



Virginia Fire Service Needs Assessment:

*An annual profile of critical needs
as identified by Virginia's Fire Service*

Volume IV - January 2008

Preface

Background

At the request of the Virginia General Assembly (VGA), Secretary of Public Safety John W. Marshall directed the Virginia Department of Fire Programs (VD FP) to conduct a comprehensive needs assessment of Virginia's fire service in 2003 in order to provide members of the VGA with adequate information to make informed decisions with regard to fire service funding issues.

The first needs assessment supplement, which began four fiscal cycles ago, laid the ground work to assist in the legislative decision-making process. The second volume, which covers another portion of the original material, is the result of a follow-up survey conducted in the fall of 2005. Volume III was published last year in January 2007 and was produced from survey results gathered from fire departments in 2006.

This survey will focus on the efforts of Virginia's Fire Service to identify specific needs in the areas of apparatus, equipment, facilities, personnel and training and will also analyze the ability of fire departments to adequately perform the duties of the Emergency First Responder.

Survey Team

The 2007 Fire Service Needs Assessment Survey team consisted of the following VD FP staff: **Marion A. Long, Information and Statistics Manager**, and **Dwight E. Crews, Fire Research Analyst**.

Acknowledgements

The survey team gratefully acknowledges the contributions of the following Management with the Virginia Department of Fire Programs (VD FP) for assistance with survey development and report assistance during the 2008 fiscal period.

- W. G. Shelton, Jr., Executive Director
- Teresa Duncan, Branch Chief - Administration and Support
- Larry McAndrews, Branch Chief - Training and Operations
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- Brook Pittinger, Policy, Planning and Legislative Affairs Manager
- Mark Buff, Marketing and Communications Manager
- David Jolly, Curriculum/QA Chief
- Christine Lopilato, Grants Manager

The following VDFP Division Chiefs greatly helped to encourage completion of the needs assessment survey with fire departments and publicized the importance of the needs assessment in their areas.

- Tom Berry, Division Chief - Division 1 Office - Richmond
- Bert Roby, Division Chief - Division 2 Office - Orange
- Don Brown, Division Chief - Division 3 Office - Farmville
- Dennis Price, Division Chief - Division 4 Office - Marion
- Samuel Burnette, Division Chief - Division 5 Office - Hampton
- Donald E. Hansen, Division Chief - Division 6 Office - Roanoke
- Melvin Byrne, Division Chief - Division 7 Office - Loudoun

We also want to thank all the members of the Virginia Fire Services Board for their continued support, as well as, all County Administrators, and City and Town Managers in Virginia for their promotion of the survey.

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Executive Summary

The information presented in this report is the product of an extensive, continuing effort to provide a current and comprehensive assessment of the challenges facing Virginia's fire and emergency services.

The report is a continued effort that began at the request of the Virginia General Assembly in 2003 and has continued over the past four fiscal cycles. It provides an overview of Virginia's fire service by providing current needs assessment survey data annually along with updated information on reported incidents, training, and funding.

Top Needs

To complete the assessment, fire departments were asked to rank their top needs from #1 to #5 with #1 being the most important need and #5 being the least important need. Overall, personnel was selected as the #1 top need with Virginia's fire service. (See Table 1.) These rankings were similar when comparing the five regions[†] of Virginia with the exception of apparatus being the top need in the Mountain Region.

Table 1. Top Fire Service Needs By Virginia Region [†]

Region	#1	#2	#3	#4	#5
Central	Personnel	Training	Equipment	Apparatus	Facilities
Coastal	Personnel	Equipment	Training	Apparatus	Facilities
Mountain	Apparatus	Training	Equipment	Personnel	Facilities
Northern	Personnel	Training	Facilities	Equipment	Apparatus
Valley	Personnel	Training	Equipment	Apparatus	Facilities
Virginia	Personnel	Training	Equipment	Apparatus	Facilities

Estimated Costs

Reporting departments also provided their estimated costs for calendar year 2008 for five specific "need" categories. The results were compiled and the total estimated operating costs for 2008 with Virginia's fire service is **\$496 million**. (See Table 2.)

Table 2. Total Estimated Costs with Reporting Departments By Virginia Region *

VA Region	Apparatus	Equipment	Facilities	Personnel	Training	Total
Central	\$45,199,948	\$10,887,460	\$52,649,974	\$37,899,987	\$4,562,484	\$151,199,851
Coastal	\$28,037,479	\$9,199,984	\$43,687,485	\$37,762,493	\$9,674,990	\$128,362,430
Mountain	\$19,262,466	\$5,462,468	\$15,287,481	\$2,624,990	\$2,062,492	\$44,699,896
Northern	\$26,149,988	\$5,937,488	\$43,512,493	\$38,274,993	\$4,274,991	\$118,149,951
Valley	\$10,399,984	\$2,849,988	\$15,787,488	\$22,912,493	\$1,649,992	\$53,599,944
Total	\$129,049,863	\$34,337,387	\$170,924,920	\$139,474,954	\$22,224,947	\$496,012,071

Note: Numbers for estimated costs may not add to totals due to rounding.

Apparatus

Fire apparatus are becoming increasingly complex and expensive to purchase, maintain, repair, and replace. Fire departments reported owning an average of two (2) ambulances / other patient transports, one (1) command vehicle, four (4) engines / pumpers, one (1) tanker, and one (1) wildland brush truck. Within 10 years, 34 percent of the departments responded that they expect the need to replace their ambulances, 46 percent expect the need to replace command vehicles, 87 percent expect the need to replace engines / pumpers, 58 percent expect to replace tankers, and 63 percent expect to replace wildland brush trucks.

Even though apparatus was not ranked as the top overall need in the state, the Mountain Region of Virginia ranked apparatus as their #1 top need, suggesting that there is a greater need for apparatus in the western part of the state. The total reported estimated costs for 2008 with apparatus is **\$129 million**. Forty-two percent (42%) of departments showed that they need an engine / pumper. Twenty-four percent (24%) of respondents each expressed the need for a wildland brush truck and a command vehicle.

Equipment

Fire departments implement many different specialized types of equipment when responding to an incident call. Departments responded that they currently own an average of 34 personal alert safety systems (PASS), 74 pieces of personal protective equipment (PPE), 52 radios, and 41 self-contained breathing apparatus (SCBA). Within 5 years, 61 percent expect the need to replace their personal alert safety systems (PASS), 78 percent expect the need to replace personal protective equipment (PPE), 72 percent expect the need to replace radios, and 66 percent expect to replace their self-contained breathing apparatus (SCBA).

The total reported estimated costs for 2008 with equipment is **\$34 million**. Fifty-three percent (53%) of departments requested a need for thermal imaging cameras. Radios were selected as a need with 49 percent of departments and personal protective equipment (PPE) were listed with 46 percent of survey respondents.

Facilities

Twenty-four percent (24%) of responding departments reported that all of their fire stations are over 40 years of age. Thirty-five percent (35%) of fire stations have no backup power in the event of an emergency situation. Half of departments replied that they have a need for improvements or remodeling of their existing stations. The total reported estimated costs for 2008 with facilities is **\$171 million**.

Personnel

Personnel was the overall #1 picked top need with fire departments. Maintaining enough staff to respond to calls is an important part of managing a fire department. Sixty-five percent (65%) of departments do not have a personnel recruitment program and 68 percent have no retention program for their staff. Sixty-nine percent (69%) of fire service personnel are volunteer firefighters and 29 percent are paid career firefighters. Fire departments have on average 18 firefighters on duty and available to respond to a call.

The total reported estimated costs for 2008 with personnel is **\$139 million**. Three-fourths of departments requested a need for volunteer firefighters and one-fourth showed a need for paid career firefighters.

Training

Training was selected as the overall #2 top need with fire departments. Having adequately trained personnel greatly affects how well a department can respond to different types of incidents. Nearly all (98%) of departments perform structural firefighting, 88 percent can handle wildland firefighting, 84 percent can respond to technical rescue vehicle accidents, 78 percent perform hazardous materials response, and 64 percent can handle emergency medical services (EMS) calls. Nineteen percent (19%) of fire departments have all personnel certified in HAZMAT Awareness. Seventeen percent (17%) have all personnel certified in emergency vehicle operations, and 14 percent of respondents have all staff certified in firefighter level I.

The total reported estimated costs for 2008 with training is **\$22 million**. Eighty-three percent (83%) of departments requested a need for fire fighter training. Fire apparatus driver/operator training was listed as a need with 69 percent of departments and 68 percent showed a need for emergency vehicle operations training.

Communications

Ninety-seven percent (97%) of fire departments responded that they can communicate by radio with local agencies at an incident scene, while 38 percent could communicate with state agencies and 7 percent could communicate with federal agencies. The largest number of departments (55%) are operating on a frequency spectrum of high band (147 – 174 MHz). Fifty-seven percent (57%) of departments reported that all apparatus have portable radios assigned. Twenty-eight percent (28%) of fire departments have radios that are water-resistant, while 27 percent have radios that are intrinsically safe in an explosive atmosphere.

Virginia Fire Department Needs Assessment Quick Facts

- 1) The response rate for the Needs Assessment Survey was 89%. (Page 12)
- 2) 74% of fire departments reported that the primary type of area protected is rural. (Page 19)
- 3) 69% of firefighters are volunteer firefighters. (Page 23)
- 4) 74% of fire departments have no program to maintain basic firefighter fitness and health as required by the NFPA 1500 standard. (Page 25)
- 5) 34% of fire departments have stations with no backup power. (Page 29)
- 6) 28% of fire departments funding comes from fundraising. (Page 34)
- 7) 24% of fire departments expect to replace an engine/pumper within the next year. (Page 36)
- 8) 39% of fire departments have no radios that are safe in an explosive atmosphere. (Page 40)
- 9) More personnel is the top reported need by fire departments; more training is the second highest need. (Page 50)
- 10) For equipment, thermal imaging cameras (53%) are most needed by fire departments; radios (49%) are ranked second. (Page 53)
- 11) 75% of all fire departments responded that they need more volunteer firefighters. (Page 56)
- 12) 58% of fire departments responses were emergency medical services incidents. (Page 88)
- 13) Virginia's reported fire dollar loss for 2006 was more than \$550 Million. (Page 97)
- 14) 72% of training schools coordinated by the Virginia Department of Fire Programs for fire services are non-funded schools. (Page 104)
- 15) \$11.3 Million in Aid to Localities (ATL) Funds were distributed to eligible counties in FY 2008 for fire equipment, clothing, and training. (Page 124); cities received \$6.2 Million (Page 125), and towns received \$2.0 Million. (Page 126)

[†] The source for the different Virginia Regions was the Regional Community Map found at the Virginia State Government website, <http://www.virginia.gov/cmsportal2/>.

The Central Region includes the Counties of Albemarle, Amelia, Amherst, Appomattox, Bedford, Brunswick, Buckingham, Campbell, Charlotte, Chesterfield, Cumberland, Dinwiddie, Fluvanna, Greene, Greenville, Halifax, Hanover, Henrico, Henry, Louisa, Lunenburg, Madison, Mecklenburg, Nelson, Nottoway, Orange, Pittsylvania, Powhatan, Prince Edward, Prince George, Southampton, and Sussex; and the Cities of Bedford, Charlottesville, Colonial Heights, Danville, Emporia, Franklin, Hopewell, Lynchburg, Martinsville, Petersburg, and Richmond.

The Coastal Region includes the Counties of Accomack, Charles City, Essex, Gloucester, Isle of Wight, James City, King and Queen, King George, King William, Lancaster, Mathews, Middlesex, New Kent, Northampton, Northumberland, Richmond, Surry, Westmoreland and York; and the Cities of Chesapeake, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach, and Williamsburg.

The Mountain Region includes the Counties of Bland, Buchanan, Carroll, Dickenson, Floyd, Franklin, Giles, Grayson, Lee, Montgomery, Patrick, Pulaski, Russell, Scott, Smyth, Tazewell, Washington, Wise and Wythe; and the Cities of Bristol, Galax, Norton, and Radford.

The Northern Region includes the Counties of Arlington, Caroline, Culpeper, Fairfax, Fauquier, Loudoun, Prince William, Rappahannock, Spotsylvania and Stafford; and the Cities of Alexandria, Fairfax, Falls Church, Fredericksburg, Manassas, and Manassas Park.

The Valley Region includes the Counties of Alleghany, Augusta, Bath, Botetourt, Clarke, Craig, Frederick, Highland, Page, Roanoke, Rockbridge, Rockingham, Shenandoah, and Warren; and the Cities of Buena Vista, Covington, Harrisonburg, Lexington, Roanoke, Salem, Staunton, Waynesboro, and Winchester.



* Data denoted with an asterisk in this section was compiled from adjusted survey data to account for possible duplicate responses received from localities that reported for all career and volunteer personnel and for volunteer departments that also responded in their locality.

Chapter 1 - Introduction

Survey Methodology

Sample

All municipal fire departments in Virginia that are eligible to receive Aid-to-Localities (ATL) Funding were selected for the survey and were invited to participate in the 2007 Fire Service Needs Assessment Survey. The sample population was based on the different needs of fire service at the career local government level and at the volunteer fire department level. The goal was to ensure that all types of fire departments were represented. Industrial Fire Brigades, Airport Fire Departments, and Military Fire Departments were not included since they do not receive any state funding for their fire service.

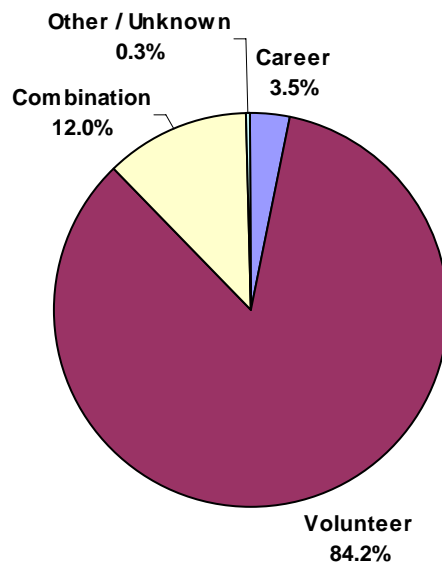
A total of 634 fire departments made up the survey sample of eligible participants. A majority of the fire departments (84.2%) were classified as Volunteer Departments, 12 percent were Combination Departments, and 3.5 percent were Career Departments. (See Table 3 and Figure 1.) Primary fire departments are the main fire departments that provide fire service response in an area and may include additional fire stations. Fire administration units are local government level fire service organizations that are normally made up of career fire service employees only.

Table 3. Fire Service Needs Assessment Sample Population, 2007

Fire Department Type	Career	Volunteer	Combination	Other / Unknown	Grand Total
Primary Fire Department	17	518	66	0	601
Fire Administration Unit	5	16	10	2	33
Grand Total	22	534	76	2	634

Prior to the startup of data collection for the survey, letters were mailed to each fire department asking them to either verify or update their contact information. A contact information update form was included in the mailout for departments to complete and either mail or fax back to VDFP. Information such as Addresses, Phone/Fax Numbers, Email Addresses, and Current Fire Chief's Name were updated to verify that the most up-to-date contact information was being used for the Needs Assessment Survey. All information was updated in the Fire Service Training Records System (FSTRS) and the fire department's information was exported from the database for use with the survey sample collection.

Figure 1. Fire Service Needs Assessment Sample By Fire Department Status, 2007



Survey Design

The survey questions were designed to accurately measure the overall needs of Virginia's Fire Service. The questions were also drafted clearly and accurately, therefore, providing easy-to-understand questions for respondents. Every effort was made to ensure the collection of reliable survey data as well as to provide a survey questionnaire that is simple to complete and less time intensive.

The questionnaire was adapted from the instrument used by the United States Fire Administration (USFA) and the National Fire Protection Agency (NFPA) in *A Needs Assessment of the U.S. Fire Service*, a national study of fire service needs.

The 2007 Needs Assessment Survey contained the following sections that contained questions that captured detailed information from fire departments.

Section I - Identifying Contact Information

Section II - General Department Information

Section III - Department Personnel

Section IV - Facilities & Apparatus

Section V - Operating Budget Information

Section VI - Communications

Section VII - Fire Department Roles / Training

Section VIII - Fire Prevention & Code Enforcement

Section IX - Unusually Challenging Incidents

Section X - Your Fire Department's Top Needs

Final Comments

The actual survey questions used with the 2007 Needs Assessment can be found in Appendix III.

Data Collection

The survey was collected on-line using the survey collection website, <http://www.keysurvey.com/>. Fire departments could access the survey from a link on the main page of the VDFP website, www.vafire.com, or from links placed directly in email correspondence.

Each fire department was issued a unique survey password that allowed them to logon to the survey. The password contained four random letters and four random numbers and provided added security to the collection of our survey. Fire departments were only allowed to complete the survey once. If they attempted to logon again, the survey website would display a message stating that the department has already completed the survey. The password additionally allowed survey respondents to save and close their survey and return later to finish completing their response.

Upon logging onto the survey website, fire departments information such as FDID, Fire Department Name, Addresses, Phone Number, and Chief's Name were automatically pre-filled based on current information stored in the Fire Service Training Records System (FSTRS). Respondents were able to make corrections to the contact information as needed.

Survey Procedures/Mailouts

The collection of responses from fire departments with the needs assessment started on September 24, 2007. Fire departments with known email addresses (253) were sent an email message inviting them to participate in the survey. All fire departments (634) were mailed a letter similarly inviting them to participate. The emails contained a link to the survey website

and the fire department's unique survey password. The letters contained the survey password and referred them to a link on the main page of the VDFP agency website. Fire departments were given a deadline of October 19, 2007 to submit their completed responses.

On October 3, 2007, a letter was sent to all localities in Virginia (Counties, Cities, and Towns) promoting the importance of the needs assessment. The letter asked localities to encourage participation with their local fire departments.

Reminder emails and postcards were sent out on October 12, 2007, one week before the survey deadline, to non-respondent fire departments reminding them about the approaching deadline.

The total response rate after the survey deadline on October 19, 2007 was 48%. The survey collection deadline was extended until November 26, 2007 so that fire departments could still complete survey responses and be included in the final report. On October 26, 2007, an email message was sent to the remaining non-respondent fire departments (76) stating that VDFP had not received their response and that the survey collection had been extended. Non-respondents (321) were also mailed a letter with a similar message on October 26, 2007.

A second mailout to county and city administrators was mailed on November 8, 2007 and included a custom attached survey participation report for their area. On November 19, 2007, a blank copy of the survey was mailed to the remaining non-respondent fire departments (184) providing another format to submit information for departments that may not have internet access.

<u>Survey Tasks</u>	<u>Date</u>
1st Letter Mailed/Email Sent	09/24/2007
Survey Collection Deadline	10/19/2007
2nd Letter Mailed/Email Sent	10/26/2007
Survey Collection Deadline	11/26/2007
Final Collection Closeout	12/03/2007

Final Survey Response

The final survey response after the collection closeout on December 3, 2007 was 80 percent. Adjusting for combined responses from local government that reported for the entire locality, the final adjusted survey response was 89 percent. Detailed survey participation reports are located in Appendix IV and Appendix V.

Collaborative Effort

Survey response for the 2007 Needs Assessment Survey was supported by the efforts of local government in Virginia. Local government promoted participation which helped greatly

with the final data. Managers and Instructors with the Virginia Department of Fire Programs also promoted the completion of the survey with fire departments in Virginia. Survey participation with fire departments was documented and posted on our agency website to help monitor and track survey progress.

Other Data Sources

Virginia Fire Incident Reporting System (VFIRS) Data - Data from the Virginia Fire Incident Reporting System (VFIRS) was used to provide detailed information about the incident calls from Virginia's fire service.

Budget Data - Data from the Virginia Aid-to-Localities (ATL) Program was used to show the level of funding provided by the Commonwealth via the Fire Programs Fund (a special revenue fund) to Virginia's localities to support their municipal fire departments. Information about the Assistance to Firefighter's Grant (AFG) Program was used to identify additional funding sources to fire departments.

Training Data - Data from the Fire Service Training Records System (FSTRS) was used to provide information on training courses supported by VDFP.

Limitations

Like most research of this nature, this Needs Assessment had several limitations.

Survey Response Rate

The final response rate for the Needs Assessment Survey was 89 percent. As with all such surveys, caution must be exercised when generalizing the results of this survey to individual fire departments. Because information was entered by fire chiefs or department personnel, the possibility of human error must be considered in interpreting all results.

Organizational Structure of Virginia's Fire Service

Duplication of data among responding fire administration units and their local volunteer fire departments were identified during survey collection. This duplication may misrepresent the final statistical data. To clarify the results, fire administration units that responded to the survey were contacted and the mode of their survey reporting was documented. Fire administration units either reported for the entire county for both career and volunteer personnel or for career personnel only. In order to produce more reliable statistics, fire departments that are located in the same locality as an administration unit that reported for the entire area were omitted from

some of the data calculations. If there was any potential for duplicate data, then the statistics were adjusted and changes noted on any tables and charts. Every effort was made to ensure that data was presented accurately in this report.

Please see the following table on how local governments with fire administration personnel reported.

Table 4. Fire Administration Units By Reporting Type

FDID	Fire Department	Reporting Type
00100	Accomack Co. Dept of Public Safety	Both Career/Volunteer
00300	Albemarle Co. Fire Admin.	Both Career/Volunteer
00900	Amherst County Department of Public Safety	Career Only
01500	Augusta Co. Fire & Rescue Training Center	Both Career/Volunteer
01900	Bedford County Department of Fire & Rescue	Both Career/Volunteer
02300	Botetourt County Emergency Services	Career Only
03199	Campbell Co. Dept. of Public Safety	Career Only
03300	Caroline Co. Fire & Rescue	Career Only
05300	Dinwiddie Co. Public Safety	Both Career/Volunteer
06100	Fauquier Co. Ofc. of Emerg. Svcs.	Both Career/Volunteer
06500	Fluvanna Co. VFD Administration	Both Career/Volunteer
06700	Franklin Co. Emergency Services	Both Career/Volunteer
06900	Frederick Co. Fire & Rescue Dept.	Both Career/Volunteer
08500	Hanover Co. Fire Admin.	Both Career/Volunteer
08900	Henry Co. Dept. of Public Safety	Career Only
09399	Isle of Wight County, DES	Both Career/Volunteer
10700	Loudoun Co. Fire/Resc. EMS	Both Career/Volunteer
10900	Louisa Co. Office of Emer. Serv.	Career Only
12700	New Kent Fire - Rescue	Career Only
13700	Orange Co. Fire and EMS	Career Only
13900	Page County Fire & EMS	Career Only
14100	Patrick County Department of Emergency Management	Both Career/Volunteer
14500	Powhatan Co. Fire Admin.	Both Career/Volunteer
14900	Prince George Co. Fire Dept.	Both Career/Volunteer
15500	Pulaski Co. Emergency Serv.	Career Only
16100	Roanoke County Fire & Rescue	Both Career/Volunteer
16500	Rockingham Co. Dept. of Fire & Rescue	Both Career/Volunteer
17100	Shenandoah Co. Dept. of Fire & Rescue	Both Career/Volunteer
17700	Spotsylvania Co. Fire Admin.	Both Career/Volunteer
17900	Stafford Co. Dept. of Fire / Rescue & Emerg. Serv.	Both Career/Volunteer
18700	Warren Co. Fire & Rescue Services	Both Career/Volunteer
80000	Suffolk Fire & Rescue Dept.	Career Only

VFIRS Response Rate

Participation in the Virginia Fire Incident Reporting System (VFIRS) is not mandatory, which somewhat limits the generalizability of this data.

Local Use

This report was designed so that individuals and organizations could look up information for specific localities and areas in Virginia. Data was shown using five different regions (Central, Coastal, Northern, Mountain, Valley) in Virginia. Please refer to the reference found in Appendix I for more information on the designated regions.

Average

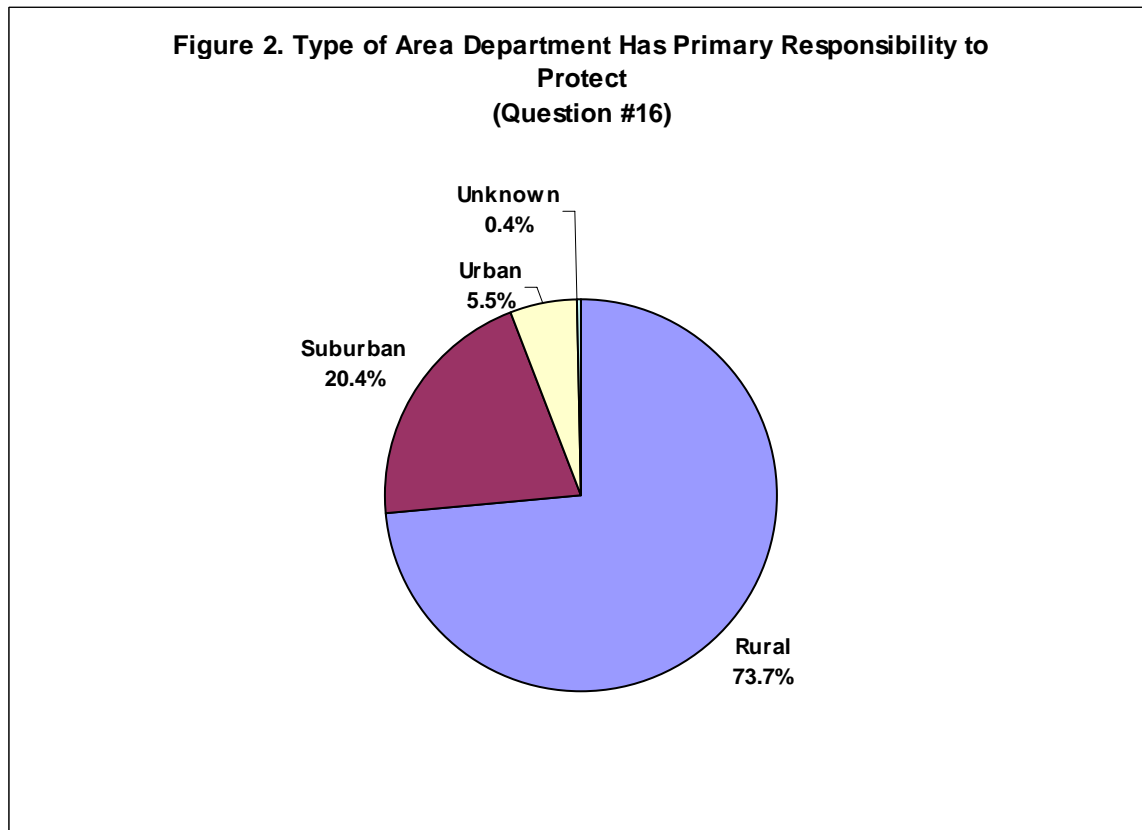
When calculating the average in this document, the arithmetic mean was used.

Chapter 2 - Survey Results

Survey Section II - General Department Information

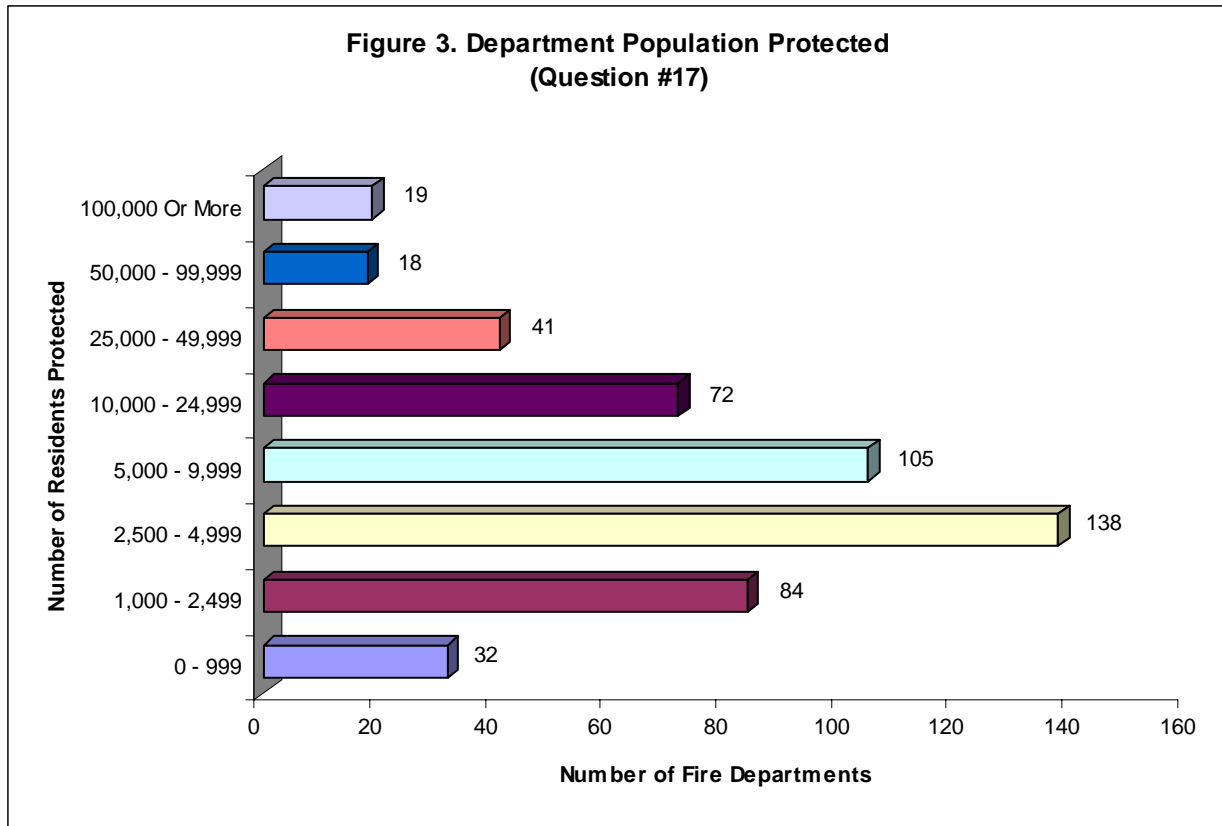
Type of Area Protected

Fire departments in Virginia reported that they are primarily responsible for protecting rural type areas (73.7%) in the Commonwealth. The remaining fire departments protected areas that are located in more populated areas and are classified as suburban (20.4%) and urban (5.5%). (See Figure 2.)



Department Population Protected

Similarly, the number of fire departments responsible for protecting permanent residents in Virginia are located in lower populated areas. The largest number (138) of fire departments protect between 2,500 and 4,999 residents. Seventy-one percent of fire departments protect between 0 - 9,999 residents, the normal population range representative of small towns and county areas. (See Figure 3.)



Department Coverage Area

Fire departments vary greatly on the number of square miles that they are expected to protect in Virginia. The majority of departments (59%) cover areas between 0 and 74 square miles. (See Figure 4.) When departments are protecting up to 25,000 residents, the coverage area varies with departments. When fire departments are protecting more than 25,000 residents, their coverage area increases. (See Figure 5.)

**Figure 4. Department Coverage Area
(Question #18)**

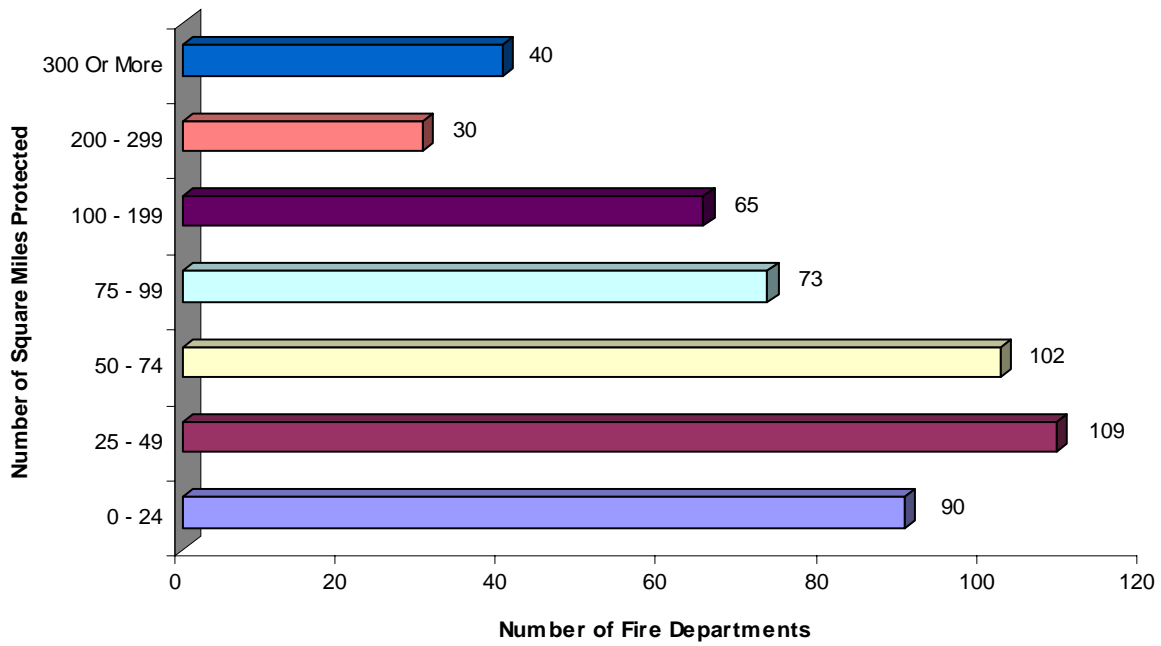
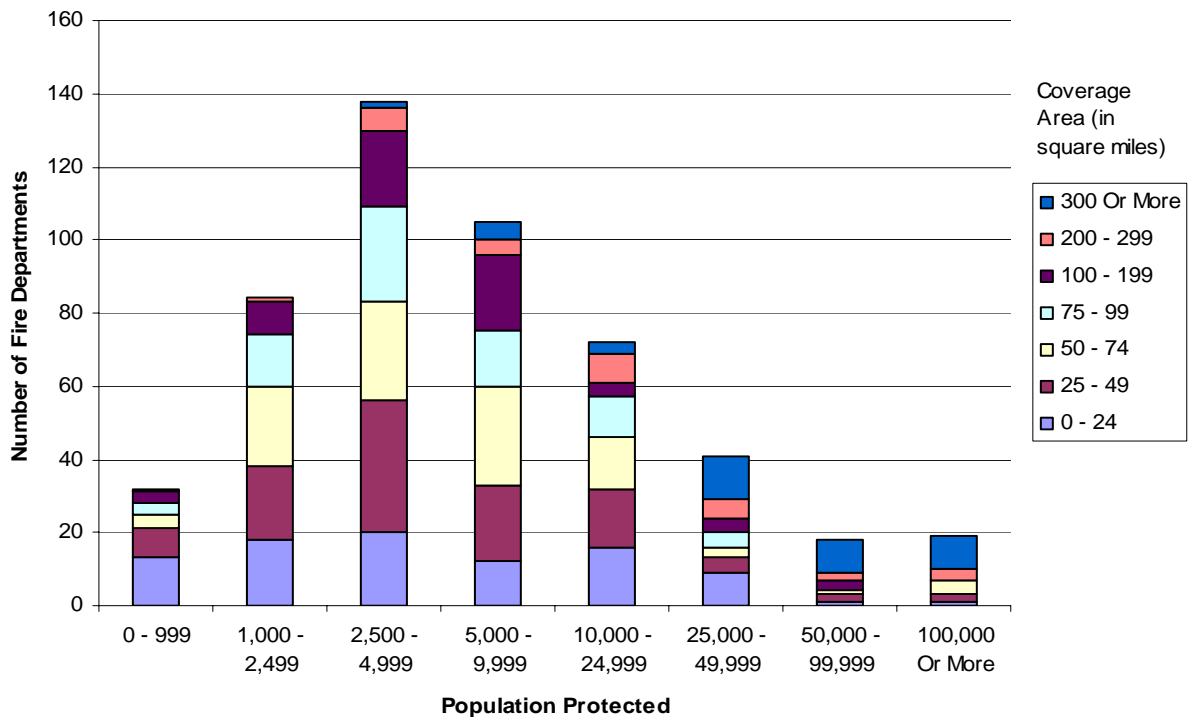


Figure 5. Population Protected By Coverage Area



Survey Section III - Department Personnel

On Duty Staffing

Providing safe and effective handling of emergency incidents of all types depends on the timely response of adequate personnel with appropriate training, apparatus, and equipment. The number of personnel needed to deal with an incident depends on variables such as the type of incident, location of the incident, size of the building or affected area, building construction features, weather conditions, available water supply, presence and status of victims, transportation issues, time of day communication capabilities, and the presence of exposures.¹

A fire's intensity/heat release rate, resulting smoke and toxic gases, and degree of property damage generally increase over time. As a result, there are numerous tasks that must be performed simultaneously at all fires to maximize safety and effectiveness. These tasks include incident command, forcible entry, fire attack, ventilation, search, rescue/removal, utility control, rapid intervention, and salvage.

The number of personnel needed to handle a given incident varies according to the variables listed above, but national standards and "best practices" exist to provide guidelines for fire departments. These include the following:²

- *National Fire Protection Association (2001). Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Department, 2001 Edition.* Quincy, MA.
- *National Fire Protection Association (2001). Standard for the Organization and Deployment of Fire suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Volunteer Fire Departments, 2001 Edition.* Quincy, MA.
- Insurance Services Office (1998). *Fire Suppression Rating Schedule.* Jersey City, NJ.
- Commission on Fire Accreditation International (2003). *Creating and Evaluating Standards of Response Coverage for Fire Departments, 4th Ed.* Chantilly, VA

Fire department staffing and deployment decisions are also affected by federal regulations such as the OSHA "Two-in, Two-out Rule"³, which requires the assembly of at least four firefighters before entering a hazardous environment and includes wearing Self-Contained Breathing Apparatus (SCBA), to provide an immediate back-up rescue team if the initial entrants become incapacitated.

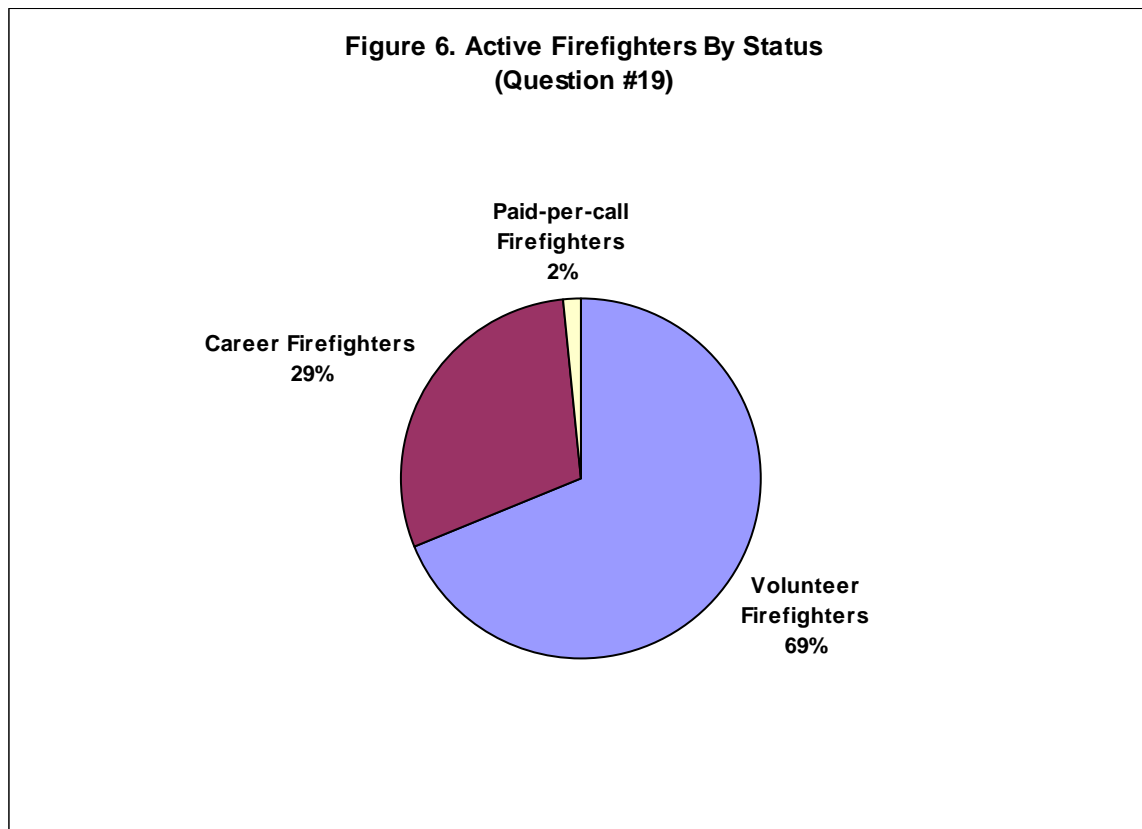
¹ Norman, John (1991). *Fire Officer's Handbook of Tactics.* Fire Engineering, Pennwell Publishing: Saddle Brook, NJ.

² These references are not intended to provide comprehensive treatment of this subject, which is beyond the scope of this report.

³ NFPA 1710. *A Standard for Every Professional Fire Department.*

Firefighters By Status

Fire departments are staffed by career firefighters (full-time paid), volunteer firefighters (receive no financial compensation for services), and paid-per-call firefighters. Sixty-nine percent of all active firefighters were reported as being classified as volunteer firefighters. Career firefighters accounted for 29 percent of the active personnel, while paid-per-call firefighters made up the remaining 2 percent. (See Figure 6.) Survey results from the 2006 Needs Assessment survey show that volunteer firefighters made up 53 percent of the personnel, accounting for a 30 percent increase with respondents, when compared to the current numbers in 2007.



Average Firefighters on Duty

The overall average number of firefighters on duty and available to respond to a call is 18. For volunteer fire departments, the average number on duty is 14, while for combination fire and career fire departments, the average amount on duty is 37 and 46, respectively.

Civilian Personnel By Type

Volunteer civilian personnel accounted for 80 percent of the non-fire service workers, while 20 percent were paid civilian employees. (See Figure 7.) Civilian personnel are an important part of fire departments since they provide support for the many different required administrative duties as well as providing assistance in implementing fundraising activities.

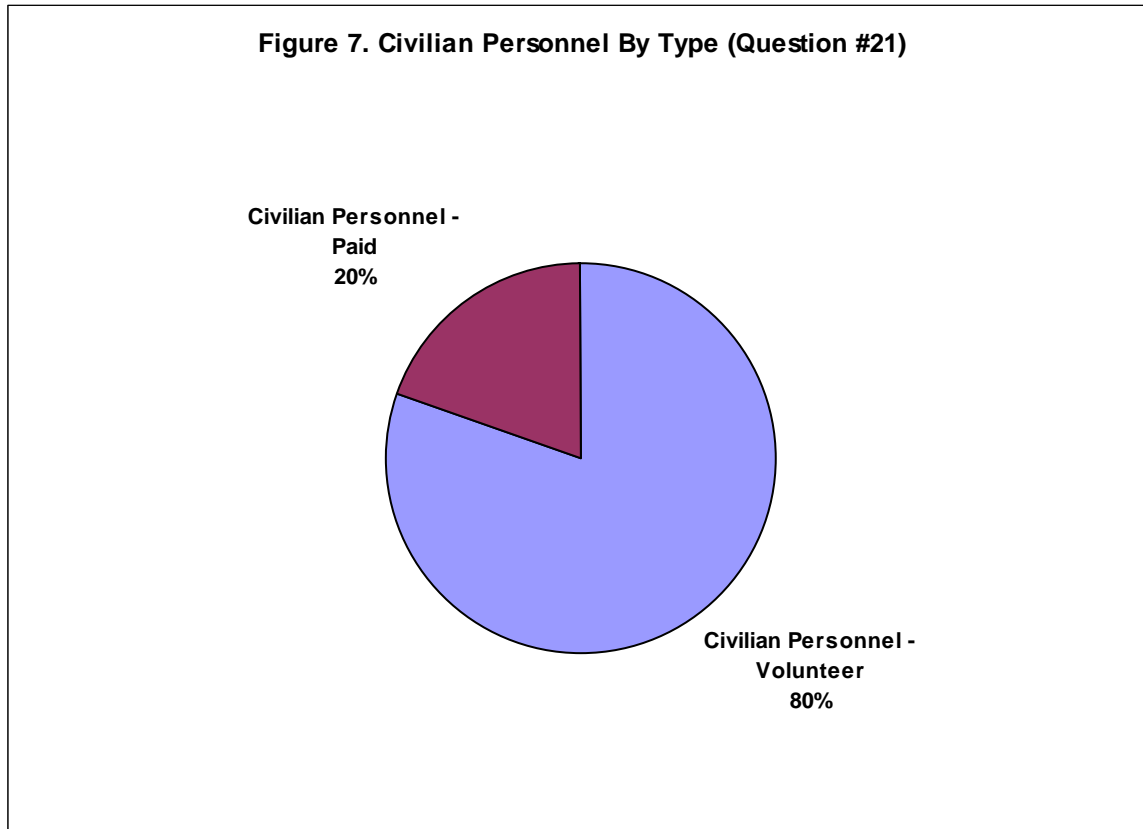


Table 5. Fire Department Personnel Data Reported By Virginia Region *

Region	Career Firefighters	Volunteer Firefighters	Paid-per-call Firefighters	Average Firefighters on Duty Available	Civilian Personnel - Paid	Civilian Personnel - Volunteer
Central	2,312	6,290	223	17.9	165	1,022
Coastal	2,772	2,906	54	23.5	183	560
Mountain	120	2,690	177	13.5	32	419
Northern	3,114	3,040	0	34.0	676	691
Valley	913	3,104	74	14.2	41	274
Grand Total	9,231	18,030	528	18.3	1,097	2,966

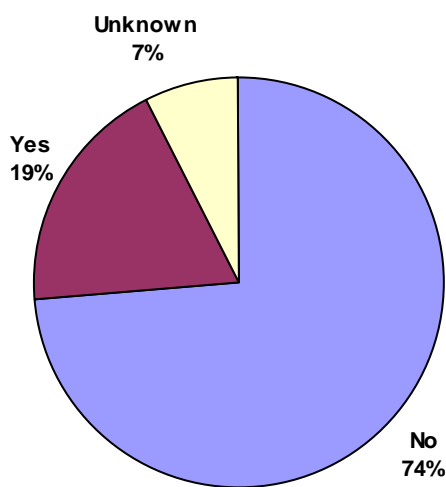
An additional report on personnel can be found under Supplemental Table 1 at the end of this section.

Fitness Program

A majority of the services provided by volunteer and career firefighters occur in severe environmental conditions involving extreme physical and mental stress. Beyond the emergency incident scene, responding to and returning from alarms, performing practical training evolutions, and even “living” in a fire station while on duty can expose firefighters to hazards.⁴ Regardless of the duty type (e.g., firefighting, responding to or returning from an alarm, training, etc.), the leading cause of firefighter fatalities over the past twenty years⁵ was cardiac arrest/heart attack, with approximately half of all firefighter deaths attributed to this cause annually.⁶

The data indicates that only 19 percent of reporting Virginia fire departments are maintaining a basic firefighter fitness and health program. (See Figure 8.) This represents a 3 percent increase from 2006, when 16 percent of reporting fire departments had such programs. Virginia’s figures are similar to national estimates, which indicate that only 20 percent of all fire departments nationwide have fitness and health programs.⁷

Figure 8. Does your Department Have a Program to Maintain Basic Firefighter Fitness and Health as Required by NFPA 1500?
(Question #22)



⁴ An extensive body of occupational safety and health literature has direct relevance to the fire/rescue service and illustrates the multi-faceted nature of the risks firefighters face while on and off duty.

⁵ Excluding the September 11, 2001 terrorist attack on the World Trade Center in New York City that killed 343 firefighters.

⁶ United States Fire Administration (2002). *Firefighter Fatality Retrospective Study*.

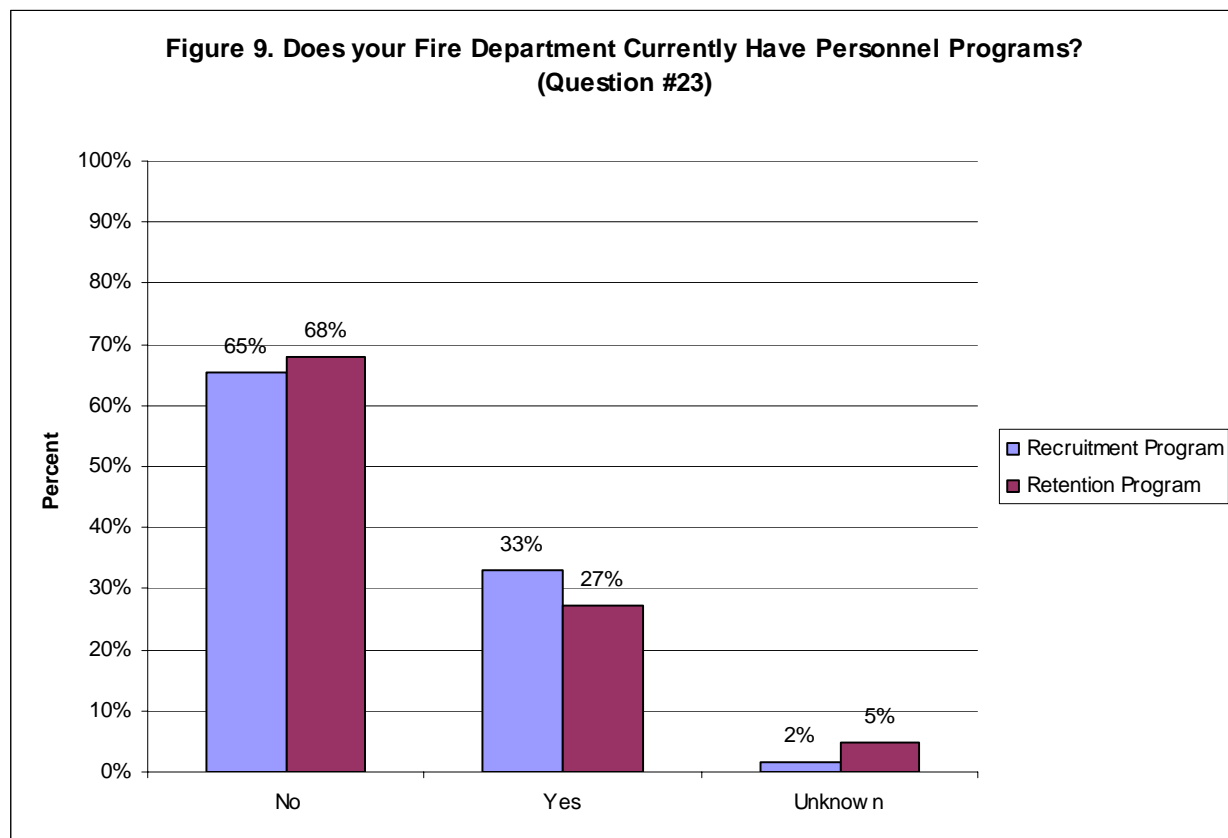
⁷ USFA/NFPA (2002). *A Needs Assessment of the U.S. Fire Service*.

The lack of firefighter health and fitness programs has long been recognized as a severe problem, and several national fire service groups, including the International Association of Fire Chiefs (IAFC), International Association of Fire Fighters (IAFF), National Fire Protection Association (NFPA)⁸, and the National Volunteer Fire Council (NVFC), have developed or are developing major initiatives to help remedy this problem.

On June 21, 2005, the first ever “National Stand Down for Firefighter Safety” was held in order to raise the level of awareness toward firefighter safety and call attention to the unacceptable number of Line of Duty deaths and injuries. Fire departments nationwide were urged to suspend all non-emergency activity and focus entirely on firefighter safety.

Personnel Programs

Managing the recruitment and retention of fire service staff is essential to the operation of a fire department and ensures an effective department response. Thirty-three percent of fire departments that responded on the survey currently have a recruitment program and 27 percent of departments have retention programs, suggesting a need for more implementation of personnel programs. (See Figure 9.)



⁸ National Fire Protection Association (2002). *NFPA 1500 Standard on Fire Department Occupational Safety and Health Program*, 2002 Edition. Quincy, MA.

Survey Section IV - Facilities & Apparatus

The number and location of fire stations in a given community depends on many variables, including community demographics, geography, transportation infrastructure, population density, service demand, and desired protection levels, which vary widely across the state. Generally, as the population served increases, the number of fire stations must also increase to ensure reasonable response times for fire and other emergency service calls.⁹ Fire departments serving smaller populations spread over larger land areas may also require additional fire stations.

A complete description of accepted standards and practices for fire service resource deployment is beyond the scope of this report.¹⁰ While it is not possible to determine a specific number of additional “needed” fire stations in Virginia from the data presented in this report, information developed by USFA/NFPA suggests that, in every population category, two-thirds to three-fourths of fire departments nationwide do not have enough fire stations to meet benchmarks established by the insurance and fire protection industries.¹¹

Fire stations and the land on which they sit are usually owned by local governments, independent corporate entities (such as a volunteer fire department), or a combination of both. As with fire station location and deployment, the expected lifecycle of a given fire station also depends on a range of community and even department-specific variables.

Some fire stations, particularly those serving larger communities, are staffed 24 hours per day, 365 days per year. Other stations, usually those with low service demand or located in more rural areas, are used primarily to store fire apparatus and equipment between emergency calls. In these stations, most firefighters respond from various locations (home, work, etc.) to the fire station.

Fire Stations Over 40 Years of Age

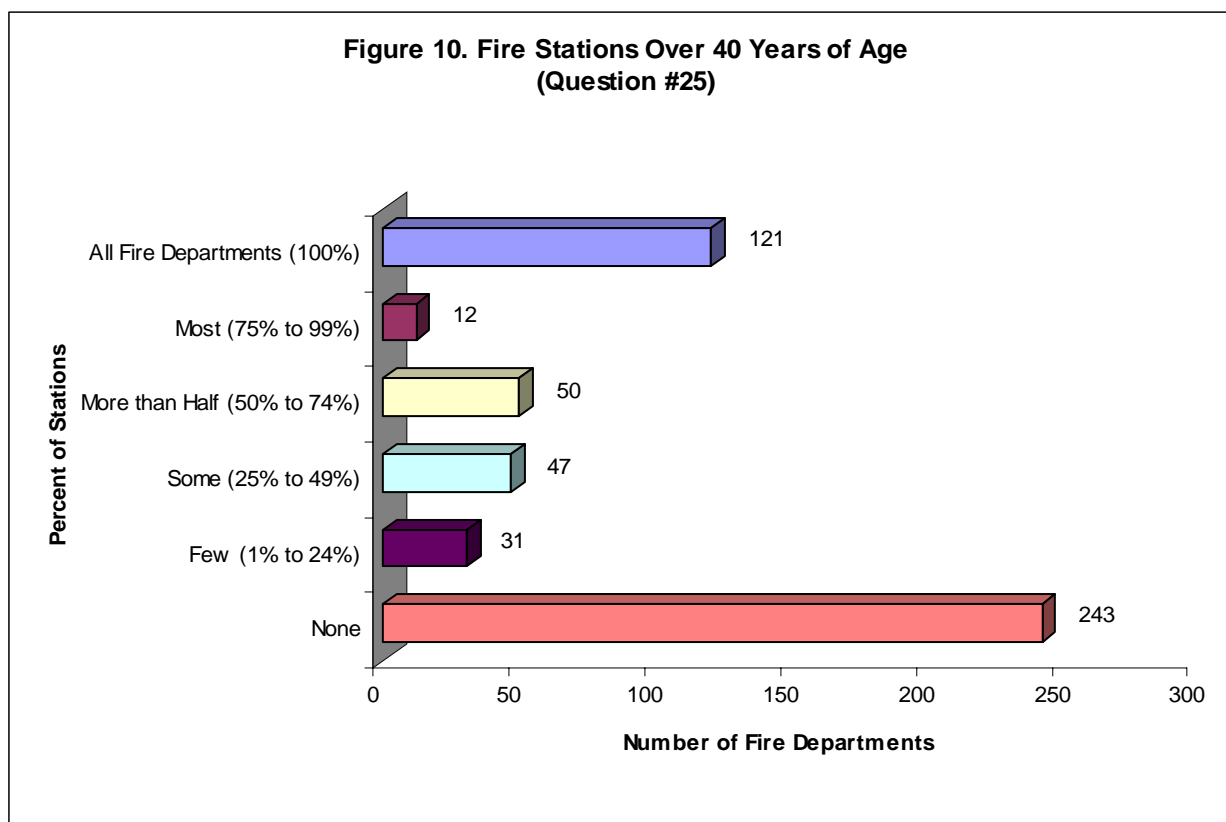
Twenty-four percent of respondents reported that all of their fire stations are over 40 years of age. Nearly half of reporting departments have no fire stations over 40 years of age. (See Figure 10.) In the 2006 Needs Assessment Report, 35 percent of the departments reported

⁹ While national benchmarks and standards of cover exist, the selection of response time goals is ultimately a local policy decision. Beyond the number and location of fire stations, local issues such as whether or not they are “staffed” (by career or on-duty volunteers), as well as community demographics, and transportation infrastructure will determine fire department response times.

