 4-Forest Fires and Fire Prevention
- Provides wildfire control assistance to town Forest Fire Wardens (Forest Wardens are in charge of fire suppression in their town); provides technical assistance and specialized firefighting equipment to towns; provides firefighting equipment to local fire departments at 50 percent of the total cost; dry hydrants.

Codes (Yes or No)

No code requirements at state level.

Alternative Programs

- Smokey Bear
- Firewise programs, however NFPA Firewise Directory does not list any participating community in the state

VIRGINIA

State Agency

Virginia Department of Forestry (<http://www.dof.virginia.gov/>)

Statewide Mandate or Voluntary Program

- The Department is charged (under the Code of Virginia Title 10.1-1105 and 1136) with protection of the forest resources from fire (prevent injury or loss of life and minimize property damage). Coordinates activities with local fire departments, state and federal agencies.
- Main components of the program are: suppression; prevention, prescribed fire; law enforcement; urban interface initiatives and readiness and response for other than fire emergencies (e.g. storms, flooding, ice damage, etc.,).
- Installs dry hydrants in remote areas for firefighting operations in remote areas.

Codes (Yes or No)

- No code requirements at the state level.
- The 2006 edition of the International Wildland Urban Interface Code® has been posted on the Department web site under Information Resources.

Alternative Programs

Firewise Virginia program is promoted by the Department (many communities in Virginia participate in the Firewise Virginia program).

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

WASHINGTON

State Agency

Washington State Department of Natural Resources (DNR) (<https://www.dnr.wa.gov/>)

DNR Statewide Wildfire Information Contacts (https://www.dnr.wa.gov/publications/rp_fire_statewide_contacts.pdf?lkh9zc)

Statewide Mandate or Voluntary Program

- Suppression; preparedness through resilient landscapes and wildfire management policies on prescribed fires and establishment of fire-adapted community coordinator at the Department; Prevention through community engagement methods
- The DNR has a Wildland Fire Liaison who helps local communities best use of their firefighting assets as well as advise state and federal firefighting leaders of concerns of residents in fire-affected communities
- The state has a large contingent of on call firefighters
- Fire prevention and fuel management mapping system provides data and guidance for community wildfire protection efforts

Codes (Yes or No)

No code adopted at state level, however eighteen jurisdictions in Washington State have adopted the model *International Wildland-Urban Interface Code*® (IWUIC).

Local Jurisdictions

- Community wildfire Protection Planning is highly emphasized.
- DNR works to reduce the threat of catastrophic wildfires in high-risk communities through a coordinated effort of fuel reduction projects (forest management).

Alternative Programs

- Combination of state-coordinated resiliency efforts and community wildfire protection programs.
- Firewise (<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)
- Community Planning Assistance for Wildfire (CPAW) (<https://cpawprod.wpengine.com/community-projects/>)

WEST VIRGINIA

State Agency

West Virginia Division of Forestry (<https://wvforestry.com/>)

Statewide Mandate or Voluntary Program

- W. Virginia Reform Law of 1909 was established to protect the state forests from wildfires.
- The division conducts suppression activities along with local fire departments; conducts law enforcement and promotes Firewise WV Program.

Codes (Yes or No)

No code requirement at the state level.

Alternative Programs

Several communities in two counties within the state participate in the Firewise WV program.

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

WISCONSIN

State Agency

Wisconsin Department of Natural Resources – Forestry & Fire Management (<https://dnr.wi.gov/>)

Statewide Mandate or Voluntary Program

- The Department maintains operational coordination of wildfires as well as safety programs and prevention; training local fire departments in suppression activities.
- Provides some guidance on building construction products/assemblies with fire or ignition-resistant materials (<https://dnr.wi.gov/topic/forestFire/preparing.html>).
- Promotes community wildfire protection plans (Firewise USA; Ready, Set, Go).

Codes (Yes or No)

No code requirements at state level.

Alternative Programs

Several Counties in Wisconsin participate in Firewise USA program.

(<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>)

WYOMING

State Agency

Wyoming State Forestry Division; Cheyenne, Wyoming (<https://wsfd.wyo.gov/>)

Statewide Mandate or Voluntary Program

The Wyoming State Forestry Division is mandated by statute to handle matters related to state forests. The Division achieves this through the following programs:

1. State Trust Land Management – Manage state forest lands and revenue sale of forest products.
2. Fire Management – Fuel reduction programs.
3. Assistance Forestry – Provides technical assistance to communities regarding tree care, shrubs and ground covers, soil, wildlife and water bodies in urban forests.
4. There is an interstate compact between Wyoming; S. Dakota; N. Dakota and Colorado for participation in suppression activities.

Codes (Yes or No)

No Code requirements at state level, however several counties/communities in Wyoming have adopted the model *International Wildland-Urban Interface Code*® (IWUIC).

Local Jurisdictions

- There are state-designated Fire Wardens, who are responsible for management and coordination of fire suppression, fire prevention in all areas except in incorporated cities, towns or fire districts.
- Counties in Wyoming also have fuel mitigation coordinators.

Alternative Programs

Voluntary programs such as: Firewise (<https://www.nfpa.org/Public-Education/By-topic/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants>), Fire Adapted Communities; Living with Fire in Wyoming, etc., are promoted by the State Division of Forestry.



WILDFIRE CODES & STANDARDS

**IBHS STATE-BY-STATE
REFERENCE GUIDE -
MEMBERS ONLY**