

Virginia Fire Prevention and Control Plan



Fiscal Years 2024 to 2028

Effective XXXXXXXXXXXXXXXX

Prepared by:
Virginia Fire Services Board
Virginia Department of Fire Programs

A message from the Fire Prevention and Control Committee

The following pages represent the newly revised five-year Fire Prevention and Control Plan (FY) 2024 to 2028 for the Commonwealth of Virginia. This plan identifies strategic goals and objectives to reduce fires, casualties, property loss, and improve first responder safety by changing how people think about fire and making fire prevention a way of life in the Commonwealth.

From the United States Fire Administration: In 1971, our nation lost over 12,000 civilians and 250 firefighters to fire. To help decrease tragic losses and to promote professional development of the fire and emergency response community, Congress passed the Federal Fire Prevention and Control Act of 1974. Since 1974, there has been a reduction of more than 70 percent in civilian fire fatalities and more than 60 percent in firefighter fatalities annually from fire.

Fire continues to be a problem in the Commonwealth of Virginia and as such there is a need to have a robust Fire Prevention and Control Plan. The Virginia Fire Services Board, in coordination with the Virginia fire and emergency services community, will strive for continuous improvements and seek positive results to safeguard the Commonwealth and its citizens from fire.

Virginia Fire Services Board

The Virginia Fire Services Board (the Board) is established as a policy board within the meaning of § 2.2-2100 in the executive branch of state government pursuant to § 9.1-202 of the Code of Virginia. Furthermore, the Board is given the authority to ensure the development and implementation of the Virginia Fire Prevention and Control Plan.

About the Fire Prevention and Control Committee

The Committee on Fire Prevention and Control shall be responsible for providing information and making recommendations to the Virginia Fire Services Board and Agency to ensure the development and implementation of the Virginia Fire Prevention and Control plan; advising the Agency on the development a statewide plan for the collection, analysis and reporting of data related to fires in the Commonwealth; and evaluating all fire prevention and protection programs, and make any recommendations deemed necessary to improve the level of fire prevention and protection in the Commonwealth.

Virginia Fire Service Partners

The following agencies and organizations have vested interest in the Fire Prevention and Control Plan.

Virginia State Agencies -

- Department of Fire Programs
- State Fire Marshal's Office
- Fire Marshal Academy
- Department of Forestry
- Virginia Department of Emergency Management
- Department of Housing and Community Development
- Virginia State Police

Fire Associations and Organizations -

- Virginia Fire Prevention Association
- Virginia Fire Chiefs Association
- Virginia Chapter International Association of Arson Investigators
- Virginia Fire and Life Safety Coalition
- Virginia State Firefighters Association
- Virginia Professional Firefighters Association

Current state of fire problem in the Commonwealth of Virginia

Over the last four years on average civilian fire fatality numbers have remained steady. Cooking and improperly discarded smoking materials are the top two causes of residential fires. The average median age of persons that are listed as fire fatalities is 60 years old.

Number of Civilian Fire Fatalities Over a Four-Year Period			
2019	2020	2021	2022
67	48	64	68

Nationally for the last 10 years on average, 81 percent of fire deaths occurred at residential structure fires. While the number of residential fire deaths has reduced substantially since the original “America Burning” report (1974), most of these losses could be reduced through requiring automatic sprinklers systems in residential occupancies.

Absent, non-functional, or outdated smoke alarms are a real issue throughout Virginia. 3 out of 5 fire fatalities occurred in a residence without a functioning smoke alarm. Combining smoke alarms deficiencies with no fire sprinkler system, the ability to prevent fire casualties is seemingly insurmountable.

One significant issue facing the fire service is recruitment and retention, in both the career and volunteer ranks. This challenge increases the risks for communities struggling to provide day-to-day emergency responses and as such directly impacts any capability and capacity to provide Community Risk Reduction activities.

Tall wood frame building construction is becoming increasingly popular because of material availability and costs. An uncontrolled fire in these types of buildings is a tactical challenge for firefighters and can quickly become deadly for occupants. Fire service participation in code development and education is paramount.

Plan Goals and Objectives

Goal 1 – Fire Incident Reporting. Virginia does not mandate fire incident documentation and reporting. This is a major impairment to research and analyze fire casualty and property loss. The outcomes from such research and analysis can yield focused Community Risk Reduction initiatives locally, regionally, and statewide, as well as contribute to improving fire department service delivery and firefighter health and safety. The method of incident documentation is not consistent across the Commonwealth. There are both handwritten and electronic documentation methods being used.

Objectives:

1. Begin discussions about mandatory electronic incident documentation and reporting with the fire service community. Determine what are the challenges or impediments to the process.
2. Begin discussion about creating legislation mandating incident reporting with fire service stakeholder's associations and groups.
3. Identify funding for technology grants – hardware (continuance) software (new).
4. Develop a statewide reporting policy and training program that identifies the minimum procedural requirements.
5. Begin discussion about creating legislation mandating all fire casualties be reported to the State Fire Marshal.
6. VDFP would compile an annual presentation to the Fire Services Board and make such a report available to the public.

Goal 2 – Practical and Useful, Statewide Fire Prevention Code. In recent Virginia code development cycles, the Statewide Fire Prevention Code (SFPC) has undergone significant changes. The primary focus of change was removing unenforceable provisions. The scope of these changes has left the fire inspector with a fragmented document.

Objectives:

1. The Codes and Standards Subcommittee will actively participate in the Virginia code development process. The work of this committee will directly influence the Fire Services Board's vote in the promulgation of the SFPC with the Board of Housing and Community Development.
2. The subcommittee will review future editions of the model codes to be knowledgeable of new or changed provisions.
3. The Code and Standards Subcommittee will actively pursue code change proposals that identify critical fire and life safety provisions, listed in the model fire code, and justify their re-establishment into the SFPC.

4. Actively participate in and support fire and building code development of safety provisions for Agrotourism activities.
5. Actively work with the Board of Housing and Community Development on the promulgation of the Statewide Fire Prevention Code. Routinely update the Memorandum of Agreement (MOA) to ensure the process is fair and equitable.

Goal 3 – Automatic Fire Suppression Systems in Single-Family Residences. In the Virginia code development process, the Board of Housing and Community Development chooses to exclude model code language that requires fire sprinklers in residential occupancies. It is a demonstrated fact that home fire sprinklers are a crucial, life-saving technology, since the risk of dying in a reported home fire is 85 percent lower if sprinklers are present.

Objectives:

1. Actively pursue conversations with all stakeholders about the inclusion of model code provisions for sprinkler systems in the Uniform Statewide Building Code for all townhomes.
2. If necessary, actively pursue legislation that mandates sprinkler systems in all townhomes.
3. Conduct research and prepare an informational document that identifies other states success data, current water supply requirements, developer and builder incentives, and average costs.

Goal 5 – Statewide Community Risk Reduction Messaging. Fire causes and casualty's trends are the basis for themes of public fire and life safety messaging in localities. There is currently no identified method to create and deploy messaging to be utilized statewide. Because of the transient nature of our citizens and visitors there is a need to provide unified messaging across the state.

Objectives:

1. Virginia Department of Fire Programs (VDFFP) Community Risk Reduction (CRR) Coordinator will work with associations, localities, and other governmental agencies to identify fire and life safety trends.
2. VDFFP CRR Coordinator will work with associations, localities, and other governmental agencies to create uniform messaging for use across the state.

Goal 6 – Lithium-Ion Battery Safety

Goal 7 – Public Safety Communication Deficiencies