¹⁰ See also: National Fire Protection Association (2001). *Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments*, 2001 Edition. Quincy, MA; National Fire Protection Association (2001) *Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to The Public by Volunteer Fire Departments*, 2001 Edition. Quincy, MA; Insurance Services Office (1998). *Fire Suppression Rating Schedule*. Jersey City, NJ. Commission on Fire Accreditation International (2003). *Creating and Evaluating Standards of Response Coverage for Fire Departments*, 4th Edition. Chantilly, VA.

¹¹ USFA/NFPA (2002). *A Needs Assessment of the U.S. Fire Service*, p. 60.

that their stations are more than 40 years old, while national estimates suggest that 32 percent of all fire stations in the U.S. were over 40 years old in 2002.¹²



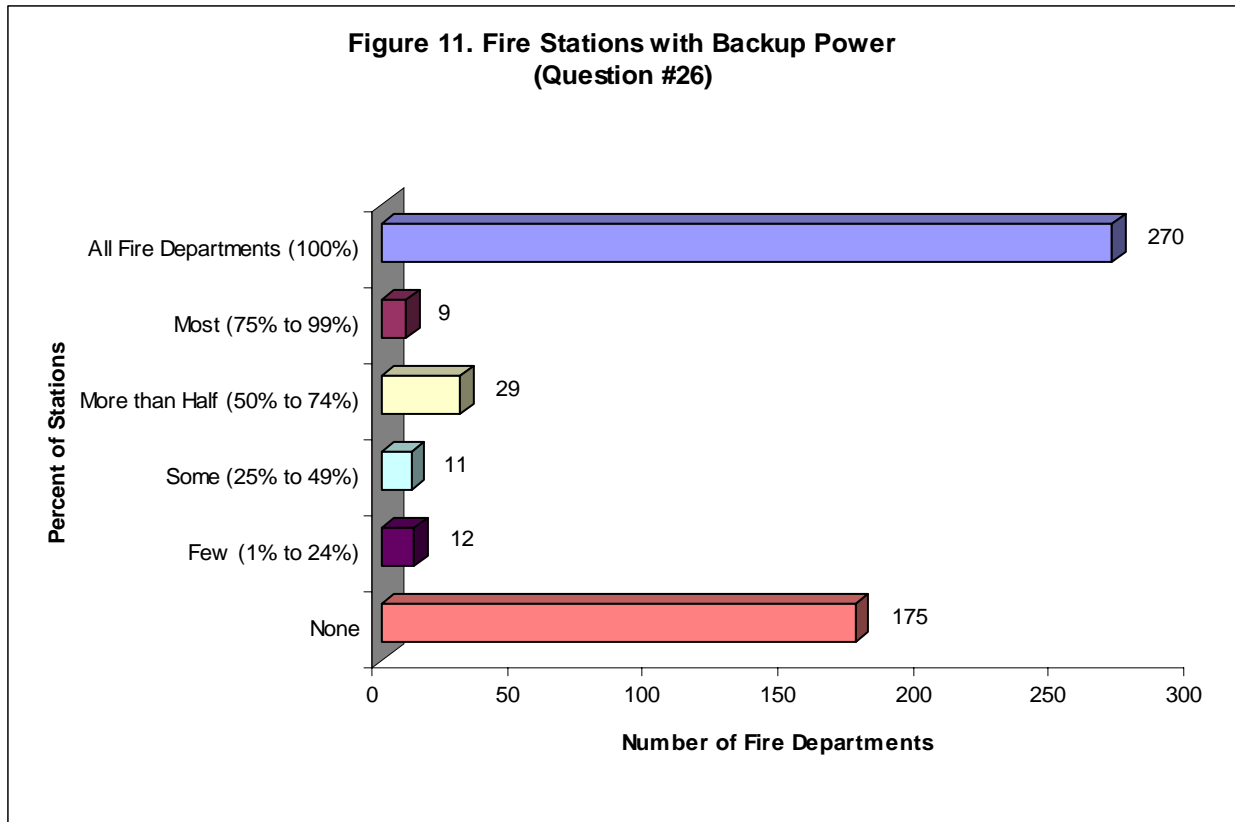
Note: Data for Question #25 is based on 504 completed survey responses out of a total of 509 respondents. Some fire departments skipped this question.

Fire Stations with Backup Power

All fire stations, regardless of age and staffing, must remain fully operational during emergency conditions, as demonstrated by Virginia's experience with Hurricane Isabel and nationally with Hurricanes Katrina and Rita. Having backup electrical power is very important in maintaining full fire protection for a community during an emergency. Fifty-three percent of fire departments documented that all fire stations have backup power during an emergency. However, 34 percent of the respondents stated that they have no backup power available. (See Figure 11.) The USFA/NFPA estimate that 57 percent of all fire stations nationwide lack backup power.¹³

¹² USFA/NFPA (2002). *A Needs Assessment of the U.S. Fire Service*, p. 57.

¹³ USFA/NFPA (2002). *A Needs Assessment of the U.S. Fire Service*, p.71.



Note: Data for Question #26 is based on 506 completed survey responses out of a total of 509 respondents. Some fire departments skipped this question.

Apparatus Currently Owned

Fire engines (also called “pumpers”) are the primary fire apparatus used by all fire departments to transport, access, and apply pressurized water or other extinguishing agent to fires. Fire engines today, however, are equipped and used for much more than firefighting. Many fire engines carry an array of emergency medical gear, hazardous materials equipment, portable ladders, basic vehicle extrication tools, and water rescue gear. While age alone does not always indicate a need for replacement, older apparatus often do not incorporate modern safety features or efficiency improvements that are found on newer apparatus.

Fire department aerial apparatus (also called “ladders” or “trucks”) mount an aerial ladder or platform typically extending from 55’ to 135’ high. Aerials also usually carry an extensive array of portable ladders, power tools/saws, exhaust fans, and blowers. The duties assigned to aerials include critical support roles such as victim search and rescue, access above and below ground level, utility control, and ventilation of smoke and toxic gases. Some aerials are also equipped for vehicle extrication, technical rescue, and hazardous materials response. As with fire engines, the age of the apparatus is not the sole determining factor of whether the apparatus is in need of replacement. It is, however, important to consider the benefits of advances that have been made in apparatus design in the past several decades, particularly regarding safety features.

Table 6. Average Number of Apparatus Owned By Population Protected *

Population Protected	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Vehicle	Engine / Pumper	Quint Combination Vehicle	Rescue / Fire Boat	Tanker	Technical Rescue Vehicle	Wildland Brush Truck	Other Apparatus
0 - 999	0.00	0.00	0.33	0.22	1.70	0.04	0.00	0.93	0.11	0.78	0.41
1,000 - 2,499	0.03	0.00	0.38	0.17	1.80	0.08	0.11	1.17	0.21	1.09	0.58
2,500 - 4,999	0.12	0.00	0.58	0.43	2.16	0.05	0.27	1.11	0.34	1.14	0.80
5,000 - 9,999	0.18	0.00	0.49	0.54	2.46	0.10	0.13	1.00	0.34	1.15	1.27
10,000 - 24,999	0.49	0.00	1.13	1.15	3.31	0.33	0.55	1.16	0.58	1.38	1.62
25,000 - 49,999	0.93	0.03	2.57	1.87	4.73	0.20	0.53	1.20	0.33	1.97	2.73
50,000 - 99,999	1.00	0.00	5.94	4.88	5.88	0.82	0.53	2.12	1.41	1.94	7.18
100,000 Or More	4.47	0.12	15.88	5.12	20.82	2.12	2.53	2.88	2.71	5.18	6.76
Grand Total	0.46	0.01	1.68	1.02	3.50	0.24	0.37	1.23	0.49	1.43	1.64

Table 7. Total Number of Apparatus Owned By Virginia Region *

Region	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Vehicle	Engine / Pumper	Quint Combination Vehicle	Rescue / Fire Boat	Tanker	Technical Rescue Vehicle	Wildland Brush Truck	Other Apparatus
Central	50	2	157	130	430	36	32	184	72	207	207
Coastal	43	0	142	54	260	23	40	68	24	77	83
Mountain	16	0	49	64	255	12	25	124	37	122	97
Northern Valley	41	1	194	90	209	7	25	38	36	63	125
	24	0	92	47	168	14	19	50	17	70	109
Grand Total	174	3	634	385	1,322	92	141	464	186	539	621

Fire tankers (also called “water tenders”) are the primary fire apparatus used by most rural fire departments to transport large volumes of water to the scene of a fire, where water hydrant systems are not available. Tankers today, however, are equipped and used for much more than firefighting. Many fire tankers carry an array of extinguishing agents and portable water tanks (drop tanks) to combat the need for additional water sources to adequately extinguish large fires.

Based on the information reported with the survey for 2007, fire departments in Virginia have on average two (2) ambulances / other patient transport, one (1) command vehicle, four (4) engines / pumpers, one (1) tanker, and one (1) wildland brush truck. (See Table 6.) As the population protected increases for a fire department, the fire service demands increase as well as the average apparatus owned.

Equipment Currently Owned

Specialized protective clothing is required for structural firefighting and other emergency incidents to protect responders from thermal, mechanical, and other hazards. To achieve optimal effectiveness, structural firefighter protective clothing (SFPC) must be properly fitted, maintained and stored, regularly cleaned, and repaired or replaced when no longer capable of protecting the wearer.¹⁴

The thermal and toxic hazards to which firefighters are exposed during “routine” incidents make self-contained breathing apparatus (SCBA) an absolute necessity for safe and effective emergency operations. Without SCBA, firefighters are unable to enter hazardous environments (including a “typical” residential structural fire) to fight fires, search for and rescue victims, or conduct salvage operations. The increasing threat potential from hazardous materials and terrorist acts makes it important that *all* emergency responders, not just those assigned to operations in the “hot zone”, have access to SCBA.

The environmental hazards of firefighting are magnified by the fact that most interior firefighting operations occur in low to zero visibility. For this reason, personal alert safety system (PASS) devices were developed to help rescuers locate lost, trapped, injured, or otherwise “downed” firefighters. PASS devices incorporate a motion sensor and alarm to emit a loud warbling sound when a firefighter is immobile for longer than 30 seconds.¹⁵

The application of new and emerging technology – in some cases transferred from military, university, or private sector research – to fire department equipment and operational practices is a growing trend. Several technologies that are becoming relevant to Virginia’s fire departments include thermal imaging cameras (TICs), mobile data terminals with Mapping Coordination Systems GIS (MDTs), and chemical/biological sampling equipment.

¹⁴ National Fire Protection Association (2001). *NFPA Standard on Selection, Care, and Maintenance of Structural Fire Fighting Protective Ensembles*, 2001 Edition. Quincy, MA.

¹⁵ National Fire Protection Association (1998). *NFPA 1982 Standard on Personal Alert Safety Systems*, 1998 Edition. Quincy, MA.

Table 8. Average Number of Equipment Owned By Population Protected *

Population Protected	Chemical / Biological Sample Analysis Equipment	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Safety Systems (PASS)	Personal Protective Equipment (PPE)	Radios	Self-Contained Breathing Apparatus (SCBA)	Technical Rescue Equipment	Thermal Imaging Cameras	Other Equipment
0 - 999	0.07	0.81	0.00	8.85	20.63	13.52	9.85	0.33	0.33	1.00
1,000 - 2,499	0.12	0.97	0.00	11.79	27.09	18.80	12.76	0.62	0.74	0.09
2,500 - 4,999	0.15	0.68	0.21	15.76	30.83	29.28	15.77	1.21	1.01	0.10
5,000 - 9,999	0.10	0.79	0.15	18.64	35.73	23.46	18.48	1.00	1.34	0.00
10,000 - 24,999	0.80	1.49	1.44	28.47	50.05	47.00	54.95	1.84	1.91	0.47
25,000 - 49,999	1.57	2.20	1.77	46.67	90.17	66.67	45.20	1.93	3.13	0.00
50,000 - 99,999	3.00	4.18	2.71	80.59	147.71	89.82	67.65	7.47	5.82	0.00
100,000 Or More	7.76	25.18	72.88	283.06	710.88	437.06	350.82	18.35	22.12	2.94
Grand Total	0.81	2.26	3.83	34.32	73.66	51.90	40.74	2.21	2.44	0.31

Table 9. Total Number of Equipment Owned By Virginia Region *

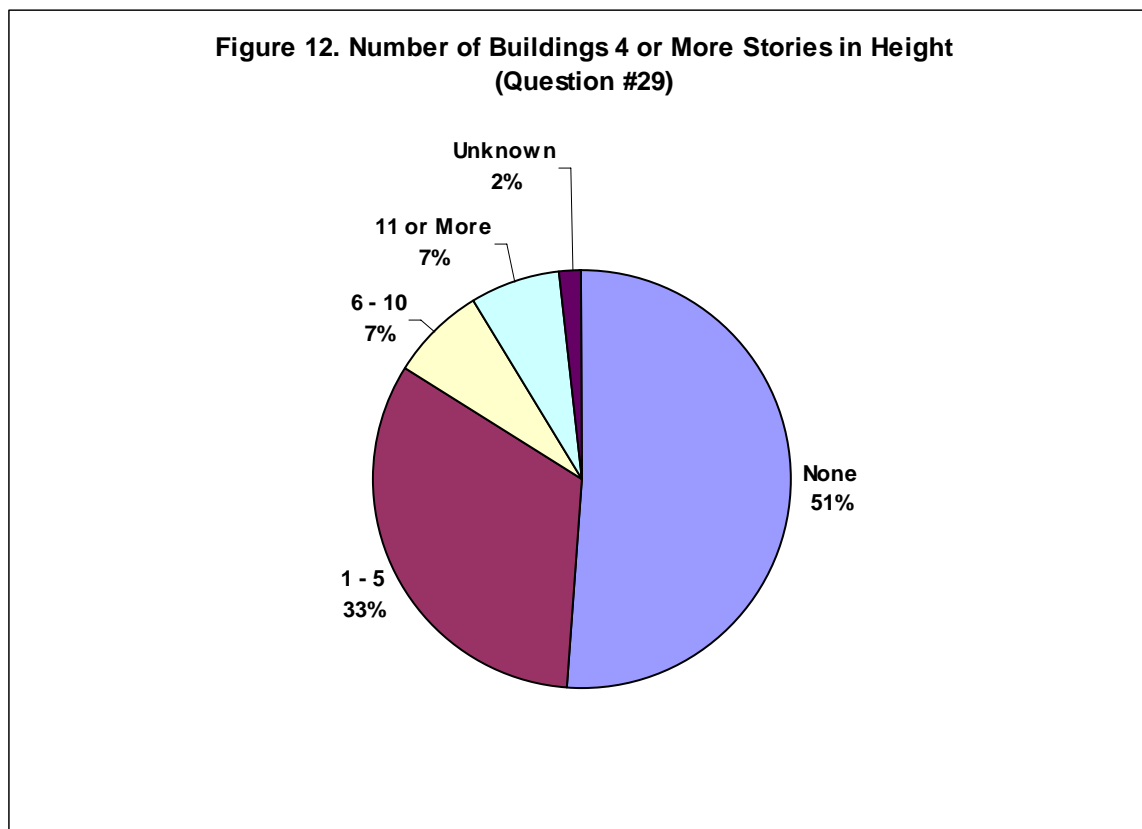
Region	Chemical / Biological Sample Analysis Equipment	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Safety Systems (PASS)	Personal Protective Equipment (PPE)	Radios	Self-Contained Breathing Apparatus (SCBA)	Technical Rescue Equipment	Thermal Imaging Cameras	Other Equipment
Central	81	338	267	4,062	8,123	4,782	3,953	184	322	4
Coastal	80	77	278	2,449	4,838	3,590	4,032	56	167	70
Mountain	28	83	8	1,629	2,874	3,169	1,672	192	118	15
Northern	98	295	881	3,517	9,307	6,099	4,350	347	222	4
Valley	19	60	14	1,317	2,703	1,979	1,392	56	93	26
Grand Total	306	853	1,448	12,974	27,845	19,619	15,399	835	922	119

On average, fire departments responded for 2007 that they maintain and own (1) one chemical / biological sample analysis unit, two (2) map coordinate GPS devices, four (4) mobile data terminals, 34 personal alert safety systems (PASS), 74 personal protective equipment (PPE), 52 radios, 41 self-contained breathing apparatus (SCBA), two (2) pieces of technical rescue equipment, and two (2) thermal imaging cameras. (See Table 8.)

Please see Supplemental Table 2 and Supplemental Table 3 at the end of this section for additional information on the apparatus owned and equipment owned by fire departments in Virginia.

Buildings 4 or More Stories

A little more than half of all survey respondents reported that there were no buildings in their area that are four stories or more in height. One-third of fire departments have local buildings between one and five stories in height. (See Figure 12.)



Survey Section V - Operating Budget Information

Budget Funding

Fire departments obtain funding for their operating expenses from many different sources such as fire district taxes, payments per call, local government funding, state government funding, fundraising, and other sources. Eighty-two percent of fire departments responded that their normal budget does not cover the costs associated with apparatus replacement.

The largest part of the funding sources for fire departments is from local government funding which accounted for an average of 56 percent of department's budgets. Fundraising generated on average 28 percent of the income for fire departments. (See Figure 13.)

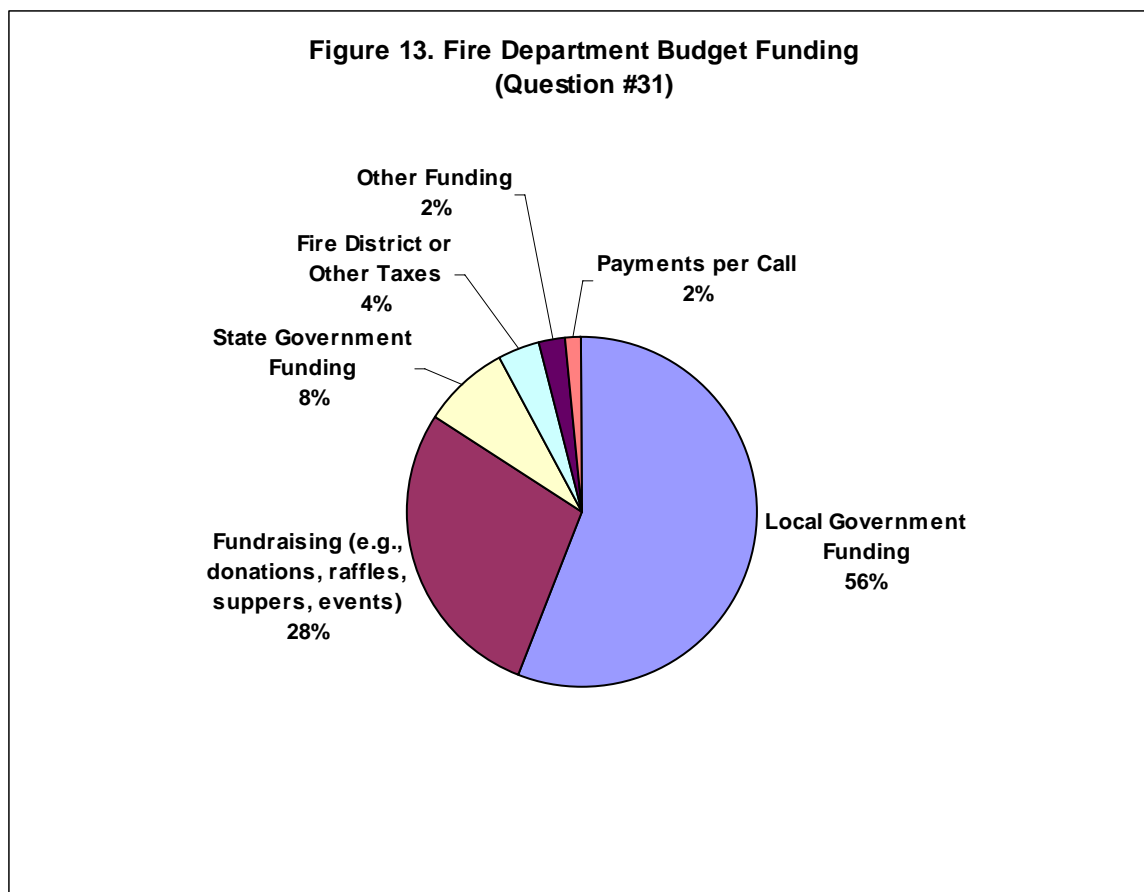


Table 10. Average Percent of Fire Department Budget Funding By Population Protected

Population Protected	Fire District or Other Taxes	Payments per Call	Local Government Funding	State Government Funding	Fundraising (e.g., donations, raffles, supporters, events)	Other Funding
0 - 999	4.38	1.41	51.75	13.16	26.28	3.03
1,000 - 2,499	2.99	0.00	49.61	10.58	34.68	2.14
2,500 - 4,999	3.51	1.92	48.53	8.62	34.66	2.77
5,000 - 9,999	3.36	2.54	54.25	6.42	30.15	3.28
10,000 - 24,999	4.93	0.99	59.53	6.01	27.43	1.11
25,000 - 49,999	6.51	1.17	68.61	6.24	16.10	1.37
50,000 - 99,999	6.11	2.17	78.22	9.61	3.89	0.00
100,000 Or More	5.26	1.53	87.37	1.11	4.11	0.63
Grand Total	4.05	1.50	55.76	7.97	28.46	2.26

Table 11. Average Percent of Fire Department Budget Funding By Virginia Region

Region	Fire District or Other Taxes	Payments per Call	Local Government Funding	State Government Funding	Fundraising (e.g., donations, raffles, supporters, events)	Other Funding
Central	0.94	0.75	57.55	8.54	30.06	2.15
Coastal	9.28	2.62	53.51	5.79	26.78	2.01
Mountain	2.39	1.46	57.68	12.89	22.67	2.92
Northern	17.23	0.44	57.31	3.37	20.63	1.02
Valley	0.86	2.72	50.77	4.73	38.43	2.49
Grand Total	4.05	1.50	55.76	7.97	28.46	2.26

Apparatus Replacement

Sixty-three percent of fire departments in the survey replied that they regularly schedule and plan for the replacement of apparatus and equipment. Twenty-one percent of fire departments expect the need to replace a command vehicle in the next five years. Departments that anticipate the replacement of engines/pumpers within the next five years accounted for 40 percent, while a similar schedule of replacing wildland brush trucks within five years made up 27 percent. Twenty-seven percent of departments responded that they don't expect the need to replace tanker apparatus until 10 years from now. (See Table 12.)

Table 12. Percent of Fire Departments Reporting Expected Need to Replace Apparatus

Apparatus	Within 1 Year	Within 5 Years	Within 10 Years	No Need To Replace
Aerial Apparatus	4.52%	9.63%	10.41%	75.44%
Aircraft Rescue and Fire Fighting (ARFF) Vehicle	0.20%	0.79%	1.96%	97.05%
Ambulance / Other Patient Transport	14.73%	14.93%	4.72%	65.62%
Command Vehicle	14.34%	20.83%	11.00%	53.83%
Engine / Pumper	23.58%	40.28%	22.99%	13.16%
Quint Combination Vehicle	0.98%	3.14%	6.88%	89.00%
Rescue / Fire Boat	2.75%	3.54%	5.70%	88.02%
Tanker	9.63%	21.61%	27.11%	41.65%
Technical Rescue Vehicle	6.48%	8.64%	7.86%	77.01%
Wildland Brush Truck	12.57%	27.31%	23.18%	36.94%

Equipment Replacement

The highest concentration of departments that displayed the need to replace equipment within the next five years is found in personal alert safety systems (46%), personal protective equipment (43%), radios (43%), self-contained breathing apparatus (49%), and thermal imaging cameras (36%). (See Table 13.)

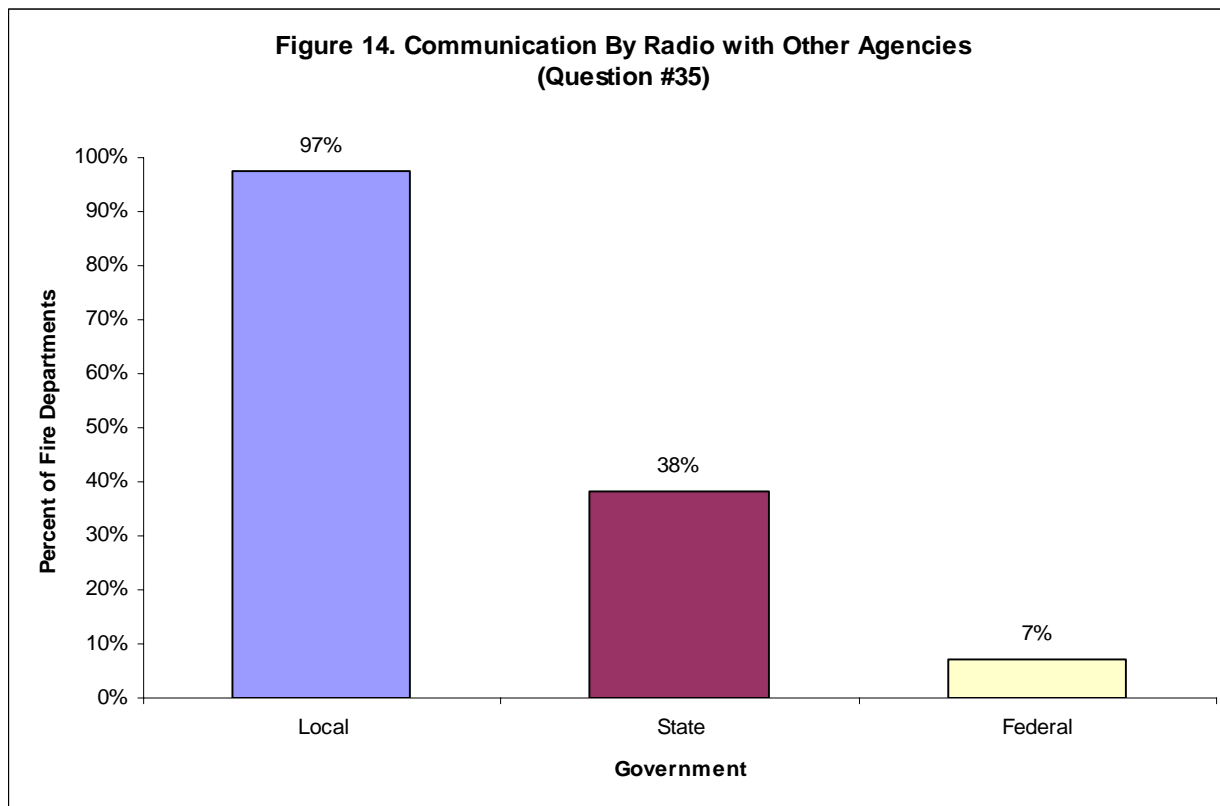
Table 13. Percent of Fire Departments Reporting Expected Need to Replace Equipment

Equipment	Within 6 Months	Within 1 Year	Within 5 Years	No Need To Replace
Chemical / Biological Sample Analysis Equipment	0.98%	6.88%	11.79%	80.35%
Map Coordinate System - GPS	4.13%	12.38%	20.24%	63.26%
Mobile Data Terminals	2.16%	7.66%	10.22%	79.96%
Personal Alert Safety Systems (PASS)	3.54%	11.79%	45.58%	39.10%
Personal Protective Equipment (PPE)	10.02%	24.95%	42.63%	22.40%
Radios	8.06%	20.43%	43.42%	28.09%
Self-Contained Breathing Apparatus (SCBA)	5.50%	12.18%	48.72%	33.60%
Technical Rescue Equipment	1.18%	8.64%	18.07%	72.10%
Thermal Imaging Cameras	4.13%	14.93%	35.76%	45.19%

Survey Section VI - Communications

The ability of fire departments to establish and maintain effective and reliable communications through all phases of an emergency incident (i.e., notification, dispatch, response, operations, and termination) is critical. Since the September 11, 2001 terrorist attack, public safety communications have received a great deal of attention, particularly with respect to “interoperability”, which is the degree to which local, state, and federal responders can communicate with each other.¹⁶

Reports from Virginia fire departments show that the vast majority of departments (97%) can communicate with local emergency response partners by radio on an incident scene. Thirty-eight percent can communicate with state responders and only seven percent can communicate with federal responders, suggesting that communications interoperability is still a challenge for many fire departments. (See Figure 14.)



¹⁶ For more information regarding the FY 2008 Virginia Statewide Strategic Plan for Communications Interoperability, please visit www.interoperability.publicsafety.virginia.gov.

Frequency Spectrum

The frequency in which fire departments operate can greatly affect how they communicate with other agencies. Fifty-five percent of departments operate using High Band (147-174 MHz) frequency, while 38 percent of departments use either Ultra Band (450-470 MHz) or 800 MHz radios. (See Figure 15.)

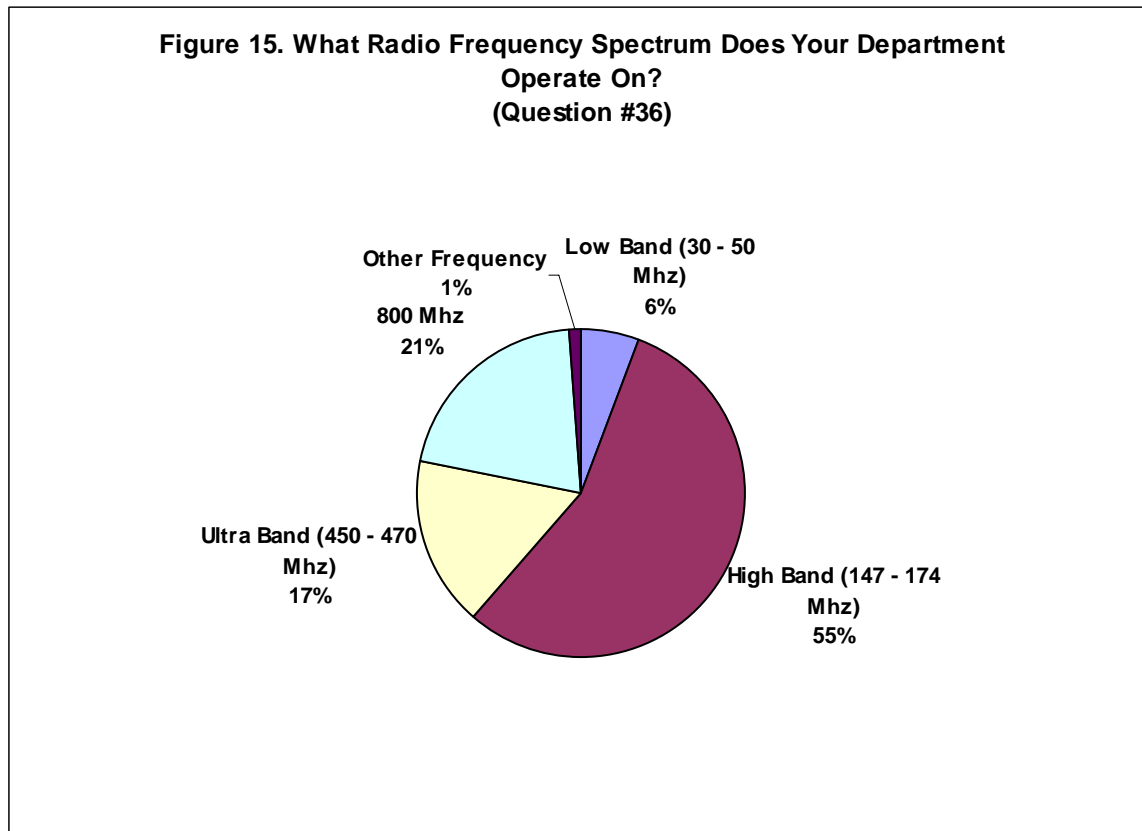


Table 14. Radio Operating Frequency Reported By Population Protected

Population Protected	Low Band (30 - 50 Mhz)	High Band (147 - 174 Mhz)	Ultra Band (450 - 470 Mhz)	800 Mhz	Other Frequency	Grand Total
0 - 999	1.18%	3.34%	1.38%	0.20%	0.20%	6.29%
1,000 - 2,499	0.98%	11.00%	1.96%	2.36%	0.20%	16.50%
2,500 - 4,999	2.36%	16.31%	5.11%	3.34%	0.00%	27.11%
5,000 - 9,999	0.98%	12.77%	3.34%	3.34%	0.20%	20.63%
10,000 - 24,999	0.00%	8.45%	2.16%	3.34%	0.20%	14.15%
25,000 - 49,999	0.20%	2.95%	1.96%	2.95%	0.00%	8.06%
50,000 - 99,999	0.00%	0.98%	0.39%	2.16%	0.00%	3.54%
100,000 Or More	0.00%	0.00%	0.20%	3.34%	0.20%	3.73%
Grand Total	5.70%	55.80%	16.50%	21.02%	0.98%	100.00%

Table 15. Radio Operating Frequency Reported By Virginia Region

Region	Low Band (30 - 50 Mhz)	High Band (147 - 174 Mhz)	Ultra Band (450 - 470 Mhz)	800 Mhz	Other Frequency	Grand Total
Central	0.98%	22.99%	2.16%	8.06%	0.20%	34.38%
Coastal	0.79%	9.04%	0.79%	2.75%	0.00%	13.36%
Mountain	2.16%	16.50%	4.52%	0.00%	0.39%	23.58%
Northern	0.59%	0.98%	0.79%	7.66%	0.20%	10.22%
Valley	1.18%	6.29%	8.25%	2.55%	0.20%	18.47%
Grand Total	5.70%	55.80%	16.50%	21.02%	0.98%	100.00%

Assigned Radios

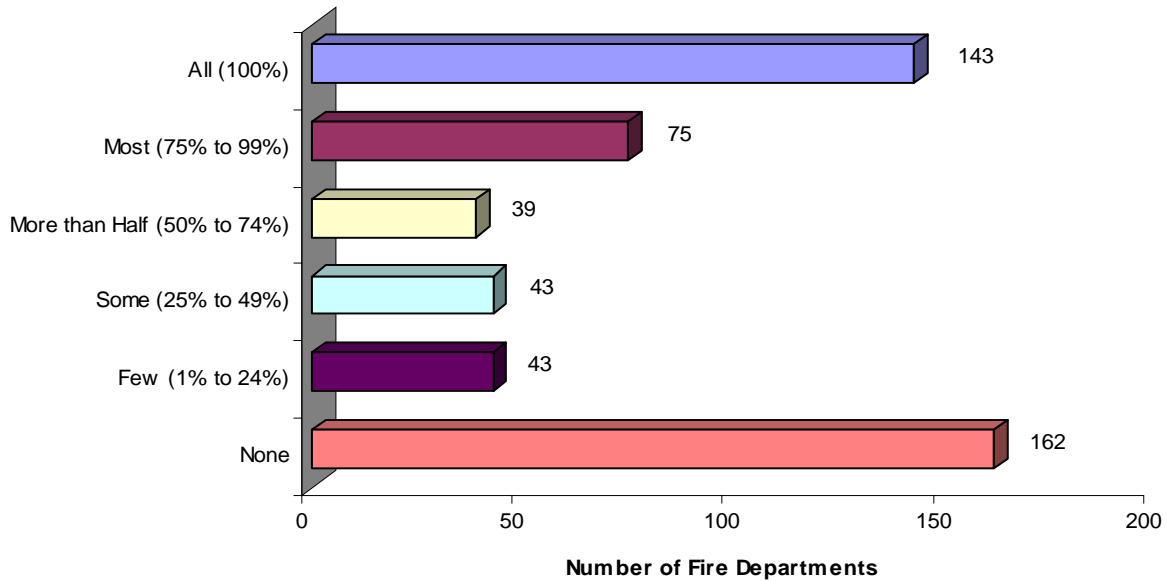
Fifty-seven percent of respondents answered that all of their apparatus have portable radios assigned, while only 14 percent of departments showed that their apparatus all have a portable radio assigned to each riding position.

Safe Radios

Radios that work properly in extreme conditions are an important part of a firefighter's needed equipment. Twenty-eight percent of all departments are fully equipped with water-resistant radios. Thirty-two percent of departments reported that they have no water-resistant radios. (See Figure 16.)

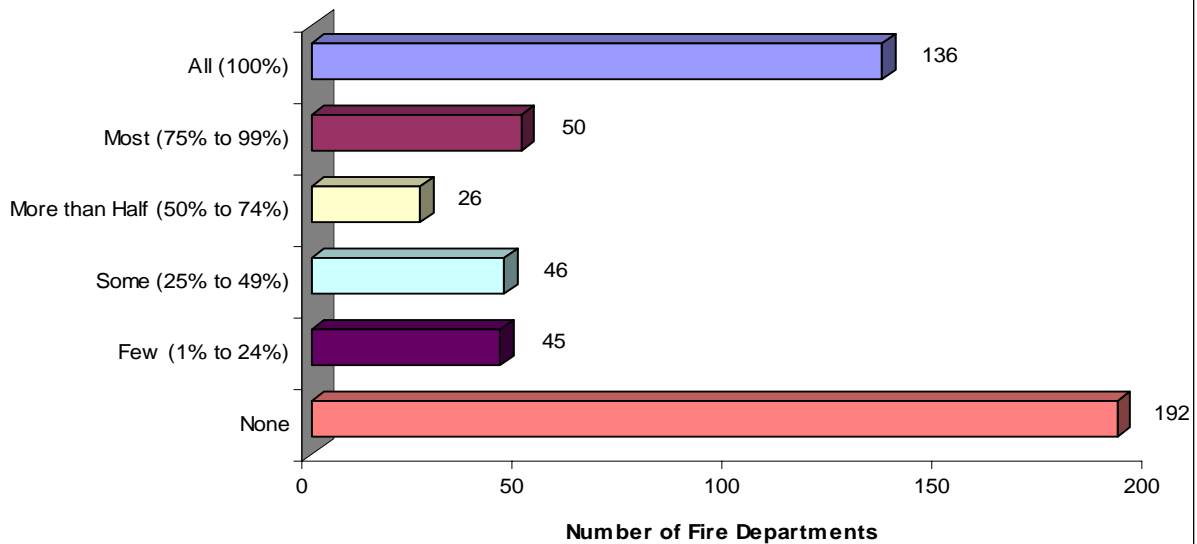
Fire Departments that have radio systems that are all intrinsically safe in an explosive atmosphere accounted for 27 percent of the respondents. Thirty-nine percent of fire departments reported that they have no radios that are safe in an explosive environment. (See Figure 17.)

**Figure 16. What Percentage of Your Radios Are Water-Resistant?
(Question #39)**



Note: Data for Question #39 is based on 505 completed survey responses out of a total of 509 respondents. Some fire departments skipped this question.

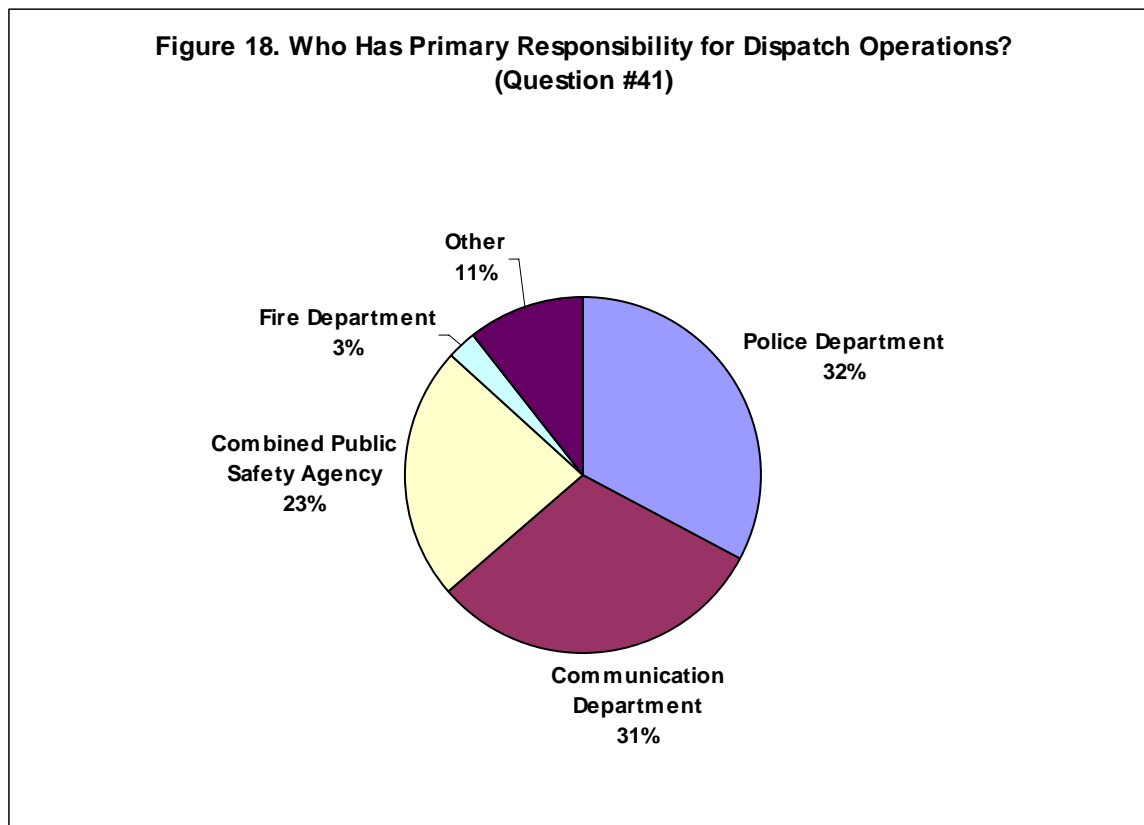
**Figure 17. What Percentage of Your Radios Are Intrinsically Safe in an
Explosive Atmosphere?
(Question #40)**



Note: Data for Question #40 is based on 495 completed survey responses out of a total of 509 respondents. Some fire departments skipped this question.

Dispatch Operations

Nearly one-third of all fire departments responded that a police department is primarily responsible for their dispatch operations. Thirty-one percent employ a communications department for their incident calls and 23 percent utilize a combined public safety agency. (See Figure 18.)

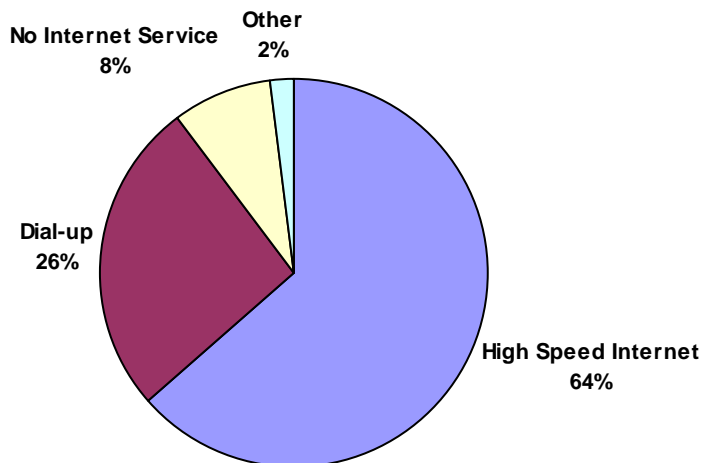


Note: Data for Question #41 is based on 506 completed survey responses out of a total of 509 respondents. Some fire departments skipped this question.

Internet Access

Fire departments use the internet for a wide variety of purposes, such as accessing information, submitting incident reports, and participating in online training activities. Some departments make extensive use of email and other productivity-related software to manage routine daily business. A majority of fire departments have internet access (90%) at their organization. High speed internet accounted for 64 percent of the internet access and dial-up made up 26 percent of the internet service used in the state. (See Figure 19.) Slow internet speeds can inhibit the productivity of departments when managing activities on-line. Switching over to higher speed internet would definitely help the efficiency with a department's internet communication.

**Figure 19. What Type of Internet Access Do You Currently Have At Your Department?
(Question #42)**



Survey Section VII - Fire Department Roles / Training

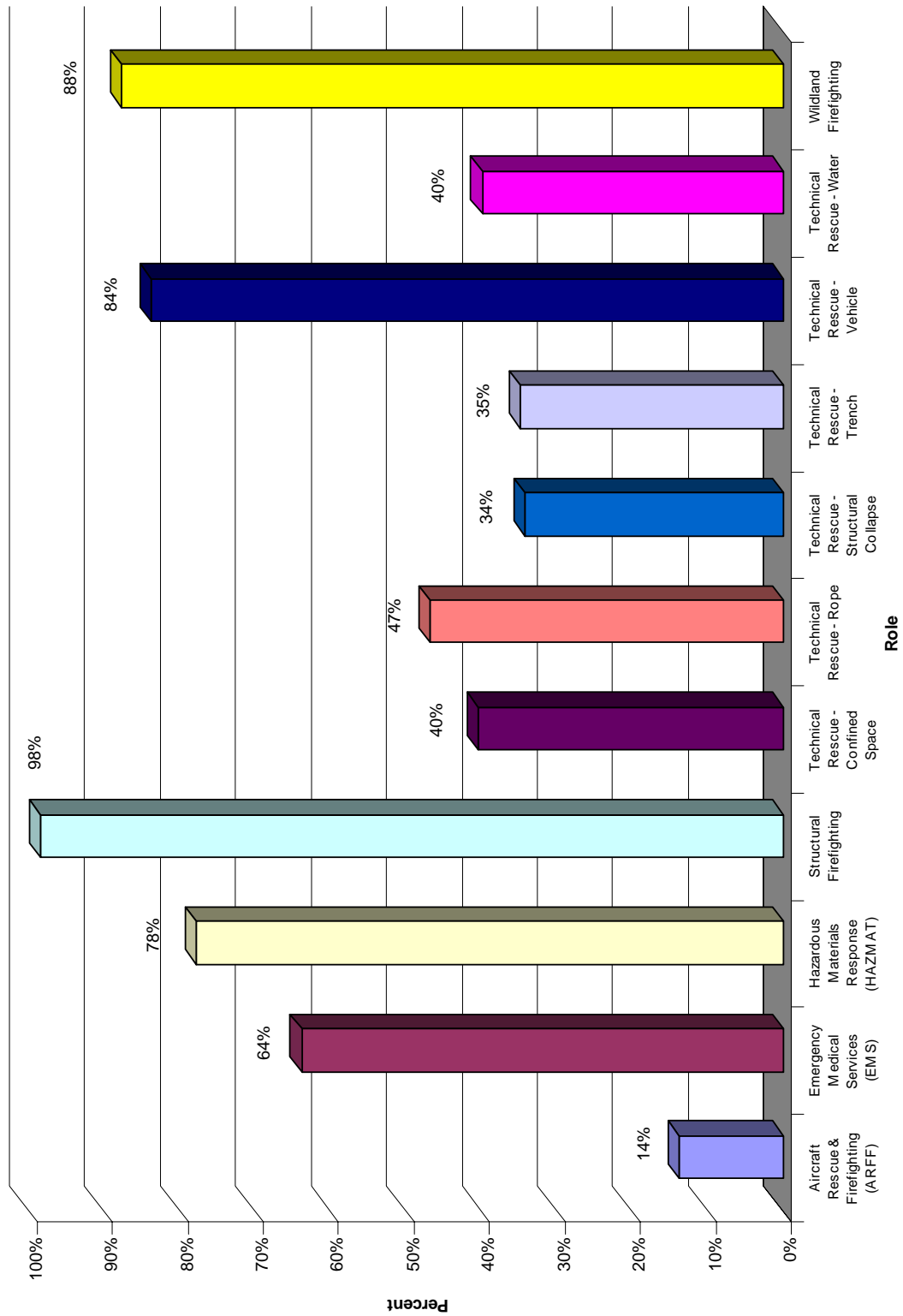
Department Roles

Fire departments have specific roles in which they perform in responding to an incident. Fire service personnel are trained in different specialized fields that enable them to take action during situations where they are needed.

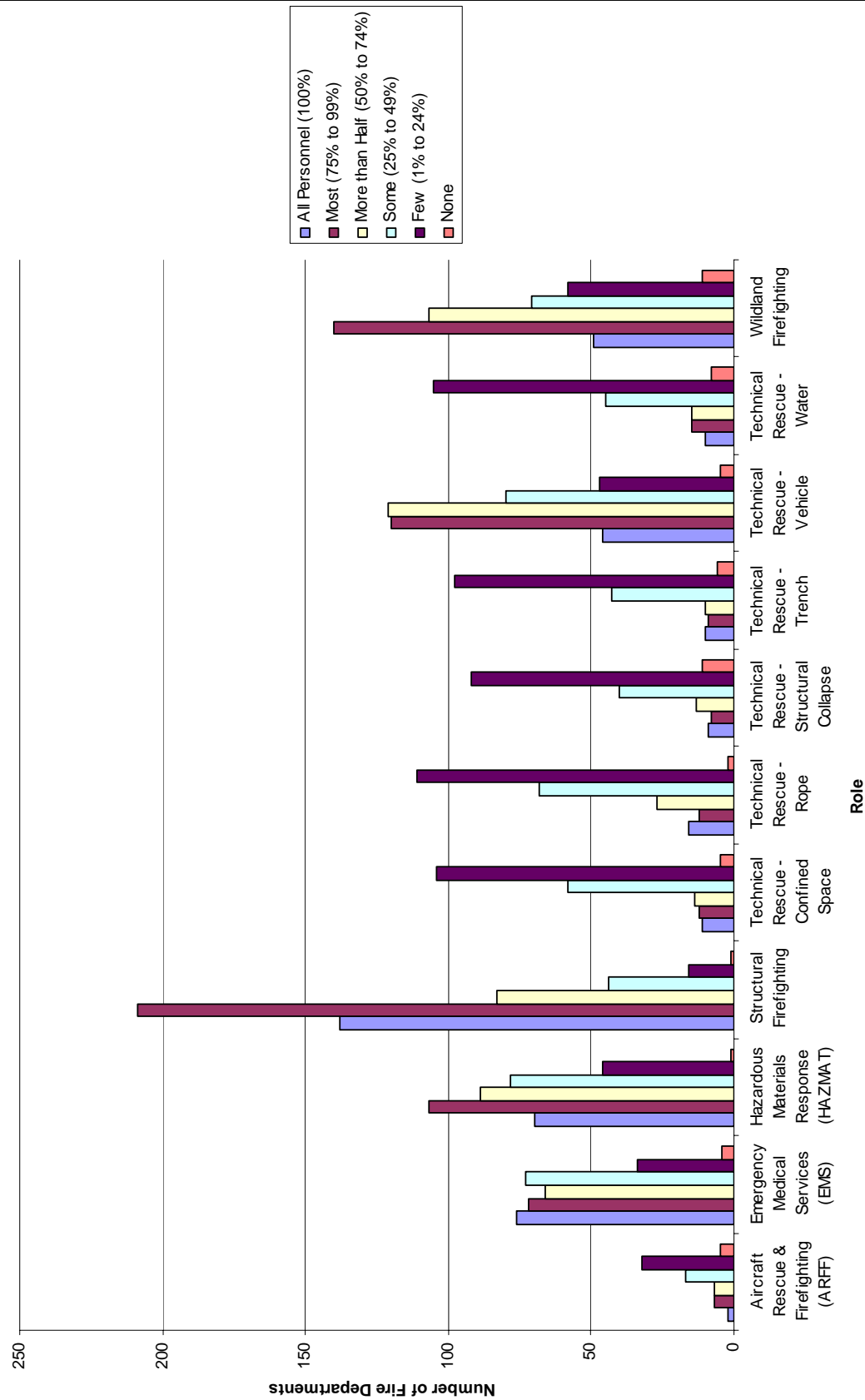
Ninety-eight percent of fire departments in Virginia are prepared for responding to structural firefighting calls. Departments are also well prepared to handle situations involving wildland firefighting (88%), technical rescue - vehicle (84%), and hazardous materials response (78%). There is some need for personnel with the ability to answer emergency medical services calls since only 64 percent perform this role. (See Figure 20.) Specialized areas of technical rescue training such as in confined space, rope, structural collapse, trench, and water could be more utilized in fire departments so that they are prepared for any type of incident.

Even if a department is prepared for certain fire service roles, all personnel may not have received formal training in a specialized field. Having all personnel trained in a particular area will guarantee proper response during an emergency situation as well as ensure their safety.

**Figure 20. Percent of Fire Departments that Perform Specific Fire Service Role
(Question #44)**



**Figure 21. Percent of Personnel That Have Received Formal Training By Department Role
(Question #44)**



Firefighter Certification

When fire service personnel are additionally certified in specific areas, fire departments are able to respond more effectively to incidents in Virginia. They have received more intensive coursework on how to appropriately handle a situation. Fire departments reported with the survey that they have very few personnel that are certified in certain fire service areas. Fifty-six percent of departments responded that they have few (1% to 24%) personnel trained and certified in advanced life-support. Concurrently, departments with most (75% to 99%) of their staff certified were in the areas of emergency vehicle operations (46%), firefighter level I (37%) and HAZMAT Awareness (36%). The amount of specialized certifications with fire investigator, fire prevention inspector, HAZMAT specialist, HAZMAT technician, and public fire & life safety educator showed large deficiencies among the reported survey results. (See Table 16.)

Table 16. Percent of Fire Service Personnel Reported By Certification Type

Certification	All Personnel (100%)	Most (75% to 99%)	More than Half (50% to 74%)	Some (25% to 49%)	Few (1% to 24%)	None
Advanced Life-Support (EMT-Enhanced, EMT-Intermediate, or EMT-Paramedic)	0.59%	2.55%	2.95%	11.59%	55.80%	22.40%
Basic Life Support (First Responder or EMT-B)	5.11%	12.38%	14.73%	26.72%	33.99%	5.70%
Emergency Vehicle Operations	17.49%	46.17%	20.04%	10.81%	3.93%	0.39%
Fire Apparatus Driver / Operator	4.52%	20.24%	23.77%	26.33%	19.25%	3.93%
Fire Investigator	0.20%	0.00%	0.00%	1.77%	33.60%	55.60%
Fire Officer	0.20%	1.18%	3.54%	18.27%	50.10%	23.58%
Fire Prevention Inspector	0.39%	0.20%	0.59%	1.77%	31.24%	56.39%
Firefighter Level I	14.34%	36.54%	21.02%	15.91%	11.00%	0.39%
Firefighter Level II	7.27%	27.50%	21.22%	21.81%	19.25%	1.57%
HAZMAT Awareness	19.45%	35.76%	18.27%	14.93%	10.02%	0.79%
HAZMAT Operational	9.43%	22.79%	20.04%	20.63%	19.65%	5.89%
HAZMAT Specialist	0.39%	0.00%	0.79%	2.75%	29.27%	58.15%
HAZMAT Technician	0.20%	0.00%	0.79%	3.54%	32.61%	54.81%
Public Fire & Life Safety Educator	0.00%	0.20%	0.20%	2.36%	32.61%	56.78%

Regional Technical Rescue Response

Eighty-seven percent of responding fire departments reported that they do not participate in a regional technical rescue response team. The departments that currently participate have an average of 18 members per team.

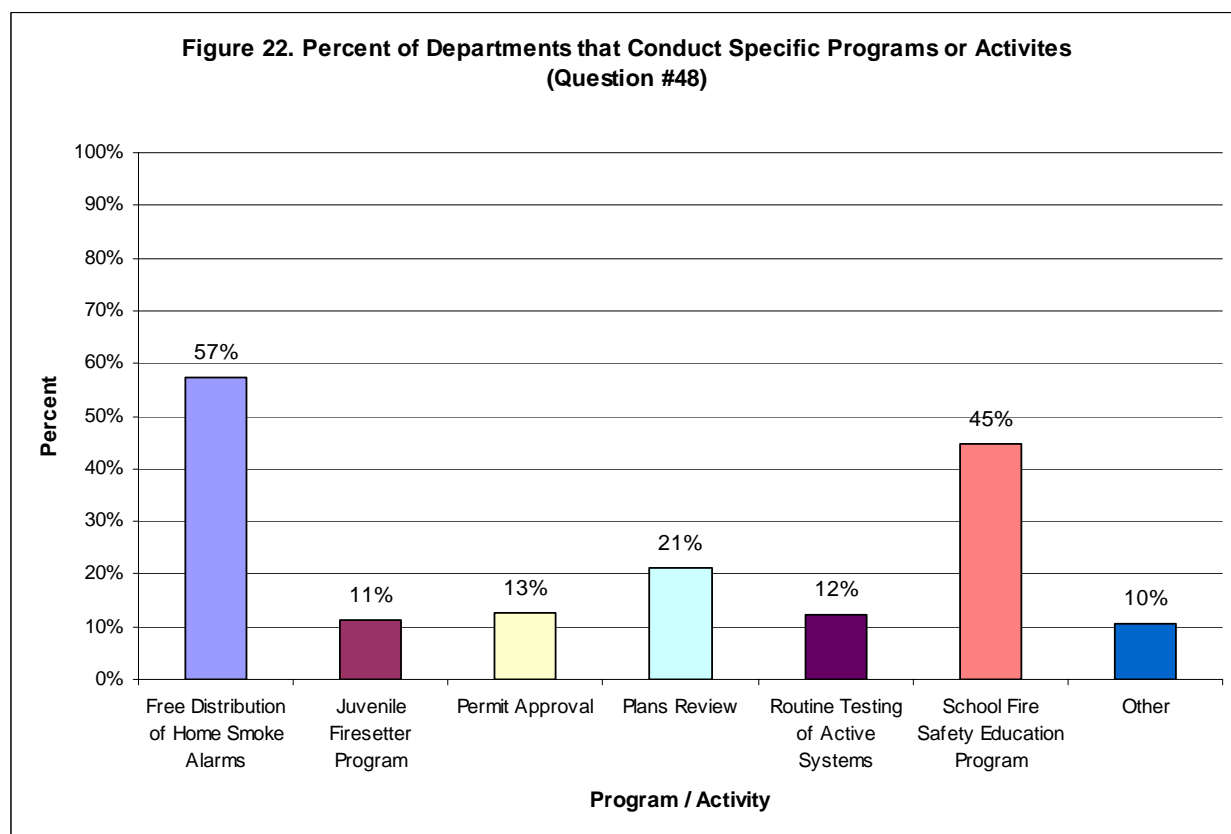
Emergency Medical Services (EMS)

Fire departments that are licensed by the Virginia Department of Health, Office of Emergency Medical Services accounted for 57 percent of the survey respondents. Since emergency medical services (EMS) incidents make up a large part of the overall calls, fire service departments would benefit from being licensed as an EMS agency.

Survey Section VIII - Fire Prevention & Code Enforcement

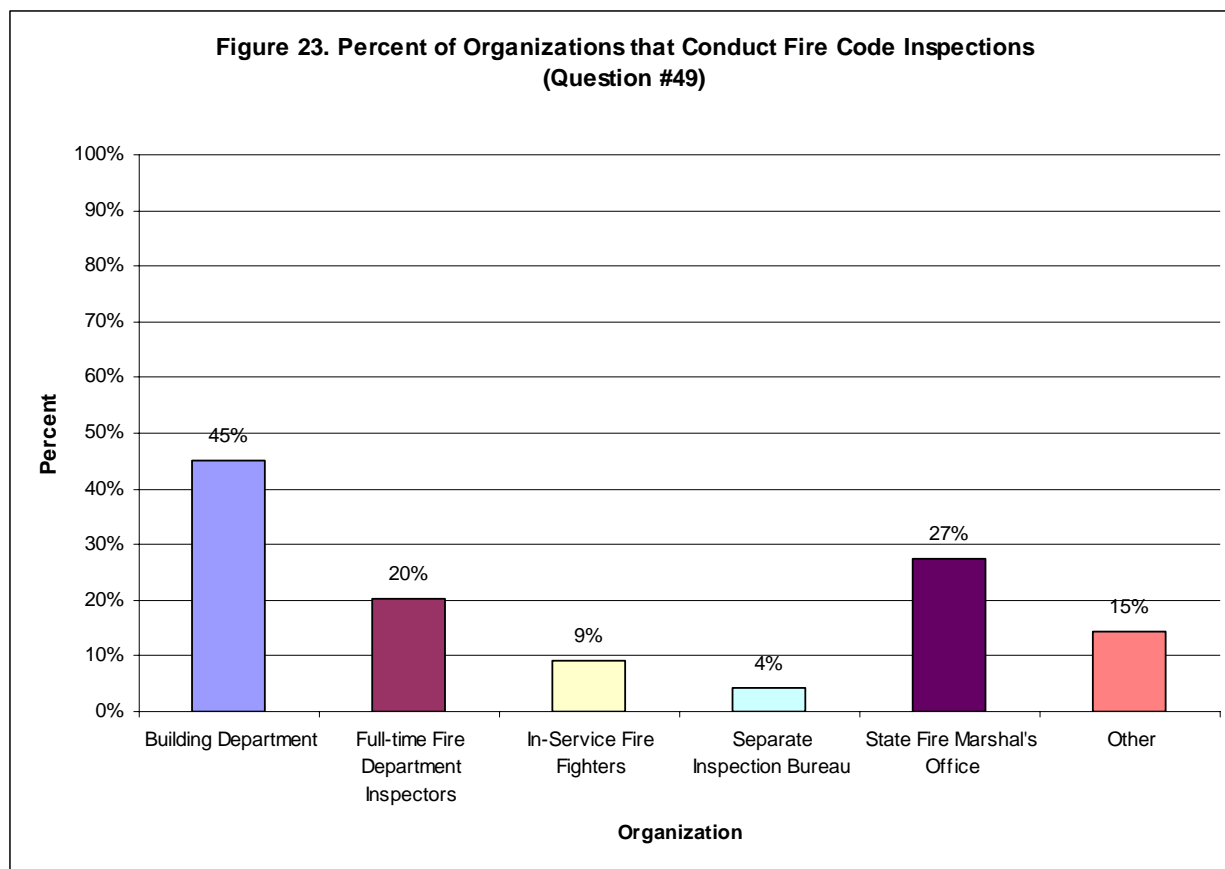
Programs / Activities

Fire departments provide services to the public concerning prevention activities that can help preclude the occurrence of many fire service incidents in the future. These programs are usually conducted by public fire & life safety educators and follow the NFPA 1035 guidelines. Fifty-seven percent of departments reported that they participate in the free distribution of home smoke alarms and 45 percent conducted school fire safety education programs. (See Figure 22.)



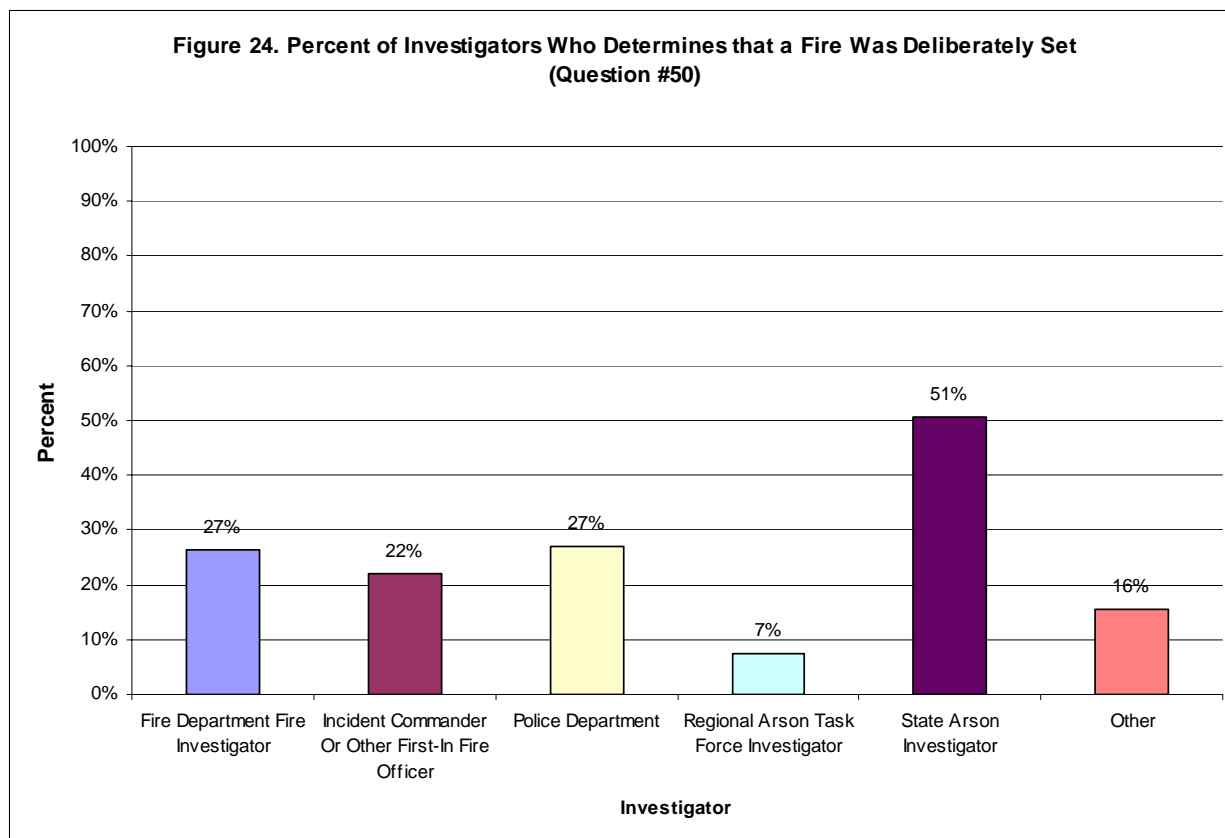
Fire Code Inspections

Fire code inspections are conducted by different organizations and the availability of resources affects the amount of code enforcement in an area. The largest number of fire departments reported that building departments (45%) handle inspections in their community. (See Figure 23.)



Fire Investigation

Several types of investigators will determine if a suspicious fire was deliberately set in an area. A little more than half of the departments reported that state arson investigators analyze fires to conclude the cause of ignition. (See Figure 24.)



Survey Section IX - Unusually Challenging Incidents

Fire departments were surveyed to find out how well they would respond to unusually challenging incidents. Hurricane producing wind and rain damage, multiple area power outages and substantial flooding, as well as, major flooding (not associated with ocean surge or hurricane) were generally within a department's scope of ability accounting for 65 percent and 53 percent, respectively. The remaining type of incidents were less likely to be within the department scope of responding; HAZMAT & EMS for an accident involving chemical/biological agents with 10 or more injuries (20%), technical rescue & EMS for a building with 50 occupants after structural collapse (15%) and wildland fire greater than 500 acres (22%). (See Table 17.)

Virginia can be divided into specific regional areas when determining if an area can respond to challenging situations. The Central Region of Virginia had an overall higher ability to handle challenging situations. More populated areas, such as the Northern Region, showed that their capability would not allow them to effectively respond and, therefore, would require added support from other local, regional, state, and national agencies.

Table 17. Ability to Handle Unusually Challenging Incidents Reported Within Department Scope By Virginia Region

Region	HAZMAT & EMS for an accident involving chemical/biological agents with 10 or more injuries	Hurricane producing wind and rain damage, multiple area power outages and substantial flooding	Major flooding (not associated with ocean surge or hurricane)	Technical Rescue & EMS for a building with 50 occupants after structural collapse	Wildland Fire greater than 500 acres
Central	6.29%	24.95%	17.09%	4.91%	7.66%
Coastal	2.95%	10.22%	7.66%	2.36%	2.36%
Mountain	3.73%	10.81%	11.79%	3.73%	5.89%
Northern	3.54%	6.88%	5.11%	1.77%	2.36%
Valley	3.54%	12.57%	11.59%	1.96%	4.13%
Total	20.04%	65.42%	53.24%	14.73%	22.40%

Survey Section X - Your Fire Department's Top Needs

Top Needs

Survey respondents were asked to rank their department's top needs from 1 to 5 in order of importance. The most important need would be ranked #1, the next important need would be ranked #2, etc. and the least important need would be #5. The five ranking categories were apparatus, equipment, facilities, personnel, and training.

Overall, in Virginia, the top need generated from the response was (#1) personnel. Thirty-seven percent of fire departments replied that personnel was their most important need at their department. The second most important need among reporting Virginia fire departments was (#2) training which was selected by 32 percent of the departments. There was no specific trend with rank data with apparatus and equipment. Facilities was ranked the least important need among fire departments. (See Table 18.)

Table 18. Top Fire Service Needs By Virginia Region

Region	#1	#2	#3	#4	#5
Central	Personnel	Training	Equipment	Apparatus	Facilities
Coastal	Personnel	Equipment	Training	Apparatus	Facilities
Mountain	Apparatus	Training	Equipment	Personnel	Facilities
Northern	Personnel	Training	Facilities	Equipment	Apparatus
Valley	Personnel	Training	Equipment	Apparatus	Facilities
Virginia	Personnel	Training	Equipment	Apparatus	Facilities

When comparing how different regions in Virginia ranked their top needs, the Mountain Region selected apparatus for their top need which may give insight into the variations among fire service in the state. The western area of Virginia has different needs than other parts of the state.

Costs

Fire departments were also surveyed concerning the estimated costs associated with each specific need for 2008. Departments selected from a range of monetary amounts and estimates were generated from the results. Overall, fire departments reported that their estimated costs for 2008 would be \$496,012,071. (See Table 19 and Table 20.)

The costs for fire departments to maintain their facilities (\$170,924,920) accounted for the highest amount of funding needed in Virginia. Personnel had the second highest costs, amounting to \$139 million. Apparatus costs ranked third and totaled \$129 million.

Table 19. Total Estimated Costs with Reporting Departments By Population Protected *

Population Protected	Apparatus Costs	Equipment Costs	Facilities Costs	Personnel Costs	Training Costs	Total
0 - 999	\$2,524,994	\$637,496	\$2,299,996	\$224,999	\$437,499	\$6,124,983
1,000 - 2,499	\$8,012,480	\$1,849,987	\$11,762,489	\$462,498	\$1,274,997	\$23,362,451
2,500 - 4,999	\$24,562,465	\$4,799,971	\$17,162,481	\$7,074,995	\$2,412,490	\$56,012,402
5,000 - 9,999	\$14,374,974	\$3,712,481	\$10,374,989	\$2,087,494	\$1,399,993	\$31,949,930
10,000 - 24,999	\$24,187,476	\$9,124,979	\$43,837,486	\$17,299,989	\$6,537,493	\$100,987,423
25,000 - 49,999	\$8,462,490	\$3,012,490	\$28,949,991	\$16,824,989	\$1,737,492	\$58,987,451
50,000 - 99,999	\$10,124,992	\$3,199,992	\$15,074,994	\$28,587,494	\$2,024,992	\$59,012,464
100,000 Or More	\$36,799,993	\$7,999,992	\$41,462,495	\$66,912,497	\$6,399,992	\$159,574,969
Total	\$129,049,863	\$34,337,387	\$170,924,920	\$139,474,954	\$22,224,947	\$496,012,071

Note: Numbers for estimated costs may not add to totals due to rounding.

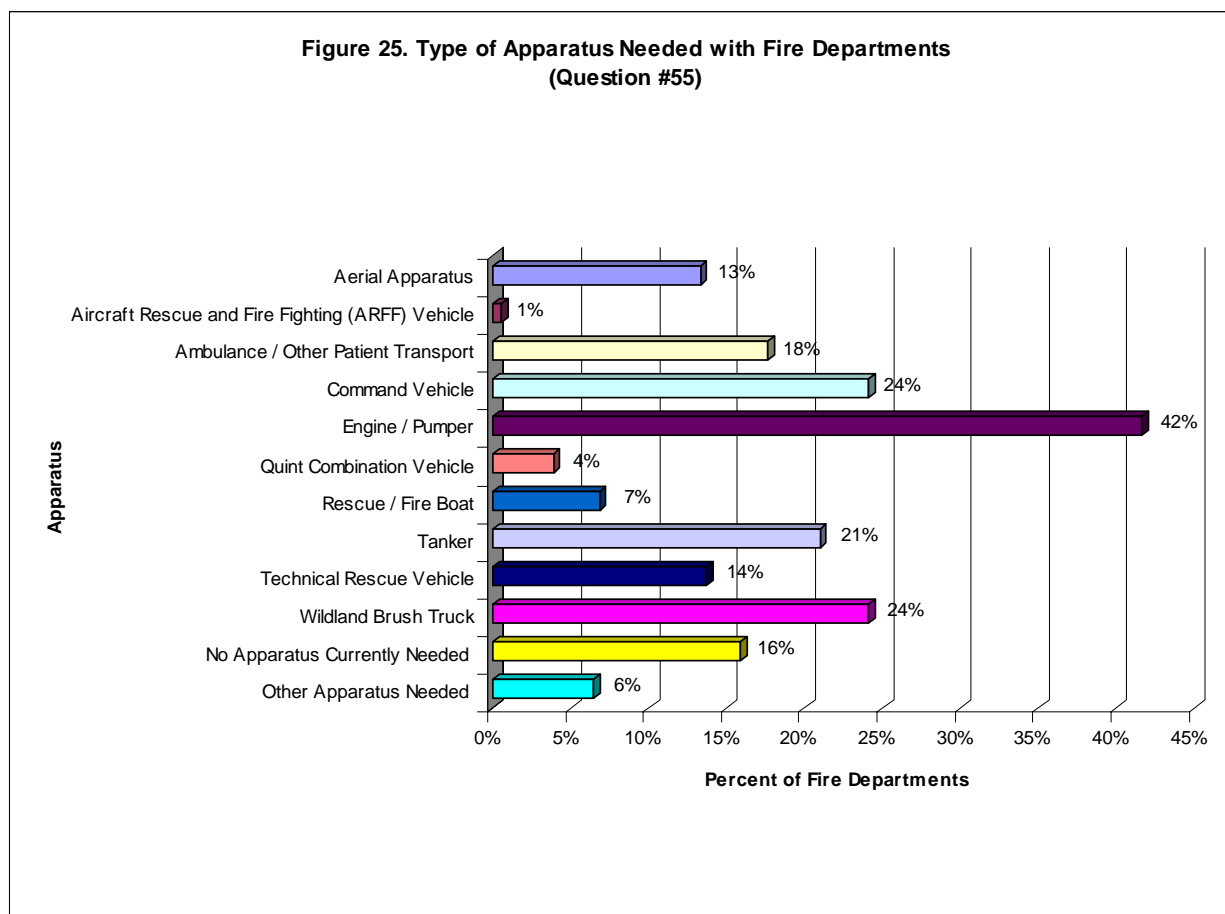
Table 20. Total Estimated Costs with Reporting Departments By Virginia Region *

VA Region	Apparatus	Equipment	Facilities	Personnel	Training	Total
Central	\$45,199,948	\$10,887,460	\$52,649,974	\$37,899,987	\$4,562,484	\$151,199,851
Coastal	\$28,037,479	\$9,199,984	\$43,687,485	\$37,762,493	\$9,674,990	\$128,362,430
Mountain	\$19,262,466	\$5,462,468	\$15,287,481	\$2,624,990	\$2,062,492	\$44,699,896
Northern	\$26,149,988	\$5,937,488	\$43,512,493	\$38,274,993	\$4,274,991	\$118,149,951
Valley	\$10,399,984	\$2,849,988	\$15,787,488	\$22,912,493	\$1,649,992	\$53,599,944
Total	\$129,049,863	\$34,337,387	\$170,924,920	\$139,474,954	\$22,224,947	\$496,012,071

Note: Numbers for estimated costs may not add to totals due to rounding.

Apparatus Needed

Apparatus are needed when fire departments dispatch to different types of situations. Forty-two percent of all responding departments noted that they require an engine/pumper. Wildland brush trucks and command vehicles were both listed as an apparatus need and each accounted for 24 percent of the response from departments. Sixteen percent of departments responded that they currently have no apparatus need. (See Figure 25.)



A table containing additional data on the apparatus needed can be found under Supplemental Table 4 at the end of this section.

Equipment Needed

Fire service personnel rely on adequate equipment to perform their duties as a firefighter. Departments showed their largest equipment need was for thermal imaging cameras (53%), radios (49%), and personal protective equipment (47%). Map Coordinate System - GPS was

selected by 35 percent of departments. Only six percent of fire departments reported that they have no equipment currently needed. (See Figure 26.)

Please see Supplemental Table 5 for more detailed information on the type of equipment needed.

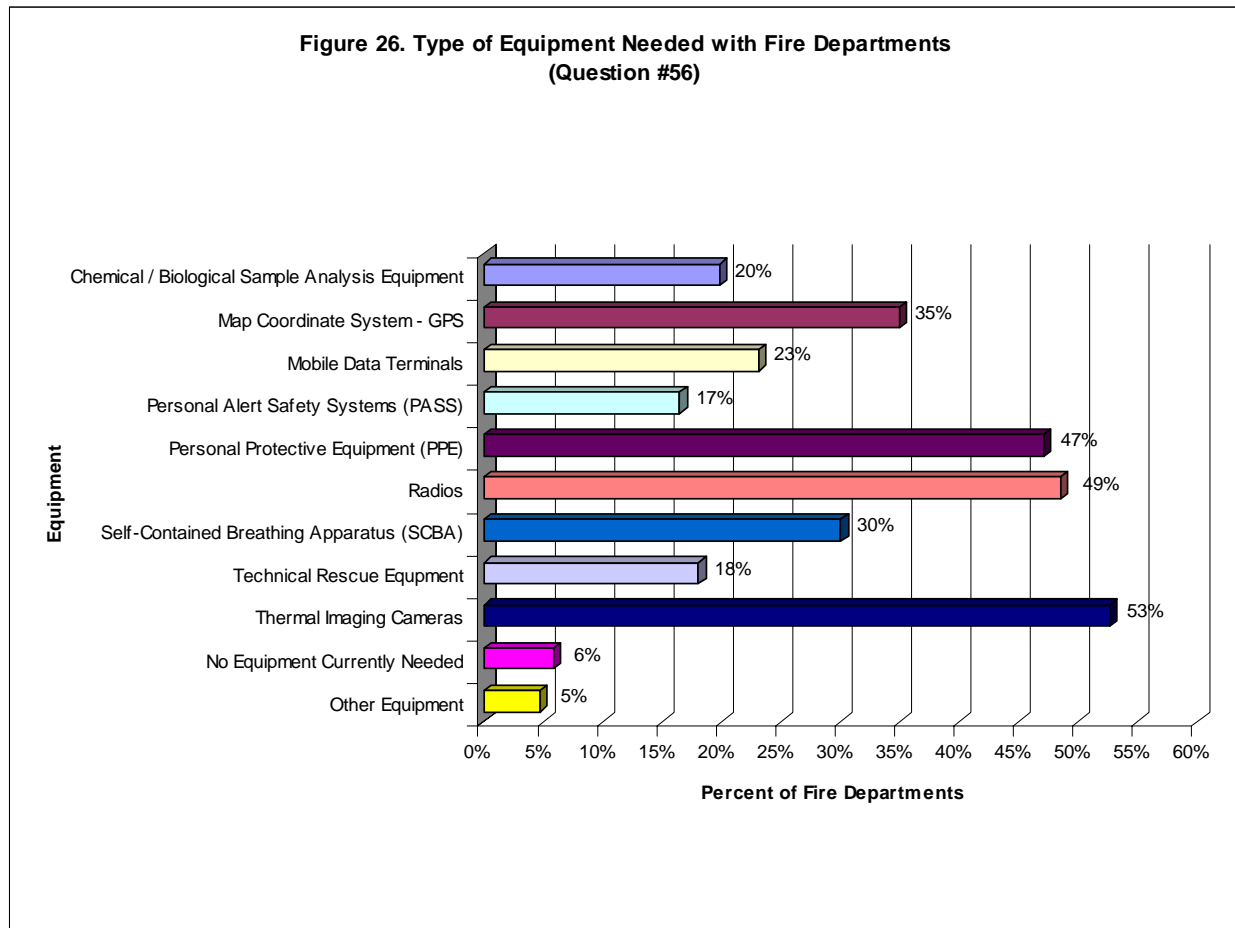


Table 21. Number of Apparatus Needed Reported By Fire Departments By Virginia Region *

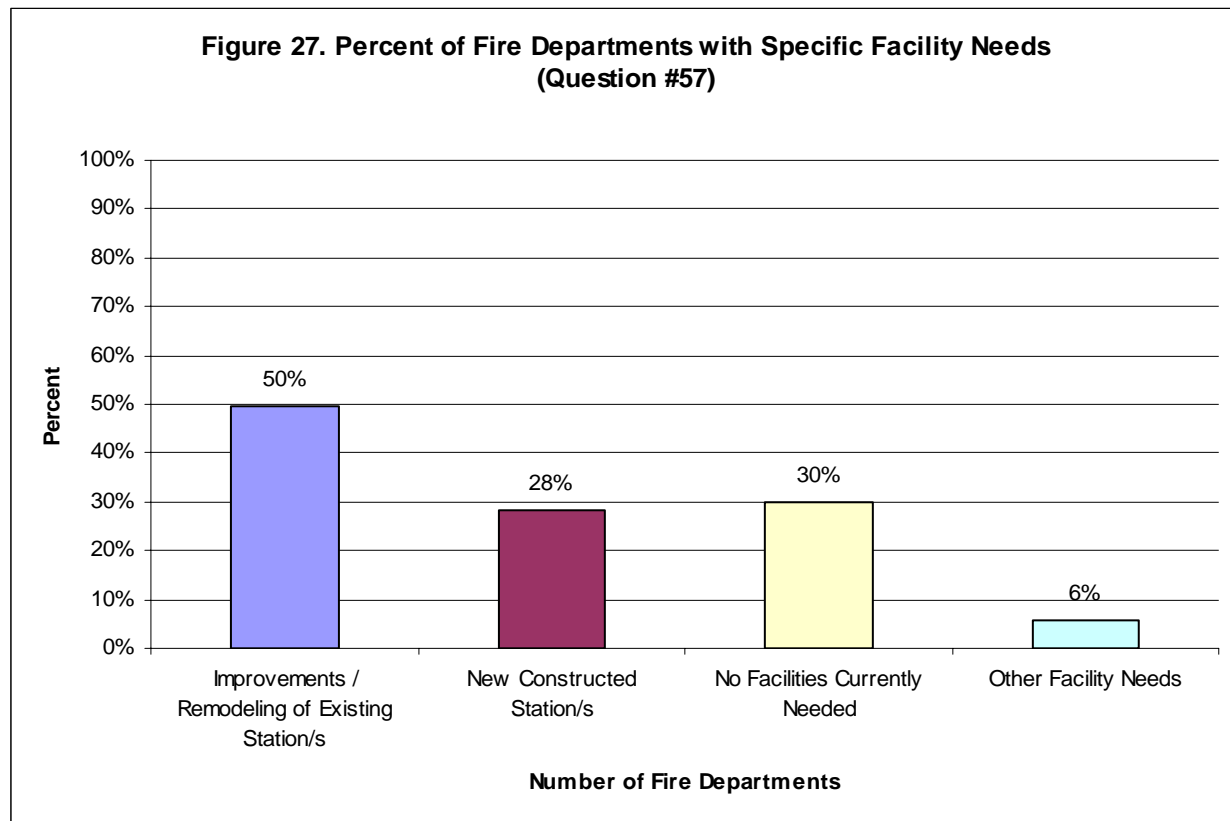
Region	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Vehicle	Engine / Pumper	Quint Combination Vehicle	Rescue / Fire Boat	Tanker	Technical Rescue Vehicle	Wildland Brush Truck	Other Apparatus
Central	24	0	32	40	74	4	8	27	18	52	4
Coastal	10	1	26	12	41	5	9	14	11	11	3
Mountain	12	0	6	31	43	5	10	39	13	32	10
Northern	7	0	38	15	21	0	2	4	8	2	7
Valley	3	0	8	7	19	2	1	7	4	9	7
Grand Total	56	1	110	105	198	16	30	91	54	106	31

Table 22. Number of Equipment Needed Reported By Fire Departments By Virginia Region *

Region	Chemical / Biological Analysis Equipment	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Safety Systems (PASS)	Personal Protective Equipment (PPE)	Radios	Self-Contained Breathing Apparatus (SCBA)	Technical Rescue Equipment	Thermal Imaging Cameras	Other Equipment
Central	71	192	190	211	1,494	876	737	47	138	4
Coastal	10	81	160	156	622	773	502	31	97	1
Mountain	36	124	104	289	712	727	498	61	76	7
Northern	48	75	238	130	1,578	154	109	18	46	1
Valley	15	72	73	106	295	304	178	28	42	4
Grand Total	180	544	765	892	4,701	2,834	2,024	185	399	17

Facilities Needed

Facilities was the least reported top need. Half of the departments responded that they needed improvements /remodeling to the existing stations. Thirty percent of departments showed no current need with their facilities. (See Figure 27.)



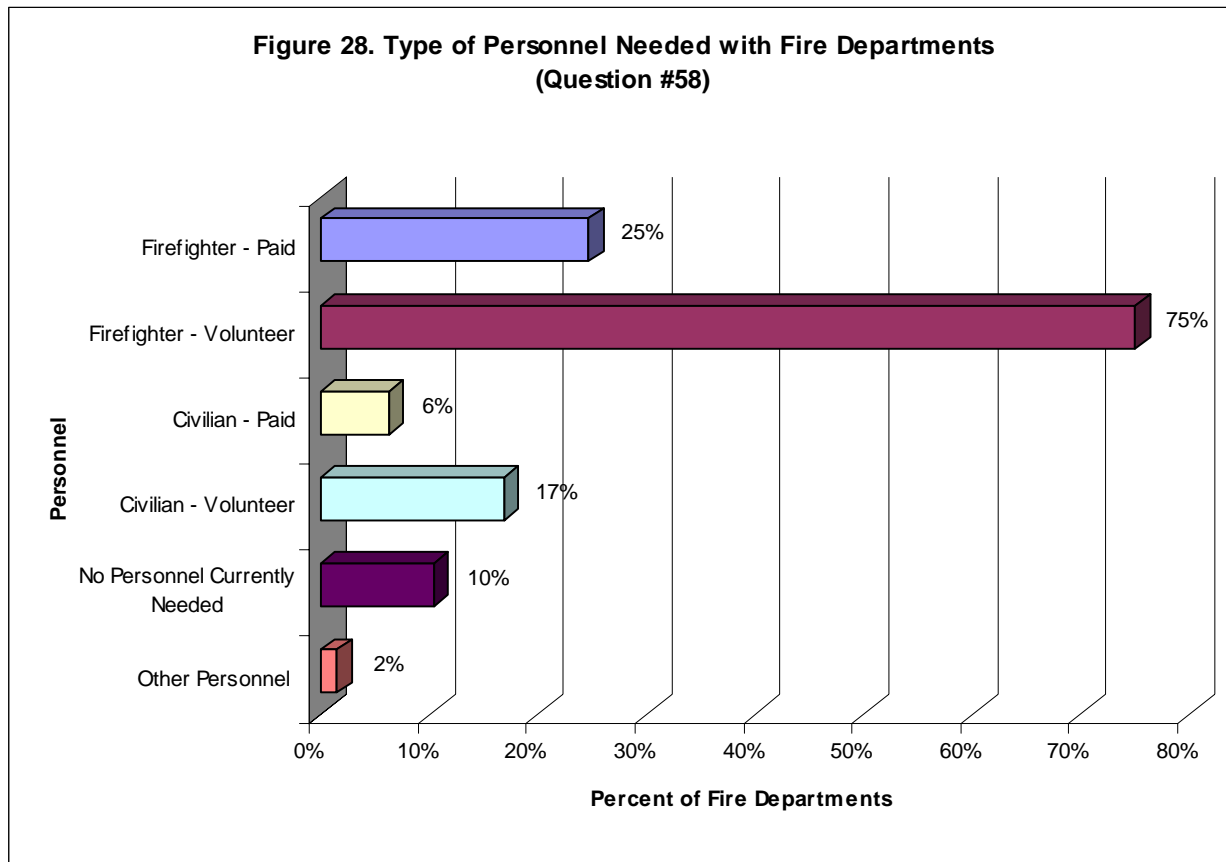
Personnel Needed

Personnel was the overall (#1) top need in the state for fire departments. Three-fourths of all departments responded that they need volunteer firefighters and one-fourth showed a need for paid firefighters. Ten percent of departments reported that they have no personnel currently needed. (See Figure 28.)

An additional table on personnel needed by locality is located in the end of this section under Supplemental Table 6.

Table 23. Number of Personnel Needed Reported By Fire Departments By Virginia Region *

Region	Firefighter - Paid	Firefighter - Volunteer	Civilian - Paid	Civilian - Volunteer	Other Personnel
Central	616	1,716	31	205	28
Coastal	215	492	31	34	0
Mountain	65	595	20	147	10
Northern	443	619	82	31	0
Valley	214	405	18	74	0
Grand Total	1,553	3,827	182	491	38



Training Needed

Training is essential in keeping firefighters prepared for an emergency crisis. Eighty-three percent of fire departments requested the need for fire fighter training. Fire apparatus driver / operator training accounted for 69 percent of the survey response and emergency vehicle operations made up 68 percent of needed training. Since fire service personnel have to be trained in many different areas, an added supply of training resources would help support the need in the state. (See Figure 29.)

Figure 29. Percent of Fire Departments Requesting Specific Training Needs
(Question #59)

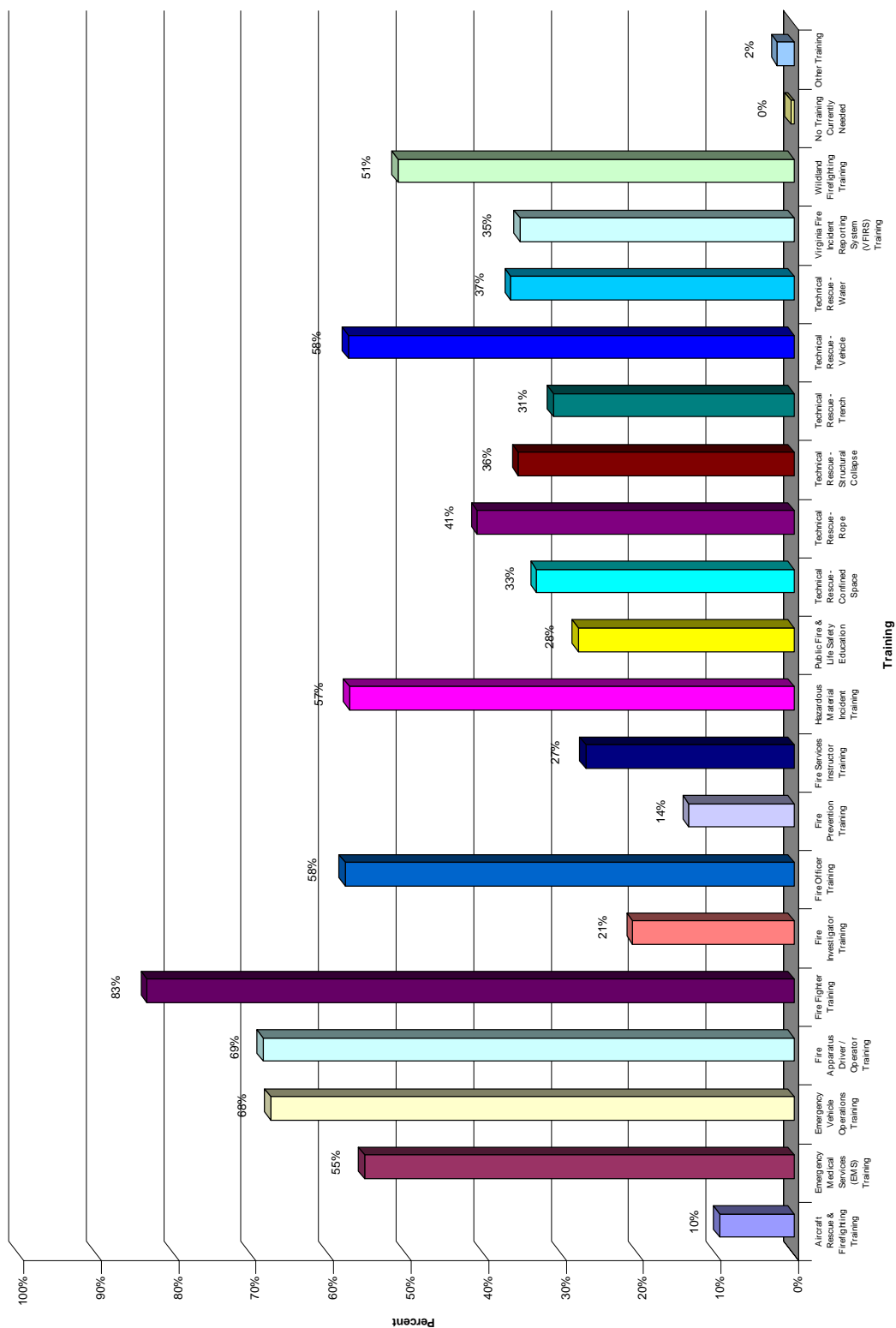


Table 24. Percent of Fire Departments Requesting Specific Training Needs By Virginia Region

Training	Central	Coastal	Mountain	Northern	Valley	Grand Total
Aircraft Rescue & Firefighting Training	3.14%	1.38%	1.18%	2.36%	1.57%	9.63%
Emergency Medical Services (EMS) Training	19.45%	7.47%	6.48%	9.23%	12.77%	55.40%
Emergency Vehicle Operations Training	24.36%	8.64%	12.77%	8.64%	13.16%	67.58%
Fire Apparatus Driver / Operator Training	25.15%	7.86%	12.57%	8.84%	14.15%	68.57%
Fire Fighter Training	28.49%	10.02%	19.84%	9.04%	16.11%	83.50%
Fire Investigator Training	7.86%	2.16%	4.52%	2.75%	3.54%	20.83%
Fire Officer Training	20.04%	6.68%	10.61%	8.45%	12.18%	57.96%
Fire Prevention Training	4.52%	1.77%	3.54%	1.77%	1.96%	13.56%
Fire Services Instructor Training	9.04%	3.34%	4.13%	5.50%	4.91%	26.92%
Hazardous Material Incident Training	19.84%	6.48%	13.56%	7.47%	10.02%	57.37%
Public Fire & Life Safety Education	8.84%	2.55%	8.45%	3.14%	4.91%	27.90%
Technical Rescue - Confined Space	9.82%	3.93%	7.86%	5.30%	6.29%	33.20%
Technical Rescue - Rope	12.38%	4.32%	7.86%	7.07%	9.23%	40.86%
Technical Rescue - Structural Collapse	11.00%	4.52%	7.86%	5.30%	6.88%	35.56%
Technical Rescue - Trench	10.02%	3.54%	6.09%	5.89%	5.50%	31.04%
Technical Rescue - Vehicle	19.65%	7.07%	12.38%	7.66%	10.81%	57.56%
Technical Rescue - Water	11.20%	4.72%	8.64%	5.11%	6.88%	36.54%
Virginia Fire Incident Reporting System (VFIRS) Training	13.75%	3.73%	7.86%	4.72%	5.30%	35.36%
Wildland Firefighting Training	19.84%	5.30%	11.39%	5.11%	9.43%	51.08%
No Training Currently Needed	0.00%	0.20%	0.00%	0.00%	0.20%	0.39%
Other Training	0.59%	0.39%	0.59%	0.39%	0.20%	2.16%

Technical Notes

Unknown includes both 'Don't Know' and 'blank' responses for a survey question. Percentages may not add to totals due to rounding.

* Data denoted with an asterisk in this section was compiled from adjusted survey data to account for possible duplicate responses received from localities that reported for all career and volunteer personnel and for volunteer departments that also responded in their locality.

Supplemental Table 1. Fire Department Personnel Data Reported By Locality *

FIPS	County/City	Career Firefighters	Volunteer Firefighters	Paid-per-call Firefighters	Average Firefighters on Duty Available	Civilian Personnel - Paid	Civilian Personnel - Volunteer
001	Accomack County	30	792	0	40.0	2	20
003	Albemarle County	75	650	0	150.0	4	100
005	Alleghany County	3	215	0	12.8	0	0
007	Amelia County	0	44	0	10.5	0	0
009	Amherst County	14	75	0	9.5	1	35
011	Appomattox County	0	65	0	19.5	0	0
013	Arlington County	308	0	0	73.0	13	0
015	Augusta County	43	800	0	2.0	1	0
017	Bath County	0	22	0	22.0	0	12
019	Bedford County	12	725	22	300.0	2	0
021	Bland County	0	73	0	7.0	0	17
023	Botetourt County	14	183	0	10.6	0	55
025	Brunswick County	0	172	0	9.4	0	56
027	Buchanan County	1	159	0	10.3	0	18
029	Buckingham County	0	106	0	7.8	0	30
031	Campbell County	3	287	0	16.6	4	93
033	Caroline County	37	60	0	6.0	4	3
035	Carroll County	0	67	0	15.0	0	7
036	Charles City County	0	18	0	5.0	0	0
037	Charlotte County	0	175	0	11.0	0	28
041	Chesterfield County	411	0	176	107.0	48	2
043	Clarke County	1	146	0	12.0	0	64
045	Craig County	0	83	0	10.2	0	32
047	Culpeper County	0	179	0	10.2	0	75
049	Cumberland County	0	60	0	10.5	0	32
051	Dickenson County	0	87	0	17.5	0	5
053	Dinwiddie County	2	200	0	0.0	2	0
057	Essex County	0	60	0	20.0	1	0
059	Fairfax County	1,395	313	0	335.0	361	251
061	Fauquier County	33	300	0	5.0	4	0
063	Floyd County	0	57	0	8.7	0	20
065	Fluvanna County	0	100	0	0.0	0	0
067	Franklin County	23	178	0	8.0	0	0
069	Frederick County	77	187	15	25.0	8	0
071	Giles County	0	183	0	12.6	0	26
073	Gloucester County	0	175	0	14.5	0	137
075	Goochland County	4	225	0	10.0	4	33
077	Grayson County	0	103	0	11.5	0	48
079	Greene County	0	26	0	4.0	0	4
083	Halifax County	8	382	0	14.1	0	103
085	Hanover County	145	352	0	50.0	10	2
087	Henrico County	520	14	0	160.0	20	0
089	Henry County	9	218	0	13.4	0	32
091	Highland County	0	48	0	8.5	0	18
093	Isle of Wight County	6	300	0	35.0	1	0
095	James City County	95	10	0	28.0	7	2
097	King and Queen County	2	112	0	7.8	0	11
099	King George County	25	70	10	8.0	35	100
101	King William County	0	82	0	17.5	0	0
103	Lancaster County	0	127	0	37.3	0	1
105	Lee County	0	130	0	12.8	0	40
107	Loudoun County	338	844	0	105.0	68	213
109	Louisa County	12	129	0	5.0	2	56
111	Lunenburg County	0	90	0	16.0	0	20
113	Madison County	0	30	0	12.0	0	2
115	Mathews County	0	95	0	15.0	0	0
117	Mecklenburg County	34	150	0	13.7	2	33
119	Middlesex County	0	120	0	13.5	0	15
121	Montgomery County	3	160	0	24.6	0	26
125	Nelson County	21	183	7	8.4	0	96
127	New Kent County	17	60	27	7.0	5	37

Supplemental Table 1. Fire Department Personnel Data Reported By Locality *

FIPS	County/City	Career Firefighters	Volunteer Firefighters	Paid-per-call Firefighters	Average Firefighters on Duty Available	Civilian Personnel - Paid	Civilian Personnel - Volunteer
131	Northampton County	0	106	0	8.4	0	68
133	Northumberland County	0	102	0	13.5	0	0
135	Nottoway County	0	116	0	22.0	0	14
137	Orange County	30	127	0	8.0	2	42
139	Page County	3	119	5	11.3	3	16
141	Patrick County	0	200	0	8.0	0	6
143	Pittsylvania County	0	478	0	9.9	5	150
145	Powhatan County	0	125	0	15.0	1	0
147	Prince Edward County	0	189	0	17.0	0	30
149	Prince George County	11	250	0	3.0	2	0
153	Prince William County	489	569	0	38.3	55	58
155	Pulaski County	13	185	24	14.1	0	19
157	Rappahannock County	0	112	0	7.0	0	39
159	Richmond County	0	45	0	25.0	0	45
161	Roanoke County	132	120	0	51.0	8	0
163	Rockbridge County	0	164	0	7.3	0	56
165	Rockingham County	65	350	29	2.0	0	0
167	Russell County	0	173	0	9.3	0	36
169	Scott County	0	94	0	19.8	0	0
171	Shenandoah County	33	350	10	30.0	1	1
173	Smyth County	2	179	3	16.0	0	7
175	Southampton County	1	166	0	10.2	0	18
177	Spotsylvania County	103	267	0	48.0	8	0
179	Stafford County	82	300	0	35.0	7	7
181	Surry County	0	84	0	8.0	0	24
183	Sussex County	0	148	0	12.6	0	1
185	Tazewell County	3	160	27	13.7	0	41
187	Warren County	20	125	0	30.0	1	0
191	Washington County	12	218	0	13.3	0	44
193	Westmoreland County	1	119	0	7.8	0	65
195	Wise County	1	120	63	13.3	30	49
197	Wythe County	7	104	25	14.2	0	10
199	York County	132	11	0	49.0	6	13
510	Alexandria	141	10	0	36.0	143	25
515	Bedford	0	40	0	10.0	0	0
520	Bristol	45	0	0	9.0	2	0
530	Buena Vista	0	62	0	25.0	0	0
540	Charlottesville	87	30	0	19.0	3	0
550	Chesapeake	418	0	0	95.0	14	4
570	Colonial Heights	43	18	6	12.0	3	1
580	Covington	0	66	0	17.0	1	0
590	Danville	122	0	0	30.0	1	0
595	Emporia	0	44	0	44.0	0	0
600	Fairfax	69	40	0	20.0	9	10
610	Falls Church	30	36	0	10.0	0	10
620	Franklin	14	83	0	7.5	1	0
630	Fredericksburg	54	10	0	12.0	3	0
640	Galax	0	38	0	15.0	0	0
650	Hampton	257	150	5	62.0	24	0
660	Harrisonburg	76	1	0	17.0	5	0
670	Hopewell	40	0	0	9.0	1	0
680	Lynchburg	170	0	0	55.0	16	0
683	Manassas	7	0	0	4.0	0	0
685	Manassas Park	28	0	0	5.0	1	0
690	Martinsville	29	18	12	10.0	2	9
700	Newport News	350	0	0	86.0	22	0
710	Norfolk	506	0	0	114.0	14	0
720	Norton	0	0	35	20.0	0	0
730	Petersburg	80	0	0	19.0	17	0
735	Poquoson	36	20	0	9.0	0	0
740	Portsmouth	226	0	0	50.0	12	0

Supplemental Table 1. Fire Department Personnel Data Reported By Locality *

FIPS	County/City	Career Firefighters	Volunteer Firefighters	Paid-per-call Firefighters	Average Firefighters on Duty Available	Civilian Personnel - Paid	Civilian Personnel - Volunteer
750	Radford	10	22	0	15.0	0	0
760	Richmond	415	0	0	101.0	12	0
770	Roanoke	266	0	0	67.0	7	0
775	Salem	65	0	0	20.0	2	0
790	Staunton	31	8	15	9.0	0	0
800	Suffolk	195	203	0	16.2	4	17
810	Virginia Beach	440	25	0	110.0	35	0
820	Waynesboro	31	15	0	10.0	1	0
830	Williamsburg	36	20	12	12.0	1	1
840	Winchester	53	40	0	15.0	3	20
Grand Total		9,231	18,030	528	18.3	1,097	2,966

Supplemental Table 2. Number of Apparatus Owned Reported By Fire Departments By Locality *

FIPS	County/City	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Vehicle	Engine / Pumper	Quint Combination Vehicle	Rescue / Fire Boat	Tanker	Technical Rescue Vehicle	Wildland Brush Truck	Other Apparatus
001	Acomack County	0	0	0	0	0	0	0	0	0	0	4
003	Albemarle County	0	0	15	18	15	2	2	11	4	7	10
005	Alleghany County	1	0	5	0	14	0	1	4	2	6	11
007	Amelia County	0	0	0	0	2	0	0	2	0	2	1
009	Amherst County	1	0	0	4	6	0	0	3	1	3	2
011	Appomattox County	0	0	1	1	6	1	0	2	1	3	2
013	Arlington County	4	0	11	1	15	0	0	0	1	0	2
015	Augusta County	0	0	0	3	3	1	0	1	1	0	4
017	Bath County	0	0	0	0	4	1	0	0	1	2	0
019	Bedford County	1	0	0	4	0	0	0	0	2	0	0
021	Bland County	0	0	0	1	6	0	0	6	0	5	3
023	Botetourt County	0	0	7	6	11	4	2	6	2	9	8
025	Brunswick County	0	0	1	0	15	3	1	9	1	4	6
027	Buchanan County	1	0	4	0	16	1	2	10	3	2	3
029	Buckingham County	0	0	0	0	6	0	0	4	4	8	1
031	Campbell County	3	0	0	10	19	1	1	10	4	10	5
033	Caroline County	1	0	0	1	3	0	0	1	1	2	2
035	Carroll County	1	0	0	3	8	0	0	4	1	4	1
036	Charles City County	0	0	1	1	6	0	0	1	1	2	3
037	Charlotte County	0	0	0	1	10	0	0	7	0	6	5
041	Chesterfield County	6	1	15	1	31	0	6	3	2	10	0
043	Clarke County	1	0	7	2	6	0	3	3	1	4	3
045	Craig County	0	0	2	1	9	0	0	3	0	4	0
047	Culpeper County	0	0	8	5	9	0	5	5	2	5	6
049	Cumberland County	0	0	0	1	4	0	0	3	1	3	1
051	Dickenson County	0	0	0	0	8	0	0	4	2	3	3
053	Dinwiddie County	1	0	5	2	6	0	0	5	2	4	14
057	Essex County	0	0	0	1	3	0	0	2	1	4	1
059	Fairfax County	14	1	41	20	56	0	2	4	14	8	25
061	Fauquier County	0	0	0	6	0	0	0	0	0	0	3
063	Floyd County	0	0	0	3	6	0	0	3	0	5	1
065	Fluvanna County	0	0	0	1	4	0	0	4	1	4	5
067	Franklin County	0	0	19	7	14	2	2	13	10	7	12
069	Frederick County	1	0	0	0	1	0	0	0	0	0	16
071	Giles County	0	0	1	4	15	0	0	4	0	7	5
073	Gloucester County	1	0	9	1	11	0	3	1	2	5	3
075	Goochland County	1	0	10	5	9	0	3	6	6	7	9
077	Grayson County	0	0	5	0	6	0	1	5	4	6	2
079	Greene County	0	0	0	1	2	0	0	0	0	1	14
083	Halifax County	1	0	10	4	19	1	0	8	3	13	7
085	Hanover County	3	0	19	10	19	0	2	8	1	15	11
087	Henrico County	6	0	12	1	20	0	2	5	6	4	0

Supplemental Table 2. Number of Apparatus Owned Reported By Fire Departments By Locality *

FIPS	County/City	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Vehicle	Engine / Pumper	Quint Combination Vehicle	Rescue / Fire Boat	Tanker	Technical Rescue Vehicle	Wildland Brush Truck	Other Apparatus
089	Henry County	1	0	0	5	18	1	0	8	3	8	12
091	Highland County	0	0	0	0	4	2	0	3	2	5	1
093	Isle of Wight County	2	0	8	4	13	1	5	5	0	5	0
095	James City County	2	0	7	6	5	1	2	1	1	2	2
097	King and Queen County	0	0	0	1	7	0	0	5	1	5	0
099	King George County	1	0	6	4	6	0	3	2	1	3	2
101	King William County	1	0	6	0	4	1	2	3	1	3	1
103	Lancaster County	1	0	0	0	7	0	0	6	0	3	2
105	Lee County	1	0	0	1	10	0	0	5	1	5	1
107	Loudoun County	4	0	36	12	35	3	5	12	6	15	33
109	Louisa County	2	0	4	6	10	1	1	4	0	8	8
111	Lunenburg County	0	0	3	2	5	0	0	4	3	2	1
113	Madison County	0	0	0	1	2	0	0	1	0	2	1
115	Mathews County	0	0	0	0	7	0	0	0	1	1	0
117	Mecklenburg County	2	0	0	4	16	0	0	8	2	6	21
119	Middlesex County	1	0	0	1	9	2	0	6	2	3	1
121	Montgomery County	3	0	2	12	17	2	5	7	1	13	9
125	Nelson County	0	0	5	2	15	1	0	9	3	11	5
127	New Kent County	0	0	8	2	5	1	2	1	2	4	4
131	Northampton County	2	0	3	2	7	0	0	8	0	3	0
133	Northumberland County	0	0	0	2	4	0	0	4	0	4	1
135	Nottoway County	1	0	1	1	8	0	0	4	3	3	5
137	Orange County	1	0	9	6	10	0	1	4	2	6	2
139	Page County	1	0	0	3	9	0	1	5	2	3	4
141	Patrick County	1	0	0	0	18	0	1	9	0	10	0
143	Pittsylvania County	1	0	17	3	28	0	1	20	2	15	7
145	Powhatan County	0	0	0	1	6	0	0	5	1	4	9
147	Prince Edward County	2	0	0	2	12	1	0	8	0	6	5
149	Prince George County	2	0	5	5	10	1	1	4	1	11	8
153	Prince William County	4	0	30	19	24	1	4	3	3	8	18
155	Pulaski County	1	0	0	7	17	1	1	6	3	10	8
157	Rappahannock County	0	0	5	0	5	0	0	3	0	6	5
159	Richmond County	0	0	0	0	4	0	0	3	0	1	0
161	Roanoke County	4	0	24	13	17	0	0	7	1	9	17
163	Rockbridge County	1	0	0	1	12	0	2	6	0	7	8
165	Rockingham County	0	0	0	1	1	0	2	0	1	0	1
167	Russell County	0	0	3	4	14	0	1	10	1	7	6
169	Scott County	0	0	0	1	9	0	0	3	0	4	5
171	Shenandoah County	3	0	12	5	23	0	3	3	0	8	15
173	Smyth County	0	0	3	3	19	3	4	7	2	8	3
175	Southampton County	0	0	4	1	12	0	0	3	2	2	1
177	Spotsylvania County	2	0	26	12	18	0	2	5	3	8	10

Supplemental Table 2. Number of Apparatus Owned Reported By Fire Departments By Locality *

FIPS	County/City	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Vehicle	Engine / Pumper	Quint Combination Vehicle	Rescue / Fire Boat	Tanker	Technical Rescue Vehicle	Wildland Brush Truck	Other Apparatus
179	Stafford County	4	0	20	1	18	1	3	5	3	11	9
181	Surry County	0	0	0	1	9	0	0	4	0	4	3
183	Sussex County	1	0	1	1	11	0	0	4	2	7	2
185	Tazewell County	1	0	4	4	19	0	1	10	1	4	9
187	Warren County	2	0	12	1	11	1	4	8	0	10	0
191	Washington County	1	0	4	5	17	1	1	8	2	9	8
193	Westmoreland County	0	0	0	0	8	1	3	6	0	4	8
195	Wise County	1	0	3	5	16	0	1	2	4	2	4
197	Wythe County	1	0	0	0	10	0	0	7	0	7	3
199	York County	1	0	9	1	8	1	1	1	1	2	38
510	Alexandria	4	0	7	6	10	0	3	0	1	0	5
515	Bedford	1	0	0	1	3	0	0	1	1	2	0
520	Bristol	1	0	0	1	2	1	0	0	0	0	4
530	Buena Vista	0	0	0	1	3	1	1	1	1	1	3
540	Charlottesville	2	0	0	4	7	0	0	0	0	0	0
550	Chesapeake	5	0	14	1	21	0	1	0	1	4	2
570	Colonial Heights	1	0	5	4	4	1	1	0	1	1	4
580	Covington	0	0	0	3	4	1	0	0	0	0	3
590	Danville	3	1	0	1	9	0	0	1	0	1	5
595	Emporia	1	0	0	1	3	0	1	1	1	1	1
600	Fairfax	1	0	4	2	4	0	1	0	1	0	1
610	Falls Church	1	0	3	0	2	0	0	0	0	0	3
620	Franklin	1	0	0	3	5	0	2	1	1	2	5
630	Fredericksburg	1	0	1	1	4	1	0	0	1	0	0
640	Galax	1	0	1	1	3	1	2	1	1	2	0
650	Hampton	3	0	16	1	18	1	4	0	0	1	4
660	Harrisonburg	3	0	0	0	7	0	0	0	1	1	0
670	Hopewell	1	0	2	1	4	0	1	0	0	0	2
680	Lynchburg	3	0	9	2	11	0	2	1	2	1	1
683	Manassas	1	0	0	2	4	0	0	0	0	0	1
685	Manassas Park	0	0	2	2	2	1	0	0	0	0	2
690	Martinsville	0	0	2	1	3	1	0	0	1	0	3
700	Newport News	0	0	15	4	13	8	5	0	4	2	0
710	Norfolk	9	0	20	8	18	1	2	0	1	1	3
720	Norton	1	0	0	1	2	0	0	0	1	1	2
730	Petersburg	1	0	2	2	5	1	1	0	1	1	1
735	Poquoson	1	0	4	1	3	0	2	0	0	1	0
740	Portsmouth	3	0	8	2	12	2	2	0	0	1	0
750	Radford	1	0	0	1	3	0	3	0	0	1	5
760	Richmond	0	0	0	6	20	20	3	3	1	3	5
770	Roanoke	2	0	13	3	11	3	0	0	1	0	1
775	Salem	1	0	4	3	5	0	0	0	0	0	1

Supplemental Table 2. Number of Apparatus Owned Reported By Fire Departments By Locality *

FIPS	County/City	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Vehicle	Engine / Pumper	Quint Combination Vehicle	Rescue / Fire Boat	Tanker	Technical Rescue Vehicle	Wildland Brush Truck	Other Apparatus
790	Staunton	1	0	0	0	3	0	0	0	1	1	3
800	Suffolk	1	0	5	6	21	2	1	5	1	4	0
810	Virginia Beach	8	0	0	1	28	0	1	4	2	5	1
820	Waynesboro	1	0	0	0	4	0	0	0	0	0	1
830	Williamsburg	1	0	3	3	3	1	1	0	1	0	0
840	Winchester	2	0	6	1	6	0	0	0	0	0	9
Grand Total		174	3	634	385	1,322	92	141	464	186	539	621

Supplemental Table 3. Number of Equipment Owned Reported By Fire Departments By Locality *

FIPS	County/City	Biological Sample Analysis Equipment	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Safety Systems (PASS)	Personal Protective Equipment (PPE)	Radios	Self-Contained Breathing Apparatus (SCBA)	Technical Rescue Equipment	Thermal Imaging Cameras	Other Equipment
001	Accomack County	0	5	0	0	30	50	4	0	0	0
003	Albemarle County	15	15	3	100	500	300	85	10	18	0
005	Alleghany County	0	10	0	75	200	201	96	10	6	0
007	Amelia County	0	1	0	27	44	21	17	5	2	0
009	Amherst County	0	2	0	49	74	335	52	0	8	0
011	Appomattox County	2	5	0	45	66	86	33	1	1	0
013	Arlington County	17	0	63	308	308	378	308	250	12	0
015	Augusta County	1	5	0	30	43	43	43	4	2	0
017	Bath County	0	1	0	4	15	20	6	1	0	1
019	Bedford County	1	2	0	12	24	12	12	1	16	0
021	Bland County	0	7	0	31	70	74	32	0	2	4
023	Botetourt County	0	7	1	143	219	203	145	13	12	0
025	Brunswick County	1	2	0	114	157	98	88	2	4	0
027	Buchanan County	0	2	0	54	117	128	74	12	1	0
029	Buckingham County	0	2	0	42	122	67	53	8	1	0
031	Campbell County	1	7	0	200	293	277	181	16	12	0
033	Caroline County	3	8	3	59	114	63	59	0	3	0
035	Carroll County	0	1	0	60	80	65	52	6	4	4
036	Charles City County	0	0	0	15	30	25	15	0	0	20
037	Charlotte County	0	3	0	58	157	131	58	3	3	0
041	Chesterfield County	10	129	154	387	600	305	387	7	42	0
043	Clarke County	1	0	0	69	134	62	69	3	3	0
045	Craig County	0	2	0	44	99	58	44	1	2	25
047	Culpeper County	0	2	0	125	191	110	116	0	3	2
049	Cumberland County	0	3	0	31	30	15	31	1	0	1
051	Dickenson County	0	3	0	64	111	78	49	3	3	0
053	Dinwiddie County	0	0	0	105	225	125	105	15	6	0
057	Essex County	0	1	0	30	60	30	30	1	2	0
059	Fairfax County	5	50	350	37	3,620	3,000	1,009	4	98	0
061	Fauquier County	0	5	0	6	45	6	6	0	0	0
063	Floyd County	2	8	2	42	57	79	45	0	3	0
065	Fluvanna County	0	2	1	30	100	38	30	1	3	0
067	Franklin County	3	12	4	140	201	150	122	0	9	0
069	Frederick County	2	0	0	40	80	150	40	0	0	0
071	Giles County	1	5	0	99	206	120	102	1	7	0
073	Gloucester County	0	2	0	56	215	85	56	13	6	0
075	Goochland County	0	10	0	90	275	125	90	0	6	0
077	Grayson County	0	3	1	39	115	50	43	13	5	0
079	Greene County	0	0	0	0	26	15	8	1	1	0
083	Halifax County	0	27	0	181	404	219	175	4	12	0
085	Hanover County	0	5	4	241	500	0	241	0	16	0
087	Henrico County	1	1	37	200	500	200	200	1	28	0
089	Henry County	0	7	2	140	269	95	140	0	8	0

Supplemental Table 3. Number of Equipment Owned Reported By Fire Departments By Locality *

FIPS	County/City	Biological Sample Analysis Equipment	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Safety Systems (PASS)	Personal Protective Equipment (PPE)	Radios	Self-Contained Breathing Apparatus (SCBA)	Technical Rescue Equipment	Thermal Imaging Cameras	Other Equipment
091	Highland County	0	0	0	12	48	48	27	0	3	0
093	Isle of Wight County	0	0	0	0	0	0	0	0	0	0
095	James City County	0	3	0	100	120	70	100	1	6	0
097	King and Queen County	0	4	0	41	110	65	55	1	3	0
099	King George County	0	5	11	50	100	40	50	4	2	0
101	King William County	1	2	0	48	78	52	48	4	3	0
103	Lancaster County	0	3	0	55	137	53	63	0	2	0
105	Lee County	0	0	0	47	104	58	61	4	4	0
107	Loudoun County	1	150	150	480	750	800	500	6	25	0
109	Louisa County	2	3	0	66	125	93	83	2	8	0
111	Lunenburg County	0	2	0	70	90	94	56	3	1	0
113	Madison County	0	0	0	19	30	24	19	0	1	0
115	Mathews County	0	0	0	32	110	30	32	0	0	0
117	Mecklenburg County	1	6	0	94	203	115	85	3	19	0
119	Middlesex County	2	4	0	59	120	872	1,559	1	4	0
121	Montgomery County	5	7	0	145	232	361	154	52	15	0
125	Nelson County	1	12	0	147	241	200	150	3	4	2
127	New Kent County	7	7	10	83	90	83	83	1	4	0
131	Northampton County	1	2	0	44	125	57	48	3	3	0
133	Northumberland County	2	4	0	50	93	55	34	0	3	0
135	Nottoway County	0	3	0	63	128	56	63	8	4	0
137	Orange County	0	11	0	196	199	87	198	8	6	0
139	Page County	0	3	0	70	130	80	70	0	3	0
141	Patrick County	0	1	0	0	0	0	0	0	0	0
143	Pittsylvania County	2	13	0	227	451	447	227	7	12	0
145	Powhatan County	0	5	0	35	140	50	35	1	6	0
147	Prince Edward County	11	2	1	82	200	110	96	1	8	1
149	Prince George County	0	5	0	125	200	100	125	1	12	0
153	Prince William County	57	34	130	1,589	2,655	647	1,589	53	24	0
155	Pulaski County	1	10	1	144	206	151	154	17	9	1
157	Rappahannock County	0	2	0	75	119	62	65	3	4	2
159	Richmond County	0	0	0	20	40	12	20	0	2	0
161	Roanoke County	0	8	5	175	250	125	175	4	11	0
163	Rockbridge County	0	9	0	53	190	143	77	1	4	0
165	Rockingham County	1	2	0	10	65	20	10	0	1	0
167	Russell County	3	4	0	67	167	139	65	8	6	0
169	Scott County	0	0	0	68	120	76	60	0	3	0
171	Shenandoah County	0	4	0	125	325	204	125	0	10	0
173	Smyth County	1	4	0	128	198	1,013	116	2	11	1
175	Southampton County	0	5	0	81	171	91	76	2	5	0
177	Spotsylvania County	0	12	14	235	400	300	235	5	12	0
179	Stafford County	0	14	97	450	450	500	150	1	14	0
181	Surry County	1	2	0	30	84	53	36	0	1	0

Supplemental Table 3. Number of Equipment Owned Reported By Fire Departments By Locality *

FIPS	County/City	Biological Sample Analysis Equipment	Chemical /	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Safety Systems (PASS)	Personal Protective Equipment (PPE)	Radios	Self-Contained Breathing Apparatus (SCBA)	Technical Rescue Equipment	Thermal Imaging Cameras	Other Equipment
183	Sussex County	2		3	0	70	148	73	73	6	2	0
185	Tazewell County	0		3	0	111	196	76	135	7	5	3
187	Warren County	0		1	0	150	150	200	150	0	4	0
191	Washington County	9		3	0	109	240	188	126	17	8	0
193	Westmoreland County	0		0	0	60	140	74	60	0	4	0
195	Wise County	1		7	0	88	169	121	89	49	6	0
197	Wythe County	0		1	0	79	134	122	79	0	4	0
199	York County	21		1	0	103	143	225	103	6	3	0
510	Alexandria	12		6	40	0	300	90	160	20	12	0
515	Bedford	0		0	2	30	40	50	30	1	2	0
520	Bristol	0		0	0	38	45	27	38	0	4	0
530	Buena Vista	1		2	0	21	52	20	21	1	1	0
540	Charlottesville	16		6	3	75	175	87	75	24	10	0
550	Chesapeake	1		1	6	150	450	500	450	15	21	50
570	Colonial Heights	1		1	16	45	80	36	45	20	4	0
580	Covington	0		0	0	29	70	40	29	0	2	0
590	Danville	1		0	0	56	122	57	56	1	3	0
595	Emporia	0		0	0	14	44	60	14	4	2	0
600	Fairfax	2		10	15	50	200	50	50	4	7	0
610	Falls Church	0		0	4	33	70	23	33	0	2	0
620	Franklin	2		5	0	43	100	63	43	8	4	0
630	Fredericksburg	1		0	7	50	50	50	50	1	3	0
640	Galax	0		0	0	28	38	50	28	0	5	0
650	Hampton	0		10	11	159	412	133	159	0	7	0
660	Harrisonburg	6		0	0	50	85	60	50	5	6	0
670	Hopewell	1		0	0	40	40	40	30	0	2	0
680	Lynchburg	2		1	20	75	200	95	75	2	8	0
683	Manassas	0		2	0	0	0	0	0	0	2	0
685	Manassas Park	0		0	8	20	35	20	20	0	1	0
690	Martinsville	3		1	1	35	50	75	36	2	2	0
700	Newport News	6		0	72	120	350	175	120	0	21	0
710	Norfolk	2		2	120	192	530	260	192	2	15	0
720	Norton	1		1	0	18	35	18	18	0	2	0
730	Petersburg	5		8	0	97	80	90	52	0	2	0
735	Poquoson	10		2	0	30	50	35	30	0	3	0
740	Portsmouth	24		0	8	128	300	150	128	0	15	0
750	Radford	1		1	0	30	33	25	30	1	2	2
760	Richmond	0		23	23	225	500	125	225	1	8	0
770	Roanoke	1		0	0	66	273	118	66	1	8	0
775	Salem	2		3	0	28	75	40	28	0	4	0
790	Staunton	1		0	8	28	54	40	28	10	3	0
800	Suffolk	1		14	0	331	406	131	109	0	7	0
810	Virginia Beach	1		0	40	388	440	200	388	0	27	0

Supplemental Table 3. Number of Equipment Owned Reported By Fire Departments By Locality *

FIPS	County/City	Chemical / Biological Sample Analysis Equipment	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Safety Systems (PASS)	Personal Protective Equipment (PPE)	Radios	Self- Contained Breathing Apparatus (SCBA)	Technical Rescue Equipment	Thermal Imaging Cameras	Other Equipment
820	Waynesboro	1	3	0	45	46	40	45	0	5	0
830	Williamsburg	0	3	0	75	75	75	60	4	3	0
840	Winchester	2	0	0	50	100	64	48	2	3	0
Grand Total		306	853	1,448	12,974	27,845	19,619	15,399	835	922	119

Supplemental Table 4. Number of Apparatus Needed Reported By Fire Departments By Locality *

FIPS	County/City	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Vehicle	Engine / Pumper	Quint Combination Vehicle	Rescue / Fire Boat	Tanker	Technical Rescue Vehicle	Wildland Brush Truck	Other Apparatus
001	Acomack County	0	0	0	0	0	0	0	0	0	0	0
003	Albemarle County	1	0	3	4	3	0	0	1	0	0	0
005	Alleghany County	1	0	0	1	1	0	0	0	0	1	1
007	Amelia County	0	0	0	1	0	0	0	0	0	1	0
009	Amherst County	3	0	0	0	2	0	0	0	1	1	0
011	Appomattox County	0	0	0	1	0	0	0	0	1	1	0
013	Arlington County	0	0	2	0	7	0	0	0	0	0	1
015	Augusta County	0	0	0	0	1	0	0	0	1	0	0
017	Bath County	0	0	0	0	0	0	0	0	0	0	0
019	Bedford County	1	0	2	0	2	0	2	1	0	4	0
021	Bland County	0	0	0	2	0	0	0	0	0	1	2
023	Botetourt County	1	0	0	1	2	0	0	0	1	3	2
025	Brunswick County	0	0	0	2	3	0	2	3	1	4	1
027	Buchanan County	1	0	0	0	6	0	0	6	4	0	1
029	Buckingham County	0	0	0	0	2	0	0	2	0	0	0
031	Campbell County	1	0	0	3	3	1	1	4	2	4	0
033	Caroline County	0	0	1	3	0	0	0	0	0	0	2
035	Carroll County	1	0	0	0	1	0	0	1	0	1	0
036	Charles City County	0	0	0	0	0	1	0	0	0	0	0
037	Charlotte County	1	0	0	5	4	1	0	0	1	3	0
041	Chesterfield County	1	0	3	0	4	0	0	0	1	2	0
043	Clarke County	0	0	0	1	2	0	0	1	1	0	0
045	Craig County	0	0	0	0	2	0	0	3	0	2	0
047	Culpeper County	0	0	4	2	1	0	0	1	0	0	1
049	Cumberland County	0	0	0	0	1	0	0	0	0	0	0
051	Dickenson County	1	0	2	2	2	1	1	1	1	3	0
053	Dinwiddie County	0	0	0	1	0	0	0	0	1	1	0
057	Essex County	1	0	0	0	1	0	0	1	0	0	0
059	Fairfax County	1	0	7	0	2	0	0	0	2	0	0
061	Fauquier County	0	0	3	1	0	0	0	0	0	0	1
063	Floyd County	0	0	0	1	1	0	0	0	0	0	0
065	Fluvanna County	0	0	0	0	1	0	0	0	0	0	0
067	Franklin County	0	0	0	1	0	0	2	1	0	2	0
069	Frederick County	0	0	0	0	0	0	0	0	0	0	0
071	Giles County	0	0	0	2	3	2	2	4	0	3	0
073	Gloucester County	1	0	2	0	1	0	0	1	0	0	0
075	Goochland County	1	0	2	2	0	0	0	0	0	0	0
077	Grayson County	0	0	0	0	2	0	0	1	0	2	0
079	Greene County	0	0	0	0	0	0	0	1	0	0	0
083	Halifax County	0	0	3	2	7	1	0	2	0	5	0
085	Hanover County	0	0	2	1	4	0	0	0	0	2	0
087	Henrico County	0	0	2	0	3	0	0	0	0	0	0

Supplemental Table 4. Number of Apparatus Needed Reported By Fire Departments By Locality *

FIPS	County/City	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Vehicle	Engine / Pumper	Quint Combination Vehicle	Rescue / Fire Boat	Tanker	Technical Rescue Vehicle	Wildland Brush Truck	Other Apparatus
089	Henry County	2	0	0	1	2	1	0	1	1	1	1
091	Highland County	0	0	0	0	0	0	0	1	0	2	0
093	Isle of Wight County	0	0	2	1	1	0	0	0	0	0	0
095	James City County	0	1	1	0	0	0	0	0	1	0	0
097	King and Queen County	0	0	0	1	0	0	0	1	0	0	0
099	King George County	0	0	2	0	0	0	0	0	1	0	0
101	King William County	0	0	3	0	1	1	0	1	0	0	0
103	Lancaster County	0	0	0	0	2	0	1	1	0	1	0
105	Lee County	0	0	0	2	1	0	0	0	2	0	0
107	Loudoun County	1	0	1	1	3	0	0	1	2	0	0
109	Louisa County	0	0	1	2	1	0	0	1	1	2	0
111	Lunenburg County	0	0	0	1	1	0	0	0	1	0	0
113	Madison County	0	0	0	0	0	0	0	0	0	1	0
115	Mathews County	0	0	0	0	1	0	0	0	0	1	0
117	Mecklenburg County	1	0	0	1	5	0	0	3	1	2	0
119	Middlesex County	1	0	0	1	1	0	1	2	2	1	0
121	Montgomery County	1	0	0	2	3	1	0	1	0	0	2
125	Nelson County	0	0	1	0	4	0	1	1	0	2	0
127	New Kent County	1	0	1	3	3	1	0	3	2	0	0
131	Northampton County	0	0	0	1	1	0	1	0	2	2	0
133	Northumberland County	0	0	0	0	1	0	1	0	0	0	0
135	Nottoway County	0	0	0	0	2	0	0	0	0	1	0
137	Orange County	4	0	4	0	1	0	0	1	0	2	0
139	Page County	1	0	0	1	1	0	0	0	0	0	0
141	Patrick County	0	0	0	0	3	0	0	3	0	0	0
143	Pittsylvania County	3	0	1	3	4	0	1	5	1	5	1
145	Powhatan County	1	0	0	0	1	0	0	0	0	1	0
147	Prince Edward County	0	0	0	2	1	0	0	0	0	1	0
149	Prince George County	0	0	0	0	0	0	0	0	0	0	0
153	Prince William County	1	0	5	3	2	0	1	0	1	0	0
155	Pulaski County	1	0	0	4	5	0	2	0	2	0	2
157	Rappahannock County	0	0	2	0	1	0	0	2	1	1	0
159	Richmond County	0	0	0	0	0	0	0	0	0	0	0
161	Roanoke County	0	0	2	2	0	0	0	0	1	0	0
163	Rockbridge County	0	0	0	0	3	0	0	1	0	0	1
165	Rockingham County	0	0	0	0	0	0	0	0	0	0	0
167	Russell County	0	0	1	2	1	0	0	7	1	4	0
169	Scott County	1	0	0	1	1	0	0	2	0	1	1
171	Shenandoah County	0	0	2	0	1	0	0	0	0	1	1
173	Smyth County	0	0	1	2	3	1	0	4	0	5	0
175	Southampton County	0	0	2	3	4	0	0	0	1	4	0
177	Spotsylvania County	0	0	3	1	2	0	0	0	1	1	1

Supplemental Table 4. Number of Apparatus Needed Reported By Fire Departments By Locality *

FIPS	County/City	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Vehicle	Engine / Pumper	Quint Combination Vehicle	Rescue / Fire Boat	Tanker	Technical Rescue Vehicle	Wildland Brush Truck	Other Apparatus
179	Stafford County	1	0	5	0	1	0	1	0	1	0	0
181	Surry County	0	0	0	0	3	0	1	2	1	1	0
183	Sussex County	0	0	0	1	1	0	0	1	0	1	0
185	Tazewell County	2	0	0	2	3	0	1	5	1	3	0
187	Warren County	0	0	0	0	0	0	0	0	0	0	0
191	Washington County	2	0	2	3	3	0	1	1	0	4	1
193	Westmoreland County	1	0	0	2	4	1	1	0	1	2	0
195	Wise County	0	0	0	2	2	0	1	1	1	0	0
197	Wythe County	1	0	0	2	3	0	0	1	0	2	0
199	York County	0	0	2	0	4	1	1	1	0	0	0
510	Alexandria	1	0	1	2	0	0	0	0	0	0	0
515	Bedford	1	0	0	1	1	0	0	0	0	1	0
520	Bristol	0	0	0	0	0	0	0	0	1	0	1
530	Buena Vista	0	0	0	0	1	0	1	0	0	0	0
540	Charlotteville	0	0	2	0	1	0	0	0	0	0	1
550	Chesapeake	1	0	4	1	4	0	0	0	0	2	0
570	Colonial Heights	0	0	0	0	0	0	0	0	0	0	0
580	Covington	0	0	0	0	0	0	0	1	0	0	0
590	Danville	1	0	0	0	0	0	0	0	1	0	0
595	Emporia	0	0	0	0	1	0	1	0	1	0	0
600	Fairfax	0	0	1	0	1	0	0	0	0	0	0
610	Falls Church	1	0	1	0	0	0	0	0	0	0	1
620	Franklin	0	0	0	0	0	0	0	0	1	0	0
630	Fredericksburg	1	0	1	1	0	0	0	0	0	0	0
640	Galax	0	0	0	0	0	0	0	0	0	0	0
650	Hampton	0	0	1	0	1	0	0	0	0	0	0
660	Harrisonburg	0	0	0	1	0	0	0	0	0	0	0
670	Hopewell	1	0	1	0	0	0	0	0	0	0	0
680	Lynchburg	1	0	1	2	0	0	0	0	0	0	0
683	Manassas	0	0	0	1	1	0	0	0	0	0	0
685	Manassas Park	0	0	1	0	0	0	0	0	0	0	0
690	Martinsville	0	0	1	1	1	0	0	0	1	0	0
700	Newport News	0	0	1	0	0	0	0	0	0	1	0
710	Norfolk	1	0	5	0	2	0	2	0	0	0	0
720	Norton	0	0	0	1	0	0	0	0	0	1	0
730	Petersburg	0	0	1	0	2	0	0	0	0	0	0
735	Poquoson	0	0	0	0	0	0	0	0	0	0	1
740	Portsmouth	1	0	1	1	3	0	0	0	1	0	0
750	Radford	1	0	0	0	0	0	0	0	0	0	0
760	Richmond	0	0	0	0	2	0	0	0	0	0	0
770	Roanoke	0	0	2	0	2	2	0	0	0	0	1
775	Salem	0	0	1	0	0	0	0	0	0	0	1

Supplemental Table 4. Number of Apparatus Needed Reported By Fire Departments By Locality *

FIPS	County/City	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Vehicle	Engine / Pumper	Quint Combination Vehicle	Rescue / Fire Boat	Tanker	Technical Rescue Vehicle	Wildland Brush Truck	Other Apparatus
790	Staunton	0	0	0	0	1	0	0	0	0	0	0
800	Suffolk	1	0	1	0	5	0	0	0	0	0	2
810	Virginia Beach	1	0	0	1	1	0	0	1	0	0	0
820	Waynesboro	0	0	0	0	1	0	0	0	0	0	0
830	Williamsburg	0	0	0	0	1	0	0	0	0	0	0
840	Winchester	0	0	1	0	1	0	0	0	0	0	0
Grand Total		56	1	110	105	198	16	30	91	54	106	31

Supplemental Table 5. Number of Equipment Needed Reported By Fire Departments By Locality *

FIPS	County/City	Chemical / Biological Analysis Equipment	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Systems (PASS)	Personal Protective Equipment (PPE)	Radios	Self- Contained Breathing Apparatus (SCBA)	Technical Rescue Equipment	Thermal Imaging Cameras	Other Equipment
001	Accomack County	0	0	0	0	0	0	0	0	0	0
003	Albemarle County	3	0	0	0	0	0	0	0	3	0
005	Alleghany County	0	2	0	8	0	19	8	0	2	0
007	Amelia County	0	6	0	10	10	16	7	0	2	0
009	Amherst County	5	0	8	0	0	0	0	0	4	0
011	Appomattox County	0	0	0	12	12	12	12	1	4	0
013	Arlington County	5	15	15	25	25	15	25	15	5	0
015	Augusta County	0	0	0	0	6	43	0	10	3	0
017	Bath County	0	0	0	0	0	5	0	3	0	0
019	Bedford County	0	0	0	0	0	0	0	0	6	0
021	Bland County	0	0	0	15	23	25	49	0	2	0
023	Botetourt County	2	12	3	0	53	20	35	9	4	0
025	Brunswick County	2	4	14	10	40	24	10	0	7	0
027	Buchanan County	2	4	2	23	29	55	34	7	5	0
029	Buckingham County	0	4	0	10	10	15	20	0	4	0
031	Campbell County	0	6	3	0	51	61	30	7	10	2
033	Caroline County	1	0	6	4	16	9	4	0	5	0
035	Carroll County	1	0	1	0	25	32	5	6	1	4
036	Charles City County	0	6	0	10	0	10	7	0	3	0
037	Charlotte County	3	11	12	30	85	90	24	2	4	0
041	Chesterfield County	0	8	15	0	100	0	22	0	1	0
043	Clarke County	0	0	0	18	30	0	43	0	4	0
045	Craig County	0	2	0	4	16	52	13	0	3	3
047	Culpeper County	0	19	0	65	59	18	40	0	6	0
049	Cumberland County	0	0	0	16	25	0	16	0	2	0
051	Dickenson County	2	7	10	20	35	32	29	3	4	1
053	Dinwiddie County	0	0	0	0	25	0	0	0	0	0
057	Essex County	0	1	0	1	10	0	0	1	1	0
059	Fairfax County	0	1	3	0	142	11	0	0	5	0
061	Fauquier County	0	3	11	0	0	0	0	0	3	0
063	Floyd County	0	5	0	0	7	20	0	0	1	0
065	Fluvanna County	0	7	0	0	10	3	5	0	1	0
067	Franklin County	0	0	2	10	40	10	15	0	1	0
069	Frederick County	0	0	16	0	0	50	0	0	0	1
071	Giles County	3	8	1	23	49	32	24	0	6	1
073	Gloucester County	0	0	0	0	15	50	4	0	1	0
075	Goochland County	0	10	0	0	0	0	100	0	6	0
077	Grayson County	3	4	0	0	66	31	3	0	2	0
079	Greene County	0	0	0	16	5	4	0	0	0	0
083	Halifax County	3	6	5	10	68	42	58	0	5	0
085	Hanover County	3	40	35	0	200	0	0	3	3	0
087	Henrico County	0	0	0	0	0	0	250	0	0	0
089	Henry County	0	1	0	0	25	102	0	8	7	0

Supplemental Table 5. Number of Equipment Needed Reported By Fire Departments By Locality *

FIPS	County/City	Chemical / Biological Analysis Equipment	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Systems (PASS)	Personal Protective Equipment (PPE)	Radios	Self- Contained Breathing Apparatus (SCBA)	Technical Rescue Equipment	Thermal Imaging Cameras	Other Equipment
091	Highland County	0	2	0	30	5	5	0	1	0	0
093	Isle of Wight County	0	0	30	0	100	0	75	0	5	0
095	James City County	1	2	26	25	40	15	25	1	2	0
097	King and Queen County	0	1	0	10	15	13	23	0	2	0
099	King George County	0	0	0	15	20	0	15	0	3	0
101	King William County	0	6	0	0	15	5	38	0	0	0
103	Lancaster County	1	1	0	12	27	0	30	0	2	0
105	Lee County	1	4	4	10	40	40	15	1	3	0
107	Loudoun County	5	0	0	0	0	0	0	0	0	0
109	Louisa County	2	13	5	0	16	15	4	2	1	0
111	Lunenburg County	3	2	3	0	10	20	0	0	2	0
113	Madison County	0	7	0	0	0	0	0	0	1	0
115	Mathews County	0	0	0	0	10	0	0	0	1	0
117	Mecklenburg County	2	2	10	15	55	63	19	1	4	0
119	Middlesex County	0	6	0	25	37	0	25	13	2	0
121	Montgomery County	4	6	14	15	20	60	30	0	10	0
125	Nelson County	0	8	0	25	71	42	54	4	5	0
127	New Kent County	0	0	10	0	75	0	0	3	2	0
131	Northampton County	1	7	6	8	40	6	18	11	2	0
133	Northumberland County	1	0	0	0	8	10	15	0	1	0
135	Nottoway County	0	1	0	25	16	10	0	0	0	0
137	Orange County	4	9	0	0	21	10	0	2	6	0
139	Page County	0	2	0	30	25	20	30	0	3	0
141	Patrick County	2	1	1	15	15	0	15	1	8	0
143	Pittsylvania County	17	6	7	0	70	158	32	5	10	0
145	Powhatan County	0	20	7	0	0	0	0	1	0	0
147	Prince Edward County	0	4	0	0	15	35	0	0	6	0
149	Prince George County	0	0	12	0	0	50	0	0	0	0
153	Prince William County	35	21	7	6	1,106	7	10	0	4	0
155	Pulaski County	1	6	2	28	5	25	53	7	4	0
157	Rappahannock County	2	10	7	20	15	34	0	3	4	1
159	Richmond County	0	2	0	0	10	0	0	0	0	0
161	Roanoke County	1	16	16	0	0	0	0	2	1	0
163	Rockbridge County	1	1	0	6	48	15	13	1	5	0
165	Rockingham County	0	0	0	0	35	0	0	0	0	0
167	Russell County	4	21	12	51	75	75	61	3	7	1
169	Scott County	2	10	10	20	22	36	18	10	2	0
171	Shenandoah County	0	0	0	0	0	0	0	0	0	0
173	Smyth County	2	3	0	15	75	70	69	0	6	0
175	Southampton County	4	8	0	10	18	9	10	2	7	2
177	Spotsylvania County	0	0	75	0	50	50	0	0	10	0
179	Stafford County	0	0	97	0	125	0	0	0	0	0
181	Surry County	0	0	0	0	0	10	5	0	4	1

Supplemental Table 5. Number of Equipment Needed Reported By Fire Departments By Locality *

FIPS	County/City	Chemical / Biological Analysis Equipment	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Systems (PASS)	Personal Protective Equipment (PPE)	Radios	Self- Contained Breathing Apparatus (SCBA)	Technical Rescue Equipment	Thermal Imaging Cameras	Other Equipment
183	Sussex County	8	0	2	5	31	20	18	2	7	0
185	Tazewell County	6	9	10	44	50	75	32	5	7	0
187	Warren County	0	0	0	0	25	25	20	0	5	0
191	Washington County	0	10	4	0	73	42	14	4	2	0
193	Westmoreland County	0	8	0	14	69	26	14	0	6	0
195	Wise County	0	13	12	0	45	12	10	12	2	0
197	Wythe County	1	12	10	0	10	20	22	0	3	0
199	York County	0	0	0	0	0	0	0	0	7	0
510	Alexandria	0	0	0	0	0	0	0	0	0	0
515	Bedford	1	0	0	0	0	25	0	0	2	0
520	Bristol	1	1	5	0	0	0	0	1	0	0
530	Buena Vista	1	1	0	10	10	10	10	0	1	0
540	Charlottesville	0	0	6	0	0	0	0	0	0	0
550	Chesapeake	0	0	45	0	0	0	0	0	0	0
570	Colonial Heights	2	2	2	5	10	5	5	5	2	0
580	Covington	1	1	5	0	0	0	0	0	0	0
590	Danville	0	0	15	0	0	40	0	1	6	0
595	Emporia	0	0	0	0	0	0	0	1	0	0
600	Fairfax	0	0	0	0	20	0	0	0	3	0
610	Falls Church	0	3	0	0	0	0	0	0	0	0
620	Franklin	0	0	0	0	10	0	0	0	1	0
630	Fredericksburg	0	3	7	10	10	10	10	0	0	0
640	Galax	0	0	0	0	0	0	0	0	0	0
650	Hampton	1	11	11	0	0	30	0	2	12	0
660	Harrisonburg	0	0	0	0	0	0	0	0	0	0
670	Hopewell	1	0	0	0	0	5	10	0	0	0
680	Lynchburg	0	0	10	0	50	0	25	0	6	0
683	Manassas	0	0	10	0	0	0	20	0	1	0
685	Manassas Park	0	0	0	0	10	0	0	0	0	0
690	Martinsville	6	7	7	12	20	0	6	0	0	0
700	Newport News	0	0	0	0	0	156	0	0	0	0
710	Norfolk	0	0	0	0	0	191	0	0	5	0
720	Norton	0	0	3	0	8	35	0	1	0	0
730	Petersburg	0	0	12	0	0	0	0	0	3	0
735	Poquoson	0	0	0	0	0	0	0	0	0	0
740	Portsmouth	0	15	10	0	0	0	128	0	3	0
750	Radford	1	0	1	0	0	0	0	0	0	0
760	Richmond	2	0	0	0	415	0	0	0	0	0
770	Roanoke	0	26	26	0	0	18	0	2	8	0
775	Salem	0	0	0	0	0	12	6	0	0	0
790	Staunton	0	3	0	0	9	0	0	0	0	0
800	Suffolk	1	10	16	36	131	51	30	0	3	0
810	Virginia Beach	1	1	0	0	0	200	0	0	27	0

Supplemental Table 5. Number of Equipment Needed Reported By Fire Departments By Locality *

FIPS	County/City	Chemical / Biological Analysis Equipment	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Safety Systems (PASS)	Personal Protective Equipment (PPE)	Radios	Self- Contained Breathing Apparatus (SCBA)	Technical Rescue Equipment	Thermal Imaging Cameras	Other Equipment
820	Waynesboro	1	4	7	0	25	10	0	0	1	0
830	Williamsburg	3	4	6	0	0	0	50	0	3	0
840	Winchester	8	0	0	0	8	0	0	0	2	0
Grand Total		180	544	765	892	4,701	2,834	2,024	185	399	17

Supplemental Table 6. Number of Personnel Needed Reported By Fire Departments By Locality *

FIPS	County/City	Firefighter - Paid	Firefighter - Volunteer	Civilian - Paid	Civilian - Volunteer	Other Personnel
001	Accomack County	10	0	0	0	0
003	Albemarle County	24	50	0	0	0
005	Alleghany County	0	50	0	0	0
007	Amelia County	0	16	0	0	0
009	Amherst County	6	69	0	0	0
011	Appomattox County	0	12	0	0	10
013	Arlington County	14	0	0	0	0
015	Augusta County	10	0	2	0	0
017	Bath County	0	0	0	0	0
019	Bedford County	24	0	0	0	0
021	Bland County	0	25	0	10	0
023	Botetourt County	8	40	1	0	0
025	Brunswick County	2	63	0	27	0
027	Buchanan County	2	43	0	0	0
029	Buckingham County	0	20	0	8	0
031	Campbell County	1	35	0	0	10
033	Caroline County	16	16	3	12	0
035	Carroll County	0	30	0	15	0
036	Charles City County	0	10	0	0	0
037	Charlotte County	5	63	0	6	0
041	Chesterfield County	14	20	5	1	0
043	Clarke County	2	32	0	20	0
045	Craig County	0	20	0	20	0
047	Culpeper County	0	70	0	5	0
049	Cumberland County	0	15	0	0	0
051	Dickenson County	3	20	0	0	0
053	Dinwiddie County	20	50	0	0	0
057	Essex County	0	10	1	0	0
059	Fairfax County	92	68	58	0	0
061	Fauquier County	18	0	2	0	0
063	Floyd County	5	4	20	0	0
065	Fluvanna County	0	0	0	0	0
067	Franklin County	7	0	0	22	0
069	Frederick County	50	100	5	0	0
071	Giles County	0	44	0	0	0
073	Gloucester County	0	25	0	0	0
075	Goochland County	11	40	0	5	0
077	Grayson County	0	30	0	10	0
079	Greene County	0	6	0	0	0
083	Halifax County	11	101	12	15	0
085	Hanover County	300	500	1	0	0
087	Henrico County	5	0	12	0	0
089	Henry County	11	140	0	10	0
091	Highland County	0	15	0	5	0
093	Isle of Wight County	10	100	2	0	0
095	James City County	6	0	0	0	0
097	King and Queen County	0	32	0	0	0
099	King George County	8	25	0	0	0
101	King William County	0	15	0	0	0
103	Lancaster County	0	20	0	0	0
105	Lee County	0	44	0	30	0
107	Loudoun County	30	0	5	0	0
109	Louisa County	19	32	0	6	0
111	Lunenburg County	0	14	0	10	0
113	Madison County	0	10	0	0	0
115	Mathews County	0	10	0	0	0
117	Mecklenburg County	9	35	1	25	0
119	Middlesex County	0	36	0	0	0
121	Montgomery County	2	37	0	0	0
125	Nelson County	3	62	0	32	0

Supplemental Table 6. Number of Personnel Needed Reported By Fire Departments By Locality *

FIPS	County/City	Firefighter - Paid	Firefighter - Volunteer	Civilian - Paid	Civilian - Volunteer	Other Personnel
127	New Kent County	7	32	0	0	0
131	Northampton County	12	25	0	10	0
133	Northumberland County	0	10	0	0	0
135	Nottoway County	2	15	0	10	0
137	Orange County	9	66	0	0	0
139	Page County	10	16	0	5	0
141	Patrick County	0	25	0	0	0
143	Pittsylvania County	29	130	0	35	0
145	Powhatan County	6	0	0	0	0
147	Prince Edward County	0	32	0	0	0
149	Prince George County	10	50	0	15	0
153	Prince William County	30	220	0	0	0
155	Pulaski County	3	41	0	5	0
157	Rappahannock County	6	35	0	5	0
159	Richmond County	0	10	0	0	0
161	Roanoke County	18	0	0	0	0
163	Rockbridge County	3	58	0	8	0
165	Rockingham County	24	0	0	0	0
167	Russell County	0	45	0	16	10
169	Scott County	0	24	0	0	0
171	Shenandoah County	13	0	1	0	0
173	Smyth County	4	10	0	10	0
175	Southampton County	0	39	0	0	0
177	Spotsylvania County	155	0	10	0	0
179	Stafford County	60	150	3	4	0
181	Surry County	0	0	0	0	0
183	Sussex County	1	21	0	0	0
185	Tazewell County	3	53	0	6	0
187	Warren County	20	30	2	0	0
191	Washington County	16	55	0	0	0
193	Westmoreland County	2	26	0	20	0
195	Wise County	0	23	0	23	0
197	Wythe County	12	24	0	0	0
199	York County	5	0	0	0	0
510	Alexandria	0	0	0	0	0
515	Bedford	0	10	0	0	0
520	Bristol	3	0	0	0	0
530	Buena Vista	0	0	0	0	0
540	Charlottesville	8	0	0	0	0
550	Chesapeake	30	0	4	2	0
570	Colonial Heights	6	0	0	0	0
580	Covington	0	0	0	0	0
590	Danville	0	0	0	0	6
595	Emporia	0	0	0	0	0
600	Fairfax	3	10	1	0	0
610	Falls Church	0	20	0	5	0
620	Franklin	1	0	0	0	0
630	Fredericksburg	12	0	0	0	0
640	Galax	0	5	0	0	0
650	Hampton	24	50	0	0	0
660	Harrisonburg	12	0	0	0	0
670	Hopewell	10	0	0	0	0
680	Lynchburg	0	0	0	0	0
683	Manassas	4	30	0	0	0
685	Manassas Park	3	0	0	0	0
690	Martinsville	7	0	0	0	0
700	Newport News	12	0	0	0	0
710	Norfolk	12	0	10	0	0
720	Norton	2	3	0	0	0
730	Petersburg	12	0	0	0	2

Supplemental Table 6. Number of Personnel Needed Reported By Fire Departments By Locality *

FIPS	County/City	Firefighter - Paid	Firefighter - Volunteer	Civilian - Paid	Civilian - Volunteer	Other Personnel
735	Poquoson	0	0	0	0	0
740	Portsmouth	20	0	0	0	0
750	Radford	3	10	0	0	0
760	Richmond	50	0	0	0	0
770	Roanoke	0	0	4	0	0
775	Salem	15	0	0	0	0
790	Staunton	9	10	1	0	0
800	Suffolk	21	46	2	2	0
810	Virginia Beach	30	0	10	0	0
820	Waynesboro	8	10	0	0	0
830	Williamsburg	6	10	2	0	0
840	Winchester	12	24	2	16	0
Grand Total		1,553	3,827	182	491	38

Chapter 3 - Reported Incidents in Virginia

VFIRS (Virginia Fire Incident Reporting System)

Description

The Virginia Fire Incident Reporting System (VFIRS) is used by the Commonwealth of Virginia to track Virginia's fire department emergency responses. VFIRS allows fire departments to report and maintain computerized records of fires and other incidents in a uniform manner that is consistent with the National Fire Incident Reporting System (NFIRS). VFIRS is maintained by the Virginia Department of Fire Programs (VDFP), which reports data into NFIRS. In 2006, approximately 81% of Virginia fire departments reported to VFIRS, covering an estimated 92.8% of Virginia's population. Please see Appendix VI for VFIRS Participation by locality for 2006.

Limitations

This very useful system does, however, have some limitations. Data from VFIRS is not complete because participation is not mandatory for fire departments in Virginia¹, and the system does not include information on incidents that are not reported. The quality of the data in the system is also limited by the accuracy and completeness of the information entered by fire department personnel. Data from 2006 is the most recent year for which full data is available from VFIRS. Data from 2002 is shown to illustrate the change that has occurred over the past five years.

Call Types

Fire departments in Virginia respond to various types of calls for assistance. In 2006, these incidents included 31,464 fires, 356,356 rescue/medical incidents, 33,600 hazardous condition calls, 36,625 service calls, 51,271 good intent calls, 51,906 false calls, and 8,985 other calls. (See Figure 30 and Table 25.)

¹ The Federal Fire Act grant program and the VFIRS Hardware Technology Grant, however, mandate that any local fire department receiving funds must participate in VFIRS/NFIRS.

Figure 30. VFIRS Reported Incidents, 2006

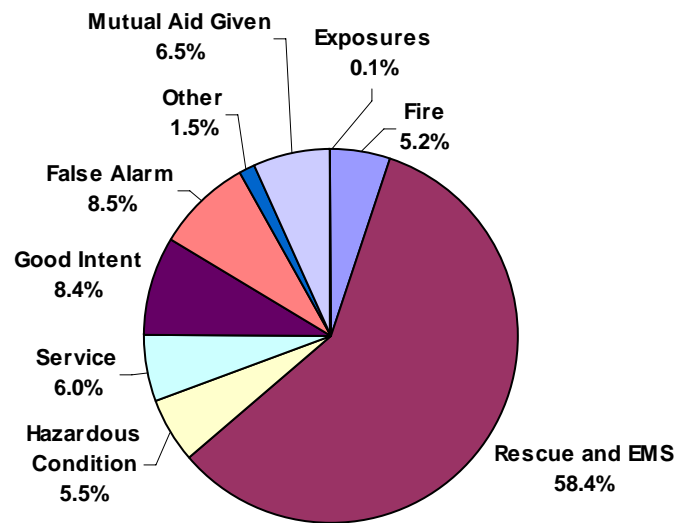
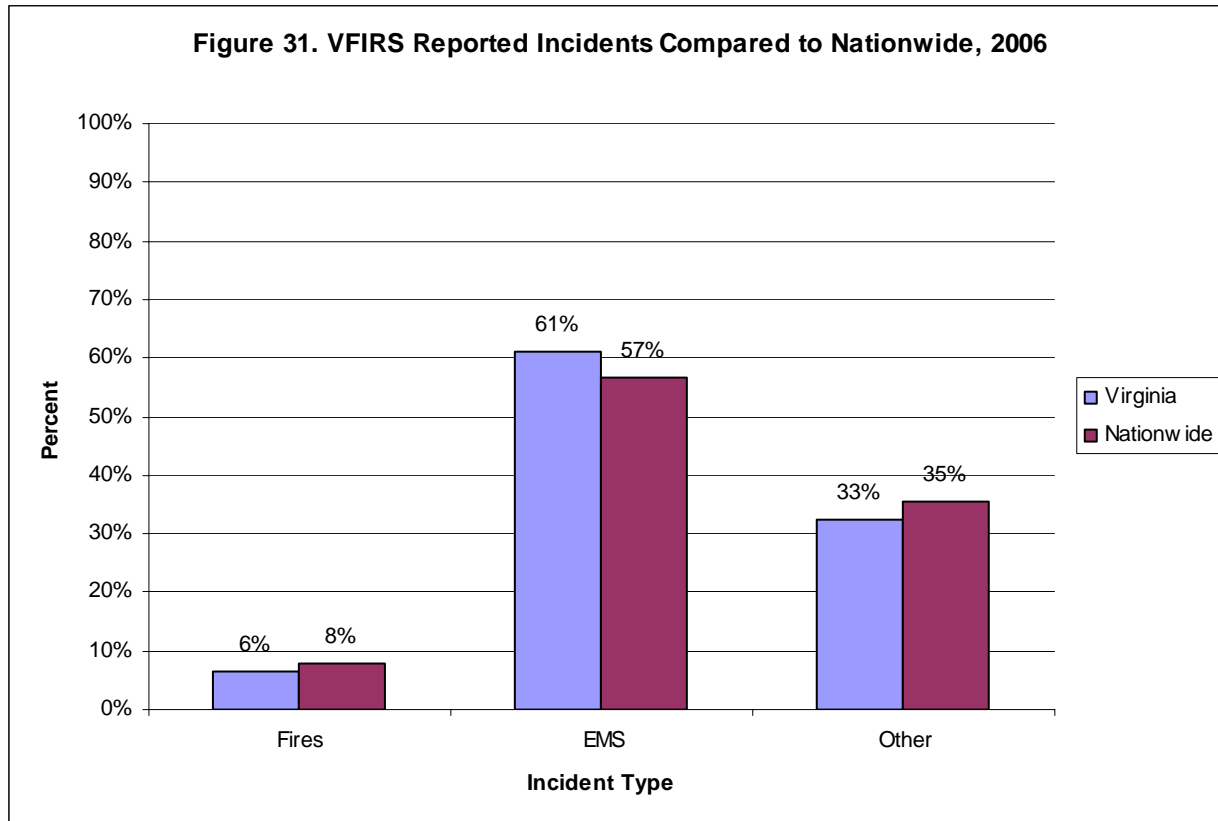


Table 25. Number of VFIRS Reported Incidents By Year

Incident Type	2002	2003	2004	2005	2006
Fire	26,151	22,674	25,452	27,648	31,464
Rescue and EMS	245,843	297,137	310,919	344,856	356,356
Hazardous Condition	24,535	35,295	31,256	33,867	33,600
Service	25,333	32,556	30,879	34,276	36,625
Good Intent	35,770	42,440	45,174	48,741	51,271
False Alarm	38,891	45,106	44,270	49,597	51,906
Other	7,548	8,605	7,006	7,571	8,985
Total	404,071	483,813	494,956	546,556	570,207
Mutual Aid Given	18,926	21,065	25,497	35,193	39,366
Exposures	674	510	575	443	501
Grand Total	423,671	505,388	521,028	582,192	610,074

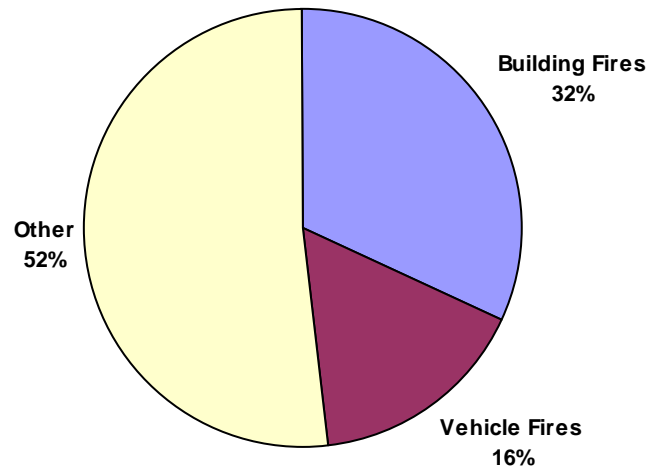
For 2006, Virginia has a lower percentage of fire incidents (6%) compared to the national numbers. Sixty-one percent of incidents in Virginia were EMS calls, while nationwide, 57 percent of all calls were EMS. (See Figure 31.)



Fires

In 2006, fire departments in Virginia reported responding to a total of 31,464 fires. Thirty-two percent were structure/building fires, 16 percent were vehicle fires, and 52 percent were other types of fires. (See Figure 32.)

Figure 32. VFIRS Reported Fire Incidents, 2006



Please see Supplemental Table 7 found at the end of this section for a detailed report of incidents for 2006 by locality as well as Supplemental Table 8 for additional information on reported fires for 2006.

Table 26. Number of VFIRS Reported Incidents By Virginia Region, 2006

Region	Fire	Rescue and EMS	Hazardous Condition	Service	Good Intent	False Alarm	Other	Total	Mutual Aid Given	Exposures	Grand Total
Central	10,630	97,524	10,314	10,476	18,218	12,212	1,755	161,129	9,293	194	170,616
Coastal	7,732	98,283	7,802	8,919	11,898	13,396	3,858	151,888	3,604	202	155,694
Mountain	3,055	6,971	2,156	1,374	1,699	1,376	343	16,974	1,088	16	18,078
Northern Valley	6,050	97,536	8,581	11,488	12,365	19,166	2,386	157,572	11,854	20	169,446
	3,540	49,993	4,089	3,804	6,327	4,448	480	72,681	11,606	40	84,327
Grand Total	31,007	350,307	32,942	36,061	50,507	50,598	8,822	560,244	37,445	472	598,161

Technical Notes

Note: Data for Figures 30, 32 and Table 25 were compiled from information reported to the Virginia Fire Incident Reporting System (VFIRS) for 2006 as of 11/30/2007. Figure 31 contains data for 2006 as of 10/27/2007. Table 26, and Supplemental Tables 7 and 8 were produced from 2006 data as of 7/5/2007. VFIRS is a constantly changing database, therefore, incident data may not match all tables and charts.

For all frequency or incident counts, mutual aid given and exposure incidents were excluded from the numbers. For casualty statistical information, mutual aid given incidents were included for all fire service and excluded for all civilian data, and, in addition, exposure incidents were included with all casualty numbers. For dollar loss amounts, mutual aid given incidents were excluded and exposure incidents were included with the numbers. Percentages may not add to totals due to rounding.

Supplemental Table 7. Number of VFIRS Reported Incidents By Locality, Virginia, 2006

FIPS	County/City	Fire	Rescue and EMS	Hazardous Condition	Service	Good Intent	False Alarm	Other	Total	Mutual Aid Given	Exposures	Grand Total
001	Accomack County	222	298	167	34	37	60	31	849	478	0	1,327
003	Albemarle County	516	4,005	396	410	983	604	31	6,945	284	0	7,229
005	Alleghany County	53	157	28	12	13	14	19	296	97	1	394
007	Amelia County	63	120	13	12	39	19	6	272	52	0	324
009	Amherst County	114	56	135	11	77	31	7	431	109	2	542
011	Appomattox County	49	4	43	3	38	5	0	142	9	1	152
013	Arlington County	660	14,056	1,033	1,493	2,205	2,712	1,086	23,245	2,215	0	25,460
015	Augusta County	403	3,240	440	416	1,474	298	45	6,316	1,009	3	7,328
019	Bedford County	237	638	101	121	158	118	16	1,389	394	1	1,784
021	Bland County	41	3	9	3	11	2	2	71	28	0	99
023	Botetourt County	184	215	123	30	48	70	9	679	240	0	919
025	Brunswick County	73	235	59	10	85	26	2	490	69	0	559
027	Buchanan County	91	112	25	21	18	5	5	277	26	4	307
029	Buckingham County	79	35	7	60	17	5	2	205	56	0	261
031	Campbell County	337	453	506	104	163	80	22	1,665	72	0	1,737
033	Caroline County	90	240	129	75	217	36	126	913	180	0	1,093
035	Carroll County	139	154	81	11	151	18	1	555	40	0	595
036	Charles City County	64	79	7	23	20	13	0	206	2	0	208
037	Charlotte County	50	68	40	8	18	14	4	202	45	0	247
041	Chesterfield County	1,223	17,975	1,095	1,721	3,500	1,612	174	27,300	111	7	27,418
043	Clarke County	98	290	33	26	78	31	7	563	290	0	853
045	Craig County	36	58	5	26	7	6	2	140	13	0	153
047	Culpeper County	165	549	182	72	202	184	27	1,381	311	0	1,692
049	Cumberland County	45	40	2	15	14	26	5	147	19	0	166
051	Dickenson County	84	150	27	29	31	19	10	350	45	0	395
053	Dinwiddie County	179	230	200	29	295	41	13	987	226	0	1,213
057	Essex County	34	69	36	7	13	15	2	176	2	0	178
059	Fairfax County	2,378	51,907	3,210	5,582	2,385	9,592	641	75,695	3,511	0	79,206
061	Fauquier County	356	2,704	354	210	893	172	42	4,731	302	0	5,033
063	Floyd County	72	33	128	6	72	9	1	321	52	0	373
065	Fluvanna County	15	94	15	19	20	1	3	167	84	0	251
067	Franklin County	415	266	150	74	73	85	94	1,157	195	5	1,357
069	Frederick County	336	4,459	172	263	308	225	18	5,781	3,244	1	9,026
071	Giles County	90	105	126	17	27	30	6	401	75	0	476
073	Gloucester County	182	488	257	32	90	62	20	1,131	6	0	1,137
075	Goochland County	131	64	248	27	58	113	5	646	104	0	750
077	Grayson County	91	59	12	5	13	3	0	183	37	0	220
079	Greene County	65	190	68	35	146	23	31	558	83	1	642
083	Halifax County	156	704	9	6	9	14	6	904	86	0	990
085	Hanover County	452	3,402	410	445	2,096	601	42	7,448	1,651	3	9,102
087	Henrico County	1,124	24,806	1,373	3,700	2,742	2,468	281	36,494	248	55	36,797
089	Henry County	318	316	130	95	180	275	22	1,336	185	4	1,525
091	Highland County	1	0	0	0	0	0	0	1	0	0	1
093	Isle of Wight County	220	1,162	136	56	274	162	21	2,031	147	1	2,179
095	James City County	256	4,504	298	505	712	622	394	7,291	556	6	7,853
097	King and Queen County	16	0	11	0	2	4	1	34	21	0	55

Supplemental Table 7. Number of VFIRS Reported Incidents By Locality, Virginia, 2006

FIPS	County/City	Fire	Rescue and EMS	Hazardous Condition	Service	Good Intent	False Alarm	Other	Total	Mutual Aid Given	Exposures	Grand Total
099	King George County	113	439	206	127	224	50	11	1,170	70	1	1,241
101	King William County	26	139	3	4	8	7	12	199	22	0	221
103	Lancaster County	36	0	57	5	5	20	8	131	16	0	147
105	Lee County	123	60	22	9	11	5	3	233	48	2	283
107	Loudoun County	689	5,054	984	885	1,673	2,110	109	11,504	1,465	1	12,970
109	Louisa County	167	216	229	72	122	62	54	922	359	0	1,281
111	Lunenburg County	75	326	12	31	35	10	0	489	56	7	552
115	Mathews County	79	132	23	13	24	29	2	302	2	7	311
117	Mecklenburg County	287	31	461	92	131	66	24	1,092	287	0	1,379
119	Middlesex County	57	40	41	15	9	26	12	200	3	0	203
121	Montgomery County	355	438	208	196	273	445	10	1,925	84	0	2,009
125	Nelson County	122	167	39	35	92	79	4	538	99	0	637
127	New Kent County	44	319	22	23	107	16	93	624	190	0	814
131	Northampton County	71	792	65	25	85	29	2	1,069	184	0	1,253
133	Northumberland County	26	16	17	2	17	9	1	88	17	0	105
135	Nottoway County	88	409	20	24	51	29	2	623	119	0	742
137	Orange County	84	2,552	116	76	352	53	53	3,286	299	0	3,585
139	Page County	136	250	82	348	67	35	10	928	59	2	989
141	Patrick County	156	498	93	92	100	45	28	1,012	118	0	1,130
143	Pittsylvania County	555	3,120	428	222	223	173	70	4,791	759	2	5,552
145	Powhatan County	99	425	79	36	210	82	12	943	183	4	1,130
147	Prince Edward County	104	38	123	9	112	47	2	435	97	0	532
149	Prince George County	175	176	137	128	374	104	15	1,109	57	2	1,168
153	Prince William County	469	2,979	927	1,072	2,015	947	89	8,498	0	0	8,498
155	Pulaski County	199	312	202	150	110	70	27	1,070	35	1	1,106
157	Rappahannock County	75	245	45	27	52	45	5	494	465	0	959
161	Roanoke County	260	7,950	366	535	404	526	39	10,080	1,002	3	11,085
163	Rockbridge County	115	776	72	142	242	92	27	1,466	428	0	1,894
165	Rockingham County	303	2,714	382	171	484	228	63	4,345	1,548	4	5,897
167	Russell County	76	138	85	41	24	10	14	388	24	0	412
169	Scott County	78	62	81	11	18	17	6	273	51	0	324
171	Shenandoah County	144	231	213	77	279	102	3	1,049	919	0	1,968
173	Smyth County	171	1,018	99	33	65	37	17	1,440	43	0	1,483
175	Southampton County	93	220	38	12	26	22	5	416	115	11	542
177	Spotsylvania County	339	4,005	230	303	266	586	70	5,799	63	16	5,878
179	Stafford County	20	768	72	121	198	46	4	1,229	3	0	1,232
181	Surry County	24	6	12	4	18	11	1	76	3	0	79
183	Sussex County	49	95	73	36	62	15	15	345	62	0	407
185	Tazewell County	127	1,260	365	62	69	68	54	2,005	38	0	2,043
187	Warren County	195	2,172	74	70	187	126	19	2,843	1,360	2	4,205
191	Washington County	146	677	164	68	96	157	28	1,336	48	0	1,384
193	Westmoreland County	157	584	84	103	83	76	33	1,120	169	0	1,289
195	Wise County	162	468	65	35	22	36	7	795	45	1	841
197	Wythe County	151	76	85	35	78	62	2	489	31	1	521
199	York County	252	4,503	365	913	445	664	704	7,846	763	11	8,620
510	Alexandria	393	10,574	738	1,058	1,420	1,840	89	16,112	156	2	16,270

Supplemental Table 7. Number of VFIRS Reported Incidents By Locality, Virginia, 2006

FIPS	County/City	Rescue and Response Incidents				Service	Good Intent	False Alarm	Other	Total	Mutual Aid Given	Exposures	Grand Total
		Fire	EMS	Hazardous Condition									
515	Bedford	85	298	82	95	38	13	706	129	0	835		
520	Bristol	123	872	74	155	191	22	1,808	14	0	1,822		
530	Buena Vista	35	0	89	8	26	5	245	125	0	370		
540	Charlottesville	279	2,263	397	291	840	21	4,660	1,775	5	6,440		
550	Chesapeake	818	17,013	699	1,810	1,783	419	23,923	108	21	24,052		
560	Alleghany County	24	12	33	1	12	0	91	41	3	135		
570	Colonial Heights	129	2,931	163	362	127	8	3,931	239	5	4,175		
580	Covington	42	22	92	6	11	10	222	35	0	257		
590	Danville	381	3,124	349	187	488	22	4,841	2	4	4,847		
600	Fairfax	109	1,926	164	201	302	52	2,851	989	0	3,840		
620	Franklin	85	117	37	32	47	99	470	411	2	883		
630	Fredericksburg	139	1,273	269	253	339	19	2,679	185	0	2,864		
640	Galax	56	55	5	2	13	3	169	9	0	178		
650	Hampton	508	13,002	693	1,021	1,435	124	17,402	63	1	17,466		
660	Harrisonburg	123	1,936	550	158	618	9	3,735	75	6	3,816		
670	Hopewell	165	1,912	320	476	117	39	3,103	114	1	3,218		
678	Lexington	18	8	62	6	26	5	157	40	0	197		
680	Lynchburg	364	3,466	353	318	351	48	5,621	23	0	5,644		
683	Manassas	133	496	174	87	208	13	1,387	846	1	2,234		
685	Manassas Park	35	760	70	49	47	14	1,054	1,163	0	2,217		
690	Martinsville	74	1,590	41	43	89	6	1,910	31	0	1,941		
700	Newport News	1,050	5,991	948	394	1,600	268	11,452	38	63	11,553		
710	Norfolk	775	14,724	1,012	1,165	1,843	89	20,650	0	12	20,662		
720	Norton	26	22	5	0	19	0	76	1	0	77		
730	Petersburg	276	1,517	384	183	456	54	3,373	121	12	3,506		
735	Poquoson	60	32	78	79	42	47	372	3	0	375		
740	Portsmouth	653	8,357	549	659	934	75	12,199	25	11	12,235		
750	Radford	83	133	45	319	30	3	640	1	2	643		
760	Richmond	1,594	17,810	1,527	874	2,725	507	28,244	37	65	28,346		
770	Roanoke	549	17,273	726	830	1,072	127	22,306	186	13	22,505		
775	Salem	85	1,745	147	105	220	27	2,382	43	0	2,425		
780	Halifax County	74	1,286	56	11	116	10	1,553	32	0	1,585		
790	Staunton	102	846	171	204	281	21	1,861	254	1	2,116		
800	Suffolk	558	7,968	422	692	980	1,233	12,388	224	6	12,618		
810	Virginia Beach	1,356	15,891	1,495	1,140	2,872	243	26,474	35	62	26,571		
820	Waynesboro	111	1,471	108	118	147	6	2,082	57	0	2,139		
830	Williamsburg	75	1,735	99	68	431	12	2,485	457	0	2,942		
840	Winchester	187	4,168	121	252	282	9	5,113	541	1	5,655		
Grand Total		31,007	350,307	32,942	36,061	50,507	8,822	560,244	37,445	472	598,161		

Supplemental Table 8. VFIRS Reported Fire Incidents Summary By Locality, Virginia, 2006

FIPS	County/City	VFIRS Population	Total Number of Fire Incidents	Total Fire Dollar Loss	Dollar Loss Per Fire	Total Fire Casualties	Casualties Per VFIRS Population (Rate/100,000)
001	Acomack County	32,833	222	\$1,164,850	\$5,247	0	0.00
003	Albemarle County	79,236	516	\$3,081,748	\$5,972	6	7.57
005	Alleghany County	10,027	77	\$351,940	\$4,571	5	49.87
007	Amelia County	9,120	63	\$1,157,000	\$18,365	1	10.96
009	Amherst County	21,263	114	\$114,706	\$1,006	1	4.70
011	Appomattox County	6,853	49	\$352,750	\$7,199	0	0.00
013	Arlington County	189,453	660	\$13,948,900	\$21,135	4	2.11
015	Augusta County	65,615	403	\$4,142,300	\$10,279	10	15.24
019	Bedford County	54,883	237	\$1,254,427	\$5,293	1	1.82
021	Bland County	5,726	41	\$180,850	\$4,411	0	0.00
023	Botetourt County	30,496	184	\$410,850	\$2,233	1	3.28
025	Brunswick County	15,788	73	\$259,500	\$3,555	0	0.00
027	Buchanan County	18,885	91	\$1,435,860	\$15,779	1	5.30
029	Buckingham County	11,717	79	\$216,500	\$2,741	0	0.00
031	Campbell County	51,078	337	\$1,010,501	\$2,999	3	5.87
033	Caroline County	7,374	90	\$238,600	\$2,651	2	27.12
035	Carroll County	29,245	139	\$1,284,575	\$9,242	3	10.26
036	Charles City County	6,926	64	\$452,650	\$7,073	1	14.44
037	Charlotte County	7,127	50	\$3,424,900	\$68,498	2	28.06
041	Chesterfield County	259,903	1,223	\$15,177,857	\$12,410	46	17.70
043	Clarke County	12,652	98	\$185,500	\$1,893	5	39.52
045	Craig County	3,055	36	\$149,350	\$4,149	0	0.00
047	Culpeper County	24,473	165	\$1,726,417	\$10,463	2	8.17
049	Cumberland County	9,017	45	\$409,800	\$9,107	0	0.00
051	Dickenson County	12,296	84	\$635,400	\$7,564	4	32.53
053	Dinwiddie County	19,626	179	\$47,000	\$263	1	5.10
057	Essex County	9,989	34	\$858,000	\$25,235	0	0.00
059	Fairfax County	969,749	2,378	\$46,408,972	\$19,516	1	0.10
061	Fauquier County	40,101	356	\$2,551,150	\$7,166	4	9.97
063	Floyd County	13,874	72	\$0	\$0	0	0.00
065	Fluvanna County	6,682	15	\$0	\$0	0	0.00
067	Franklin County	43,346	415	\$3,429,450	\$8,264	6	13.84
069	Frederick County	59,209	336	\$367,700	\$1,094	2	3.38
071	Giles County	16,657	90	\$1,085,101	\$12,057	1	6.00
073	Gloucester County	34,780	182	\$932,401	\$5,123	4	11.50
075	Goochland County	16,863	131	\$63,500	\$485	0	0.00
077	Grayson County	11,945	91	\$9,757,500	\$107,225	0	0.00
079	Greene County	10,163	65	\$123,500	\$1,900	0	0.00
083	Halifax County	24,903	230	\$1,025,800	\$4,460	0	0.00
085	Hanover County	86,320	452	\$7,489,711	\$16,570	12	13.90
087	Henrico County	262,300	1,124	\$23,786,535	\$21,162	31	11.82

Supplemental Table 8. VFIRS Reported Fire Incidents Summary By Locality, Virginia, 2006

FIPS	County/City	VFIRS Population	Total Number of Fire Incidents	Total Fire Dollar Loss	Dollar Loss Per Fire	Total Fire Casualties	Casualties Per VFIRS Population (Rate/100,000)
089	Henry County	50,689	318	\$4,580,635	\$14,405	12	23.67
091	Highland County	0	1	\$0	\$0	0	0.00
093	Isle of Wight County	17,837	220	\$1,180,700	\$5,367	0	0.00
095	James City County	48,102	256	\$3,068,650	\$11,987	5	10.39
097	King and Queen County	1,658	16	\$0	\$0	0	0.00
099	King George County	16,803	113	\$1,234,375	\$10,924	1	5.95
101	King William County	8,764	26	\$111,750	\$4,298	0	0.00
103	Lancaster County	7,711	36	\$0	\$0	0	0.00
105	Lee County	16,512	123	\$1,596,230	\$12,977	9	54.50
107	Loudoun County	156,553	689	\$7,767,183	\$11,273	13	8.30
109	Louisa County	18,305	167	\$149,400	\$895	1	5.46
111	Lunenburg County	13,146	75	\$681,850	\$9,091	2	15.21
115	Mathews County	9,207	79	\$729,250	\$9,231	3	32.58
117	Mecklenburg County	32,380	287	\$608,750	\$2,121	4	12.35
119	Middlesex County *	7,449	57	\$75,051,000	\$1,316,684	0	0.00
121	Montgomery County	66,903	355	\$1,370,630	\$3,861	0	0.00
125	Nelson County	12,381	122	\$308,000	\$2,525	0	0.00
127	New Kent County	4,487	44	\$0	\$0	0	0.00
131	Northampton County	10,474	71	\$280,004	\$3,944	2	19.09
133	Northumberland County	6,130	26	\$558,150	\$21,467	0	0.00
135	Northway County	15,725	88	\$730,770	\$8,304	1	6.36
137	Orange County	15,529	84	\$472,283	\$5,622	4	25.76
139	Page County	23,177	136	\$1,738,950	\$12,786	2	8.63
141	Patrick County	19,407	156	\$2,006,735	\$12,864	5	25.76
143	Pittsylvania County	58,805	555	\$1,699,151	\$3,062	7	11.90
145	Powhatan County	22,377	99	\$1,025,007	\$10,354	6	26.81
147	Prince Edward County	15,776	104	\$1,080,545	\$10,390	0	0.00
149	Prince George County	33,047	175	\$1,195,000	\$6,829	0	0.00
153	Prince William County	280,813	469	\$0	\$0	0	0.00
155	Pulaski County	30,736	199	\$1,439,353	\$7,233	8	26.03
157	Rappahannock County	5,819	75	\$133,700	\$1,783	2	34.37
161	Roanoke County	85,778	260	\$469,485	\$1,806	12	13.99
163	Rockbridge County	13,872	115	\$799,905	\$6,956	2	14.42
165	Rockingham County	67,725	303	\$1,503,024	\$4,960	8	11.81
167	Russell County	21,649	76	\$203,175	\$2,673	0	0.00
169	Scott County	16,716	78	\$339,700	\$4,355	2	11.96
171	Shenandoah County	24,553	144	\$356,225	\$2,474	0	0.00
173	Smyth County	33,081	171	\$1,035,140	\$6,053	0	0.00
175	Southampton County	10,926	93	\$397,700	\$4,276	7	64.07
177	Spotsylvania County	90,395	339	\$1,585,150	\$4,676	8	8.85
179	Stafford County	0	20	\$19,000	\$950	0	0.00

Supplemental Table 8. VFIRS Reported Fire Incidents Summary By Locality, Virginia, 2006

FIPS	County/City	VFIRS Population	Total Number of Fire Incidents	Total Fire Dollar Loss	Dollar Loss Per Fires	Total Fire Casualties	Casualties Per VFIRS Population (Rate/100,000)
181	Surry County	2,276	24	\$338,400	\$14,100	1	43.93
183	Sussex County	7,502	49	\$198,100	\$4,043	1	13.33
185	Tazewell County	19,512	127	\$452,233	\$3,561	2	10.25
187	Warren County	31,584	195	\$489,965	\$2,513	3	9.50
191	Washington County	39,747	146	\$4,939,520	\$33,832	4	10.06
193	Westmoreland County	16,718	157	\$517,850	\$3,298	1	5.98
195	Wise County	40,123	162	\$2,419,767	\$14,937	4	9.97
197	Wythe County	27,599	151	\$2,148,825	\$14,231	9	32.61
199	York County	56,297	252	\$1,951,420	\$7,744	8	14.21
510	Alexandria	128,283	393	\$1,625,355	\$4,136	14	10.91
515	Bedford	6,299	85	\$999,250	\$11,756	0	0.00
520	Bristol	17,367	123	\$478,720	\$3,892	7	40.31
530	Buena Vista	6,349	35	\$565,300	\$16,151	0	0.00
540	Charlottesville	45,049	279	\$2,159,224	\$7,739	6	13.32
550	Chesapeake	199,184	818	\$8,946,267	\$10,937	39	19.58
570	Colonial Heights	16,897	129	\$766,480	\$5,942	2	11.84
580	Covington	6,303	42	\$324,350	\$7,723	3	47.60
590	Danville	48,411	381	\$1,208,326	\$3,171	15	30.98
600	Fairfax	21,498	109	\$1,111,403	\$10,196	0	0.00
620	Franklin	8,346	85	\$421,820	\$4,963	4	47.93
630	Fredericksburg	19,279	139	\$255,450	\$1,838	3	15.56
640	Galax	6,837	56	\$89,000	\$1,589	1	14.63
650	Hampton	146,437	508	\$723,395	\$1,424	4	2.73
660	Harrisonburg *	40,468	123	\$185,055,134	\$1,504,513	0	0.00
670	Hopewell	22,354	165	\$960,770	\$5,823	5	22.37
678	Lexington	6,867	18	\$63,770	\$3,543	0	0.00
680	Lynchburg	65,269	364	\$1,450,090	\$3,984	14	21.45
683	Manassas	35,135	133	\$673,310	\$5,062	6	17.08
685	Manassas Park	10,290	35	\$81,800	\$2,337	0	0.00
690	Martinsville	15,416	74	\$745,700	\$10,077	3	19.46
700	Newport News	180,150	1,050	\$13,557,922	\$12,912	44	24.42
710	Norfolk	234,403	775	\$3,078,978	\$3,973	11	4.69
720	Norton	3,904	26	\$66,000	\$2,538	1	25.61
730	Petersburg	33,740	276	\$1,940,946	\$7,032	21	62.24
735	Poquoson	11,566	60	\$0	\$0	3	25.94
740	Portsmouth	100,565	653	\$5,452,559	\$8,350	8	7.96
750	Radford	15,859	83	\$512,300	\$6,172	1	6.31
760	Richmond	197,790	1,594	\$10,633,934	\$6,671	68	34.38
770	Roanoke	94,911	549	\$3,410,947	\$6,213	24	25.29
775	Salem	24,747	85	\$375,275	\$4,415	3	12.12
790	Staunton	23,853	102	\$70,105	\$687	3	12.58

Supplemental Table 8. VFIRS Reported Fire Incidents Summary By Locality, Virginia, 2006

FIPS	County/City	VFIRS Population	Total Number of Fire Incidents	Total Fire Dollar Loss	Dollar Loss Per Fire	Total Fire Casualties	Casualties Per VFIRS Population (Rate/100,000)
800	Suffolk	50,942	558	\$4,920,985	\$8,819	5	9.82
810	Virginia Beach	425,257	1,356	\$12,431,898	\$9,168	74	17.40
820	Waynesboro	19,520	111	\$2,128,145	\$19,172	7	35.86
830	Williamsburg	11,998	75	\$966,310	\$12,884	0	0.00
840	Winchester	23,585	187	\$1,281,230	\$6,851	4	16.96
Total		6,559,428	31,007	\$551,189,134	\$17,776	722	11.01

*These localities each had a reported incident with a large fire dollar loss amount which contributed to the combined total for their locality. Middlesex County reported an incident in 2006 with a total fire dollar loss of \$60,000,000 and Harrisonburg reported an incident with a total fire dollar loss of \$75,002,636.

Chapter 4 - Training

FSTRS (Fire Service Training Records System)

Description of Schools

As the only agency in the Commonwealth accredited by the National Board on Fire Service Qualifications (Pro-Board), Virginia Department of Fire Programs coordinates funded, non-funded, and reimbursable fire-rescue training and certification courses across Virginia.

Funded schools are directly funded and delivered by VDFP at no cost to departments or students, with the exception of textbooks if applicable. Instructors for these classes are VDFP wage employees. VDFP personnel are responsible for the administration and management of the schools.

Non-funded schools require students and/or departments to cover all costs of registration, lodging, meals, text books, and instructor salaries. VDFP supports these schools through coordination, technical assistance, equipment loan, marketing, certification, and administrative records management.

Reimbursable schools are coordinated, delivered, and initially funded by VDFP, which is later reimbursed by the department or the locality receiving the training.

In Fiscal Year 2007, VDFP has had sufficient funding for 30% of all direct training requests statewide. This funding comes from VDFP's annual operating budget, which is completely derived from the special revenue Fire Programs Fund established in the Code of Virginia § 38.2-401. Because there is not a dedicated funding source for statewide training, schools funded by VDFP must be paid for with money remaining after all mandated disbursements/transfers are made from the Fund in accordance with the COV and the Appropriations Act.

Type of Schools

VDFP coordinated a total 2,123 schools in FY 2007 in Virginia, including 547 funded schools (26%), 1,538 non-funded schools (72%) and 38 reimbursable schools (2%). (See Figure 33 and Table 27.) The total number of schools have remained steady during the last few years with 2,126 schools conducted in FY 2006 and 1,952 conducted in FY 2005. There were 547 funded schools in FY 2007, a 17.6 percent decrease from FY 2006. (See Figure 34.)

Figure 33. Type of Fire Service Schools, FY2007

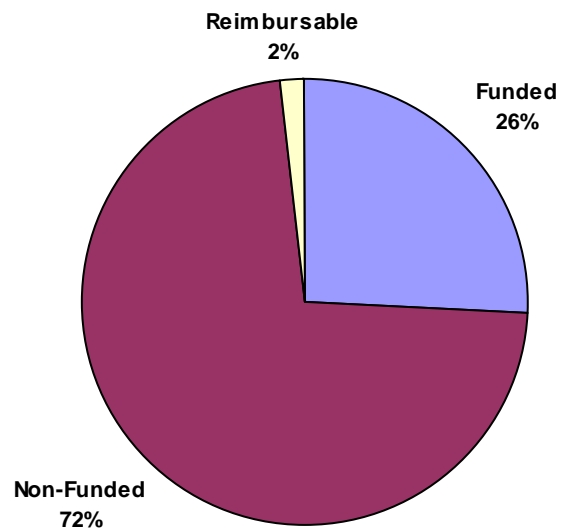


Figure 34. Type of Fire Service Schools By Fiscal Year

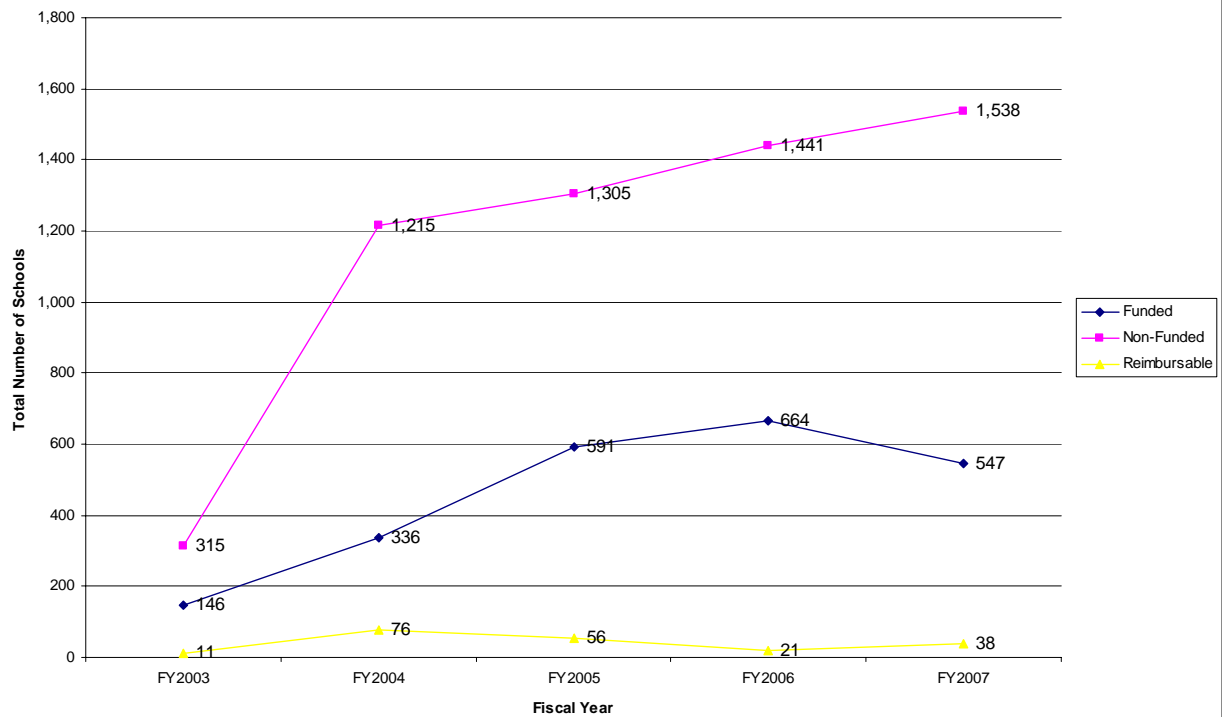


Table 27. Number of Fire Service Schools By Type, FY 2003-2007

Type of School	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Grand Total
Funded	146	336	591	664	547	2,284
Non-Funded	315	1,215	1,305	1,441	1,538	5,814
Reimbursable	11	76	56	21	38	202
Grand Total	472	1,627	1,952	2,126	2,123	8,300

Table 28. Number of Active Students By Virginia Region

Region	Career	Volunteer	Both Career and Volunteer	EMS	Brigade	Other	Undetermined or Not Reported	Grand Total
Central	2,783	8,220	358	2,101	3,677	3,229	748	21,116
Coastal	3,754	3,366	258	1,745	205	1,584	258	11,170
Mountain	237	4,722	119	818	396	507	243	7,042
Northern	2,625	4,781	516	1,440	21	930	574	10,887
Valley	1,106	4,424	276	1,267	440	609	253	8,375
Grand Total	10,505	25,513	1,527	7,371	4,739	6,859	2,076	58,590

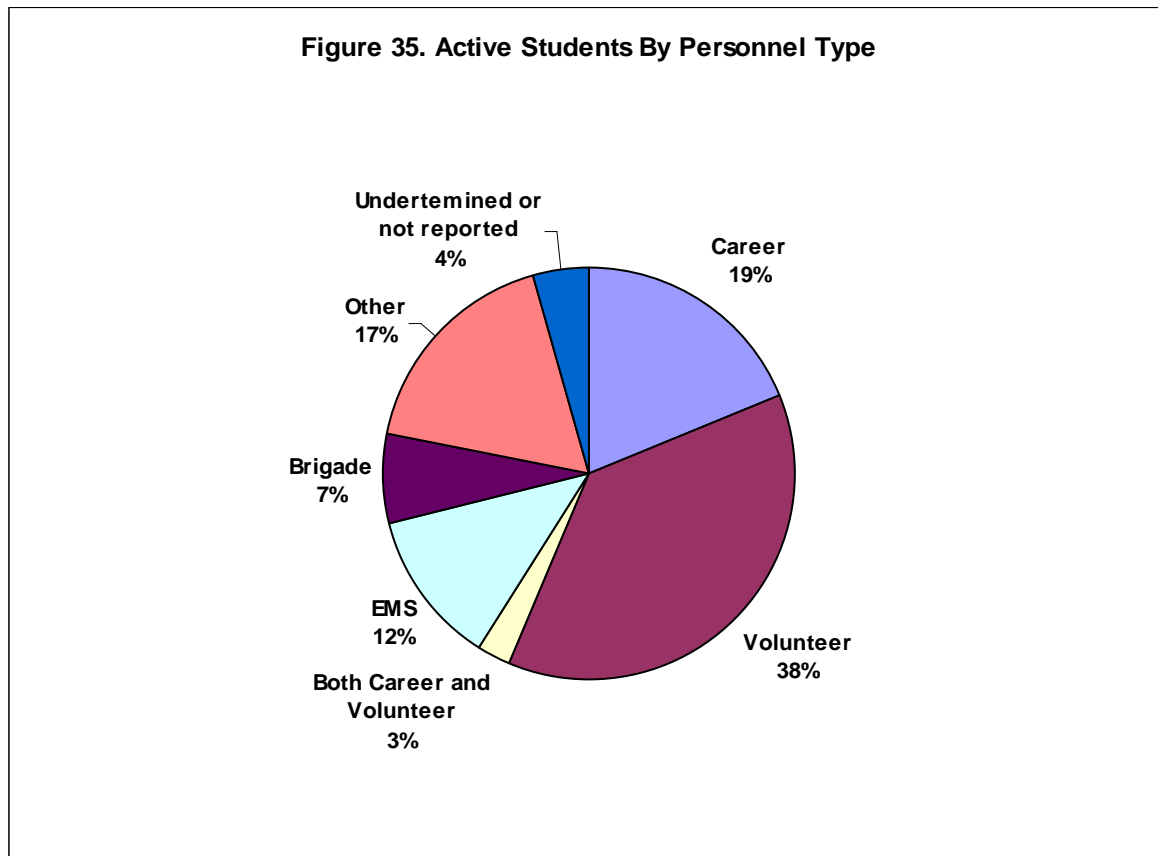
Active Students

Currently, there are 58,590 active students in the Fire Service Training Records System (FSTRS). (See Table 28.)

A detailed list of the number of active students by personnel type by locality is found in the Supplemental Table 9 at the end of this section.

Personnel Type

Student's classifications were derived from all the different types of fire service. Volunteer firefighters account for 38 percent of the students and paid career firefighters make up 19 percent. (See Figure 35.)



Student Demographics

VDFP's fire-rescue training and certification courses serve a diverse group of students across Virginia. The majority of the students from the FSTRS database are Male (82%). When compiling the statistics on race among students, eighty-three percent are White. (See Figure 36 and Figure 37.)

Figure 36. Active Students By Sex

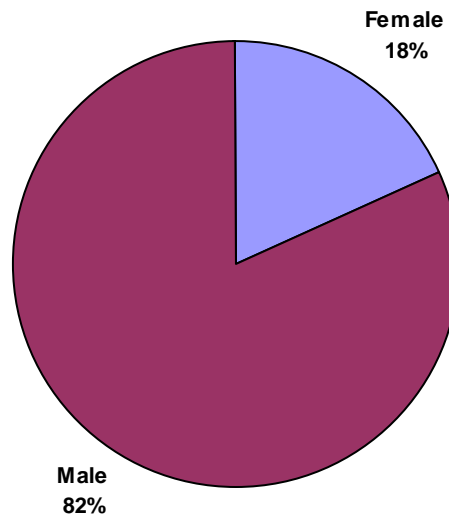
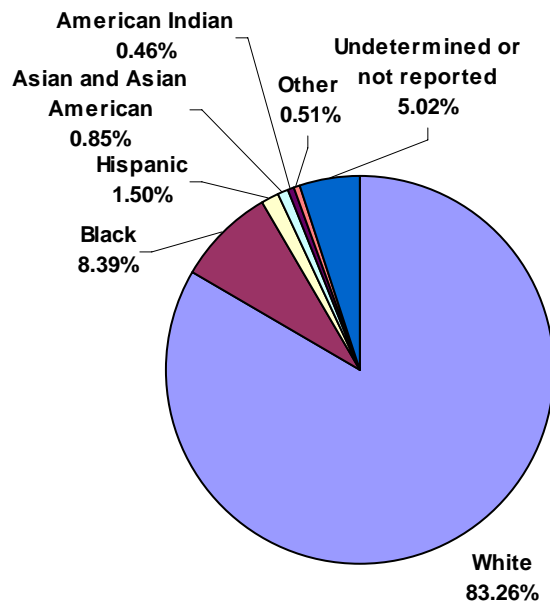


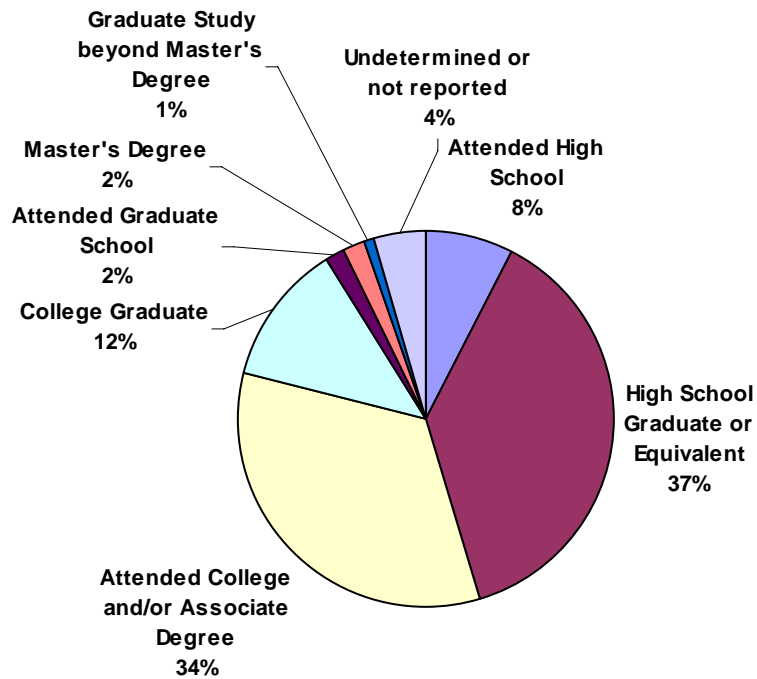
Figure 37. Active Students By Race



Education Level

Currently, the active student records in FSTRS show that 37 percent of students are high school graduates, 34 percent attended college and/or have an associate's degree, and 12 percent are college graduates. (See Chart 38.)

Figure 38. Active Students By Education Level



Please see Supplemental Table 10 for the current number of certifications by Virginia region by certification type.

Supplemental Table 9. Number of Active Students By Personnel Type By Locality

FIPS	County/City	Career	Volunteer	Both Career and Volunteer	EMS	Brigade	Other	Undetermined or Not Reported	Grand Total
001	Accomack County	29	419	33	79	1	18	9	588
003	Albemarle County	74	545	20	93	2	50	16	800
005	Alleghany County	1	304	4	7	0	7	7	330
007	Amelia County	1	87	4	7	0	1	1	101
009	Amherst County	10	111	11	40	131	35	4	342
011	Appomattox County	0	86	1	6	69	12	8	182
013	Arlington County	413	58	17	5	1	24	21	539
015	Augusta County	35	549	34	70	104	62	35	889
017	Bath County	0	51	1	10	0	0	3	65
019	Bedford County	11	456	9	179	119	115	18	907
021	Bland County	3	134	1	11	0	8	3	160
023	Botetourt County	7	306	4	66	1	15	5	404
025	Brunswick County	3	185	4	37	0	16	10	255
027	Buchanan County	7	244	0	17	0	4	7	279
029	Buckingham County	1	122	2	37	0	5	3	170
031	Campbell County	6	422	4	115	174	107	13	841
033	Caroline County	20	268	17	87	0	45	20	457
035	Carroll County	0	218	6	41	1	10	6	282
036	Charles City County	0	73	0	3	0	4	4	84
037	Charlotte County	0	148	0	11	44	7	16	226
041	Chesterfield County	492	401	29	140	1,721	775	124	3,682
043	Clarke County	3	122	2	4	0	3	7	141
045	Craig County	1	128	0	36	0	4	4	173
047	Culpeper County	6	257	15	59	0	61	16	414
049	Cumberland County	0	95	1	44	0	9	4	153
051	Dickenson County	2	137	0	26	1	5	3	174
053	Dinwiddie County	8	218	4	62	0	29	11	332
057	Essex County	0	68	2	20	0	18	0	108
059	Fairfax County	864	144	54	22	0	41	18	1,143
061	Fauquier County	45	461	24	103	0	52	54	739
063	Floyd County	1	108	0	23	0	3	4	139
065	Fluvanna County	2	122	3	11	0	4	3	145
067	Franklin County	22	386	8	67	99	17	21	620
069	Frederick County	57	416	53	41	15	37	15	634
071	Giles County	26	229	9	29	47	7	16	363
073	Gloucester County	0	228	12	104	1	12	9	366
075	Gochoiland County	2	278	6	48	0	18	10	362
077	Grayson County	4	224	0	62	0	8	10	308
079	Greene County	3	70	1	9	0	10	5	98
083	Halifax County	2	512	2	49	57	19	68	709
085	Hanover County	129	502	40	216	54	234	36	1,211

Supplemental Table 9. Number of Active Students By Personnel Type By Locality

FIPS	County/City	Career	Volunteer	Both Career and Volunteer	EMS	Brigade	Other	Undetermined or Not Reported	Grand Total
087	Henrico County	536	40	27	50	148	300	65	1,166
089	Henry County	18	315	20	80	264	387	49	1,133
091	Highland County	0	45	0	4	0	1	3	53
093	Isle of Wight County	4	238	12	58	87	18	19	436
095	James City County	97	73	21	33	0	5	3	232
097	King and Queen County	1	47	0	2	0	6	6	62
099	King George County	18	139	9	36	1	44	7	254
101	King William County	0	133	3	9	104	21	6	276
103	Lancaster County	7	102	1	5	0	14	9	138
105	Lee County	0	157	0	12	0	5	7	181
107	Loudoun County	341	1,029	134	416	2	26	62	2,010
109	Louisa County	16	233	6	42	2	21	17	337
111	Lunenburg County	2	170	2	23	0	42	22	261
113	Madison County	3	64	2	24	0	0	2	95
115	Mathews County	0	53	1	12	0	2	1	69
117	Mecklenburg County	3	316	5	71	19	54	21	489
119	Middlesex County	0	76	3	9	1	5	1	95
121	Montgomery County	3	209	3	115	18	20	8	376
125	Nelson County	18	207	10	46	0	17	9	307
127	New Kent County	11	164	6	26	1	27	12	247
131	Northampton County	1	120	3	20	0	5	2	151
133	Northumberland County	1	55	0	10	0	10	6	82
135	Nottoway County	2	145	3	10	0	87	11	258
137	Orange County	22	192	9	28	0	48	7	306
139	Page County	1	112	3	37	0	5	11	169
141	Patrick County	4	278	2	29	2	7	15	337
143	Pittsylvania County	5	606	8	19	39	13	40	730
145	Powhatan County	0	143	5	7	0	18	5	178
147	Prince Edward County	2	239	2	21	0	3	3	270
149	Prince George County	9	291	7	36	1	32	7	383
153	Prince William County	313	1,030	70	192	2	84	189	1,880
155	Pulaski County	23	304	11	54	62	122	29	605
157	Rappahannock County	0	150	5	24	0	6	11	196
159	Richmond County	0	47	1	1	0	23	2	74
161	Roanoke County	148	478	28	215	0	48	38	955
163	Rockbridge County	5	336	5	47	0	10	14	417
165	Rockingham County	68	437	37	108	53	73	32	808
167	Russell County	2	179	6	50	0	13	7	257
169	Scott County	0	151	3	4	0	1	1	160
171	Shenandoah County	15	318	18	47	0	19	15	432
173	Smyth County	5	339	5	102	33	63	9	556

Supplemental Table 9. Number of Active Students By Personnel Type By Locality

FIPS	County/City	Career	Volunteer	Both Career and Volunteer	EMS	Brigade	Other	Undetermined or Not Reported	Grand Total
175	Southampton County	2	243	10	45	22	3	10	335
177	Spotsylvania County	125	425	44	93	3	249	54	993
179	Stafford County	88	700	67	294	12	141	46	1,348
181	Surry County	0	46	1	2	2	1	0	52
183	Sussex County	2	103	2	13	126	1	2	249
185	Tazewell County	21	435	22	31	6	93	61	669
187	Warren County	27	245	10	7	0	13	6	308
191	Washington County	5	406	8	32	32	17	5	505
193	Westmoreland County	2	159	8	19	0	33	14	235
195	Wise County	5	245	15	26	1	12	8	312
197	Wythe County	13	204	4	39	10	23	15	308
199	York County	150	70	18	2	0	15	3	258
510	Alexandria	260	25	12	64	0	80	35	476
515	Bedford	5	64	0	3	20	37	3	132
520	Bristol	73	2	2	34	11	23	4	149
530	Buena Vista	3	73	0	7	0	5	4	92
540	Charlottesville	101	96	13	350	3	47	27	637
550	Chesapeake	548	61	17	49	1	115	11	802
560	Alleghany County	0	18	4	1	0	0	0	23
570	Colonial Heights	45	72	8	13	1	49	4	192
580	Covington	4	113	2	10	154	20	3	306
590	Danville	160	19	18	26	111	70	5	409
595	Emporia	0	66	0	1	0	10	1	78
600	Fairfax	49	68	17	4	0	5	6	149
610	Falls Church	1	55	1	4	0	9	16	86
620	Franklin	14	135	11	23	0	8	8	199
630	Fredericksburg	52	25	10	47	0	80	13	227
640	Galax	6	53	2	1	73	44	0	179
650	Hampton	351	387	42	189	0	24	25	1,018
660	Harrisonburg	79	58	13	109	19	8	9	295
670	Hopewell	50	4	5	15	187	21	4	286
678	Lexington	3	59	0	29	0	11	4	106
680	Lynchburg	259	14	8	28	125	191	33	658
683	Manassas	27	71	22	25	1	26	10	182
685	Manassas Park	21	15	7	1	0	1	3	48
690	Martinsville	26	22	14	5	14	53	7	141
700	Newport News	573	7	7	16	0	316	5	924
710	Norfolk	714	4	2	3	0	63	6	792
720	Norton	0	30	7	1	0	1	0	39
730	Petersburg	125	3	10	4	0	48	9	199
735	Poquoson	30	59	7	16	0	3	2	117

Supplemental Table 9. Number of Active Students By Personnel Type By Locality

FIPS	County/City	Career	Volunteer	Both Career and Volunteer	EMS	Brigade	Other	Undetermined or Not Reported	Grand Total
740	Portsmouth	315	3	2	7	1	0	8	336
750	Radford	12	50	5	12	0	1	4	84
760	Richmond	604	9	9	14	224	198	23	1,081
770	Roanoke	431	48	9	271	0	147	19	925
775	Salem	85	15	0	78	0	2	3	183
780	Halifax County	10	49	3	0	0	25	4	91
790	Staunton	36	13	6	4	0	5	1	65
800	Suffolk	246	228	11	15	1	30	7	538
810	Virginia Beach	616	283	32	996	4	749	79	2,759
820	Waynesboro	44	36	19	45	58	87	5	294
830	Williamsburg	40	24	4	4	0	3	2	77
840	Winchester	53	144	24	14	36	27	10	308
Grand Total		10,505	25,513	1,527	7,371	4,739	6,859	2,076	58,590

Supplemental Table 10. Number of Certifications By Virginia Region By Certification Type

Code	Description	Level	Central Region	Coastal Region	Mountain Region	Northern Region	Valley Region	Grand Total
A	FIRE FIGHTER TRAINING	1	1,043	331	513	496	527	2,910
		2	641	278	215	356	300	1,790
		3	484	381	136	341	120	1,462
		4	0	1	0	0	0	1
		5	6	2	0	0	0	8
		7	1	12	0	0	0	13
	FIRE FIGHTER TRAINING Total		2,175	1,005	864	1,193	947	6,184
B	FIRE APPARATUS DRIVER/OPERATOR	1	0	33	0	1	1	35
		2	0	0	0	0	1	1
		3	35	9	1	0	2	47
		4	0	0	0	3	0	3
		6	5	1	0	6	3	15
		7	0	0	0	4	0	4
	FIRE APPARATUS DRIVER/OPERATOR Total		40	43	1	14	7	105
C	FIRE OFFICER TRAINING	1	888	1,238	116	742	504	3,488
		2	331	506	38	348	299	1,522
		3	96	49	4	197	100	446
		4	4	6	0	13	17	40
		5	0	7	0	0	0	7
			1,319	1,806	158	1,300	920	5,503
	FIRE OFFICER TRAINING Total							
D	FIRE PREVENTION INSPECTOR TRAINING	1	8	0	1	10	0	19
		2	258	206	26	346	94	930
		3	0	1	1	3	0	5
E	FIRE PREVENTION INSPECTOR TRAINING Total		266	207	28	359	94	954
		1	1	0	0	0	0	1
		2	195	144	27	160	97	623
		3	72	7	1	29	18	127
		4	11	0	0	7	6	24
		6	2	0	0	0	0	2
		7	19	1	11	0	1	32
F	FIRE INVESTIGATOR TRAINING Total		300	152	39	196	122	809
		1	118	24	3	11	39	195
		3	0	1	0	0	0	1
		5	0	0	0	1	0	1
G	FIRE PREVENTION EDUCATION OFFICER TRAINING Total		118	25	3	12	39	197
		1	1,504	1,543	301	1,121	732	5,201
		2	637	696	95	492	268	2,188
		3	560	453	135	266	219	1,633
		4	47	27	12	30	18	134
		5	17	0	0	2	1	20
		6	0	1	0	0	0	1
		7	0	1	0	0	0	1

Supplemental Table 10. Number of Certifications By Virginia Region By Certification Type

Code	Description	Level	Central Region	Coastal Region	Mountain Region	Northern Region	Valley Region	Grand Total
G	FIRE SERVICES TRAINING INSTRUCTOR Total		2,765	2,721	543	1,911	1,238	9,178
H	AIRPORT FIRE FIGHTER TRAINING	1	68	58	0	47	30	203
		2	37	78	1	79	22	217
		3	1	0	0	0	0	1
		5	0	3	0	0	2	5
		7	1	3	0	0	0	4
	AIRPORT FIRE FIGHTER TRAINING Total		107	142	1	126	54	430
I	FIRST RESPONDER; EMT/CCT	1	8	0	0	1	0	9
		2	1	0	0	1	13	15
		4	2	0	0	0	0	2
		5	0	0	0	1	0	1
		6	34	0	0	0	0	34
	FIRST RESPONDER; EMT/CCT Total		45	0	0	3	13	61
J	EEO/AA HUMAN RELATIONS INSTRUCTOR	1	12	0	0	0	1	13
	EEO/AA HUMAN RELATIONS INSTRUCTOR Total		12	0	0	0	1	13
K	FIRE ATTACK	1	19	3	0	1	1	24
	FIRE ATTACK Total		19	3	0	1	1	24
L	HAZARDOUS MATERIAL INCIDENT INSTRUCTOR	1	57	31	22	28	27	165
		2	0	0	0	1	0	1
		3	59	86	25	91	45	306
		4	44	76	14	47	23	204
	HAZARDOUS MATERIAL INCIDENT INSTRUCTOR Total		160	193	61	167	95	676
M	HAZARDOUS MATERIAL INCIDENT TRAINING	1	43	28	7	55	32	165
		2	34	19	17	34	23	127
		3	7	11	0	8	6	32
		4	1	1	1	1	0	4
		5	10,822	8,174	3,318	5,761	4,193	32,268
		6	1,795	327	82	93	221	2,518
		7	3,917	4,623	1,238	3,867	2,427	16,072
		8	1	0	0	67	1	69
	HAZARDOUS MATERIAL INCIDENT TRAINING Total		16,620	13,183	4,663	9,886	6,903	51,255
P	INDUSTRIAL FIRE BRIGADE	1	1,625	129	136	3	357	2,250
		2	489	1	25	2	83	600
		5	0	0	0	1	0	1
	INDUSTRIAL FIRE BRIGADE Total		2,114	130	161	6	440	2,851
Q	FARM MACHINERY SAFETY & EXTRICATION	1	316	116	258	49	142	881
		2	0	3	1	0	0	4
		3	0	0	0	0	1	1
	FARM MACHINERY SAFETY & EXTRICATION Total		316	119	259	49	143	886
R	HEAVY AND TACTICAL RESCUE NFPA 1006	1	2	95	7	1	0	105
		2	35	103	5	44	31	218
		3	0	0	1	2	1	4

Supplemental Table 10. Number of Certifications By Virginia Region By Certification Type

Code	Description	Level	Central Region	Coastal Region	Mountain Region	Northern Region	Valley Region	Grand Total
R	HEAVY AND TACTICAL RESCUE NFPA 1006	4	64	62	30	46	50	252
		5	3	43	0	2	48	96
		6	0	1	0	0	0	1
		7	21	28	1	2	66	118
HEAVY AND TACTICAL RESCUE NFPA 1006 Total								
S	DRIVER/OPERATOR CERTIFICATION PROGRAM	1	2,138	1,995	1,944	1,335	1,997	9,409
		2	2,310	2,042	1,836	1,742	1,795	9,725
		3	3,786	2,624	1,677	1,273	2,194	11,554
		4	256	82	45	353	288	1,024
		5	27	25	69	29	13	163
		6	338	1,504	68	595	242	2,747
		7	319	569	49	363	251	1,551
DRIVER/OPERATOR CERTIFICATION PROGRAM Total								
T	PUBLIC FIRE & LIFE SAFETY EDUCATION	1	177	49	33	248	49	556
		2	31	248	0	134	16	429
		3	0	7	0	0	0	7
		4	0	4	0	0	0	4
		5	0	1	0	0	0	1
		6	0	1	0	0	0	1
		7	3	168	0	1	0	172
PUBLIC FIRE & LIFE SAFETY EDUCATION Total								
U	FIREFIGHTER CERTIFICATION COURSE (NFPA 1001)	1	4,484	2,919	1,292	2,786	2,396	13,877
		2	3,035	2,791	523	2,059	1,518	9,926
		3	1	16	0	4	8	29
		4	0	0	0	1	0	1
		5	2	4	1	2	0	9
		6	1	0	0	0	0	1
		7	10	6	1	11	4	32
FIREFIGHTER CERTIFICATION COURSE (NFPA 1001) Total								
V	EMERGENCY VEHICLE OPERATIONS COURSE	1	1,128	453	549	471	515	3,116
		2	1,984	1,460	680	1,495	1,553	7,172
		3	2,086	1,828	712	1,379	1,492	7,497
		4	40	166	27	38	34	305
		5	13	7	0	6	3	29
EMERGENCY VEHICLE OPERATIONS COURSE Total								
X	MOTORSPORTS EMERGENCY RESPONSE TRAINING (NFPA 610)	1	0	0	1	0	0	1
		2	2	0	0	0	12	14
		3	0	4	9	5	2	20
MOTORSPORTS EMERGENCY RESPONSE TRAINING (NFPA 610) Total			2	4	10	5	14	35
Grand Total			48,672	39,034	16,341	29,650	25,595	159,292

Chapter 5 - Funding

Introduction

This chapter provides an overview of available funding programs for local fire departments. It is meant to serve as a guide only and is not a comprehensive listing.

Federal Funding Programs

Assistance to Firefighters Grant (AFG) Program

Beginning in 2001, the Assistance to Firefighters Grant Program is the first federal grant program specifically designed to provide direct funding to local municipal fire departments. The program is administered by the United States Fire Administration (USFA), which is located under the Federal Emergency Management Agency (FEMA) and the Department of Homeland Security (DHS).

All local fire departments nationwide are eligible to apply for this assistance. Federal and state fire agencies, including VDFP, however, are not eligible to apply for funding. Activities that are eligible under the Fire Act include fire operations and firefighter safety, fire prevention, emergency medical services, and the purchase of firefighting vehicles.

Table 29. Virginia's AFG Award Experience FFY 2001-2007

Federal Fiscal Year	Amount
FFY 2001	\$2,066,269
FFY 2002	\$8,790,202
FFY 2003	\$16,413,490
FFY 2004	\$16,998,252
FFY 2005	\$14,881,633
FFY 2006	\$8,317,849
FFY 2007	\$4,521,866

A detailed breakdown of Virginia's AFG experience (FFY 2001-2007) is found in Appendix VII.

Staffing for Adequate Fire and Emergency Response (SAFER)

SAFER awards grants directly to volunteer, combination, and career fire departments to help the departments increase their cadre of firefighters. Ultimately, the goal is for SAFER grantees to enhance their ability to attain 24-hour staffing, thus assuring their communities have adequate protection from fire and fire-related hazards. The SAFER grants have two activities

that will help grantees attain this goal: 1) hiring of firefighters, and 2) recruitment and retention of volunteer firefighters.

SAFER requires an overall non-federal match minimum (10, 20, 50, and 70 percent) in years one through four of the grant. SAFER was funded in the United States for FFY 2005 at \$64 million and was funded for FFY 2006 at \$76 million.

In 2005, the Virginia General Assembly appropriated \$250,000 from the general fund for FY 2006 to provide matching funds for localities participating in the SAFER Program.

Table 30. Virginia's SAFER Award Experience FFY 2005-2006

Federal Fiscal Year	Amount
FFY 2005	\$2,091,400
FFY 2006	\$3,249,878

Additional Reports on Virginia's SAFER experience (FFY 2005-2006) may be found in Appendix VIII.

Fire Prevention and Safety (FP&S) Grants

The Fire Prevention and Safety (FP&S) Grants are part of the Assistance to Firefighters Grants (AFG). FP&S grants support projects that enhance the safety of the public and firefighters from fire and related hazards. The primary goal is to target high-risk populations and mitigate high incidences of death and injury. Examples of the types of projects supported by FP&S include fire prevention and public safety education campaigns, juvenile firesetter interventions, media campaigns, and arson prevention and awareness programs. In Fiscal Year 2005, Congress reauthorized funding for FP&S and expanded the eligible uses of funds to include Firefighter Safety Research and Development.

Table 31. Virginia's FP&S Award Experience FFY 2004-2006

Federal Fiscal Year	Amount
FFY 2004	\$1,069,978
FFY 2005	\$2,764,551
FFY 2006	\$4,110,000

For more information on Virginia's FP&S experience (FFY 2004-2006), please see Appendix IX.

State Homeland Security Grants

State Homeland Security Grants administered by the Virginia Department of Emergency Management with federal funds from the Department of Homeland Security are a new potential

source of funding for the fire service. Funding from these grants pass through localities to selected agencies. While some fire departments receive these funds designated for specific, dedicated uses, others do not. As a future source of dependable funding, the long term dependability of the grants is unknown.

State Funding Programs

Rescue Squad Assistance Fund

The Rescue Squad Assistance Fund, which is administered by the Office of Emergency Medical Services, provides approximately \$6.5 million to volunteer rescue squads or other emergency medical service organizations that operate on a non-profit basis exclusively for the benefit of the general public. The primary goal of this program is to financially assist non-profit EMS agencies and organizations to purchase EMS equipment and vehicles.

Fire Programs Fund

Description of Fund

The Fire Programs Fund, which was established in § 38.2-401 of the Code of Virginia, is derived from a 1 percent levy on insurance premiums for homeowners, marine, farm, miscellaneous property, and fire insurance.

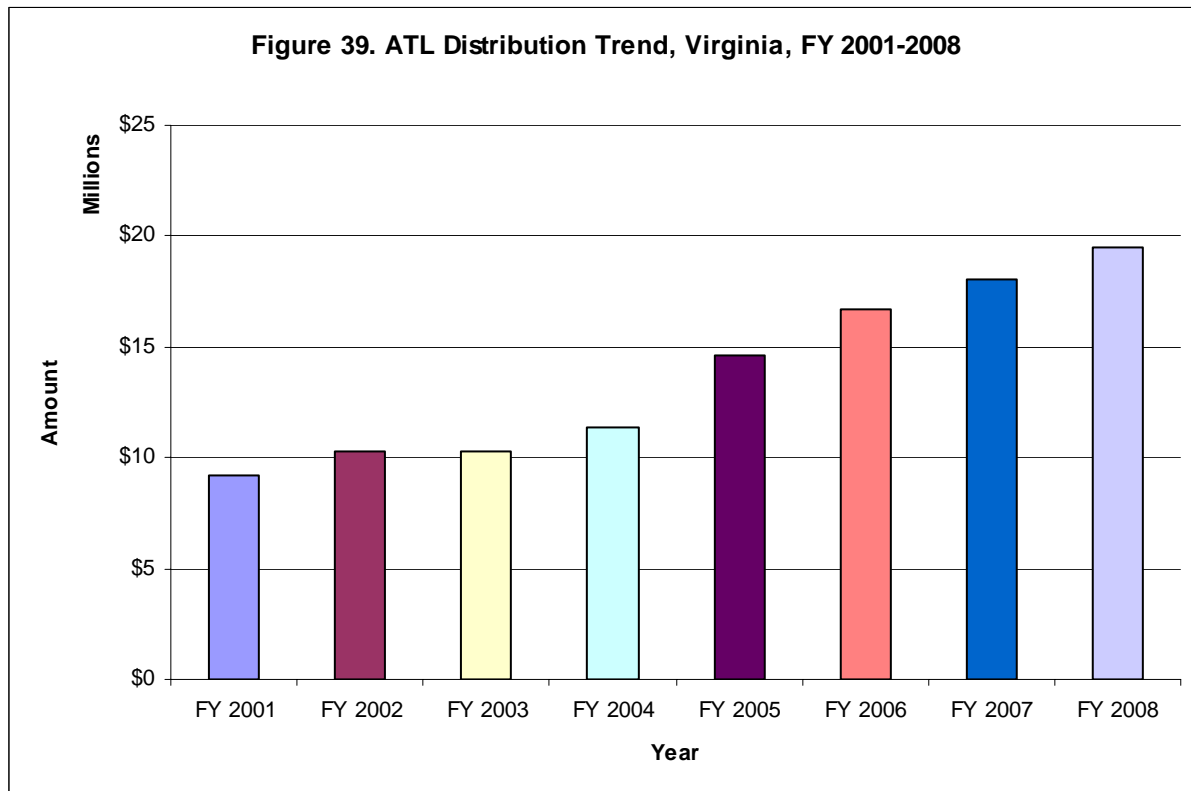
Aid to Localities (ATL) Program

After committed fixed obligations, 75% of the Fund is annually distributed to 324 counties, cities, and incorporated towns within the Commonwealth as part of the Aid to Localities (ATL) program. ATL provides Virginia cities, towns, and counties funding to pay for firefighting equipment, personal protective clothing and gear, and training.

These funds may not be used to supplant or replace any other appropriations by counties, cities, and towns for fire service operations. ATL allocations are population based. Effective July 1, 2007 (FY 2008), the ATL minimum for towns is \$8,000, and the ATL minimum for counties and cities is \$16,000. Prior to July 1, 2006, the ATL minimums were \$6,000 for towns and \$12,000 for counties and cities. While the overall size of the Fire Programs Fund increased each year, the amount of funding available for the ATL program was level from FY 2002 to FY 2003 as a result of statewide budget reductions.

Table 32. Total ATL Distribution, Virginia, FY 2001-2008

Fiscal Year	Amount
FY 2001	\$9,247,021.00
FY 2002	\$10,277,263.00
FY 2003	\$10,303,723.00
FY 2004	\$11,334,128.75
FY 2005	\$14,604,601.52
FY 2006	\$16,654,699.00
FY 2007	\$18,091,829.00
FY 2008	\$19,539,031.00

**Table 33. ATL Distribution to All Counties, FY 2001-2008**

Fiscal Year	Amount	Population
FY 2001	\$5,059,693.33	3,547,331
FY 2002	\$5,731,946.22	4,284,839
FY 2003	\$5,779,313.47	4,282,954
FY 2004	\$6,427,570.03	4,287,562
FY 2005	\$8,455,631.20	4,287,466
FY 2006	\$9,721,653.00	4,287,466
FY 2007	\$10,419,144.00	4,287,466
FY 2008	\$11,318,012.00	4,287,466

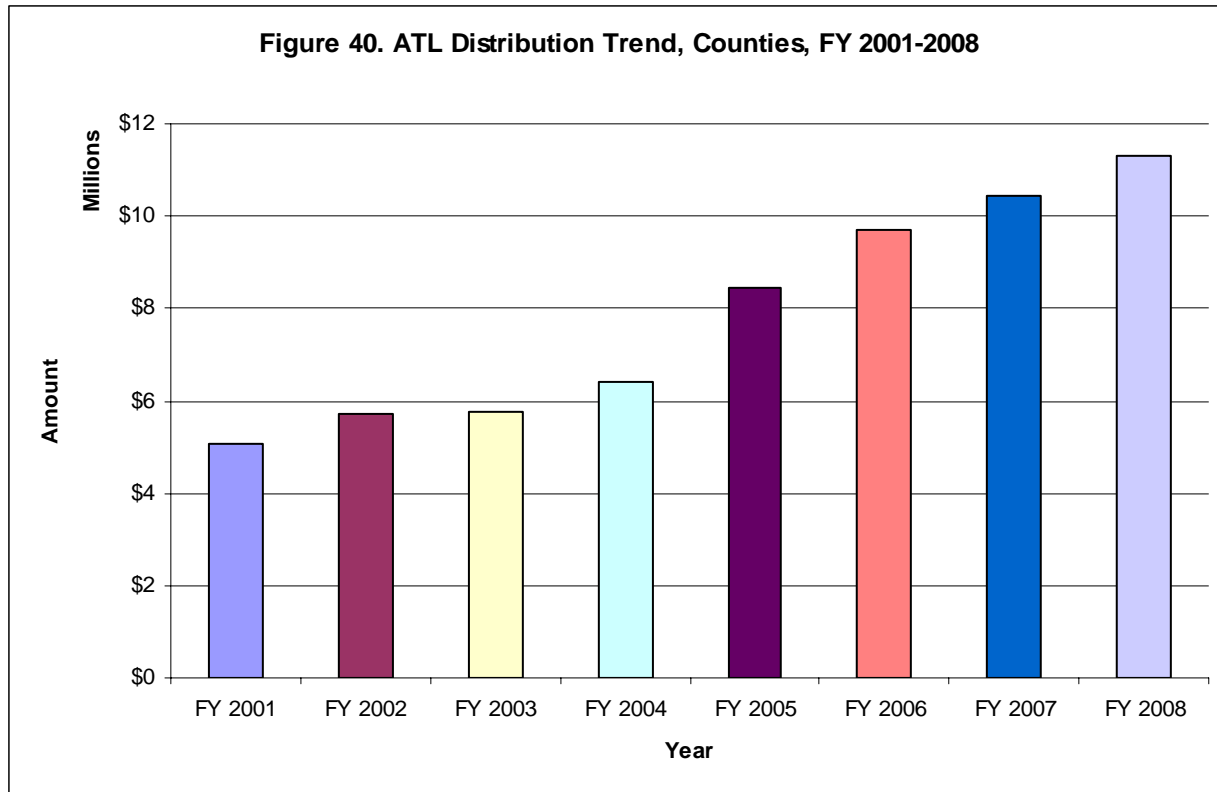


Table 34. Total ATL Distribution Summary, Counties, FY 2001-2008

Fiscal Year	Population		Allocation		Per Capita	
	Mean	Median	Mean	Median	Mean	Median
FY 2001	37,340	16,508	\$53,229.64	\$23,444.55	\$1.48	\$1.42
FY 2002	45,104	19,973	\$60,336.07	\$26,447.02	\$1.42	\$1.32
FY 2003	45,087	19,973	\$60,835.19	\$26,768.26	\$1.43	\$1.34
FY 2004	45,136	19,973	\$67,658.53	\$29,801.98	\$1.57	\$1.49
FY 2005	45,136	19,973	\$89,006.64	\$39,334.20	\$2.01	\$1.97
FY 2006	45,131	6,630	\$102,333.19	\$15,020.81	\$2.30	\$2.27
FY 2007	45,131	19,973	\$109,675.20	\$48,445.43	\$2.49	\$2.43
FY 2008	45,131	19,973	\$119,136.96	\$52,650.69	\$2.69	\$2.64

Table 35. ATL Distribution to All Cities, FY 2001-2008

Fiscal Year	Amount	Population
FY 2001	\$3,201,220.75	2,245,124
FY 2002	\$3,210,794.23	2,353,905
FY 2003	\$3,182,961.03	2,353,890
FY 2004	\$3,526,310.40	2,348,863
FY 2005	\$4,632,009.81	2,349,410
FY 2006	\$5,325,936.35	2,349,410
FY 2007	\$5,709,426.00	2,349,410
FY 2008	\$6,200,039.00	2,349,410

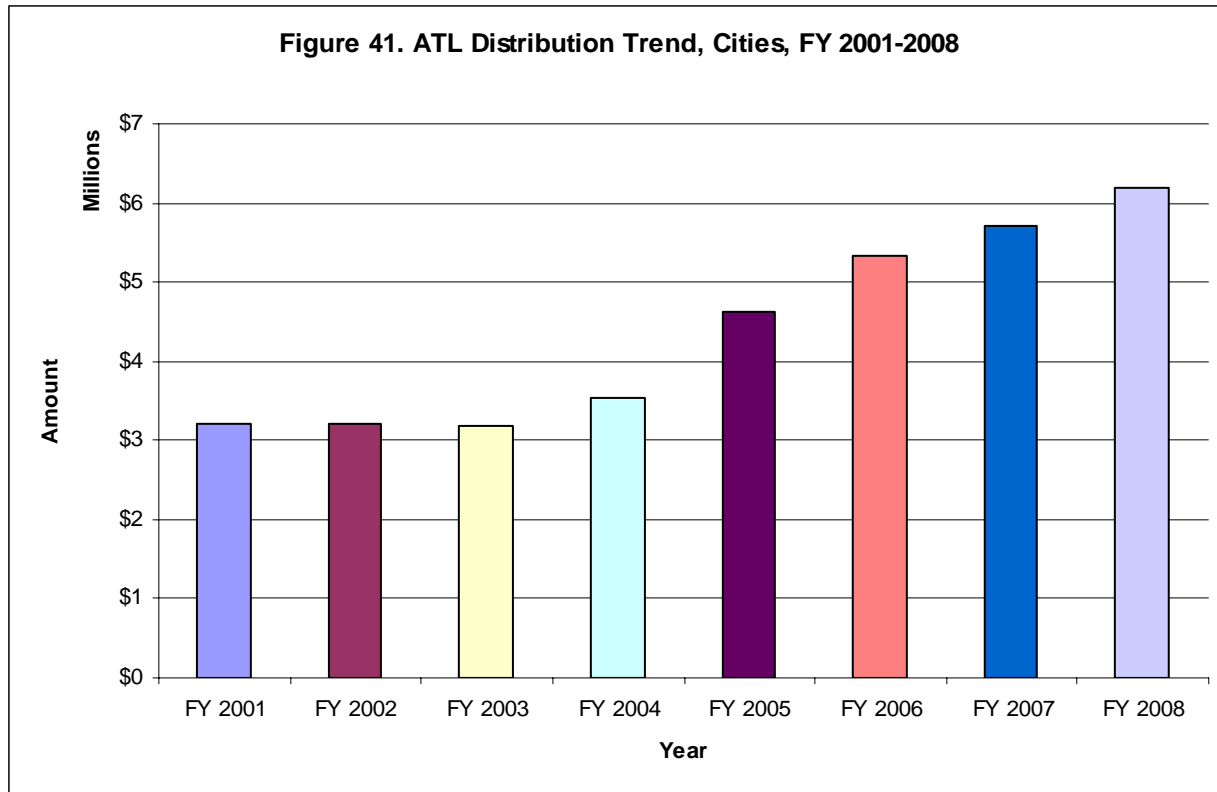


Table 36. Total ATL Distribution Summary, Cities, FY 2001-2008

Fiscal Year	Population		Allocation		Per Capita	
	Mean	Median	Mean	Median	Mean	Median
FY 2001	57,454	21,947	\$81,826.17	\$31,168.98	\$1.47	\$1.42
FY 2002	60,357	22,354	\$82,328.06	\$31,041.07	\$1.48	\$1.39
FY 2003	60,357	22,354	\$81,614.39	\$29,959.33	\$1.47	\$1.34
FY 2004	60,230	22,354	\$90,418.22	\$33,239.81	\$1.59	\$1.49
FY 2005	60,230	22,354	\$118,769.48	\$43,871.63	\$2.00	\$1.97
FY 2006	60,241	65,269	\$136,562.47	\$147,872.00	\$2.29	\$2.27
FY 2007	60,241	22,227	\$146,395.54	\$54,034.00	\$2.49	\$2.43
FY 2008	60,241	22,227	\$158,975.36	\$58,724.00	\$2.68	\$2.64

Table 37. ATL Distribution to All Towns, FY 2001-2008

Fiscal Year	Amount	Population
FY 2001	\$986,106.57	396,742
FY 2002	\$1,334,522.45	439,771
FY 2003	\$1,341,448.50	441,678
FY 2004	\$1,380,248.31	442,069
FY 2005	\$1,516,960.51	442,154
FY 2006	\$1,607,109.00	442,154
FY 2007	\$1,963,258.00	442,154
FY 2008	\$2,020,981.00	442,154

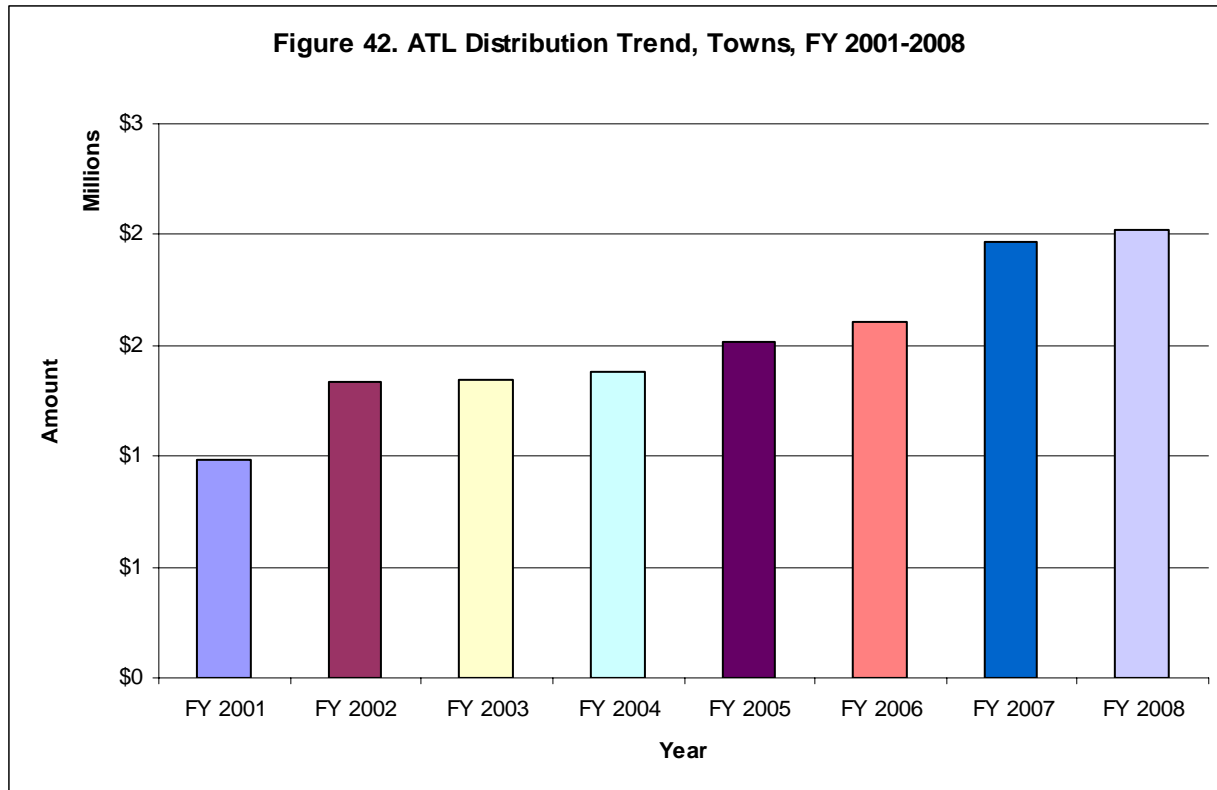


Table 38. Total ATL Distribution Summary, Towns, FY 2001-2008

Fiscal Year	Population		Allocation		Per Capita	
	Mean	Median	Mean	Median	Mean	Median
FY 2001	2,102	993	\$5,158.46	\$4,000.00	\$7.85	\$3.84
FY 2002	2,312	1,008	\$6,992.22	\$6,000.00	\$11.80	\$5.85
FY 2003	2,319	1,008	\$6,965.52	\$6,000.00	\$11.06	\$5.64
FY 2004	2,327	1,008	\$7,264.46	\$6,000.00	\$11.95	\$5.96
FY 2005	2,327	1,008	\$7,978.43	\$6,000.00	\$12.33	\$5.96
FY 2006	2,327	995	\$8,458.47	\$6,000.00	\$12.08	\$6.03
FY 2007	2,327	1,000	\$10,332.94	\$8,000.00	\$15.99	\$8.00
FY 2008	2,327	1,000	\$10,636.74	\$8,000.00	\$16.02	\$7.88

Fire Services Grant Program

The Fire Services Grant Program (\$1,000,000 annually) provides development grants for the construction and/or repair of burn buildings as provided for by the Fire Programs Fund per *The Code of Virginia § 38.2-401*. These grants make up \$975,000 of the \$1 million Fire Services Grant Program, and are awarded by the Virginia Fire Services Board.

VFIRS Hardware Technology Grants

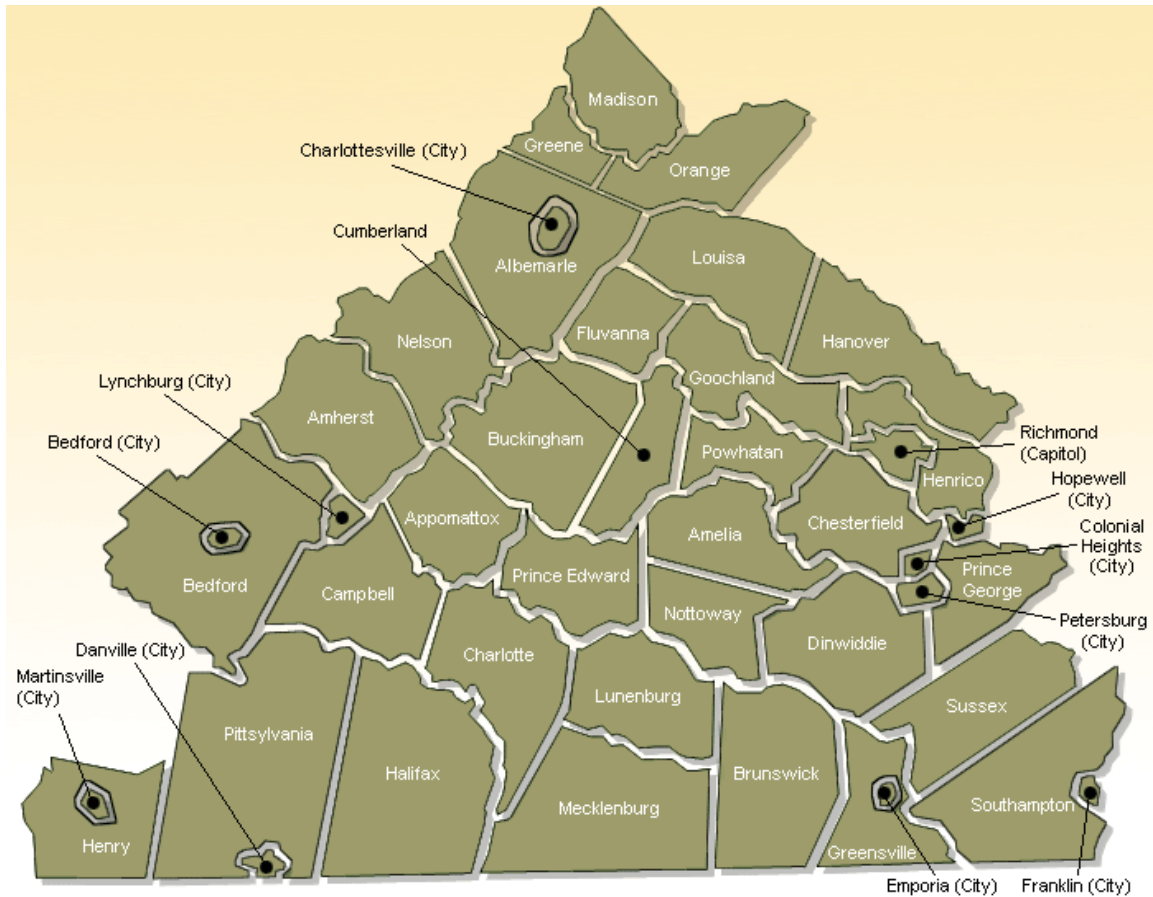
The remaining \$25,000 of the Fire Service Grant Program is awarded as Virginia Fire Incident Reporting System (VFIRS) Hardware Technology Grants. These grants provide localities up to \$1,000 to purchase computers to use in their reporting of fire incidents in VFIRS.

Virginia Dry Hydrant Grant Program

The Virginia Dry Fire Hydrant Grant Program is funded from the Fire Programs Fund and is administered through a partnership between the Virginia Department of Forestry and the Virginia Department of Fire Programs. It provides \$100,000 annually for the installation of dry fire hydrants into natural water supplies such as ponds or lakes, primarily in rural areas.

Appendix I - Virginia Regions *

Central Region



County/City	FIPS Code	House Districts	Senate Districts
Albemarle County	003	25, 57, 58, 59	24, 25
Amelia County	007	61	10
Amherst County	009	23, 24	15, 23
Appomattox County	011	59	15
Bedford	515	19	23
Bedford County	019	19, 22	23
Brunswick County	025	61, 75	15, 18
Buckingham County	029	59	15, 25
Campbell County	031	22	19, 23
Charlotte County	037	60	15
Charlottesville	540	57	25
Chesterfield County	041	27, 62, 63, 65, 66, 68, 69, 70	10, 11, 16
Colonial Heights	570	66	11
Cumberland County	049	59	10, 15
Danville	590	14	19
Dinwiddie County	053	63	16
Emporia	595	75	18

County/City	FIPS Code	House Districts	Senate Districts
Fluvanna County	065	58, 59	15
Franklin	620	64, 75	13, 18
Greene County	079	58	24
Greensville County	081	75	18
Halifax County	083	60	15
Hanover County	085	55, 97	4
Henrico County	087	56, 62, 70, 71, 72, 73, 74, 97	9, 10, 12
Henry County	089	10, 14, 16	20
Hopewell	670	62, 74	13, 16
Louisa County	109	56	17
Lunenburg County	111	61, 75	15, 18
Lynchburg	680	23	23
Madison County	113	30	17
Martinsville	690	10, 16	20
Mecklenburg County	117	61	15
Nelson County	125	59	25
Nottoway County	135	60, 61	18
Orange County	137	30, 58	17
Petersburg	730	63	16
Pittsylvania County	143	9, 14, 16	19
Powhatan County	145	65	10
Prince Edward County	147	59, 60	15
Prince George County	149	62, 74	13, 16
Richmond	760	68, 69, 70, 71, 73, 74	9, 10, 12, 16
Southampton County	175	64, 75	13, 18
Sussex County	183	75	18

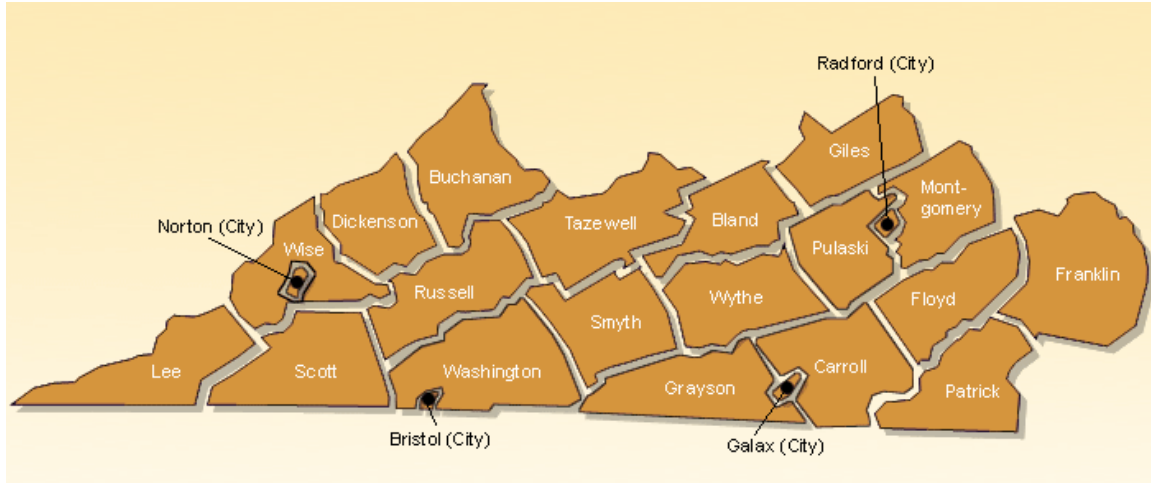
Coastal Region



County/City	FIPS Code	House Districts	Senate Districts
Accomack County	001	100	6
Charles City County	036	74	9
Chesapeake	550	76, 77, 78, 79, 80, 81, 90	5, 13, 14, 18
Essex County	057	98	4
Gloucester County	073	98	3
Hampton	650	91, 92, 95, 100	1, 2
Isle of Wight County	093	64, 75	13, 18
James City County	095	64, 93, 96	3
King and Queen County	097	97, 98	4
King George County	099	99	28
King William County	101	97, 98	4
Lancaster County	103	99	28
Mathews County	115	98	6

County/City	FIPS Code	House Districts	Senate Districts
Middlesex County	119	98	4
New Kent County	127	97	3
Newport News	700	93, 94, 95, 96	1, 2, 3
Norfolk	710	79, 80, 87, 89, 90, 100	5, 6
Northampton County	131	100	6
Northumberland County	133	99	28
Poquoson	735	91	1
Portsmouth	740	79, 80	2, 13, 18
Richmond County	159	99	28
Suffolk	800	76, 77, 79	2, 13, 18
Surry County	181	64	13
Virginia Beach	810	21, 81, 82, 83, 84, 85, 90	5, 6, 7, 8, 14
Westmoreland County	193	99	28
Williamsburg	830	64	3
York County	199	91, 96	1, 3

Mountain Region



County/City	FIPS Code	House Districts	Senate Districts
Bland County	021	6	38
Bristol	520	4	40
Buchanan County	027	3	38
Carroll County	035	5, 10	20
Dickenson County	051	2	38
Floyd County	063	9	20
Franklin County	067	9	19
Galax	640	5	20
Giles County	071	6, 12	21
Grayson County	077	5	20, 40
Lee County	105	1	40
Montgomery County	121	7, 12	21, 22
Norton	720	2	40
Patrick County	141	10	20
Pulaski County	155	6, 7	21, 38
Radford	750	7	22
Russell County	167	2, 3	38
Scott County	169	1	40
Smyth County	173	4, 5	38, 40
Tazewell County	185	3, 6	38
Washington County	191	1, 4	40
Wise County	195	1, 2	38, 40
Wythe County	197	5, 6	20, 38

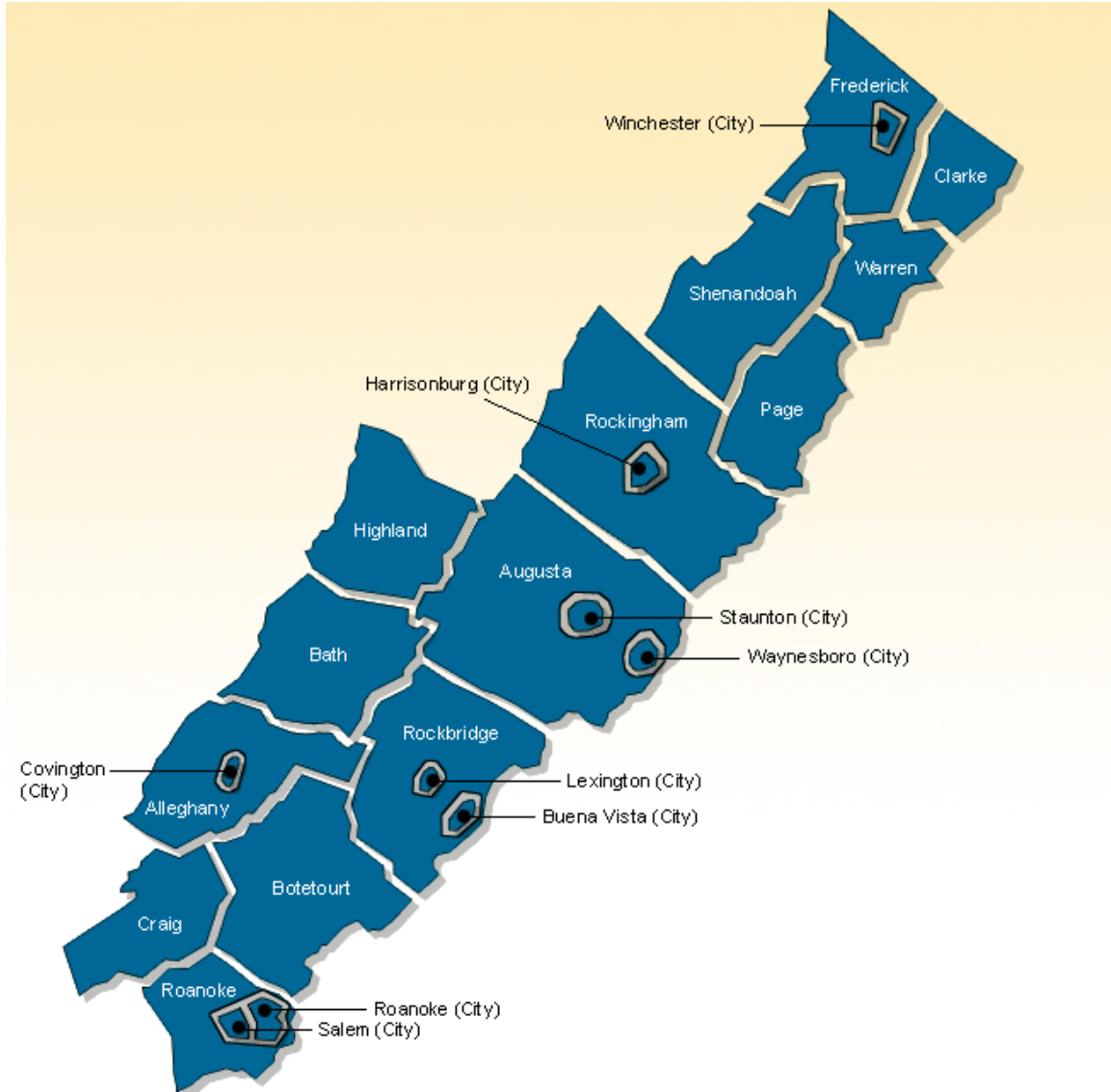
Northern Region



County/City	FIPS Code	House Districts	Senate Districts
Alexandria	510	45, 46, 49	30, 35
Arlington County	013	45, 47, 48, 49	30, 31
Caroline County	033	54, 97, 99	4
Culpeper County	047	30	17
Fairfax	600	37	34
Fairfax County	059	34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 49, 53, 67, 86	30, 31, 32, 33, 34, 35, 36, 37, 39
Falls Church	610	53	31
Fauquier County	061	18, 31, 88	27, 28
Fredericksburg	630	28	17, 28
Loudoun County	107	13, 32, 33, 67, 86	27, 33
Manassas	683	50	29
Manassas Park	685	50	29

County/City	FIPS Code	House Districts	Senate Districts
Prince William County	153	13, 31, 50, 51, 52	28, 29, 36, 39
Rappahannock County	157	15	26
Spotsylvania County	177	54, 88, 97	4, 17
Stafford County	179	28, 88	28

Valley Region



County/City	FIPS Code	House Districts	Senate Districts
Alleghany County	005	12	25
Augusta County	015	20, 24, 25	24
Bath County	017	12	25
Botetourt County	023	17, 19	22
Buena Vista	530	24	25
Clarke County	043	33	27
Covington	580	12	25
Craig County	045	12	21
Frederick County	069	18, 29	27
Harrisonburg	660	26	26
Highland County	091	20	24
Lexington	678	24	24

County/City	FIPS Code	House Districts	Senate Districts
Page County	139	15	26
Roanoke	770	11, 17	21
Roanoke County	161	8, 11, 17	21, 22
Rockbridge County	163	24	24, 25
Rockingham County	165	15, 20, 25, 26	24, 26
Salem	775	8	22
Shenandoah County	171	15	26
Staunton	790	20	24
Warren County	187	18	26
Waynesboro	820	25	24
Winchester	840	29	27

* The source for the different Virginia Regions was the Regional Community Map found at the Virginia State Government website, <http://www.virginia.gov/cmsportal2/>.

Appendix II - Virginia Localities By Region By House/Senate Districts

County/City	FIPS Code	Region	House Districts	Senate Districts
Accomack County	001	Coastal Region	100	6
Albemarle County	003	Central Region	25, 57, 58, 59	24, 25
Alexandria	510	Northern Region	45, 46, 49	30, 35
Alleghany County	005	Valley Region	12	25
Amelia County	007	Central Region	61	10
Amherst County	009	Central Region	23, 24	15, 23
Appomattox County	011	Central Region	59	15
Arlington County	013	Northern Region	45, 47, 48, 49	30, 31
Augusta County	015	Valley Region	20, 24, 25	24
Bath County	017	Valley Region	12	25
Bedford	515	Central Region	19	23
Bedford County	019	Central Region	19, 22	23
Bland County	021	Mountain Region	6	38
Botetourt County	023	Valley Region	17, 19	22
Bristol	520	Mountain Region	4	40
Brunswick County	025	Central Region	61, 75	15, 18
Buchanan County	027	Mountain Region	3	38
Buckingham County	029	Central Region	59	15, 25
Buena Vista	530	Valley Region	24	25
Campbell County	031	Central Region	22	19, 23
Caroline County	033	Northern Region	54, 97, 99	4
Carroll County	035	Mountain Region	5, 10	20
Charles City County	036	Coastal Region	74	9
Charlotte County	037	Central Region	60	15
Charlottesville	540	Central Region	57	25
Chesapeake	550	Coastal Region	76, 77, 78, 79, 80, 81, 90	5, 13, 14, 18
Chesterfield County	041	Central Region	27, 62, 63, 65, 66, 68, 69, 70	10, 11, 16
Clarke County	043	Valley Region	33	27
Colonial Heights	570	Central Region	66	11
Covington	580	Valley Region	12	25
Craig County	045	Valley Region	12	21
Culpeper County	047	Northern Region	30	17
Cumberland County	049	Central Region	59	10, 15
Danville	590	Central Region	14	19
Dickenson County	051	Mountain Region	2	38
Dinwiddie County	053	Central Region	63	16
Emporia	595	Central Region	75	18
Essex County	057	Coastal Region	98	4
Fairfax	600	Northern Region	37	34
Fairfax County	059	Northern Region	34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 49, 53, 67, 86	30, 31, 32, 33, 34, 35, 36, 37, 39
Falls Church	610	Northern Region	53	31
Fauquier County	061	Northern Region	18, 31, 88	27, 28
Floyd County	063	Mountain Region	9	20
Fluvanna County	065	Central Region	58, 59	15
Franklin	620	Central Region	64, 75	13, 18
Franklin County	067	Mountain Region	9	19
Frederick County	069	Valley Region	18, 29	27
Fredericksburg	630	Northern Region	28	17, 28
Galax	640	Mountain Region	5	20
Giles County	071	Mountain Region	6, 12	21
Gloucester County	073	Coastal Region	98	3
Goochland County	075	Central Region	56	10, 12
Grayson County	077	Mountain Region	5	20, 40
Greene County	079	Central Region	58	24
Greensville County	081	Central Region	75	18
Halifax County	083	Central Region	60	15
Hampton	650	Coastal Region	91, 92, 95, 100	1, 2
Hanover County	085	Central Region	55, 97	4
Harrisonburg	660	Valley Region	26	26
Henrico County	087	Central Region	56, 62, 70, 71, 72, 73, 74, 97	9, 10, 12

Appendix II - Virginia Localities By Region By House/Senate Districts

County/City	FIPS Code	Region	House Districts	Senate Districts
Henry County	089	Central Region	10, 14, 16	20
Highland County	091	Valley Region	20	24
Hopewell	670	Central Region	62, 74	13, 16
Isle of Wight County	093	Coastal Region	64, 75	13, 18
James City County	095	Coastal Region	64, 93, 96	3
King and Queen County	097	Coastal Region	97, 98	4
King George County	099	Coastal Region	99	28
King William County	101	Coastal Region	97, 98	4
Lancaster County	103	Coastal Region	99	28
Lee County	105	Mountain Region	1	40
Lexington	678	Valley Region	24	24
Loudoun County	107	Northern Region	13, 32, 33, 67, 86	27, 33
Louisa County	109	Central Region	56	17
Lunenburg County	111	Central Region	61, 75	15, 18
Lynchburg	680	Central Region	23	23
Madison County	113	Central Region	30	17
Manassas	683	Northern Region	50	29
Manassas Park	685	Northern Region	50	29
Martinsville	690	Central Region	10, 16	20
Mathews County	115	Coastal Region	98	6
Mecklenburg County	117	Central Region	61	15
Middlesex County	119	Coastal Region	98	4
Montgomery County	121	Mountain Region	7, 12	21, 22
Nelson County	125	Central Region	59	25
New Kent County	127	Coastal Region	97	3
Newport News	700	Coastal Region	93, 94, 95, 96	1, 2, 3
Norfolk	710	Coastal Region	79, 80, 87, 89, 90, 100	5, 6
Northampton County	131	Coastal Region	100	6
Northumberland County	133	Coastal Region	99	28
Norton	720	Mountain Region	2	40
Nottoway County	135	Central Region	60, 61	18
Orange County	137	Central Region	30, 58	17
Page County	139	Valley Region	15	26
Patrick County	141	Mountain Region	10	20
Petersburg	730	Central Region	63	16
Pittsylvania County	143	Central Region	9, 14, 16	19
Poquoson	735	Coastal Region	91	1
Portsmouth	740	Coastal Region	79, 80	2, 13, 18
Powhatan County	145	Central Region	65	10
Prince Edward County	147	Central Region	59, 60	15
Prince George County	149	Central Region	62, 74	13, 16
Prince William County	153	Northern Region	13, 31, 50, 51, 52	28, 29, 36, 39
Pulaski County	155	Mountain Region	6, 7	21, 38
Radford	750	Mountain Region	7	22
Rappahannock County	157	Northern Region	15	26
Richmond	760	Central Region	68, 69, 70, 71, 73, 74	9, 10, 12, 16
Richmond County	159	Coastal Region	99	28
Roanoke	770	Valley Region	11, 17	21
Roanoke County	161	Valley Region	8, 11, 17	21, 22
Rockbridge County	163	Valley Region	24	24, 25
Rockingham County	165	Valley Region	15, 20, 25, 26	24, 26
Russell County	167	Mountain Region	2, 3	38
Salem	775	Valley Region	8	22
Scott County	169	Mountain Region	1	40
Shenandoah County	171	Valley Region	15	26
Smyth County	173	Mountain Region	4, 5	38, 40
Southampton County	175	Central Region	64, 75	13, 18
Spotsylvania County	177	Northern Region	54, 88, 97	4, 17
Stafford County	179	Northern Region	28, 88	28
Staunton	790	Valley Region	20	24
Suffolk	800	Coastal Region	76, 77, 79	2, 13, 18

Appendix II - Virginia Localities By Region By House/Senate Districts

County/City	FIPS Code	Region	House Districts	Senate Districts
Surry County	181	Coastal Region	64	13
Sussex County	183	Central Region	75	18
Tazewell County	185	Mountain Region	3, 6	38
Virginia Beach	810	Coastal Region	21, 81, 82, 83, 84, 85, 90	5, 6, 7, 8, 14
Warren County	187	Valley Region	18	26
Washington County	191	Mountain Region	1, 4	40
Waynesboro	820	Valley Region	25	24
Westmoreland County	193	Coastal Region	99	28
Williamsburg	830	Coastal Region	64	3
Winchester	840	Valley Region	29	27
Wise County	195	Mountain Region	1, 2	38, 40
Wythe County	197	Mountain Region	5, 6	20, 38
York County	199	Coastal Region	91, 96	1, 3



Virginia Fire Service Needs Assessment Survey - 2007

This survey will provide updated statistical information to policy makers in Virginia on the needs of Virginia's fire service. It will also provide important resource information that can be used to plan for disaster response. All survey data will be compiled and the results will be published in the 2007 Fire Service Needs Assessment.

Each fire department in Virginia has been issued a password which will allow access to the questionnaire on-line. Multiple responses from a single department will not be possible. The first submission will be the only response accepted by the survey website.

Also, while completing the survey, you will have the option of saving your answers and can return later to finish completing your response. (Clicking "Next" on each page will save your answers.)

The estimated time needed to complete the entire survey is approximately 20 minutes. If you do not know the answer to a question, you may mark "Don't know", if available. Questions that show a "Key" symbol are required.

Contact Information such as Fire Department Name, Mailing/Street addresses, Phone/Fax numbers, and Email addresses are automatically filled based on your unique logon survey password. Please edit any of the information for corrections.

In addition, at the end of the survey, there is space available for your comments.

Please answer all questions on the survey and submit your response by November 26, 2007.

If you have any questions regarding the completion of this survey, please contact:

Dwight E. Crews
Fire Research Analyst
Virginia Department of Fire Programs
Information and Statistics Section

by phone at (804) 249-1989 or

by email at dwight.crews@vdfp.virginia.gov.

1. Please enter your survey password.

Please use the blank space to write your answers.

2. Fire Department FDID:

Please use the blank space to write your answers.

3. Fire Department Name:

Please use the blank space to write your answers.

4. Fire Department Type:

Please use the blank space to write your answers.

5. Fire Department Status:

Please use the blank space to write your answers.

6. Please select from the following list if your fire department status needs to be updated.

Please pick one of the answers below.

- ☐ Career (Fire Service)
- ☐ Volunteer (Fire Service)
- ☐ Combination (Fire Service)
- ☐ No Change Needed

Section I - Identifying Contact Information

7. Name of person completing survey:

Please use the blank space to write your answers.

8. Title of person completing survey:

Please use the blank space to write your answers.

9. Fire Department Phone Number (Non-Emergency):

Please use the blank space to write your answers.

10. Fire Department Fax Number:

Please use the blank space to write your answers.

11. Primary Department Email Address:

Please use the blank space to write your answers.

12. Fire Department Mailing Address:

Please use the blank space to write your answers.

Mailing Address

City

State

Zip

13. Is your street address the same as your mailing address?

Please pick one of the answers below.

- ☐ Yes
- ☐ No

14. Fire Department Street Address:

Please use the blank space to write your answers.

Street Address

City

State

Zip

15. Name of current fire chief:

Please use the blank space to write your answers.

Section II - General Department Information

16. Is the area your department has primary responsibility to protect (exclude mutual aid areas) primarily urban, suburban, or rural?

Please pick one of the answers below.

- ☐ Urban
- ☐ Suburban
- ☐ Rural

17. Department Population Protected: Number of permanent residents your department has primary responsibility to protect (exclude mutual aid areas):

Please pick one of the answers below.

- ☐ 0 - 999
- ☐ 1,000 - 2,499
- ☐ 2,500 - 4,999
- ☐ 5,000 - 9,999
- ☐ 10,000 - 24,999
- ☐ 25,000 - 49,999
- ☐ 50,000 - 99,999
- ☐ 100,000 Or More

18. Department Coverage Area: Number of square miles your department has primary responsibility to protect (exclude mutual aid areas):

Please pick one of the answers below.

- ☐ 0 - 24
- ☐ 25 - 49
- ☐ 50 - 74
- ☐ 75 - 99
- ☐ 100 - 199
- ☐ 200 - 299
- ☐ 300 Or More

Section III - Department Personnel

19. Please indicate the total number of active firefighters by status in your department. (The total at the bottom should be the total number of firefighters in your department.)

Please use the blank space to write your answers.

Career Firefighter - (full-time paid fire officers and firefighters)

Volunteer Firefighters - (receives no compensation for services)

Paid-per-call Firefighters - (part-time paid firefighters)

Total

20. What is the average number of fire fighters (career, volunteer, or paid-per-call) on duty and available to respond to a call?

Please use the blank space to write your answers.

21. Please indicate the total number of civilian (non-firefighting) personnel by type with your department. (The total at the bottom should be the total number of civilian employees in your department.)

Please use the blank space to write your answers.

Civilian - Paid (part-time and full-time)

Civilian - Volunteer (receives no compensation for services)

Total

22. Does your department have a program to maintain basic fire fighter fitness and health as required by NFPA 1500?

Please pick one of the answers below.

☐ Yes

☐ No

☐ Don't Know

23. Does your fire department currently have the following personnel programs?

Please fill in the answers in the table below (mark appropriate circles and squares and fill in the blank spaces).

	Does your department have the program?	If "Yes", describe the program.
Recruitment Program	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Don't Know
Retention Program	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Don't Know

Section IV - Facilities & Apparatus

24. What is your total number of fire stations within your department?

Please use the blank space to write your answers.

.....

25. What percentage (%) of your fire stations are over 40 years of age?

Please pick one of the answers below.

- ☐ All Fire Departments (100%)
- ☐ Most (75% to 99%)
- ☐ More than Half (50% to 74%)
- ☐ Some (25% to 49%)
- ☐ Few (1% to 24%)
- ☐ None

26. What percentage (%) of your fire stations have backup power?

Please pick one of the answers below.

- ☐ All Fire Departments (100%)
- ☐ Most (75% to 99%)
- ☐ More than Half (50% to 74%)
- ☐ Some (25% to 49%)
- ☐ Few (1% to 24%)
- ☐ None

27. Please indicate the total number of each type of apparatus that your department owns. (Complete all that apply.)

Please use the blank space to write your answers.

Aerial Apparatus	
Aircraft Rescue and Fire Fighting (ARFF) Vehicle	
Ambulance / Other Patient Transport	
Command Vehicle	
Engine / Pumper	
Quint Combination Vehicle	
Rescue / Fire Boat	
Tanker	
Technical Rescue Vehicle	
Wildland Brush Truck	
Other	

28. Please indicate the total number of each type of equipment that your department owns. (Complete all that apply.)

Please use the blank space to write your answers.

Chemical / Biological Sample Analysis Equipment

.....

Map Coordinate System - GPS

.....

Mobile Data Terminals

.....

Personal Alert Safety Systems (PASS)

.....

Personal Protective Equipment (PPE)

.....

Radios

.....

Self-Contained Breathing Apparatus (SCBA)

.....

Technical Rescue Equipment

.....

Thermal Imaging Cameras

.....

Other

.....

29. What are the number of buildings in your area that are 4 or more stories in height?

Please pick one of the answers below.

☐ None

☐ 1 - 5

☐ 6 - 10

☐ 11 or More

☐ Don't Know

Section V - Operating Budget Information

30. Does your normal budget cover the costs of apparatus replacement?

Please pick one of the answers below.

- ☐ Yes
- ☐ No
- ☐ Don't know

31. What percentage (%) of your budget is from the following sources? (The total at the bottom should add to 100%.)

Please use the blank space to write your answers.

Fire district or other taxes

.....

Payments per call

.....

Local government funding

.....

State government funding

.....

Fundraising (e.g., donations, raffles, suppers, events)

.....

Other

.....

Total

.....

32. Do you regularly schedule and plan for the replacement of apparatus/equipment?

Please pick one of the answers below.

- ☐ Yes
- ☐ No
- ☐ Don't know

33. How soon do you expect the need to replace the following apparatus? (Check all that apply.)

Please fill in the answers in the table below (mark appropriate circles and squares and fill in the blank spaces).

	Within 1 Year	Within 5Years	Within 10 Years
Aerial Apparatus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Aircraft Rescue and Fire Fighting (ARFF) Vehicle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ambulance / Other Patient Transport	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Command Vehicle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Engine / Pumper	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quint Combination Vehicle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Rescue / Fire Boat	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tanker	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical Rescue Vehicle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wildland Brush Truck	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

34. How soon do you expect the need to replace the following equipment? (Check all that apply.)

Please fill in the answers in the table below (mark appropriate circles and squares and fill in the blank spaces).

	Within 6 Months	Within 1 Year	Within 5 Years
Chemical / Biological Sample Analysis Equipment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Map Coordinate System - GPS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mobile Data Terminals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Personal Alert Safety Systems (PASS)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Personal Protective Equipment (PPE)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Radios	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Self-Contained Breathing Apparatus (SCBA)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical Rescue Equipment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Thermal Imaging Cameras	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Section VI - Communications

35. Can you communicate by radio with other agencies in which you regularly need to respond with at an incident scene? (Check all that apply.)

Please check all that apply.

- ☐ Local
- ☐ State
- ☐ Federal
- ☐ Don't Know

36. What frequency spectrum does your department operate on?

Please pick one of the answers below or add your own.

- ☐ Low Band (30 - 50 Mhz)
- ☐ High Band (147 - 174 Mhz)
- ☐ Ultra Band (450 - 470 Mhz)
- ☐ 700 Mhz
- ☐ 800 Mhz

Other

.....

37. What percentage (%) of your apparatus have portable radios assigned?

Please pick one of the answers below.

- ☐ All (100%)
- ☐ Most (75% to 99%)
- ☐ More than Half (50% to 74%)
- ☐ Some (25% to 49%)
- ☐ Few (1% to 24%)
- ☐ None

38. What percentage (%) of your apparatus has a portable radio assigned to each riding position?

Please pick one of the answers below.

- ☐ All (100%)
- ☐ Most (75% to 99%)
- ☐ More than Half (50% to 74%)
- ☐ Some (25% to 49%)
- ☐ Few (1% to 24%)
- ☐ None

39. What percentage (%) of your radios are water-resistant?

Please pick one of the answers below.

- ☐ All (100%)
- ☐ Most (75% to 99%)
- ☐ More than Half (50% to 74%)
- ☐ Some (25% to 49%)
- ☐ Few (1% to 24%)
- ☐ None

40. What percentage (%) of your radios are intrinsically safe in an explosive atmosphere?

Please pick one of the answers below.

- ☐ All (100%)
- ☐ Most (75% to 99%)
- ☐ More than Half (50% to 74%)
- ☐ Some (25% to 49%)
- ☐ Few (1% to 24%)
- ☐ None

41. Who has primary responsibility for dispatch operations?

Please pick one of the answers below or add your own.

- ☐ Fire Department
- ☐ Police Department
- ☐ Combined Public Safety Agency
- ☐ Communication Department
- ☐ Private Company

Other

42. What type of internet access do you currently have at your department?

Please pick one of the answers below or add your own.

- ☐ Dial-up
- ☐ High Speed Internet
- ☐ No Internet Service

Other

43. Do you have a technology grant that provides computer hardware for reporting incidents to the Virginia Fire Incident Reporting System (VFIRS)?

Please pick one of the answers below.

- ☐ Yes
- ☐ No
- ☐ Don't Know

Section VII - Fire Department Roles / Training

44. Please answer the two questions below based on the following listed fire service training areas.

Please fill in the answers in the table below (mark appropriate circles and squares and fill in the blank spaces).

	Is this a role that your department performs?	If "Yes", how many of your personnel who perform this duty have received formal training (not just on-the-job).
Aircraft Rescue & Firefighting (ARFF)	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Don't Know	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None
Emergency Medical Services (EMS)	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Don't Know	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None
Hazardous Materials Response (HAZMAT)	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Don't Know	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None
Structural Firefighting	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Don't Know	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None
Technical Rescue - Confined Space	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Don't Know	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None
Technical Rescue - Rope	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Don't Know	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None
Technical Rescue - Structural Collapse	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Don't Know	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None
Technical Rescue - Trench	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Don't Know	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None

Technical Rescue - Vehicle	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Don't Know	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None
Technical Rescue - Water	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Don't Know	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None
Wildland Firefighting	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Don't Know	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None

45. How many active firefighters (career, volunteer, paid-per-call) are certified in the following areas?

Please fill in the answers in the table below (mark appropriate circles and squares and fill in the blank spaces).

	Percent of active fire fighters
Advanced Life Support (EMT-Enhanced, EMT-Intermediate, or EMT-Paramedic)	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None
Basic Life Support (First Responder or EMT-B)	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None
Emergency Vehicle Operations	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None
Fire Apparatus Driver / Operator	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None
Fire Investigator	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None
Fire Officer	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None
Fire Prevention Inspector	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None
Firefighter Level I	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None
Firefighter Level II	<input type="radio"/> All Personnel (100%)

	<input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None
HAZMAT Awareness	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None
HAZMAT Operational	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None
HAZMAT Specialist	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None
HAZMAT Technician	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None
Public Fire & Life Safety Educator	<input type="radio"/> All Personnel (100%) <input type="radio"/> Most (75% to 99%) <input type="radio"/> More than Half (50% to 74%) <input type="radio"/> Some (25% to 49%) <input type="radio"/> Few (1% to 24%) <input type="radio"/> None

46. Please answer the following questions regarding your activities with a Regional Technical Rescue Response Team.

Please fill in the answers in the table below (mark appropriate circles and squares and fill in the blank spaces).

	Yes	No	Don't Know	If "Yes", how many people are assigned to your team?
Does your department participate in a Regional Technical Rescue Response Team?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

47. Please answer the following questions regarding Emergency Medical Services (EMS).

Please fill in the answers in the table below (mark appropriate circles and squares and fill in the blank spaces).

	Yes	No	Don't Know	If "Yes" what classification of EMS license does your department hold?
Is your department licensed by the Virginia Department of Health, Office of Emergency Medical Services as an EMS agency?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/> Non-Transport First Response, Basic Life Support <input type="radio"/> Non-Transport First Response, Advanced Life Support <input type="radio"/> Ground Ambulance, Basic Life Support <input type="radio"/> Ground Ambulance, Advanced Life Support

Section VIII - Fire Prevention & Code Enforcement

48. Which of the following programs or activities does your department conduct? (Check all that apply.)

Please check all that apply and/or add your own variant.

- ☐ Free distribution of home smoke alarms
- ☐ Juvenile firesetter program
- ☐ Permit approval
- ☐ Plans review
- ☐ Routine testing of active systems (fire sprinkler, detection/alarm,smoke control)
- ☐ School fire safety education program based on a national model curriculum

Other

.....

49. Who conducts fire code inspections in your community? (Check all that apply.)

Please check all that apply and/or add your own variant.

- ☐ Building Department
- ☐ Full-time Fire Department Inspectors
- ☐ In-Service Fire Fighters
- ☐ Separate Inspection Bureau
- ☐ State Fire Marshal's Office

Other

50. Who determines if a fire was deliberately set in your area? (Check all that apply.)

Please check all that apply and/or add your own variant.

- ☐ Fire Department Fire Investigator
- ☐ Incident Commander Or Other First-In Fire Officer
- ☐ Police Department
- ☐ Regional Arson Task Force Investigator
- ☐ State Arson Investigator

Other

Section IX - Unusually Challenging Incidents

(Each question is based on an example incident. We want to know whether you have enough local resources to handle such an incident, and if not, how far you would have to go to obtain sufficient resources. Both the type and the size of the incident are specified to give you something specific to react to and a challenge that will often need more than local resources.)

51. Please answer the following questions regarding your department's ability to handle unusually challenging incidents.

Please fill in the answers in the table below (mark appropriate circles and squares and fill in the blank spaces).

	Is this a type of incident that is within your department's scope?	If "No", how far would you have to go to obtain enough people with specialized training for this incident?	If "No", how far would you have to go to obtain enough specialized equipment to handle this incident?	Do you have a plan for working with others on this type of incident?
HAZMAT & EMS for an accident involving chemical/biological agents with 10 or more injuries	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Don't Know	<input type="radio"/> Local <input type="radio"/> Regional <input type="radio"/> State <input type="radio"/> National <input type="radio"/> Don't Know	<input type="radio"/> Local <input type="radio"/> Regional <input type="radio"/> State <input type="radio"/> National <input type="radio"/> Don't Know	<input type="radio"/> Yes (Written Agreement) <input type="radio"/> Yes (Informal) <input type="radio"/> No <input type="radio"/> Don't Know
Hurricane producing wind and rain damage, multiple area power outages and substantial flooding	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Don't Know	<input type="radio"/> Local <input type="radio"/> Regional <input type="radio"/> State <input type="radio"/> National <input type="radio"/> Don't Know	<input type="radio"/> Local <input type="radio"/> Regional <input type="radio"/> State <input type="radio"/> National <input type="radio"/> Don't Know	<input type="radio"/> Yes (Written Agreement) <input type="radio"/> Yes (Informal) <input type="radio"/> No <input type="radio"/> Don't Know
Major flooding (not associated with ocean surge or hurricane)	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Don't Know	<input type="radio"/> Local <input type="radio"/> Regional <input type="radio"/> State <input type="radio"/> National <input type="radio"/> Don't Know	<input type="radio"/> Local <input type="radio"/> Regional <input type="radio"/> State <input type="radio"/> National <input type="radio"/> Don't Know	<input type="radio"/> Yes (Written Agreement) <input type="radio"/> Yes (Informal) <input type="radio"/> No <input type="radio"/> Don't Know
Technical Rescue & EMS for a building with 50 occupants after structural collapse	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Don't Know	<input type="radio"/> Local <input type="radio"/> Regional <input type="radio"/> State <input type="radio"/> National <input type="radio"/> Don't Know	<input type="radio"/> Local <input type="radio"/> Regional <input type="radio"/> State <input type="radio"/> National <input type="radio"/> Don't Know	<input type="radio"/> Yes (Written Agreement) <input type="radio"/> Yes (Informal) <input type="radio"/> No <input type="radio"/> Don't Know
Wildland Fire greater than 500 acres	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Don't Know	<input type="radio"/> Local <input type="radio"/> Regional <input type="radio"/> State <input type="radio"/> National <input type="radio"/> Don't Know	<input type="radio"/> Local <input type="radio"/> Regional <input type="radio"/> State <input type="radio"/> National <input type="radio"/> Don't Know	<input type="radio"/> Yes (Written Agreement) <input type="radio"/> Yes (Informal) <input type="radio"/> No <input type="radio"/> Don't Know

Section X - Your Fire Department's Top Needs

52. Please rank your department's Top Needs from 1 to 5 for calendar year 2008. (1 - Most Important Need, 5 - Least Important Need) Each row for Apparatus, Equipment, Facilities, Personnel and Training should only have 1 answer choice. Also, each column (# 1 - # 5) should be used only once.

(For Example, if Apparatus is the Most Important Need with your Fire Department, then select # 1. Then, select the next Top Need, such as Training, as your # 2 choice. Each number should only be used once. You cannot have more than one Top Need listed with # 1.)

Please mark the corresponding circle - only one per line.

	# 1 (Most Important)	# 2	# 3	# 4	# 5 (Least Important)
Apparatus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Equipment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Facilities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Personnel	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

53. If one of your department's Top Needs is not reflected above, please specify.

Please use the blank space to write your answers.

54. Please indicate your departments estimated costs for calendar year 2008 for each type of specific department need.

Please fill in the answers in the table below (mark appropriate circles and squares and fill in the blank spaces).

	Estimated Costs
Apparatus	<input type="radio"/> No Funding Needed <input type="radio"/> \$1 - \$24,999 <input type="radio"/> \$25,000 - \$49,999 <input type="radio"/> \$50,000 - \$74,999 <input type="radio"/> \$75,000 - \$99,999 <input type="radio"/> \$100,000 - \$249,999 <input type="radio"/> \$250,000 - \$499,999 <input type="radio"/> \$500,000 - \$749,999 <input type="radio"/> \$750,000 - \$999,999 <input type="radio"/> \$1,000,000 - \$2,499,999 <input type="radio"/> \$2,500,000 - \$4,999,999 <input type="radio"/> \$5,000,000 Or More
Equipment	<input type="radio"/> No Funding Needed <input type="radio"/> \$1 - \$24,999 <input type="radio"/> \$25,000 - \$49,999 <input type="radio"/> \$50,000 - \$74,999 <input type="radio"/> \$75,000 - \$99,999 <input type="radio"/> \$100,000 - \$249,999 <input type="radio"/> \$250,000 - \$499,999 <input type="radio"/> \$500,000 - \$749,999 <input type="radio"/> \$750,000 - \$999,999 <input type="radio"/> \$1,000,000 - \$2,499,999 <input type="radio"/> \$2,500,000 - \$4,999,999 <input type="radio"/> \$5,000,000 Or More
Facilities	<input type="radio"/> No Funding Needed <input type="radio"/> \$1 - \$24,999 <input type="radio"/> \$25,000 - \$49,999 <input type="radio"/> \$50,000 - \$74,999 <input type="radio"/> \$75,000 - \$99,999 <input type="radio"/> \$100,000 - \$249,999 <input type="radio"/> \$250,000 - \$499,999 <input type="radio"/> \$500,000 - \$749,999 <input type="radio"/> \$750,000 - \$999,999 <input type="radio"/> \$1,000,000 - \$2,499,999 <input type="radio"/> \$2,500,000 - \$4,999,999 <input type="radio"/> \$5,000,000 Or More
Personnel	<input type="radio"/> No Funding Needed <input type="radio"/> \$1 - \$24,999 <input type="radio"/> \$25,000 - \$49,999 <input type="radio"/> \$50,000 - \$74,999 <input type="radio"/> \$75,000 - \$99,999 <input type="radio"/> \$100,000 - \$249,999 <input type="radio"/> \$250,000 - \$499,999 <input type="radio"/> \$500,000 - \$749,999 <input type="radio"/> \$750,000 - \$999,999 <input type="radio"/> \$1,000,000 - \$2,499,999 <input type="radio"/> \$2,500,000 - \$4,999,999 <input type="radio"/> \$5,000,000 Or More
Training	<input type="radio"/> No Funding Needed <input type="radio"/> \$1 - \$24,999 <input type="radio"/> \$25,000 - \$49,999 <input type="radio"/> \$50,000 - \$74,999

- ☐ \$75,000 - \$99,999
- ☐ \$100,000 - \$249,999
- ☐ \$250,000 - \$499,999
- ☐ \$500,000 - \$749,999
- ☐ \$750,000 - \$999,999
- ☐ \$1,000,000 - \$2,499,999
- ☐ \$2,500,000 - \$4,999,999
- ☐ \$5,000,000 Or More

55. Please check the specific type of apparatus that your department needs for calendar year 2008 and also indicate a quantity needed. (Check and complete all that apply.)

Please fill in the answers in the table below (mark appropriate circles and squares and fill in the blank spaces).

	Apparatus Needed	Quantity Needed
Aerial Apparatus	<input type="checkbox"/>
Aircraft Rescue and Fire Fighting (ARFF)	<input type="checkbox"/>
Ambulance / Other Patient Transport	<input type="checkbox"/>
Command Vehicle	<input type="checkbox"/>
Engine / Pumper	<input type="checkbox"/>
Quint Combination Vehicle	<input type="checkbox"/>
Rescue / Fire Boat	<input type="checkbox"/>
Tanker	<input type="checkbox"/>
Technical Rescue Vehicle	<input type="checkbox"/>
Wildland Brush Truck	<input type="checkbox"/>
No Apparatus Currently Needed	<input type="checkbox"/>
Other	<input type="checkbox"/>

56. Please check the specific type of equipment that your department needs for calendar year 2008 and also indicate the quantity needed. (Check and complete all that apply.)

Please fill in the answers in the table below (mark appropriate circles and squares and fill in the blank spaces).

	Equipment Needed	Quantity Needed
Chemical / Biological Sample Analysis Equipment	<input type="checkbox"/>
Map Coordinate System - GPS	<input type="checkbox"/>
Mobile Data Terminals	<input type="checkbox"/>
Personal Alert Safety Systems (PASS)	<input type="checkbox"/>
Personal Protective Equipment (PPE)	<input type="checkbox"/>
Radios	<input type="checkbox"/>
Self-Contained Breathing Apparatus (SCBA)	<input type="checkbox"/>
Technical Rescue Equipment	<input type="checkbox"/>
Thermal Imaging Cameras	<input type="checkbox"/>
No Equipment Currently Needed	<input type="checkbox"/>
Other	<input type="checkbox"/>

57. Please check the specific type of facilities that your department needs for calendar year 2008. (Check all that apply.)

Please check all that apply and/or add your own variant.

☐ Improvements/Remodeling of Existing Station/s

☐ New Constructed Station/s

☐ No Facilities Currently Needed

Other

58. Please check the specific type of personnel that your department needs for calendar year 2008 and also indicate the quantity needed. (Check and complete all that apply.)

Please fill in the answers in the table below (mark appropriate circles and squares and fill in the blank spaces).

	Personnel Needed	Quantity Needed
Firefighter - Paid	<input type="checkbox"/>
Firefighter - Volunteer	<input type="checkbox"/>
Civilian - Paid	<input type="checkbox"/>
Civilian - Volunteer	<input type="checkbox"/>
No Personnel Currently Needed	<input type="checkbox"/>
Other	<input type="checkbox"/>

59. Please check the type of training that your department needs for calendar year 2008. (Check all that apply.)

Please check all that apply and/or add your own variant.

- ☐ Aircraft Rescue & Firefighting Training
- ☐ Emergency Medical Services (EMS) Training
- ☐ Emergency Vehicle Operations Training
- ☐ Fire Apparatus Driver / Operator Training
- ☐ Fire Fighter Training
- ☐ Fire Investigator Training
- ☐ Fire Officer Training
- ☐ Fire Prevention Inspector Training
- ☐ Fire Services Instructor Training
- ☐ Hazardous Material Incident Training
- ☐ Public Fire & Life Safety Education
- ☐ Technical Rescue - Confined Space
- ☐ Technical Rescue - Rope
- ☐ Technical Rescue - Structural Collapse
- ☐ Technical Rescue - Trench
- ☐ Technical Rescue - Vehicle
- ☐ Technical Rescue - Water
- ☐ Virginia Fire Incident Reporting System (VFIRS) Training
- ☐ Wildland Firefighting Training
- ☐ No Training Currently Needed

Other
.....

Final Comments

60. Do you feel that this survey addresses all of your department needs?

Please pick one of the answers below and add your comments.

☐ Yes

☐ No

Comments

61. Do you think that this survey is beneficial to fire service in Virginia?

Please pick one of the answers below and add your comments.

☐ Yes

☐ No

Comments

62. Please rate if you disagree/agree with the following statements on the overall performance of this survey.

Please mark the corresponding circle - only one per line.

	Disagree			Neutral			Agree
Easy to Understand Questions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Simple to Complete Response On-line	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

63. Please complete any final comments about the survey:

Please write your answer in the space below.

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.....

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Virginia Department of Fire Programs

Fire Department Needs Assessment Participation Report By Locality

FIPS	County/City	Number Completed	Total Fire Departments	Percent Completed	Adjusted Number Completed	Final Adjusted Survey Response
001	Accomack County	11	15	73.3%	15	100.0%
003	Albemarle County	4	8	50.0%	8	100.0%
005	Alleghany County	6	7	85.7%	6	85.7%
007	Amelia County	2	5	40.0%	2	40.0%
009	Amherst County	4	4	100.0%	4	100.0%
011	Appomattox County	2	2	100.0%	2	100.0%
013	Arlington County	1	1	100.0%	1	100.0%
015	Augusta County	13	15	86.7%	15	100.0%
017	Bath County	1	3	33.3%	1	33.3%
019	Bedford County	9	11	81.8%	11	100.0%
021	Bland County	5	6	83.3%	5	83.3%
023	Botetourt County	7	7	100.0%	7	100.0%
025	Brunswick County	7	7	100.0%	7	100.0%
027	Buchanan County	8	10	80.0%	8	80.0%
029	Buckingham County	4	4	100.0%	4	100.0%
031	Campbell County	9	9	100.0%	9	100.0%
033	Caroline County	3	7	42.9%	3	42.9%
035	Carroll County	2	3	66.7%	2	66.7%
036	Charles City County	1	1	100.0%	1	100.0%
037	Charlotte County	6	7	85.7%	6	85.7%
041	Chesterfield County	1	1	100.0%	1	100.0%
043	Clarke County	4	5	80.0%	4	80.0%
045	Craig County	5	5	100.0%	5	100.0%
047	Culpeper County	5	7	71.4%	5	71.4%
049	Cumberland County	2	3	66.7%	2	66.7%
051	Dickenson County	4	4	100.0%	4	100.0%
053	Dinwiddie County	4	6	66.7%	6	100.0%
057	Essex County	1	1	100.0%	1	100.0%
059	Fairfax County	1	1	100.0%	1	100.0%
061	Fauquier County	9	11	81.8%	11	100.0%
063	Floyd County	3	4	75.0%	3	75.0%
065	Fluvanna County	3	5	60.0%	5	100.0%
067	Franklin County	9	12	75.0%	12	100.0%
069	Frederick County	11	12	91.7%	12	100.0%
071	Giles County	7	8	87.5%	7	87.5%
073	Gloucester County	2	2	100.0%	2	100.0%
075	Goochland County	1	1	100.0%	1	100.0%
077	Grayson County	4	6	66.7%	4	66.7%
079	Greene County	1	3	33.3%	1	33.3%
083	Halifax County	11	12	91.7%	11	91.7%
085	Hanover County	13	13	100.0%	13	100.0%
087	Henrico County	1	1	100.0%	1	100.0%
089	Henry County	8	8	100.0%	8	100.0%
091	Highland County	2	4	50.0%	2	50.0%
093	Isle of Wight County	6	6	100.0%	6	100.0%
095	James City County	1	1	100.0%	1	100.0%
097	King & Queen County	4	4	100.0%	4	100.0%
099	King George County	1	1	100.0%	1	100.0%



Virginia Department of Fire Programs

Fire Department Needs Assessment Participation Report By Locality

FIPS	County/City	Number Completed	Total Fire Departments	Percent Completed	Adjusted Number Completed	Final Adjusted Survey Response
101	King William County	2	3	66.7%	2	66.7%
103	Lancaster County	3	3	100.0%	3	100.0%
105	Lee County	5	10	50.0%	5	50.0%
107	Loudoun County	8	14	57.1%	14	100.0%
109	Louisa County	6	8	75.0%	6	75.0%
111	Lunenburg County	2	3	66.7%	2	66.7%
113	Madison County	1	1	100.0%	1	100.0%
115	Mathews County	1	1	100.0%	1	100.0%
117	Mecklenburg County	6	8	75.0%	6	75.0%
119	Middlesex County	4	4	100.0%	4	100.0%
121	Montgomery County	5	5	100.0%	5	100.0%
125	Nelson County	7	7	100.0%	7	100.0%
127	New Kent County	2	4	50.0%	2	50.0%
131	Northampton County	5	5	100.0%	5	100.0%
133	Northumberland County	2	2	100.0%	2	100.0%
135	Nottoway County	3	3	100.0%	3	100.0%
137	Orange County	5	6	83.3%	5	83.3%
139	Page County	4	4	100.0%	4	100.0%
141	Patrick County	8	10	80.0%	10	100.0%
143	Pittsylvania County	16	22	72.7%	16	72.7%
145	Powhatan County	6	6	100.0%	6	100.0%
147	Prince Edward County	5	5	100.0%	5	100.0%
149	Prince George County	3	6	50.0%	6	100.0%
153	Prince William County	7	12	58.3%	7	58.3%
155	Pulaski County	9	9	100.0%	9	100.0%
157	Rappahannock County	4	6	66.7%	4	66.7%
159	Richmond County	1	1	100.0%	1	100.0%
161	Roanoke County	4	12	33.3%	12	100.0%
163	Rockbridge County	6	9	66.7%	6	66.7%
165	Rockingham County	9	11	81.8%	11	100.0%
167	Russell County	7	7	100.0%	7	100.0%
169	Scott County	4	7	57.1%	4	57.1%
171	Shenandoah County	9	10	90.0%	10	100.0%
173	Smyth County	7	7	100.0%	7	100.0%
175	Southampton County	6	8	75.0%	6	75.0%
177	Spotsylvania County	2	3	66.7%	3	100.0%
179	Stafford County	6	10	60.0%	10	100.0%
181	Surry County	3	3	100.0%	3	100.0%
183	Sussex County	5	5	100.0%	5	100.0%
185	Tazewell County	11	16	68.8%	11	68.8%
187	Warren County	5	8	62.5%	8	100.0%
191	Washington County	7	9	77.8%	7	77.8%
193	Westmoreland County	4	4	100.0%	4	100.0%
195	Wise County	6	7	85.7%	6	85.7%
197	Wythe County	5	6	83.3%	5	83.3%
199	York County	1	1	100.0%	1	100.0%
510	Alexandria	1	1	100.0%	1	100.0%
515	Bedford	1	1	100.0%	1	100.0%



Virginia Department of Fire Programs

Fire Department Needs Assessment Participation Report By Locality

FIPS	County/City	Number Completed	Total Fire Departments	Percent Completed	Adjusted Number Completed	Final Adjusted Survey Response
520	Bristol	1	1	100.0%	1	100.0%
530	Buena Vista	1	1	100.0%	1	100.0%
540	Charlottesville	1	1	100.0%	1	100.0%
550	Chesapeake	1	1	100.0%	1	100.0%
570	Colonial Heights	1	1	100.0%	1	100.0%
580	Covington	1	1	100.0%	1	100.0%
590	Danville	1	1	100.0%	1	100.0%
595	Emporia	1	1	100.0%	1	100.0%
600	Fairfax	1	1	100.0%	1	100.0%
610	Falls Church	1	1	100.0%	1	100.0%
620	Franklin	2	2	100.0%	2	100.0%
630	Fredericksburg	1	1	100.0%	1	100.0%
640	Galax	1	1	100.0%	1	100.0%
650	Hampton	1	1	100.0%	1	100.0%
660	Harrisonburg	1	1	100.0%	1	100.0%
670	Hopewell	1	1	100.0%	1	100.0%
678	Lexington	0	1	0.0%	0	0.0%
680	Lynchburg	1	1	100.0%	1	100.0%
683	Manassas	1	1	100.0%	1	100.0%
685	Manassas Park	1	1	100.0%	1	100.0%
690	Martinsville	1	1	100.0%	1	100.0%
700	Newport News	1	1	100.0%	1	100.0%
710	Norfolk	1	1	100.0%	1	100.0%
720	Norton	1	1	100.0%	1	100.0%
730	Petersburg	1	1	100.0%	1	100.0%
735	Poquoson	1	1	100.0%	1	100.0%
740	Portsmouth	1	1	100.0%	1	100.0%
750	Radford	1	1	100.0%	1	100.0%
760	Richmond	1	1	100.0%	1	100.0%
770	Roanoke	1	1	100.0%	1	100.0%
775	Salem	1	1	100.0%	1	100.0%
790	Staunton	1	1	100.0%	1	100.0%
800	Suffolk	5	5	100.0%	5	100.0%
810	Virginia Beach	1	1	100.0%	1	100.0%
820	Waynesboro	1	1	100.0%	1	100.0%
830	Williamsburg	1	1	100.0%	1	100.0%
840	Winchester	1	1	100.0%	1	100.0%
Grand Total		509	634	80.3%	561	88.5%

NOTE: Number of surveys completed is adjusted to account for fire departments that reported for all career and volunteer personnel in their locality.



Virginia Department of Fire Programs

Fire Department Needs Assessment Participation Report By FDID

County/City	FDID	Fire Department	No Response	Incomplete	Complete
Accomack Co.	00100	Accomack Co. Dept of Public Safety			✓
	00101	New Church Vol. Fire/Rescue	X		
	00102	Greenbackville VFD			✓
	00103	Chincoteague VFD			✓
	00104	Atlantic VFD		»	
	00105	Saxis Vol. Fire Co.	X		
	00106	Bloxom Vol. Fire Co., Inc.			✓
	00107	Parksley Volunteer Fire Co., Inc.			✓
	00108	Tasley VFD			✓
	00109	Onancock VFD			✓
	00110	Melfa Vol. Fire / Rescue	X		
	00111	Wachapreague Vol. Fire Company, Inc.			✓
	00112	Painter VFD			✓
	00118	Onley Vol. Fire & Rescue			✓
	00121	Tangier Vol. Fire Dept.			✓
Albemarle Co.	00300	Albemarle Co. Fire Admin.			✓
	00320	East Rivanna VFD	X		
	00330	North Garden VFC			✓
	00340	Earlsville VFD			✓
	00350	Crozet Vol. Fire Dept.	X		
	00360	Stony Point VFD	X		
	00370	Scottsville VFD	X		
	00380	Seminole Trail VFD			✓
Alleghany Co.	00501	Boiling Springs VFD			✓
	00502	Dunlap Fire and Rescue	X		
	00503	Falling Spring Fire & Rescue			✓
	00504	Iron Gate Vol. Fire Dept.			✓
	00505	Selma VFD			✓
	00506	Sharon VFD			✓
	56000	Clifton Forge Fire Dept.			✓
Amelia Co.	00701	Amelia Co. VFD	X		
	00702	Mannboro VFD			✓
	00703	Jettersville VFD	X		
	00704	Mattoax VFD			✓
	00705	Paineville VFD	X		
Amherst Co.	00900	Amherst County Department of Public Safety			✓
	00901	Amherst Vol. Fire Dept.			✓
	00902	Monelison VFD			✓
	00903	Pedlar VFD			✓
Appomattox Co.	01101	Appomattox Vol. Fire Dept.			✓
	01102	Pamplin Vol. Fire Dept. and EMS			✓
Arlington Co.	01300	Arlington Co. Fire Dept.			✓
Augusta Co.	01500	Augusta Co. Fire & Rescue Training Center			✓
	01502	Deerfield Valley Vol. Fire Dept.			✓



Virginia Department of Fire Programs

Fire Department Needs Assessment Participation Report By FDID

County/City	FDID	Fire Department	No Response	Incomplete	Complete
Augusta Co.	01503	Middlebrook VFD	X		
	01504	Churchville Vol. Fire Dept.	X		
	01505	Weyers Cave Vol. Fire Dept.			✓
	01506	Verona Volunteer Fire Dept.			✓
	01507	Stuarts Draft Vol. Fire Co.			✓
	01508	Craigsville Vol. Fire Dept.			✓
	01509	Dooms Vol. Fire Dept.			✓
	01510	Augusta Co. Fire Dept. Co. 10			✓
	01511	Preston L. Yancey Vol. Fire Dept.			✓
	01514	Swoope Vol. Fire Dept.			✓
	01518	New Hope Vol. Fire Dept.			✓
	01519	Wilson Vol. Fire Dept.			✓
	01521	Mt. Solon Vol. Fire & Rescue			✓
Bath Co.	01702	Hot Springs Vol. Fire & Rescue Assoc.	X		
	01703	Millboro Vol. Fire Assoc.			✓
	01704	Mountain Grove VFD	X		
Bedford Co.	01900	Bedford County Department of Fire & Rescue			✓
	01901	Boonsboro Vol. Fire & Rescue, Inc.			✓
	01902	Forest Vol. Fire Dept.			✓
	01903	Hardy Vol. Fire Dept.	X		
	01904	Huddleston Vol. Fire Dept., Inc.			✓
	01905	Moneta Vol. Fire Dept.			✓
	01907	Montvale VFD	X		
	01908	Stewartsville-Chamblissburg Vol. Fire Dept.			✓
	01910	Big Island Vol. Fire Dept.			✓
	01911	Saunders Vol. Fire Dept.			✓
	01912	Shady Grove Volunteer Fire Department			✓
Bland Co.	02101	Bland Co. VFD			✓
	02102	Ceres Vol. Fire Dept.			✓
	02103	Rocky Gap Vol. Fire Dept.			✓
	02104	Grapefield VFD	X		
	02105	Hollybrook-Mechanicsburg Vol. Fire Dept.			✓
	02106	Little Creek Vol. Fire Dept.			✓
Botetourt Co.	02300	Botetourt County Emergency Services			✓
	02301	Blue Ridge Vol. Fire & Rescue Inc.			✓
	02302	Troutville Vol. Fire Dept.			✓
	02303	Buchanan Vol. Fire Dept.			✓
	02304	Fincastle Vol. Fire Dept.			✓
	02305	Eagle Rock Vol. Fire Dept.			✓
	02306	Glen Wilton Vol. Fire Dept.			✓
Brunswick Co.	02501	Alberta Vol. Fire Dept.			✓
	02502	Brodnax Vol. Fire Dept.			✓
	02503	Dolphin VFD			✓
	02504	Ebony VFD			✓



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County/City	FDID	Fire Department	No Response	Incomplete	Complete
Brunswick Co.	02505	Gasburg VFD			✓
	02506	Lawrenceville Vol. Fire Dept.			✓
	02507	Triplet Vol. Fire Dept.			✓
Buchanan Co.	02701	Grundy Vol. Fire Dept.			✓
	02702	Oakwood Vol. Fire Dept., Inc.			✓
	02703	Whitewood Vol. Fire Dept.			✓
	02704	Council Vol. Fire Dept.	X		
	02705	Big Rock Vol. Fire Dept.	X		
	02706	Knox Creek Vol. Fire Dept.			✓
	02707	Russell Prater Fire Dept.			✓
	02708	Slate Creek Vol. Fire Dept.			✓
	02709	Harman VFD			✓
	02710	Patterson Vol. Fire Dept.			✓
Buckingham Co.	02901	Arvon VFD			✓
	02902	Dillwyn Vol. Fire Dept.			✓
	02903	Glenmore Vol. Fire Dept.			✓
	02904	Toga Vol. Fire Dept.			✓
Campbell Co.	03110	Altavista Vol. Fire Dept.			✓
	03111	Brookneal Vol. Fire Dept.			✓
	03112	Brookville-Timberlake Vol. Fire Dept.			✓
	03113	Concord Vol. Fire Dept.			✓
	03114	Gladys Vol. Fire Dept.			✓
	03115	Lyn-Dan Heights Vol. Fire Dept.			✓
	03116	Rustburg Vol. Fire Dept.			✓
	03117	Evington Vol. Fire Dept.			✓
	03199	Campbell Co. Dept. of Public Safety			✓
Caroline Co.	03300	Caroline Co. Fire & Rescue			✓
	03301	Bowling Green Vol. Fire Dept.			✓
	03302	Ladysmith VFD	X		
	03303	Port Royal VFD	X		
	03304	Sparta VFD Co. 4			✓
	03305	Frog Level VFD	X		
Carroll Co.	03306	Upper Caroline VFD	X		
	03501	Cana Vol. Fire Dept.	X		
	03502	Hillsville Vol. Fire Dept.			✓
Charles City Co.	03503	Laurel Fork Vol. Fire Dept.			✓
	03601	Charles City Vol. Fire / EMS			✓
Charlotte Co.	03701	Bacon District VFD			✓
	03702	Charlotte Court House Vol. Fire Dept.			✓
	03703	Cullen Vol. Fire Dept.	X		
	03704	Drakes Branch Vol. Fire Dept.			✓
	03705	Keysville Vol. Fire Dept.			✓
	03706	Phenix VFD			✓
	03707	Red House Vol. Fire Dept.			✓



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County/City	FDID	Fire Department	No Response	Incomplete	Complete
Chesterfield Co.	04100	Chesterfield Fire & EMS			✓
Clarke Co.	04300	Clarke County Emergency Services	X		
	04301	John H. Enders VFD			✓
	04304	Boyce Vol. Fire Co., Inc.			✓
	04306	Shenandoah Farms VFD			✓
	04308	Blue Ridge Vol. Fire / Rescue Co.			✓
Craig Co.	04501	Johns Creek Vol. Fire Dept.			✓
	04502	Paint Bank Vol. Fire Dept.			✓
	04503	Simmons ville VFD			✓
	04504	New Castle Vol. Fire Dept.			✓
	04505	Upper Craig Creek Vol. Fire Dept.			✓
Culpeper Co.	04701	Brandy Station VFD			✓
	04702	Culpeper Co. VFD	X		
	04703	Richardsville VFD			✓
	04704	Salem Vol. Fire / Rescue			✓
	04705	Rapidan VFD	X		
	04706	Little Fork VFD & Rescue Co.			✓
	04707	Reva Vol. Fire & Rescue Dept.			✓
Cumberland Co.	04901	Cartersville Volunteer Fire Dept.			✓
	04902	Cumberland VFD			✓
	04903	Randolph District Volunteer Fire Dept.	X		
Dickenson Co.	05101	Clintwood Vol. Fire Dept.			✓
	05102	Haysi Vol. Fire Dept.			✓
	05103	Clinchco VFD			✓
	05104	Sandy Ridge Vol. Fire Dept.			✓
Dinwiddie Co.	05300	Dinwiddie Co. Public Safety			✓
	05301	Dinwiddie Vol. Fire & EMS			✓
	05302	Ford Vol. Fire Dept.	X		
	05303	McKenney Vol. Fire Dept.			✓
	05304	Namozine Vol. Fire & Rescue Dept.			✓
	05305	Old Hickory Vol. Fire Dept.	X		
Essex Co.	05701	Tappahannock-Essex Vol. Fire Dept.			✓
Fairfax Co.	05900	Fairfax Co. Fire & Rescue Department			✓
Fauquier Co.	06100	Fauquier Co. Ofc. of Emerg. Svcs.			✓
	06101	Warrenton Vol. Fire Co.			✓
	06102	Remington Vol. Fire & Rescue Dept., Inc.			✓
	06103	Marshall Vol. Fire Dept.			✓
	06104	The Plains Vol. Fire & Rescue			✓
	06105	Upperville Vol. Fire Dept.		»	
	06107	Catlett Volunteer Fire & Rescue Company			✓
	06108	Goldvein Vol. Fire Dept.			✓
	06110	New Baltimore Vol. Fire & Rescue			✓
	06111	Orlean Vol. Fire Dept.	X		
	06113	Lois VFD			✓



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County/City	FDID	Fire Department	No Response	Incomplete	Complete
Floyd Co.	06301	Floyd Co. Vol. Fire Dept. # 1			✓
	06302	Floyd Co. Vol. Fire Dept. # 2			✓
	06303	Floyd Co. Vol. Fire Dept. # 3			✓
	06304	Floyd Co. Vol. Fire Dept. # 4	X		
Fluvanna Co.	06500	Fluvanna Co. VFD Administration			✓
	06501	Palmyra VFD			✓
	06502	Fork Union Fire Co.			✓
	06503	Kents Store Vol. Fire Company	X		
	06504	Lake Monticello Fire Dept. & Rescue Squad	X		
Franklin Co.	06700	Franklin Co. Emergency Services			✓
	06701	Boones Mill Vol. Fire Dept.			✓
	06702	Burnt Chimney VFD			✓
	06703	Callaway VFD	X		
	06704	Ferrum VFD			✓
	06705	Fork Mountain VFD	X		
	06706	Glade Hill VFD			✓
	06707	Rocky Mount Vol. Fire Dept.			✓
	06708	Scruggs VFD			✓
	06709	Smith Mountain Lake Marine Vol. Fire Co., Inc.			✓
	06710	Snow Creek VFD			✓
	06711	Company One Vol. Fire Dept.	X		
Frederick Co.	06900	Frederick Co. Fire & Rescue Dept.			✓
	06911	Stephens City Fire Dept.			✓
	06912	Middletown Vol. Fire & Rescue			✓
	06913	Clear Brook Vol. Fire & Rescue, Inc.			✓
	06914	Gore Vol. Fire Dept.	X		
	06915	Round Hill Community Vol. Fire Dept.			✓
	06916	Gainesboro Vol. Fire Dept.			✓
	06917	Star Tannery Vol. Fire Dept.			✓
	06918	Greenwood Vol. Fire Dept.			✓
	06919	North Mountain Vol. Fire Dept.			✓
	06920	Reynolds Store VFD			✓
	06921	Millwood Station Fire & Rescue			✓
Giles Co.	07110	Eggleston Vol. Fire Dept.			✓
	07120	Glen Lyn Vol. Fire Dept.			✓
	07130	Narrows Vol. Fire Dept.			✓
	07140	Newport Vol. Fire Dept.	X		
	07150	Pearisburg Vol. Fire Dept.			✓
	07160	Pembroke Vol. Fire Dept.			✓
	07170	Poplar Hill Vol. Fire Dept.			✓
	07180	Rich Creek Vol. Fire Dept.			✓
Gloucester Co.	07301	Abingdon Vol. Fire Co.			✓
	07310	Gloucester Vol. Fire & Rescue			✓
Goochland Co.	07500	Goochland Co. Fire & Rescue Vol. Assoc. Inc.			✓



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County/City	FDID	Fire Department	No Response	Incomplete	Complete
Grayson Co.	07701	Elk Creek VFD			✓
	07702	Fries Vol. Fire Dept.	X		
	07703	Independence Vol. Fire Dept.			✓
	07704	Mount Rogers Vol. Fire Dept.	X		
	07705	Troutdale Community VFD			✓
	07706	Rugby Fire Dept.			✓
Greene Co.	07901	Ruckersville Vol. Fire Co.	X		
	07902	Stanardsville Vol. Fire Dept.	X		
	07903	Dyke Vol Fire Co., Inc.			✓
Halifax Co.	08301	Clover Vol. Fire Dept.			✓
	08302	Cluster Springs Vol. Fire Dept.			✓
	08303	Halifax Vol. Fire Dept.			✓
	08304	Liberty VFD			✓
	08305	Midway Vol. Fire Dept., Inc.	X		
	08306	North Halifax Fire Dept.			✓
	08307	Oak Level Vol. Fire Dept.			✓
	08308	Scottsburg Vol. Fire Dept.			✓
	08309	Triangle Vol. Fire Dept.			✓
	08310	Turbeville Vol. Fire Dept.			✓
	08311	Virgilina Vol. Fire Dept.			✓
	78000	South Boston Fire Dept.			✓
Hanover Co.	08500	Hanover Co. Fire Admin.			✓
	08501	Ashland VFD			✓
	08502	Beaverdam VFD			✓
	08503	Eastern Hanover VFD			✓
	08504	Doswell VFD			✓
	08505	Hanover Court House Vol. Fire Dept.			✓
	08506	Henry Vol Fire Dept.			✓
	08507	Mechanicsville VFD			✓
	08508	Montpelier VFD			✓
	08509	Rockville VFD			✓
	08510	Chickahominy VFD			✓
	08511	Farrington VFD			✓
	08512	Black Creek VFD			✓
Henrico Co.	08700	Henrico County - Division of Fire			✓
Henry Co.	08900	Henry Co. Dept. of Public Safety			✓
	08901	Axton Vol. Fire Dept.			✓
	08902	Bassett Vol. Fire Dept.			✓
	08903	Collinsville Vol. Fire Dept.			✓
	08904	Dyers Store Vol. Fire Dept.			✓
	08905	Fieldale Vol. Fire Dept.			✓
	08906	Horsepasture District Vol. Fire Dept.			✓
	08908	Ridgeway District Vol. Fire Dept.			✓



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County/City	FDID	Fire Department	No Response	Incomplete	Complete
Highland Co.	09101	Highland Co. Vol. Fire Dept.			✓
	09102	McDowell VFD			✓
	09103	Bath-Highland Vol. Fire Dept.	X		
	09104	Bolar Vol. Fire Dept.	X		
Isle of Wight Co.	09301	Carrollton Vol. Fire Dept.			✓
	09302	Carrsville Vol. Fire Dept.			✓
	09303	Smithfield Vol. Fire Dept., Inc.			✓
	09304	Windsor Vol. Fire Dept.			✓
	09305	Rushmere Vol. Fire Dept.			✓
	09399	Isle of Wight County, DES			✓
James City Co.	09500	James City Co. Fire Dept.			✓
King & Queen Co.	09701	Central King & Queen Vol. Fire Dept.			✓
	09702	Lower King & Queen Vol. Fire Dept.			✓
	09703	Upper King & Queen Vol. Fire Dept.			✓
	09704	Walkerton Comm. Fire Assoc.			✓
King George Co.	09900	King George Fire & Rescue, Inc.			✓
King William Co.	10101	King William Vol. Fire Dept. & Rescue Squad			✓
	10103	West Point Vol. Fire Dept.			✓
	10104	Mangohick Vol. Fire Dept., Inc.		»	
Lancaster Co.	10306	White Stone Vol. Fire Dept.			✓
	10307	Upper Lancaster VFD			✓
	10308	Kilmarnock Vol. Fire Dept.			✓
Lee Co.	10501	Jonesville Vol. Fire Dept.	X		
	10502	Keokee VFD	X		
	10503	Pennington Gap Vol. Fire Dept.			✓
	10504	Thomas Walker VFD # 1			✓
	10505	Dryden VFD			✓
	10506	St. Charles Vol. Fire Dept.	X		
	10508	Thomas Walker Vol. Fire Dept. # 2	X		
	10509	Stickleyville VFD	X		
	10511	Blackwater VFD			✓
	10512	Jasper Volunteer Fire Department, Inc.			✓
	10700	Loudoun Co. Fire/Resc. EMS			✓
Loudoun Co.	10701	Leesburg Vol. Fire Dept.	X		
	10702	Purcellville Vol. Fire Dept.		»	
	10703	Middleburg VFD, Inc.			✓
	10704	Round Hill Vol. Fire Dept.		»	
	10705	Hamilton VFD			✓
	10706	Ashburn Fire & Rescue			✓
	10707	Aldie VFD			✓
	10708	Philomont VFD			✓
	10709	Arcola-Pleasant Valley Fire / Rescue			✓
	10710	Lucketts Vol. Fire Co., Inc.	X		
	10711	Sterling Volunteer Fire Department	X		



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County/City	FDID	Fire Department	No Response	Incomplete	Complete
Loudoun Co.	10712	Lovettsville Vol. Fire / Rescue	X		
	10716	Neersville Vol. Fire / Rescue			✓
Louisa Co.	10900	Louisa Co. Office of Emer. Serv.			✓
	10901	Bumpass VFD			✓
	10902	Holly Grove VFD			✓
	10903	Locust Creek VFD		»	
	10904	Louisa Vol. Fire Dept.			✓
	10905	Mineral Vol. Fire Dept.			✓
	10906	Trevilians VFD	X		
	10907	Zion Crossroads VFD			✓
Lunenburg Co.	11101	Kenbridge Vol. Fire Dept.			✓
	11102	Meherrin Vol. Fire Dept.	X		
	11103	Victoria Fire & Rescue, Inc.			✓
Madison Co.	11301	Madison Co. Vol. Fire Dept.			✓
Mathews Co.	11501	Mathews Vol. Fire Dept., Inc.			✓
Mecklenburg Co.	11701	Boydton Vol. Fire Dept., Inc.			✓
	11702	Buckhorn Vol. Fire Dept.			✓
	11703	Chase City Vol. Fire Dept.			✓
	11704	Clarksville Vol. Fire Dept.			✓
	11705	LaCrosse Vol. Fire Dept., Inc.		»	
	11706	Palmer Springs Vol. Fire Dept., Inc.	X		
	11707	South Hill Vol. Fire Dept.			✓
	11708	Lake Gaston Vol. Fire Dept.			✓
Middlesex Co.	11901	Hartfield VFD			✓
	11902	Lower Middlesex VFD			✓
	11903	Middlesex Vol. Fire Dept.			✓
	11904	Upper Middlesex Vol. Fire Dept.			✓
Montgomery Co.	12102	Blacksburg Vol. Fire Dept.			✓
	12103	Christiansburg Vol. Fire Dept.			✓
	12104	Elliston Vol. Fire Dept.			✓
	12105	Longshop-McCoy Vol. Fire Dept.			✓
	12106	Riner Vol. Fire Dept.			✓
Nelson Co.	12501	Lovington Vol. Fire Dept.			✓
	12502	Piney River Vol. Fire Dept.			✓
	12503	Faber Vol. Fire Dept.			✓
	12504	Gladstone Vol. Fire Dept.			✓
	12505	Rockfish Valley Vol. Fire Dept.			✓
	12506	Wintergreen Vol. Fire Dept.			✓
	12507	Montebello Vol. Fire Dept.			✓
New Kent Co.	12700	New Kent Fire - Rescue			✓
	12701	Providence Forge Vol. Fire & Rescue Inc.			✓
	12702	Quinton Volunteer Fire & EMS	X		
	12703	Weir Creek Emergency Services	X		



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County/City	FDID	Fire Department	No Response	Incomplete	Complete
Northampton Co.	13113	Community Fire Company, Inc.			✓
	13114	Cheriton Vol. Fire Dept.			✓
	13115	Cape Charles Vol. Fire Dept.			✓
	13116	Northampton Fire & Rescue, Inc.			✓
	13117	Eastville Vol. Fire Co., Inc.			✓
Northumberland Co.	13302	Callao Vol. Fire Dept., Inc.			✓
	13303	Fairfields Vol. Fire Dept.			✓
Nottoway Co.	13502	Burkeville VFD			✓
	13503	Crewe Vol. Fire Dept.			✓
	13504	Blackstone Vol. Fire Co.			✓
Orange Co.	13700	Orange Co. Fire and EMS			✓
	13701	Barboursville VFD	X		
	13702	Gordonsville Vol. Fire Dept.			✓
	13703	Lake of the Woods VFD			✓
	13704	Mine Run VFD			✓
	13705	Orange Vol. Fire Dept.			✓
Page Co.	13900	Page County Fire & EMS			✓
	13901	Luray Vol. Fire Dept.			✓
	13902	Shenandoah Vol. Fire Co., Inc.			✓
	13903	Stanley Vol. Fire Dept.			✓
Patrick Co.	14100	Patrick County Department of Emergency Management			✓
	14101	Ararat Vol. Fire Dept.			✓
	14102	CCDF Vol. Fire Dept.			✓
	14104	Meadows of Dan Vol. Fire Dept.			✓
	14105	Moorefield Store Vol. Fire Dept.			✓
	14106	Stuart Vol. Fire Dept.			✓
	14107	Patrick-Henry Vol. Fire Dept.	X		
	14108	Woolwine Vol. Fire Dept.			✓
	14109	Fairystone Vol. Fire Dept.			✓
	14110	Patrick Spring Vol. Fire Dept.	X		
Pittsylvania Co.	14301	Riceville-Java VFD			✓
	14302	Hurt Vol. Fire Dept.			✓
	14303	Renan VFD			✓
	14304	River Bend Vol. Fire Dept.			✓
	14305	Tunstall Vol. Fire & Rescue			✓
	14306	Mount Hermon Vol. Fire Dept.			✓
	14307	Mount Cross Vol. Fire Dept.			✓
	14308	Climax Vol. Fire Dept.			✓
	14309	Ringgold Vol. Fire & Rescue			✓
	14310	Bachelor Hall Vol. Fire Dept.		»	
	14311	Chatham Vol Fire Dept.			✓
	14312	Gretna Vol. Fire Dept.			✓
	14313	Brosville Vol. Fire Dept.			✓
	14314	Cool Branch Vol. Fire Dept.	X		



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County/City	FDID	Fire Department	No Response	Incomplete	Complete
Pittsylvania Co.	14315	Blairs Vol. Fire Dept.			✓
	14316	Callands Vol. Fire & Rescue Dept.			✓
	14317	Dry Fork Vol. Fire Dept.	X		
	14318	Cascade Vol. Fire Dept.	X		
	14319	Kentuck Vol. Fire Dept.			✓
	14320	Keeling Vol. Fire Dept.	X		
	14321	Laurel Grove Vol. Fire Dept.			✓
	14399	Pittsylvania Co. Fire & Rescue Assoc.	X		
Powhatan Co.	14500	Powhatan Co. Fire Admin.			✓
	14501	Powhatan Co. Vol. Fire Dept., Co. # 1			✓
	14502	Huguenot Vol. Fire Dept.			✓
	14503	Macon Fire Dept.			✓
	14504	Fine Creek Vol. Fire Dept.			✓
	14505	Deep Creek Vol. Fire Dept.			✓
Prince Edward Co.	14701	Farmville Vol. Fire Dept.			✓
	14702	Hampden-Sydney Vol. Fire Dept.			✓
	14703	Darlington Heights Vol. Fire Dept.			✓
	14704	Prospect Vol. Fire Dept., Inc.			✓
	14705	Rice Vol. Fire Dept.			✓
Prince George Co.	14900	Prince George Co. Fire Dept.			✓
	14901	Prince George VFD			✓
	14902	Disputanta VFD	X		
	14903	Carson Vol. Fire Dept.	X		
	14904	Burrowsville VFD			✓
	14905	Jefferson Park Fire Dept.	X		
Prince William Co.	15301	Prince Wm. Co. Dept. of Fire / Rescue			✓
	15302	Occoquan-Woodbrige-Lorton Vol. Fire Dept.	X		
	15303	Dumfries-Triangle Vol. Fire Dept.	X		
	15304	Gainesville-District Vol. Fire Dept.			✓
	15305	Nokesville Vol. Fire Dept.			✓
	15306	Coles District Vol. Fire Dept. & Rescue	X		
	15307	Lake Jackson District Vol. Fire Dept.			✓
	15308	Yorkshire Vol. Fire Dept., Inc.	X		
	15310	Dale City Vol. Fire Dept. (Birchdale)			✓
	15311	Stonewall Jackson Vol. Fire Dept.			✓
	15315	Evergreen Vol. Fire Dept.			✓
	15316	Buckhall Vol. Fire Dept.			
Pulaski Co.	15500	Pulaski Co. Emergency Serv.			✓
	15501	Draper Vol. Fire Dept.			✓
	15502	Dublin Vol. Fire Dept.			✓
	15503	Fairlawn Vol. Fire Dept.			✓
	15504	Hiwassee VFD			✓
	15505	Newbern VFD			✓
	15506	Pulaski Fire Dept.			✓



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County/City	FDID	Fire Department	No Response	Incomplete	Complete
Pulaski Co.	15507	Snowville Fire Dept.			✓
	15508	Twin Community VFD			✓
Rappahannock Co.	15701	Washington Vol. Fire & Rescue, Inc.			✓
	15702	Sperryville Vol. Fire Dept.			✓
	15703	Amissville Vol. Fire & Rescue Co.			✓
	15704	Flint Hill Vol. Fire Dept.			✓
	15705	Castleton Community Vol. Fire Dept.	X		
	15706	Chester Gap Vol. Fire Dept.	X		
Richmond Co.	15901	Richmond Co. Vol. Fire Dept., Inc.			✓
Roanoke Co.	16100	Roanoke County Fire & Rescue			✓
	16102	Vinton Vol. Fire Dept.			✓
	16103	Cave Spring Fire Dept., Co.# 3	X		
	16104	Catawba Fire Company	X		
	16105	Hollins Fire Company			✓
	16106	Mount Pleasant Fire Dept.	X		
	16107	Clearbrook Fire Dept.	X		
	16108	Bent Mountain Fire Dept.	X		
	16109	Fort Lewis Fire Company			✓
	16110	Mason Cove Fire Company		»	
	16111	Back Creek Fire & Rescue Dept.	X		
	16112	Read Mountain Vol. Fire Dept. - Station # 12	X		
Rockbridge Co.	16301	Effinger VFD	X		
	16302	Glasgow VFD			✓
	16303	Goshen VFD			✓
	16304	Kerrs Creek VFD	X		
	16305	Raphine Vol. Fire Company			✓
	16306	Rockbridge Baths VFD			✓
	16307	South River District VFD			✓
	16308	Walkers Creek Vol. Fire Dept.	X		
	16309	Natural Bridge Vol. Fire Dept.			✓
Rockingham Co.	16500	Rockingham Co. Dept. of Fire & Rescue			✓
	16501	Singers Glen Vol. Fire Co.			✓
	16502	Bergton Vol. Fire Co.	X		
	16503	Elkton Vol. Fire Company			✓
	16505	Broadway Vol. Fire Dept.			✓
	16506	Timberville Vol. Fire Dept.			✓
	16508	McGaheysville Vol. Fire Dept.			✓
	16515	Bridgewater Vol. Fire Co.			✓
	16517	Clover Hill Vol. Fire Co.	X		
	16520	Grottoes Vol. Fire Dept.			✓
Russell Co.	16544	Hose Company No. 4			✓
	16701	Cleveland Vol. Fire Dept.			✓
	16702	Dante Vol. Fire Dept.			✓
	16703	Honaker Vol. Fire Dept.			✓



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County/City	FDID	Fire Department	No Response	Incomplete	Complete
Russell Co.	16704	Lebanon Vol. Fire Dept.			✓
	16705	Belfast-Rosedale Vol. Fire Dept.			✓
	16706	Copper Creek-Moccasin Vol. Fire Dept.			✓
	16707	Castlewood Fire and Rescue			✓
Scott Co.	16901	Duffield Vol. Fire & Rescue	X		
	16902	Dungannon Vol. Fire Dept.			✓
	16903	Gate City Vol. Fire Dept.			✓
	16904	Hiltons Vol. Fire Dept.			✓
	16905	Nickelsville Vol. Fire Dept.			✓
	16906	Weber City Vol. Fire Dept.	X		
	16907	Fort Blackmore Vol. Fire Dept.	X		
Shenandoah Co.	17100	Shenandoah Co. Dept. of Fire & Rescue			✓
	17109	Toms Brook VFD			✓
	17112	Woodstock Vol. Fire Dept., Inc.			✓
	17113	Conicville Vol. Fire Dept.			✓
	17114	Fort Valley Vol. Fire Dept.			✓
	17115	Edinburg Vol. Fire Dept.			✓
	17118	Orkney Springs Fire & Rescue, Inc.			✓
	17120	Mt. Jackson Vol. Fire & Emergency Svcs Dept.			✓
	17123	New Market Vol. Fire Dept.	X		
	17151	Strasburg Vol. Fire Dept.			✓
Smyth Co.	17301	Adwolfe Vol. Fire Dept., Inc.			✓
	17302	Atkins VFD			✓
	17303	Chilhowie Fire Dept.			✓
	17304	Marion Vol. Fire Dept.			✓
	17305	Nebo VFD			✓
	17306	Saltville Vol. Fire Dept.			✓
	17307	Sugar Grove VFD			✓
Southampton Co.	17501	Boykins VFD & Rescue Squad, Inc.			✓
	17502	Branchville Vol. Fire Dept.			✓
	17503	Capron Vol. Fire Dept.			✓
	17504	Courtland Vol. Fire Dept.			✓
	17506	Ivor Vol. Fire Dept.			✓
	17507	Newsoms Vol. Fire Dept.	X		
	17508	Sedley Vol. Fire Dept.	X		
	17509	Drewryville Vol. Fire Dept.			✓
Spotsylvania Co.	17700	Spotsylvania Co. Fire Admin.			✓
	17701	Spotsylvania Vol. Fire Dept. # 1	X		
	17705	Chancellor Volunteer Fire and Rescue			✓
Stafford Co.	17900	Stafford Co. Dept. of Fire / Rescue & Emerg. Serv.			✓
	17901	Falmouth VFD			✓
	17902	Stafford Volunteer Fireman's Association			✓
	17903	Widewater Vol. Fire Dept.			✓
	17904	Mountain View VFD			✓



Virginia Department of Fire Programs

Fire Department Needs Assessment Participation Report By FDID

County/City	FDID	Fire Department	No Response	Incomplete	Complete
Stafford Co.	17905	Brooke VFD		»	
	17906	Hartwood VFD	X		
	17907	White Oak VFD	X		
	17908	Rockhill VFD			✓
	17910	Potomac Hills VFD	X		
Surry Co.	18101	Claremont Vol. Fire Dept.			✓
	18102	Dendron VFD			✓
	18103	Surry Vol. Fire Dept.			✓
Sussex Co.	18301	Jarratt Vol. Fire Dept.			✓
	18302	Stony Creek Vol. Fire Dept.			✓
	18303	Wakefield Vol. Fire Dept.			✓
	18304	Waverly Vol. Fire Dept.			✓
	18305	Sussex Courthouse VFD			✓
Tazewell Co.	18501	Abbs Valley-Bossievain Vol. Fire Dept.			✓
	18502	Bluefield Virginia Vol. Fire Dept.			✓
	18503	Jewell Ridge Vol. Fire Dept.			✓
	18504	Pocahontas Vol. Fire Dept.			✓
	18505	Richlands Vol. Fire Dept.	X		
	18506	Tazewell Co. Vol. Fire/Rescue			✓
	18507	Tazewell Town Fire Dept.			✓
	18508	Baptist Valley Vol. Fire Dept.	X		
	18509	Bishop Valley Vol. Fire Dept.			✓
	18510	Burkes Garden Vol. Fire Dept.			✓
	18511	Tannersville Vol. Fire Dept.	X		
	18512	Clearfolk Vol. Fire Dept.			✓
	18513	DAD Vol. Fire Dept.			✓
	18514	Cove Vol. Fire Dept.	X		
	18515	Bandy Vol. Fire Dept.			✓
	18516	Thompson Valley Vol. Fire Dept.	X		
Warren Co.	18700	Warren Co. Fire & Rescue Services			✓
	18701	Front Royal & Rescue Vol. Fire Dept.			✓
	18702	Rivermont Vol. Fire Dept.	X		
	18703	South Warren Vol. Fire Dept.			✓
	18704	Shenandoah Shores Fire Dept.	X		
	18705	Fortsmouth Vol. Fire Dept.			✓
	18706	Linden Vol. Fire Dept.	X		
Washington Co.	18707	North Warren Vol. Fire & Rescue			✓
	19103	Damascus Vol. Fire Dept.			✓
	19104	Glade Spring VFD			✓
	19105	Meadowview VFD			✓
	19107	Green Spring VFD	X		
	19108	Clinch Mountain VFD			✓
	19110	Washington Co. Fire and Rescue			✓
	19111	Goodson-Kinderhook VFD			✓



Virginia Department of Fire Programs

Fire Department Needs Assessment Participation Report By FDID

County/City	FDID	Fire Department	No Response	Incomplete	Complete
Washington Co.	19112	Brumley Gap VFD	X		
	19120	Abingdon Vol. Fire Dept.			✓
Westmoreland Co.	19301	Colonial Beach Vol. Fire Dept.			✓
	19302	Cople District Vol. Fire Dept.			✓
	19303	Oak Grove Vol. Fire Dept.			✓
	19304	Westmoreland Vol. Fire Dept.			✓
Wise Co.	19501	Valley Vol. Fire Dept.			✓
	19516	Coeburn Vol. Fire Dept.			✓
	19530	Appalachia Vol. Fire Dept.			✓
	19550	Big Stone Gap Vol. Fire Dept.			✓
	19570	Pound Vol. Fire Dept.			✓
	19580	Saint Paul Vol. Fire Dept.	X		
	19590	Wise Vol. Fire Dept.			✓
Wythe Co.	19701	Barren Springs Vol. Fire Dept.			✓
	19702	Ivanhoe Vol. Fire Dept.	X		
	19703	Max Meadows Vol. Fire Dept.			✓
	19704	Rural Retreat Vol. Fire Dept.			✓
	19705	Speedwell Vol. Fire Dept.			✓
	19706	Wytheville Fire Dept.			✓
York Co.	19900	York Co. Dept. of Fire and Life Safety			✓
Alexandria	51000	Alexandria Fire Dept.			✓
Bedford	51500	Bedford Vol. Fire Co.			✓
Bristol	52000	Bristol Fire Dept.			✓
Buena Vista	53000	Buena Vista Fire Dept.			✓
Charlottesville	54000	Charlottesville Fire Dept.			✓
Chesapeake	55000	Chesapeake Fire Department			✓
Colonial Heights	57000	Colonial Heights Fire & EMS			✓
Covington	58000	Covington Fire Dept.			✓
Danville	59000	Danville Fire Dept.			✓
Emporia	59500	Emporia Fire Administration			✓
Fairfax	60000	Fairfax City Fire Department			✓
Falls Church	61000	Falls Church Vol. Fire Dept.			✓
Franklin	62000	Franklin Fire & Rescue Dept.			✓
	62001	Hunterdale Vol. Fire Dept.			✓
Fredericksburg	63000	Fredericksburg Fire Dept.			✓
Galax	64000	Galax VFD			✓
Hampton	65000	Hampton Division of Fire & Rescue			✓
Harrisonburg	66000	Harrisonburg Fire Dept.			✓
Hopewell	67000	Hopewell Fire Dept.			✓
Lexington	67800	Lexington Fire Dept.	X		
Lynchburg	68000	Lynchburg Fire Department			✓
Manassas	68301	Manassas Vol. Fire Co.			✓
Manassas Park	68509	Manassas Park Fire Dept.			✓
Martinsville	69000	Martinsville Fire & EMS			✓



Virginia Department of Fire Programs

Fire Department Needs Assessment Participation Report By FDID

County/City	FDID	Fire Department	No Response	Incomplete	Complete
Newport News	70001	Newport News Fire Dept.			✓
Norfolk	71000	Norfolk Fire - Rescue			✓
Norton	72000	Norton Fire Dept.			✓
Petersburg	73000	Petersburg Fire, Rescue & Emergency Svcs			✓
Poquoson	73500	Poquoson Fire/Rescue Dept.			✓
Portsmouth	74000	Portsmouth Fire & Rescue			✓
Radford	75000	Radford Fire Dept.			✓
Richmond	76000	Richmond Dept. Fire / Emergency Services			✓
Roanoke	77000	Roanoke Dept. of Fire - EMS			✓
Salem	77500	Salem Fire Dept.			✓
Staunton	79000	Staunton Fire & Rescue Dept.			✓
Suffolk	80000	Suffolk Fire & Rescue Dept.			✓
	80001	Chuckatuck Vol. Fire Dept.			✓
	80002	Driver Vol. Fire Dept.			✓
	80003	Holland Vol. Fire Dept.			✓
	80004	Whaleyville Vol. Fire Dept.			✓
Virginia Beach	81000	Virginia Beach Fire Dept.			✓
Waynesboro	82000	Waynesboro Fire Dept.			✓
Williamsburg	83000	Williamsburg Fire Dept.			✓
Winchester	84000	Winchester Fire & Rescue			✓

VFIRS PARTICIPATION - CY 2006

as of April 5, 2007

Totals-> 135 569 461 81.0% 6,569,805					
92.8%					
Other FDs-> 4 4					
Locality	Code	# of FDs	¹ VFIRS FDs	% FDs	VFIRS Pop.
Accomack Co.	001	14	12	85.7%	32,833
Albemarle Co.	003	1	1	100.0%	79,236
Alleghany Co.	005	7	5	71.4%	10,027
Amelia Co.	007	5	4	80.0%	9,120
Amherst Co.	009	3	2	66.7%	21,263
Appomattox Co.	011	2	1	50.0%	6,853
Arlington Co.	013	1	1	100.0%	189,453
Augusta Co.	015	14	14	100.0%	65,615
Bath Co.	017	3	0	0.0%	0
Bedford Co.	019	11	10	90.9%	54,883
Bland Co.	021	6	5	83.3%	5,726
Botetourt Co.	023	6	6	100.0%	30,496
Brunswick Co.	025	7	6	85.7%	15,788
Buchanan Co.	027	10	7	70.0%	18,885
Buckingham Co.	029	4	3	75.0%	11,717
Campbell Co.	031	8	8	100.0%	51,078
Caroline Co.	033	6	2	33.3%	7,374
Carroll Co.	035	3	3	100.0%	29,245
Charles City Co.	036	1	1	100.0%	6,926
Charlotte Co.	037	7	4	57.1%	7,127
Chesterfield Co.	041	1	1	100.0%	259,903
Clarke Co.	043	4	4	100.0%	12,652
Craig Co.	045	5	3	60.0%	3,055
Culpeper Co.	047	7	5	71.4%	24,473
Cumberland Co.	049	3	3	100.0%	9,017
Dickenson Co.	051	4	3	75.0%	12,296
Dinwiddie Co.	053	5	4	80.0%	19,626
Essex Co.	057	1	1	100.0%	9,989
Fairfax Co.	059	1	1	100.0%	969,749
Fauquier Co.	061	11	8	72.7%	40,101
Floyd Co.	063	4	4	100.0%	13,874
Fluvanna Co.	065	3	1	33.3%	6,682
Franklin Co.	067	12	11	91.7%	43,346
Frederick Co.	069	12	12	100.0%	59,209

VFIRS PARTICIPATION - CY 2006

as of April 5, 2007

Totals-> 135 569 461 81.0% 6,569,805					
92.8%					
Other FDs-> 4 4					
Locality	Code	# of FDs	¹ VFIRS FDs	% FDs	VFIRS Pop.
Giles Co.	071	8	8	100.0%	16,657
Gloucester Co.	073	2	2	100.0%	34,780
Goochland Co.	075	1	1	100.0%	16,863
Grayson Co.	077	6	4	66.7%	11,945
Greene Co.	079	3	2	66.7%	10,163
Greenville Co.	081	0	0	0.0%	0
Halifax Co.	083	12	8	66.7%	24,903
Hanover Co.	085	12	12	100.0%	86,320
Henrico Co.	087	1	1	100.0%	262,300
Henry Co.	089	8	7	87.5%	50,689
Highland Co.	091	5	0	0.0%	0
Isle of Wight Co.	093	5	3	60.0%	17,837
James City Co.	095	1	1	100.0%	48,102
King & Queen Co.	097	4	1	25.0%	1,658
King George Co.	099	1	1	100.0%	16,803
King William Co.	101	3	2	66.7%	8,764
Lancaster Co.	103	3	2	66.7%	7,711
Lee Co.	105	10	7	70.0%	16,512
Loudoun Co.	107	13	12	92.3%	156,553
Louisa Co.	109	7	5	71.4%	18,305
Lunenburg Co.	111	3	3	100.0%	13,146
Madison Co.	113	1	0	0.0%	0
Mathews Co.	115	1	1	100.0%	9,207
Mecklenburg Co.	117	8	8	100.0%	32,380
Middlesex Co.	119	4	3	75.0%	7,449
Montgomery Co.	121	5	4	80.0%	66,903
Nelson Co.	125	7	6	85.7%	12,381
New Kent Co.	127	3	1	33.3%	4,487
Northampton Co.	131	5	4	80.0%	10,474
Northumberland Co.	133	2	1	50.0%	6,130
Nottoway Co.	135	3	3	100.0%	15,725
Orange Co.	137	5	3	60.0%	15,529
Page Co.	139	3	3	100.0%	23,177
Patrick Co.	141	9	9	100.0%	19,407

VFIRS PARTICIPATION - CY 2006

as of April 5, 2007

Totals-> 135 569 461 81.0% 6,569,805					
92.8%					
Other FDs-> 4 4					
Locality	Code	# of FDs	¹ VFIRS FDs	% FDs	VFIRS Pop.
Pittsylvania Co.	143	21	20	95.2%	58,805
Powhatan Co.	145	5	5	100.0%	22,377
Prince Edward Co.	147	5	4	80.0%	15,776
Prince George Co.	149	1	1	100.0%	33,047
Prince William Co.	153	1	1	100.0%	280,813
Pulaski Co.	155	8	7	87.5%	30,736
Rappahannock Co.	157	6	5	83.3%	5,819
Richmond Co.	159	1	0	0.0%	0
Roanoke Co.	161	1	1	100.0%	85,778
Rockbridge Co.	163	9	6	66.7%	13,872
Rockingham Co.	165	11	11	100.0%	67,725
Russell Co.	167	7	5	71.4%	21,649
Scott Co.	169	7	5	71.4%	16,716
Shenandoah Co.	171	10	7	70.0%	24,553
Smyth Co.	173	7	7	100.0%	33,081
Southampton Co.	175	8	5	62.5%	10,926
Spotsylvania Co.	177	1	1	100.0%	90,395
Stafford Co.	179	1	0	0.0%	0
Surry Co.	181	3	1	33.3%	2,276
Sussex Co.	183	5	3	60.0%	7,502
Tazewell Co.	185	16	7	43.8%	19,512
Warren Co.	187	8	8	100.0%	31,584
Washington Co.	191	9	7	77.8%	39,747
Westmoreland Co.	193	4	4	100.0%	16,718
Wise Co.	195	7	7	100.0%	40,123
Wythe Co.	197	6	6	100.0%	27,599
York Co.	199	1	1	100.0%	56,297
Alexandria	510	1	1	100.0%	128,283
Bedford	515	1	1	100.0%	6,299
Bristol	520	1	1	100.0%	17,367
Buena Vista	530	1	1	100.0%	6,349
Charlottesville	540	1	1	100.0%	45,049
Chesapeake	550	1	1	100.0%	199,184
Colonial Heights	570	1	1	100.0%	16,897

VFIRS PARTICIPATION - CY 2006

as of April 5, 2007

Totals-> 135 569 461 81.0% 6,569,805 92.8%					
Other FDs-> 4 4					
Locality	Code	# of FDs	¹ VFIRS FDs	% FDs	VFIRS Pop.
Covington	580	1	1	100.0%	6,303
Danville	590	1	1	100.0%	48,411
Emporia	595	1	0	0.0%	0
Fairfax	600	1	1	100.0%	21,498
Falls Church	610	1	1	100.0%	10,377
Franklin	620	2	2	100.0%	8,346
Fredericksburg	630	1	1	100.0%	19,279
Galax	640	1	1	100.0%	6,837
Hampton	650	1	1	100.0%	146,437
Harrisonburg	660	1	1	100.0%	40,468
Hopewell	670	1	1	100.0%	22,354
Lexington	678	1	1	100.0%	6,867
Lynchburg	680	1	1	100.0%	65,269
Manassas	683	1	1	100.0%	35,135
Manassas Park	685	1	1	100.0%	10,290
Martinsville	690	1	1	100.0%	15,416
Newport News	700	1	1	100.0%	180,150
Norfolk	710	1	1	100.0%	234,403
Norton	720	1	1	100.0%	3,904
Petersburg	730	1	1	100.0%	33,740
Poquoson	735	1	1	100.0%	11,566
Portsmouth	740	1	1	100.0%	100,565
Radford	750	1	1	100.0%	15,859
Richmond	760	1	1	100.0%	197,790
Roanoke	770	1	1	100.0%	94,911
Salem	775	1	1	100.0%	24,747
Staunton	790	1	1	100.0%	23,853
Suffolk	800	5	4	80.0%	50,942
Virginia Beach	810	1	1	100.0%	425,257
Waynesboro	820	1	1	100.0%	19,520
Williamsburg	830	1	1	100.0%	11,998
Winchester	840	1	1	100.0%	23,585
Other	9XX	4	4		

VFIRS PARTICIPATION - CY 2006

as of April 5, 2007

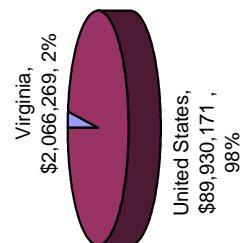
Totals->					
	135	569	461	81.0%	6,569,805
					92.8%
<i>Other FDs-></i>					
		4	4		
Locality	Code	# of FDs	¹ VFIRS FDs	% FDs	VFIRS Pop.

¹VFIRS FDs - Three months reporting required during year to be listed as participating

Assistance to Firefighters Grant (AFG) Program
FFY 2001 Data current as of 01/11/2006

2001					
Category	# of Awards	VIRGINIA		UNITED STATES	
		# of Awards	Amount	# of Awards	Amount
Firefighting Equipment		4	\$276,174	404	\$14,919,464
Fire Prevention Programs		3	\$288,412	209	\$9,071,485
Personal Protective Equipment		7	\$364,978	707	\$34,136,809
Training		1	\$112,000	161	\$5,199,356
Vehicles		4	\$442,000	208	\$20,412,606
Wellness and Fitness		4	\$582,705	169	\$8,256,720
TOTALS		23	\$2,066,269	1,858	\$91,996,440
Mean Award			\$89,837.80		\$49,513.69
Median Award			\$73,737		\$30,224
Total # of Applications			Unknown		Unknown
Total Amount Requested			Unknown		Unknown

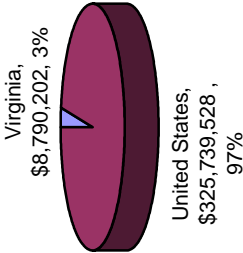
**AMOUNT AWARDED:
VIRGINIA VS UNITED STATES**



Assistance to Firefighters Grant (AFG) Program
FFY 2002 Data current as of 01/11/2006

2002					
Category	# of Awards	Amount	# of Awards	Amount	
VIRGINIA			UNITED STATES		
Emergency Medical Services	1	\$46,211	53	\$3,069,736	
Fire Operations and Fire Safety	84	\$6,810,421	4732	\$281,433,370	
Fire Prevention	4	\$389,393	216	\$10,927,059	
Firefighting Vehicles	9	\$1,544,177	315	\$39,099,565	
TOTALS	98	\$8,790,202	5,316	\$334,529,730	
Mean Award		\$89,695.94		\$62,928.84	
Median Award		\$62,790		\$44,168	
Total # of Applications		Unknown		Unknown	
Total Amount Requested		Unknown		Unknown	

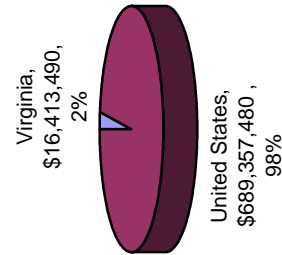
AMOUNT AWARDED:
VIRGINIA VS UNITED STATES



Assistance to Firefighters Grant (AFG) Program
 FFY 2003 Data current as of 01/11/2006

2003					
Category	# of Awards	VIRGINIA		UNITED STATES	
		Amount	# of Awards	Amount	Amount
Emergency Medical Services	2	\$332,824	68	\$4,547,325	
Fire Operations and Fire Safety	124	\$12,611,723	7016	\$502,157,331	
Fire Prevention	6	\$173,724	295	\$13,953,059	
Firefighting Vehicles	20	\$3,295,219	1,376	\$185,113,255	
TOTALS	152	\$16,413,490	8,755	\$705,770,970	
Mean Award		\$107,983.49		\$80,613.47	
Median Award		\$77,481		\$43,418	
Total # of Applications		Unknown		Unknown	
Total Amount Requested		Unknown		Unknown	

AMOUNT AWARDED:
 VIRGINIA VS UNITED STATES

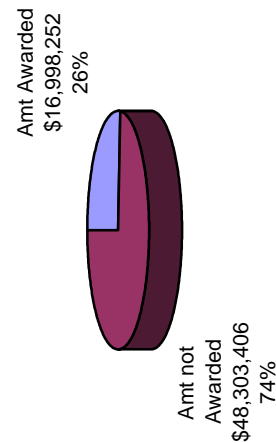
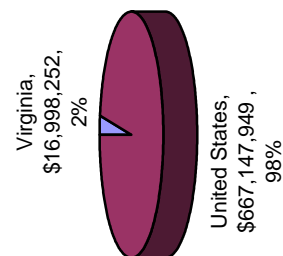


Assistance to Firefighters Grant (AFG) Program
FFY 2004 Data current as of 11/11/2005

2004

Category	# of Awards	VIRGINIA		UNITED STATES	
		Amount	# of Awards	Amount	# of Awards
Fire Operations & Firefighter Safety	129	\$12,565,862		\$476,044,301	6,344
Fire Prevention	1	\$21,273		\$8,471,924	172
Firefighting Vehicles	25	\$4,411,117		\$199,629,976	1,358
TOTALS	155	\$16,998,252		\$684,146,201	7,874
Mean Award		\$109,666.14		\$86,886.74	
Median Award		\$89,375		\$65,016	
Total # of Applications		373		20,367	
Total Amount Requested		\$65,301,658		\$2,664,216,693	

AMOUNT AWARDED:
VIRGINIA VS UNITED STATES

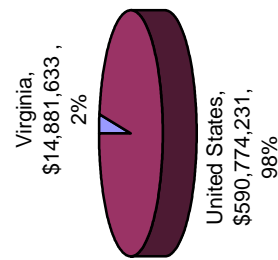


Assistance to Firefighters Grant (AFG) Program
FFY2005 Data current as of 09/22/2006

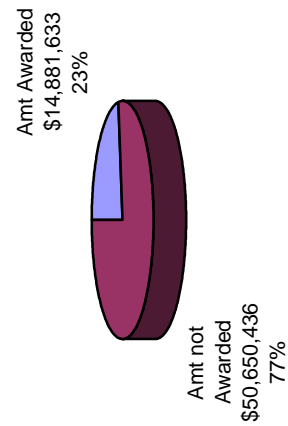
2005

Category	# of Awards	VIRGINIA		UNITED STATES	
		# of Awards	Amount	# of Awards	Amount
Fire Operations & Firefighter Safety	103		\$11,225,634	5,055	\$446,272,392
Firefighting Vehicles	18		\$3,655,999	907	\$159,383,472
TOTALS	121		\$14,881,633	5,962	\$605,655,864
Mean Award			\$122,988.70		\$101,586.02
Median Award			\$89,110		\$77,625
Total # of Applications			385		20,972
Total Amount Requested			\$65,532,069		\$2,916,760,440

**AMOUNT AWARDED:
VIRGINIA VS UNITED STATES**



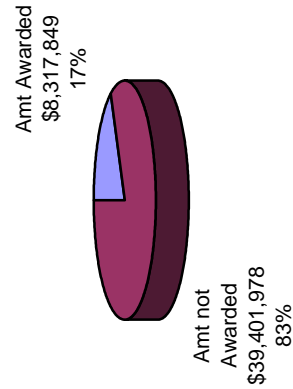
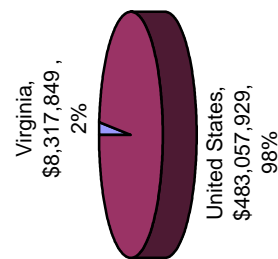
**VIRGINIA:
AWARDED VS NOT AWARDED**



Assistance to Firefighters Grant (AFG) Program
FFY2006 Data current as of 10/19/2007

2006					
Category	# of Awards	VIRGINIA		UNITED STATES	
		# of Awards	Amount	# of Awards	Amount
Fire Operations & Firefighter Safety	71		\$6,772,199	4,235	\$357,280,722
Firefighting Vehicles	8		\$1,545,650	734	\$134,095,056
TOTALS	79		\$8,317,849	4,969	\$491,375,778
Mean Award			\$105,289.23		\$98,888.26
Median Award			\$80,000		\$68,869
Total # of Applications			301		18,160
Total Amount Requested			\$47,719,827		\$2,326,457,902

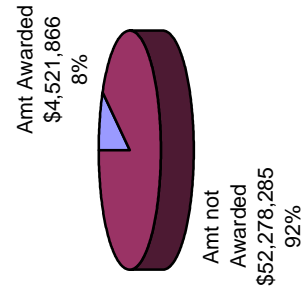
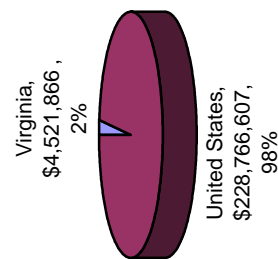
AMOUNT AWARDED:
VIRGINIA VS UNITED STATES



Assistance to Firefighters Grant (AFG) Program
FFY2007 Data current as of 11/23/2007

2007					
Category	# of Awards	VIRGINIA		UNITED STATES	
		# of Awards	Amount	# of Awards	Amount
Fire Operations & Firefighter Safety	35		\$3,448,366	2,236	\$151,632,150
Firefighting Vehicles	5		\$1,073,500	428	\$81,656,323
TOTALS	40		\$4,521,866	2,664	\$233,288,473
Mean Award			\$113,046.65		\$87,570.75
Median Award			\$67,534		\$59,006
Total # of Applications			318		20,731
Total Amount Requested			\$56,800,151		\$3,100,309,057

AMOUNT AWARDED:
VIRGINIA VS UNITED STATES

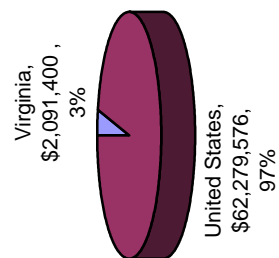


**Staffing for Adequate Fire and Emergency Response (SAFER)
FFY2005 Data current as of 10/06/2006**

2005

Category	# of Awards	VIRGINIA		UNITED STATES	
		# of Awards	Amount	# of Awards	Amount
Hiring		1	\$800,000	85	\$55,533,844
Recruitment		3	\$1,291,400	75	\$8,031,584
Hiring and Recruitment		0	\$0	2	\$805,548
TOTALS		4	\$2,091,400	162	\$64,370,976
Total # of Applications	Unknown			Unknown	
Total Amount Requested	Unknown			Unknown	

**AMOUNT AWARDED:
VIRGINIA VS UNITED STATES**

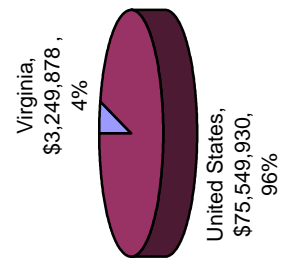


Staffing for Adequate Fire and Emergency Response (SAFER)
FFY2006 Data current as of 12/15/2006

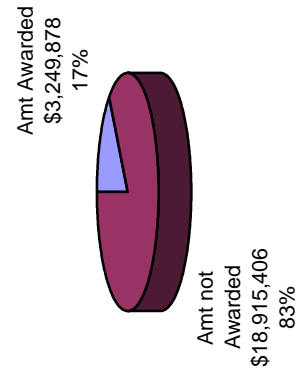
2006

Category	# of Awards	VIRGINIA		# of Awards	UNITED STATES	
		Amount	Amount		Amount	Amount
Hiring	2	\$924,308		116	\$64,729,044	
Recruitment	3	\$201,570		75	\$8,069,145	
Hiring and Recruitment	2	\$2,124,000		5	\$2,751,741	
TOTALS	7	\$3,249,878		196	\$75,549,930	
Total # of Applications		31			1,727	
Total Amount Requested		\$22,165,284			\$738,215,693	

**AMOUNT AWARDED:
VIRGINIA VS UNITED STATES**



**VIRGINIA:
AWARDED VS NOT AWARDED**



Aid To Localities (ATL) Funding By Locality, FY 2004-2008

FIPS	County/Town/City	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2008 Population	FY 2008 Per Capita
001	Accomack County	\$40,778.41	\$53,834.67	\$61,931.95	\$66,305.00	\$72,060.24	27,336	\$2.64
003	Albemarle County	\$124,824.24	\$164,749.51	\$189,529.53	\$202,911.00	\$220,525.01	83,656	\$2.64
005	Alleghany County	\$18,684.24	\$24,660.44	\$28,369.62	\$30,373.00	\$33,009.16	12,522	\$2.64
007	Amelia County	\$17,010.09	\$22,450.80	\$25,827.64	\$27,651.00	\$30,051.46	11,400	\$2.64
009	Amherst County	\$44,230.72	\$58,378.00	\$67,158.53	\$71,900.00	\$78,141.71	29,643	\$2.64
011	Appomattox County	\$17,535.32	\$23,144.02	\$26,625.12	\$28,505.00	\$30,979.37	11,752	\$2.64
013	Arlington County	\$282,685.36	\$373,102.82	\$429,221.32	\$459,527.00	\$499,415.76	189,453	\$2.64
015	Augusta County	\$96,438.27	\$127,284.24	\$146,429.10	\$156,768.00	\$170,375.97	64,632	\$2.64
017	Bath County	\$12,000.00	\$12,000.00	\$12,000.00	\$16,000.00	\$16,000.00	5,048	\$3.17
019	Bedford County	\$90,808.38	\$118,892.76	\$136,775.46	\$146,433.00	\$159,143.58	60,371	\$2.64
021	Bland County	\$12,000.00	\$13,531.53	\$15,566.81	\$16,666.00	\$18,112.60	6,871	\$2.64
023	Bortolotto County	\$42,483.45	\$56,071.87	\$64,505.65	\$69,060.00	\$75,054.84	28,472	\$2.64
025	Brunswick County	\$24,718.35	\$32,624.56	\$37,531.63	\$40,182.00	\$43,669.52	16,566	\$2.64
027	Buchanan County	\$38,605.45	\$50,953.48	\$58,617.40	\$62,756.00	\$68,203.64	25,873	\$2.64
029	Buckingham County	\$22,644.31	\$29,887.14	\$34,382.47	\$36,810.00	\$40,005.35	15,176	\$2.64
031	Campbell County	\$69,225.11	\$91,366.90	\$105,109.41	\$112,531.00	\$122,298.91	46,394	\$2.64
033	Caroline County	\$31,356.76	\$41,386.28	\$47,611.21	\$50,973.00	\$55,397.50	21,015	\$2.64
035	Carroll County	\$39,385.83	\$51,983.46	\$59,802.30	\$64,025.00	\$69,582.32	26,396	\$2.64
036	Charles City County	\$12,000.00	\$13,639.85	\$15,691.42	\$16,799.00	\$18,257.58	6,926	\$2.64
037	Charlotte County	\$15,647.79	\$20,652.77	\$23,759.16	\$25,437.00	\$27,644.71	10,487	\$2.64
041	Chesterfield County	\$387,804.75	\$511,844.85	\$588,831.58	\$630,407.00	\$685,128.52	259,903	\$2.64
043	Clarke County	\$13,808.02	\$18,224.54	\$20,965.70	\$22,446.00	\$24,394.41	9,254	\$2.64
045	Craig County	\$12,000.00	\$12,000.00	\$12,000.00	\$16,000.00	\$16,000.00	4,912	\$3.26
047	Culpeper County	\$36,703.01	\$48,442.53	\$55,728.79	\$59,664.00	\$64,842.62	24,598	\$2.64
049	Cumberland County	\$12,742.65	\$16,818.41	\$19,348.07	\$20,714.00	\$22,512.24	8,540	\$2.64
051	Dickenson County	\$21,241.73	\$28,035.93	\$32,252.83	\$34,530.00	\$37,527.42	14,236	\$2.64
053	Dinwiddie County	\$35,886.82	\$47,365.29	\$54,489.51	\$58,337.00	\$63,400.68	24,051	\$2.64
057	Essex County	\$12,000.00	\$15,461.51	\$17,787.08	\$19,043.00	\$20,695.97	7,851	\$2.64
059	Fairfax County	\$1,392,822.25	\$1,838,319.15	\$2,114,821.18	\$2,264,141.00	\$2,460,676.98	933,456	\$2.64
061	Fauquier County	\$70,993.26	\$93,700.60	\$107,794.13	\$115,405.00	\$125,422.68	47,579	\$2.64
063	Floyd County	\$20,056.99	\$26,472.26	\$30,453.95	\$32,604.00	\$35,434.36	13,442	\$2.64
065	Fluvanna County	\$29,801.98	\$39,334.20	\$45,250.47	\$48,445.00	\$52,650.69	19,973	\$2.64
067	Franklin County	\$64,063.89	\$84,554.85	\$97,272.77	\$104,141.00	\$113,180.66	42,935	\$2.64
069	Frederick County	\$85,122.09	\$112,348.55	\$129,246.93	\$138,373.00	\$150,383.84	57,048	\$2.64
071	Giles County	\$14,722.68	\$19,431.76	\$22,354.50	\$23,933.00	\$26,010.33	9,867	\$2.64
073	Gloucester County	\$51,895.70	\$68,494.65	\$78,796.94	\$84,360.00	\$91,683.32	34,780	\$2.64
075	Goodland County	\$25,161.51	\$33,209.47	\$38,204.51	\$40,902.00	\$44,452.44	16,863	\$2.64
077	Grayson County	\$22,533.90	\$29,741.41	\$34,214.82	\$36,631.00	\$39,810.28	15,102	\$2.64
079	Greene County	\$22,035.53	\$29,083.64	\$33,458.12	\$35,820.00	\$38,929.82	14,768	\$2.64
081	Greensville County	\$16,625.13	\$21,942.71	\$25,243.12	\$27,025.00	\$29,371.35	11,142	\$2.64
083	Halifax County	\$40,519.83	\$53,480.18	\$61,524.15	\$65,868.00	\$71,585.75	27,156	\$2.64
085	Hanover County	\$118,922.35	\$156,960.66	\$180,569.16	\$193,318.00	\$210,099.26	79,701	\$2.64

Aid To Localities (ATL) Funding By Locality, FY 2004-2008

FIPS	County/Town/City	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2008 Population	FY 2008 Per Capita
087	Henrico County	\$391,381.35	\$516,565.43	\$594,262.18	\$636,221.00	\$691,447.24	262,300	\$2.64
089	Henry County	\$85,207.14	\$112,460.80	\$129,376.06	\$138,511.00	\$150,534.10	57,105	\$2.64
091	Highland County	\$12,000.00	\$12,000.00	\$12,000.00	\$16,000.00	\$16,000.00	2,378	\$6.73
093	Isle of Wight County	\$31,419.43	\$41,469.00	\$47,706.36	\$51,075.00	\$55,508.21	21,057	\$2.64
095	James City County	\$71,773.64	\$94,730.58	\$108,979.03	\$116,674.00	\$126,801.35	48,102	\$2.64
097	King & Queen County	\$12,000.00	\$13,056.92	\$15,020.81	\$16,081.00	\$17,477.30	6,630	\$2.64
099	King George County	\$25,071.98	\$33,091.30	\$38,068.58	\$40,756.00	\$44,294.27	16,803	\$2.64
101	King William County	\$15,338.93	\$20,245.11	\$23,290.18	\$24,935.00	\$27,099.04	10,280	\$2.64
103	Lancaster County	\$13,936.34	\$18,393.90	\$21,160.54	\$22,655.00	\$24,621.11	9,340	\$2.64
105	Lee County	\$30,818.11	\$40,675.34	\$46,793.33	\$50,097.00	\$54,445.87	20,654	\$2.64
107	Loudoun County	\$201,526.33	\$265,984.92	\$305,991.78	\$327,597.00	\$356,033.38	135,061	\$2.64
109	Louisa County	\$35,498.87	\$46,853.25	\$53,900.46	\$57,706.00	\$62,715.29	23,791	\$2.64
111	Lunenburg County	\$14,840.56	\$19,587.34	\$22,533.48	\$24,124.00	\$26,218.58	9,946	\$2.64
113	Madison County	\$18,367.92	\$24,242.93	\$27,889.32	\$29,858.00	\$32,450.31	12,310	\$2.64
115	Mathews County	\$13,737.89	\$18,131.98	\$20,859.21	\$22,332.00	\$24,270.51	9,207	\$2.64
117	Mecklenburg County	\$34,394.71	\$45,395.92	\$52,223.93	\$55,911.00	\$60,764.58	23,051	\$2.64
119	Middlesex County	\$14,009.45	\$18,490.40	\$21,271.55	\$22,773.00	\$24,750.28	9,389	\$2.64
121	Montgomery County	\$40,449.70	\$53,383.68	\$61,413.13	\$65,749.00	\$71,456.58	27,107	\$2.64
125	Nelson County	\$21,553.58	\$28,447.53	\$32,726.33	\$35,037.00	\$38,078.37	14,445	\$2.64
127	New Kent County	\$20,086.83	\$26,511.64	\$30,499.27	\$32,653.00	\$35,487.09	13,462	\$2.64
131	Northampton County	\$14,160.16	\$18,689.31	\$21,500.37	\$23,018.00	\$25,016.52	9,490	\$2.64
133	Northumberland County	\$18,220.20	\$24,047.96	\$27,665.02	\$29,618.00	\$32,189.33	12,211	\$2.64
135	Nottoway County	\$13,702.08	\$18,084.71	\$20,804.84	\$22,274.00	\$24,207.24	9,183	\$2.64
137	Orange County	\$30,246.63	\$39,921.07	\$45,925.61	\$49,168.00	\$53,436.24	20,271	\$2.64
139	Page County	\$22,533.90	\$29,741.41	\$34,214.82	\$36,631.00	\$39,810.28	15,102	\$2.64
141	Patrick County	\$27,523.52	\$36,326.98	\$41,790.93	\$44,742.00	\$48,625.37	18,446	\$2.64
143	Pittsylvania County	\$86,354.57	\$113,975.25	\$131,118.30	\$140,376.00	\$152,561.26	57,874	\$2.64
145	Powhatan County	\$33,389.02	\$44,068.57	\$50,696.93	\$54,276.00	\$58,987.86	22,377	\$2.64
147	Prince Edward County	\$19,912.25	\$26,281.23	\$30,234.19	\$32,369.00	\$35,178.66	13,345	\$2.64
149	Prince George County	\$49,424.76	\$65,233.37	\$75,045.14	\$80,344.00	\$87,317.95	33,124	\$2.64
153	Prince William County	\$408,357.12	\$538,970.94	\$620,037.71	\$663,816.00	\$721,438.07	273,677	\$2.64
155	Pulaski County	\$34,864.72	\$46,016.27	\$52,937.59	\$56,675.00	\$61,594.95	23,366	\$2.64
157	Rappahannock County	\$12,000.00	\$13,391.71	\$15,405.96	\$16,494.00	\$17,925.43	6,800	\$2.64
159	Richmond County	\$12,000.00	\$14,640.29	\$16,842.34	\$18,032.00	\$19,596.72	7,434	\$2.64
161	Roanoke County	\$116,378.88	\$153,602.89	\$176,706.34	\$189,183.00	\$205,604.72	77,996	\$2.64
163	Rockbridge County	\$28,881.35	\$38,119.10	\$43,852.61	\$46,949.00	\$51,024.22	19,356	\$2.64
165	Rockingham County	\$78,804.48	\$103,925.56	\$119,557.03	\$127,998.00	\$139,109.27	52,771	\$2.64
167	Russell County	\$36,819.39	\$48,596.14	\$55,905.50	\$59,853.00	\$65,048.23	24,676	\$2.64
169	Scott County	\$28,360.60	\$37,431.79	\$43,061.92	\$46,102.00	\$50,104.22	19,007	\$2.64
171	Shenandoah County	\$33,784.43	\$44,490.01	\$51,181.76	\$54,796.00	\$59,551.98	22,591	\$2.64
173	Smyth County	\$34,267.88	\$45,228.52	\$52,031.36	\$55,705.00	\$60,540.52	22,966	\$2.64
175	Southampton County	\$21,916.16	\$28,926.09	\$33,276.87	\$35,626.00	\$38,718.94	14,688	\$2.64

Aid To Localities (ATL) Funding By Locality, FY 2004-2008

FIPS	County/Town/City	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2008 Population	FY 2008 Per Capita
177	Spotsylvania County	\$134,879.59	\$178,021.09	\$204,797.29	\$219,257.00	\$238,289.64	90,395	\$2.64
179	Stafford County	\$137,939.92	\$182,060.27	\$209,444.00	\$224,232.00	\$243,696.27	92,446	\$2.64
181	Surry County	\$12,000.00	\$12,000.00	\$13,428.10	\$16,000.00	\$16,000.00	5,927	\$2.70
183	Sussex County	\$13,106.72	\$17,298.94	\$19,900.87	\$21,306.00	\$23,155.44	8,784	\$2.64
185	Tazewell County	\$44,232.21	\$58,379.97	\$67,160.91	\$71,903.00	\$78,144.35	29,644	\$2.64
187	Warren County	\$26,850.58	\$35,438.79	\$40,769.15	\$43,648.00	\$47,436.50	17,995	\$2.64
191	Washington County	\$60,733.49	\$80,159.22	\$92,215.99	\$98,727.00	\$107,296.90	40,703	\$2.64
193	Westmoreland County	\$19,658.59	\$25,946.43	\$29,849.04	\$31,957.00	\$34,730.53	13,175	\$2.64
195	Wise County	\$40,794.38	\$53,842.54	\$61,941.01	\$66,314.00	\$72,070.79	27,340	\$2.64
197	Wythe County	\$27,522.03	\$36,325.01	\$41,788.66	\$44,739.00	\$48,622.74	18,445	\$2.64
199	York County	\$84,001.51	\$110,869.55	\$127,545.47	\$136,551.00	\$148,404.14	56,297	\$2.64
300	Abingdon	\$11,608.64	\$15,321.69	\$17,626.23	\$18,871.00	\$20,508.80	7,780	\$2.64
301	Accomac	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	547	\$14.63
302	Alberta	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	306	\$26.14
303	Altavista	\$6,000.00	\$6,745.09	\$7,759.62	\$8,307.00	\$9,028.62	3,425	\$2.64
304	Amherst	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	2,251	\$3.55
305	Appalachia	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,839	\$4.35
306	Appomattox	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,761	\$4.54
307	Ashland	\$9,876.30	\$13,035.25	\$14,995.89	\$16,055.00	\$17,448.30	6,619	\$2.64
308	Belle Haven	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	480	\$16.67
309	Berryville	\$6,000.00	\$6,000.00	\$6,733.31	\$8,000.00	\$8,000.00	2,972	\$2.69
310	Big Stone Gap	\$8,812.42	\$11,631.09	\$13,380.53	\$14,325.00	\$15,568.77	5,906	\$2.64
311	Blacksburg	\$59,047.40	\$77,937.77	\$89,660.41	\$95,991.00	\$104,323.39	39,575	\$2.64
312	Blackstone	\$6,000.00	\$7,237.43	\$8,326.01	\$8,914.00	\$9,687.64	3,675	\$2.64
313	Bloxom	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	403	\$19.85
314	Bluefield	\$7,576.95	\$10,000.45	\$11,504.63	\$12,317.00	\$13,386.08	5,078	\$2.64
315	Boones Mill	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	285	\$28.07
316	Bowling Green	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	936	\$8.55
317	Boyce	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	426	\$18.78
318	Boydton	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	477	\$16.77
319	Boykins	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	620	\$12.90
320	Branchville	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	123	\$65.04
321	Bridgewater	\$7,763.47	\$10,246.63	\$11,787.82	\$12,620.00	\$13,715.59	5,203	\$2.64
322	Broadway	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	2,219	\$3.61
323	Brodnax	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	317	\$25.24
324	Brookneal	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,259	\$6.35
325	Buchanan	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,233	\$6.49
326	Burkeville	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	489	\$16.36
327	Cape Charles	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,134	\$7.05
328	Capron	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	173	\$46.24
329	Cedar Bluff	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,085	\$7.37
330	Charlotte Court House	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	463	\$17.28

Aid To Localities (ATL) Funding By Locality, FY 2004-2008

FIPS	County/Town/City	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2008 Population	FY 2008 Per Capita
331	Chase City	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	2,457	\$3.26
332	Chatham	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,338	\$5.98
333	Cheriton	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	499	\$16.03
334	Chilhowie	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,827	\$4.38
335	Chincoteague	\$6,441.45	\$8,501.77	\$9,780.52	\$10,471.00	\$11,380.01	4,317	\$2.64
336	Christiansburg	\$25,286.85	\$33,374.89	\$38,394.82	\$41,106.00	\$44,673.87	16,947	\$2.64
337	Claremont	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	343	\$23.32
338	Clarksville	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,329	\$6.02
339	Cleveland	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	148	\$54.05
340	Clifton	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	185	\$43.24
341	Clinchport	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	77	\$103.90
342	Clintwood	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,549	\$5.16
344	Coeburn	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,996	\$4.01
345	Colonial Beach	\$6,000.00	\$6,357.12	\$7,313.30	\$8,000.00	\$8,509.31	3,228	\$2.64
346	Columbia	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	49	\$163.27
347	Courtland	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,270	\$6.30
348	Craigsville	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	979	\$8.17
349	Crewe	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	2,378	\$3.36
350	Culpeper	\$14,419.78	\$19,031.98	\$21,894.59	\$23,440.00	\$25,475.20	9,664	\$2.64
351	Damascus	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	981	\$8.15
352	Dayton	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,344	\$5.95
353	Dendron	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	297	\$26.94
354	Dillwyn	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	447	\$17.90
355	Drakes Branch	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	504	\$15.87
357	Dublin	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	2,288	\$3.50
358	Duffield	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	62	\$129.03
359	Dumfries	\$7,366.56	\$9,722.77	\$11,185.18	\$11,975.00	\$13,014.39	4,937	\$2.64
360	Dungannon	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	317	\$25.24
361	Eastville	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	203	\$39.41
362	Edinburg	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	813	\$9.84
363	Elkton	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	2,042	\$3.92
364	Exmore	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,136	\$7.04
365	Farmville	\$10,213.52	\$13,480.33	\$15,507.91	\$16,603.00	\$18,044.06	6,845	\$2.64
366	Fincastle	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	359	\$22.28
367	Floyd	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	432	\$18.52
368	Fries	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	614	\$13.03
369	Front Royal	\$20,276.33	\$26,761.75	\$30,786.99	\$32,961.00	\$35,821.87	13,589	\$2.64
370	Gate City	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	2,159	\$3.71
371	Glade Spring	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,374	\$5.82
372	Glasgow	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,046	\$7.65
373	Glen Lyn	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	151	\$52.98
374	Gordonsville	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,498	\$5.34

Aid To Localities (ATL) Funding By Locality, FY 2004-2008

FIPS	County/Town/City	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2008 Population	FY 2008 Per Capita
375	Goshen	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	406	\$19.70
376	Gretna	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,257	\$6.36
377	Grotoes	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	2,114	\$3.78
378	Grundy	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,105	\$7.24
379	Halifax	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,389	\$5.76
380	Hallwood	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	290	\$27.59
381	Hamilton	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	562	\$14.23
382	Haymarket	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	879	\$9.10
383	Haysi	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	186	\$43.01
384	Herndon	\$32,311.72	\$42,646.68	\$49,061.18	\$52,525.00	\$57,084.60	21,655	\$2.64
385	Hillsboro	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	96	\$83.33
386	Hillsville	\$6,000.00	\$6,000.00	\$6,454.64	\$8,000.00	\$8,000.00	2,849	\$2.81
387	Honaker	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	945	\$8.47
388	Hurt	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,276	\$6.27
389	Independence	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	971	\$8.24
390	Iron Gate	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	404	\$19.80
391	Irvington	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	673	\$11.89
392	Ivor	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	320	\$25.00
393	Jarrett	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	589	\$13.58
394	Jonesville	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	995	\$8.04
395	Keller	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	173	\$46.24
396	Kenbridge	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,379	\$5.80
397	Keysville	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	817	\$9.79
398	Kilmarnock	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,244	\$6.43
399	La Crosse	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	618	\$12.94
400	Lawrenceville	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,275	\$6.27
401	Lebanon	\$6,000.00	\$6,445.74	\$7,415.25	\$8,000.00	\$8,627.93	3,273	\$2.64
402	Leesburg	\$42,243.22	\$55,754.80	\$64,140.89	\$68,670.00	\$74,630.43	28,311	\$2.64
403	Louisa	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,401	\$5.71
404	Lovettsville	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	853	\$9.38
405	Luray	\$7,268.00	\$9,592.80	\$11,035.65	\$11,815.00	\$12,840.41	4,871	\$2.64
406	Madison	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	210	\$38.10
407	Marion	\$9,473.43	\$12,503.52	\$14,384.18	\$15,400.00	\$16,736.56	6,349	\$2.64
408	McKenney	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	482	\$16.60
409	Melfa	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	450	\$17.78
410	Middleburg	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	632	\$12.66
411	Middletown	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,015	\$7.88
412	Mineral	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	424	\$18.87
413	Monterey	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	158	\$50.63
414	Montross	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	315	\$25.40
415	Mount Crawford	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	286	\$27.97
416	Mount Jackson	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,664	\$4.81

Aid To Localities (ATL) Funding By Locality, FY 2004-2008

FIPS	County/Town/City	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2008 Population	FY 2008 Per Capita
417	Narrows	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	2,111	\$3.79
418	Nassawadox	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	572	\$13.99
419	New Castle	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	179	\$44.69
420	New Market	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,732	\$4.62
421	Newsoms	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	288	\$27.78
422	Nickelsville	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	448	\$17.86
423	Occoquan	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	759	\$10.54
424	Onancock	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,525	\$5.25
425	Onley	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	496	\$16.13
426	Orange	\$6,151.98	\$8,119.71	\$9,340.99	\$10,001.00	\$10,868.61	4,123	\$2.64
427	Painter	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	246	\$32.52
428	Pamplin City	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	199	\$40.20
429	Parksley	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	837	\$9.56
430	Pearisburg	\$6,000.00	\$6,000.00	\$6,182.77	\$8,000.00	\$8,000.00	2,729	\$2.93
431	Pembroke	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,134	\$7.05
432	Pennington Gap	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,781	\$4.49
433	Phenix	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	200	\$40.00
434	Pocahantas	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	441	\$18.14
435	Port Royal	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	170	\$47.06
436	Pound	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,089	\$7.35
437	Pulaski	\$14,134.79	\$18,655.83	\$21,461.86	\$22,977.00	\$24,971.71	9,473	\$2.64
438	Purcellville	\$6,000.00	\$7,058.22	\$8,119.85	\$8,693.00	\$9,447.76	3,584	\$2.64
439	Quantico	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	561	\$14.26
440	Remington	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	624	\$12.82
441	Rich Creek	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	665	\$12.03
442	Richlands	\$6,183.32	\$8,161.06	\$9,388.57	\$10,051.00	\$10,923.97	4,144	\$2.64
443	Ridgeway	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	825	\$9.70
444	Rocky Mount	\$6,066.93	\$8,007.45	\$9,211.86	\$9,862.00	\$10,718.35	4,066	\$2.64
445	Round Hill	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	500	\$16.00
446	Rural Retreat	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,350	\$5.93
447	Saint Charles	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	159	\$50.31
448	Saint Paul	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,000	\$8.00
449	Saltville	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	2,204	\$3.63
450	Saxis	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	337	\$23.74
451	Scottsburg	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	155	\$51.61
452	Scottsville	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	555	\$14.41
453	Shenandoah	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,878	\$4.26
454	Smithfield	\$9,436.13	\$12,454.29	\$14,327.54	\$15,339.00	\$16,670.65	6,324	\$2.64
455	South Hill	\$6,569.78	\$8,671.13	\$9,975.36	\$10,680.00	\$11,606.72	4,403	\$2.64
456	Standardsville	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	476	\$16.81
457	Stanley	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,326	\$6.03
458	Stephens City	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,146	\$6.98

Aid To Localities (ATL) Funding By Locality, FY 2004-2008

FIPS	County/Town/City	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2008 Population	FY 2008 Per Capita
459	Stony Creek	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	202	\$39.60
460	Strasburg	\$6,000.00	\$7,910.95	\$9,100.84	\$9,743.00	\$10,589.19	4,017	\$2.64
461	Stuart	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	961	\$8.32
462	Surry	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	262	\$30.53
463	Tangier	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	691	\$11.58
464	Tappahannock	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	2,138	\$3.74
465	Tazewell	\$6,275.83	\$8,283.17	\$9,529.04	\$10,202.00	\$11,087.41	4,206	\$2.64
466	The Plains	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	266	\$30.08
467	Timberville	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,739	\$4.60
468	Toms Brook	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	255	\$31.37
469	Troutdale	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	194	\$41.24
470	Troutville	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	432	\$18.52
471	Urbanna	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	543	\$14.73
472	Victoria	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,821	\$4.39
473	Vienna	\$21,565.52	\$28,463.29	\$32,744.46	\$35,056.00	\$38,099.45	14,453	\$2.64
474	Vinton	\$11,611.53	\$15,325.63	\$17,630.76	\$18,876.00	\$20,514.08	7,782	\$2.64
475	Virgilina	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	159	\$50.31
476	Wachapreague	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	236	\$33.90
477	Wakefield	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,038	\$7.71
478	Warrenton	\$9,952.40	\$13,135.69	\$15,111.43	\$16,178.00	\$17,582.74	6,670	\$2.64
479	Warsaw	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,375	\$5.82
480	Washington	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	183	\$43.72
481	Waverly	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	2,309	\$3.46
482	Weber City	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	1,333	\$6.00
483	West Point	\$6,000.00	\$6,000.00	\$6,493.16	\$8,000.00	\$8,000.00	2,866	\$2.79
484	White Stone	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	358	\$22.35
485	Windsor	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	2,347	\$3.41
486	Wise	\$12,410.30	\$12,405.05	\$7,374.47	\$8,000.00	\$8,580.48	3,255	\$2.64
487	Woodstock	\$6,000.00	\$7,883.38	\$9,069.13	\$9,709.00	\$10,552.28	4,003	\$2.64
488	Wytheville	\$11,644.45	\$15,368.95	\$17,680.60	\$18,929.00	\$20,572.07	7,804	\$2.64
490	Clinchco	\$6,000.00	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00	424	\$18.87
492	South Boston	\$12,669.53	\$16,721.91	\$19,237.06	\$20,595.00	\$22,383.07	8,491	\$2.64
493	Clifton Forge	\$12,000.00	\$12,000.00	\$12,000.00	\$16,000.00	\$11,306.20	4,289	\$2.64
510	Alexandria	\$191,412.79	\$252,636.54	\$290,635.67	\$311,156.00	\$338,165.94	128,283	\$2.64
515	Bedford	\$12,000.00	\$12,405.05	\$14,270.90	\$16,000.00	\$16,604.75	6,299	\$2.64
520	Bristol	\$25,913.53	\$34,202.03	\$39,346.36	\$42,124.00	\$45,781.03	17,367	\$2.64
530	Buena Vista	\$12,000.00	\$12,503.52	\$14,384.18	\$16,000.00	\$16,736.56	6,349	\$2.64
540	Charlottesville	\$60,375.68	\$78,969.72	\$90,847.58	\$97,262.00	\$105,704.70	40,099	\$2.64
550	Chesapeake	\$297,205.12	\$392,266.75	\$451,267.70	\$483,130.00	\$525,067.58	199,184	\$2.64
570	Colonial Heights	\$25,212.24	\$33,276.42	\$38,281.54	\$40,984.00	\$44,542.07	16,897	\$2.64
580	Covington	\$12,000.00	\$12,412.93	\$14,279.96	\$16,000.00	\$16,615.30	6,303	\$2.64
590	Danville	\$72,234.70	\$95,339.11	\$109,679.09	\$117,423.00	\$127,615.91	48,411	\$2.64

Aid To Localities (ATL) Funding By Locality, FY 2004-2008

FIPS	County/Town/City	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2008 Population	FY 2008 Per Capita
595	Emporia	\$12,000.00	\$12,000.00	\$12,834.52	\$16,000.00	\$16,000.00	5,665	\$2.82
600	Fairfax	\$32,077.45	\$42,337.49	\$48,705.48	\$52,144.00	\$56,670.73	21,498	\$2.64
610	Falls Church	\$15,483.66	\$20,436.14	\$23,509.95	\$25,170.00	\$27,354.74	10,377	\$2.64
620	Franklin	\$12,453.18	\$16,436.35	\$18,908.55	\$20,244.00	\$22,000.83	8,346	\$2.64
630	Fredericksburg	\$28,766.45	\$37,967.46	\$43,678.16	\$46,762.00	\$50,821.24	19,279	\$2.64
640	Galax	\$12,000.00	\$13,464.57	\$15,489.78	\$16,583.00	\$18,022.97	6,837	\$2.64
650	Hampton	\$218,500.61	\$288,388.46	\$331,765.04	\$355,190.00	\$386,021.57	146,437	\$2.64
660	Harrisonburg	\$60,360.46	\$79,666.88	\$91,649.59	\$98,121.00	\$106,637.88	40,453	\$2.64
670	Hopewell	\$33,239.81	\$43,871.63	\$50,470.37	\$54,034.00	\$58,724.25	22,277	\$2.64
678	Lexington	\$12,000.00	\$13,523.66	\$15,557.75	\$16,656.00	\$18,102.05	6,867	\$2.64
680	Lynchburg	\$97,388.75	\$128,538.73	\$147,872.28	\$158,313.00	\$172,055.16	65,269	\$2.64
683	Manassas	\$52,425.40	\$69,193.77	\$79,601.23	\$85,222.00	\$92,619.13	35,135	\$2.64
685	Manassas Park	\$15,353.85	\$20,264.80	\$23,312.84	\$24,959.00	\$27,125.40	10,290	\$2.64
690	Martinsville	\$23,002.42	\$30,359.79	\$34,926.21	\$37,392.00	\$40,638.01	15,416	\$2.64
700	Newport News	\$268,804.23	\$355,859.03	\$409,383.88	\$438,289.00	\$476,334.13	180,697	\$2.64
710	Norfolk	\$349,755.86	\$461,625.95	\$531,059.23	\$568,555.00	\$617,908.14	234,403	\$2.64
720	Norton	\$12,000.00	\$12,000.00	\$12,000.00	\$16,000.00	\$16,000.00	3,904	\$4.10
730	Petersburg	\$50,343.91	\$66,446.50	\$76,440.74	\$81,838.00	\$88,941.78	33,740	\$2.64
735	Poquoson	\$17,257.78	\$22,777.72	\$26,203.72	\$28,054.00	\$30,489.05	11,566	\$2.64
740	Portsmouth	\$150,054.39	\$198,049.57	\$227,838.26	\$243,925.00	\$265,098.71	100,565	\$2.64
750	Radford	\$23,663.43	\$31,232.22	\$35,929.87	\$38,467.00	\$41,805.80	15,859	\$2.64
760	Richmond	\$295,125.11	\$389,521.45	\$448,109.48	\$479,749.00	\$521,392.87	197,790	\$2.64
770	Roanoke	\$141,617.98	\$186,914.76	\$215,028.66	\$230,211.00	\$250,194.24	94,911	\$2.64
775	Salem	\$36,925.33	\$48,735.97	\$56,066.36	\$60,025.00	\$65,235.40	24,747	\$2.64
790	Staunton	\$35,591.38	\$46,975.35	\$54,040.93	\$57,857.00	\$62,878.73	23,853	\$2.64
800	Suffolk	\$95,013.31	\$125,403.50	\$144,265.47	\$154,452.00	\$167,858.50	63,677	\$2.64
810	Virginia Beach	\$634,531.67	\$837,487.86	\$963,454.64	\$1,031,481.00	\$1,121,017.07	425,257	\$2.64
820	Waynesboro	\$29,126.05	\$38,442.08	\$44,224.16	\$47,347.00	\$51,456.54	19,520	\$2.64
830	Williamsburg	\$17,902.38	\$23,628.49	\$27,182.45	\$29,102.00	\$31,627.85	11,998	\$2.64
840	Winchester	\$35,191.49	\$46,447.56	\$53,433.75	\$57,207.00	\$62,172.26	23,585	\$2.64
Grand Total		\$11,340,528.96	\$14,598,191.22	\$16,654,698.83	\$18,089,828.00	\$19,539,031.00	7,079,030	\$10.51

APPENDIX XI - GLOSSARY

Advanced Life Support (ALS)**	Basic life support and the additional use of invasive procedures or drugs.
Advanced Personnel Location Equipment***	Used by rescue teams to locate trapped, lost, or incapacitated firefighters in low-or zero-visibility environments.
Aerial Apparatus**	Fire fighting vehicle equipped with a hydraulically operated ladder or elevating platform for the purpose of placing personnel and/or water streams in elevated positions.
Airport firefighter*	Protects life property, controls fire hazards, and performs general duties related to airport operations and aircraft safety. Also know as aircraft rescue and firefighting - ARFF.
Apparatus**	Vehicle or group of vehicles of any variety used in the fire service
Arson**	Willful and malicious burning of the property of oneself or another.
Basic Life Support (BLS)**	Maintenance of airway, breathing, and circulation, as well as basic bandaging and splinting, without the use of adjunctive equipment.
Brush company*	Extinguishes wildland fires and protects structures in the urban interface.
Chemical/Biological Sampling Equipment***	Allows fire departments to safely and remotely sample suspected hazardous materials and secure them for transport to a laboratory for complete analysis
Class A Fires*	Involve ordinary combustible materials such as wood, cloth, paper, rubber, and many plastics. Water is used to cool or quench the burning material below its ignition temperature. The addition of Class A foams may enhance water's ability to extinguish Class A fires.
Class B Fires*	Involve flammable and combustible liquids and gases such as gasoline, oil, lacquer, paint, mineral spirits, and alcohol. The smothering or blanketing effect of oxygen exclusion is most effective for extinguishment and also helps reduce the production of additional vapors.
Class C Fires*	Involve energized electrical equipment. Household appliances, computers, transformers, and overhead transmission lines are examples of Class C fires. These fires can sometimes be controlled by a non-conducting extinguishing agent such as halon, dry chemical, or carbon dioxide.

Class D Fires*	Involve combustible metals such as aluminum, magnesium, titanium, zirconium, sodium, and potassium, which are particularly hazardous in their powdered form. Proper airborne concentrations of metal dusts can cause powerful explosions, given a suitable ignition source. The extremely high temperature of some burning metals make water and other common extinguishing agents ineffective. No single agent effectively controls fires in all combustible metals.
Command	The function of directing, ordering, and controlling resources by virtue of explicit legal, agency, or delegated authority.
Communications/telecommunications personnel	Take emergency and non-emergency phone calls, process the information, dispatch units, maintain and provide communications link to companies that are in service, and complete incident reports.
Company*	The standard operating unit of a fire department. A group of firefighters assigned to a particular piece of fire apparatus or to a particular station. A company consists of a company officer(s), a driver/operator(s), and one or more firefighters.
Dispatch**	To direct fire companies to respond to an alarm.
Emergency Medical Company*	Provides emergency medical care and support to patients.
Emergency Medical Technician*	Is trained to provide basic life support (BLS) for those whose lives are in danger.
EMS First Responder*	Sustains the patient's life until more competent medical personnel arrive.
Engine Company*	Deploys hose-line for fire attack and exposure protection.
Engine**	Fire department pumper.
Exhaust System**	Ventilation system designed to remove stale air, smoke, vapors, or other airborne contaminants from an area.
Eye Protection*	Protects the wearer's eyes from flying solid particles or liquids.
Federal Fiscal Year (FFY)	The Federal Fiscal Year begins October 1 and ends September 30 of the next calendar year.
Fire and Arson Investigator*	Conducts the investigation of the fire area and makes analytical judgments based on the remains at the fire scene to determine the origin and cause of the fire.
Fire Apparatus Driver/Operator*	Safely drives assigned fire apparatus to and from fire and emergency scenes, operate pumps, aerial devices, or other mechanical equipment as required.
Fire Chief*	Ultimately responsible for all operations

	within the fire department.
Fire Department Officer*	Supervise a fire company in the station and at the fire scene. They may also supervise a group of fire companies in a specified geographical region of the city. They may also be assigned roles in operations, personnel/administration, public information, fire prevention, resources, and planning.
Fire Department Safety Officer*	Oversees a fire department's occupational safety and health program and monitors the operational safety of emergency incidents.
Fire Inspector**	Fire prevention specialist and/or fire or arson investigator
Fire Prevention Officer/Inspector*	Conducts technical and supervisory work in the fire prevention program.
Fire Prevention**	Part of the science of fire protection that deals with preventing the outbreak of fire by eliminating fire hazards through inspection, code enforcement, education, and investigation programs
Fire Protection Engineer/Specialist*	Acts as a consultant to the upper administration of the department in the areas of fire department operations and fire prevention.
First Responder (EMS)**	First person arriving at the scene of an incident or medical emergency who is trained to administer first aid or life support.
Fiscal Year (FY)	The State Fiscal Year begins July 1 and ends June 30 of the next calendar year.
Gloves*	Protect the hands from cuts, wounds, and burn injuries.
Hazardous Materials Company*	Responds to and mitigates hazardous materials incidents.
Hazardous Materials Technician*	Handles hazardous materials and nuclear, biological, and chemical emergencies.
Hearing Protection*	Limits noise-induced damage to the firefighter's ears when loud noise situations cannot be avoided.
Helmet*	Protects the head from impact and puncture injuries as well as from scalding water.
Incident Command System "ICS"	System designed to set a span of control under the direct supervision of the Incident Commander.
Incident Commander*	The person in overall command of an incident. Is ultimately responsible for all incident activities, including the development and implementation of a strategic plan. The incident commander has the authority both to call resources to the incident and to release them from it.
Incident Management System (IMS)*	System designed with interactive components that provide the basis for

	clear communication and effective operations that can be applicable to incidents of all sizes and types. The components of the IMS are: common terminology, modular organization, integrated communications, unified command structure, consolidated action plan, manageable span of control, predesignated-incident facilities, and comprehensive resource management.
Inspection**	Formal examination of an occupancy and its associated uses or processes to determine its compliance with the fire and life safety codes and standards.
Instructor*	Delivers training courses to the other members of the department.
Ladder Company**	Group of firefighters assigned to a fire department aerial apparatus who are primarily responsible for search and rescue, ventilation, salvage and overhaul, forcible entry, and other fireground support functions.
Mobile Data Terminal***	A "wireless" data communication device allowing firefighters, while responding to emergency incidents, to securely obtain detailed or sensitive information from dispatch centers in a text format. Mobile computer terminals (MCTs), the next generation of MDT, allow access to features such as graphical preplans, incident reporting tools, and even the Internet.
National Fire Protection Agency (NFPA)*	An international nonprofit organization focused on reducing the worldwide burden of fire and other hazards on the quality of life by providing and advocating scientifically-based consensus codes and standards, research, training and education. NFPA membership totals more than 75,000 world-wide and more than 80 national trade and professional organizations.
National Incident Management System (NIMS)	An integrated system of local, state and federal representatives working collectively to prepare for and mitigate emergency incidents
Paramedic*	Handles incidents similar to those handled by EMT's, but is able to provide advanced life support (ALS).
Personal Alert Safety System (PASS)*	Provides life-safety protection by emitting a loud shriek if the firefighter should collapse or remain motionless for approximately 30 seconds
Personal Protective Equipment (PPE)*	Refers to the garments firefighters must wear while performing their jobs.
Portable Radio**	Hand-held radio used by personnel to

	communicate with each other when away from the vehicle.
Protective Coat and Trousers*	Protect trunk and limbs against cuts, abrasions, and burn injuries (resulting from radiant heat), and provide limited protection from corrosive liquids.
Protective Hood*	Protects portions of the firefighter's face, ears, and neck not covered by the helmet or coat.
Public Fire and Life Safety Educator*	Informs the public about fire hazards, fire causes, precautions, and actions to take during a fire.
Pump Apparatus**	Fire department apparatus that has the primary responsibility to pump water.
Rescue Squad/Company*	Typically is responsible for removal of victims from areas of danger or entrapment.
Safety Shoes or Boots*	Protect the feet from burn injuries and puncture wounds.
Self-Contained Breathing Apparatus (SCBA)*	Protects the face and lungs from toxic smoke and products of combustion.
Self-Contained Underwater Breathing Apparatus (SCUBA) Diver*	Performs both topside and underwater rescues and recoveries.
Special Rescue Technician*	Handles special rescue situations such as high angle (rope) rescue, trench and structural collapse, confined space entry, extrication operations, and cave or mine rescues.
Standard Operating Procedures (SOPs)*	Procedures that provide a standard set of actions that are the core of every fire fighting incident plan.
Structure**	Constructed object; usually a building standing free and above ground
Tanker**	(1) Mobile water supply fire apparatus that carries at least 1,500 gallons (6000 L) of water and is used to supply water to fire scenes that lack fire hydrants. It is called a Tender in ICS terms. (2) In the ICS, tanker refers to a water-transporting fixed-wing aircraft.
Technical Rescue Technician	Specially trained fire-rescue personnel in the areas of Rope, Confined Space, Trench, and Vehicle Rescue.
Thermal Imaging Camera*** (TIC)	Used by firefighters to "see" through smoke and locate fires, victims, or "hot spots" requiring further extinguishment.
Training Officer/Chief of Training/Drill Master*	Administers all fire department training activities.
Truck (ladder) Company*	Performs forcible entry, search and rescue, ventilation, salvage and overhaul, and provides access to upper levels of a structure.

* Adams, Barbara and Richard Hall, eds. (1999) *Essentials of Fire Fighting Fourth Edition*. Stillwater, OK.

**Brackhage, Cynthia, Michael A. Wieder and Carol M. Smith, eds. (1993) *Fire Service Orientation and Terminology*. Stillwater, OK.

*** Thiel, Adam K. (2004), Hansen, Donald E. (2006) Virginia Department of Fire Programs. Richmond, VA.