



Virginia Fire Service Needs Assessment:

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

Volume V - January 2009

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 was published in 2004 laid the ground work to assist in the legislative decision-making process. This report, Volume V, published in January, 2009 was produced from survey results collected from fire departments in 2008.

The 2008 Needs Assessment continued to focus on the efforts of Virginia's Fire Service to identify specific needs in the areas of apparatus, equipment, facilities, personnel and training and also analyzed the ability of fire departments to adequately perform the duties of the Emergency First Responder.

Survey Team

The 2008 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 2009 Fiscal Period.

- Willie G. Shelton, Jr., C.E.M., Executive Director
- Larry McAndrews, Branch Chief - Operations
- Russell Chandler, Branch Chief - Training and Technical Services
- Brook Pittinger, Director of Administration
- Christine Lopilato, Director of Finance
- Ed Altizer, State Fire Marshal
- David Jolly, Curriculum Development and QA Chief
- Mark Buff, Marketing and Communications Manager
- Amanda Wood, 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.

Finally, we would like to thank all the fire departments in Virginia for their efforts in responding to the 2008 Needs Assessment Survey. The assessment could not be successful without their valuable support and contribution.

Table of Contents

Preface	i
Background	i
Survey Team	i
Acknowledgements	i
 Table of Contents	 iii
Index of Figures	viii
Index of Tables	x
Index of Photos	xii
Index of Maps	xii
 Executive Summary	 1
Top Needs	1
Estimated Costs	1
Apparatus	2
Equipment	2
Facilities	2
Personnel	3
Training	3
Communications	3
 2008 Fire Service Needs Assessment Quick Facts	 4
 Chapter 1 - Introduction	 9
Survey Methodology	9
Sample	9
Survey Design	10
Data Collection	11
Survey Procedures/Mailouts	11
Final Survey Response	12
 Collaborative Effort	 13

Other Data Sources	13
Limitations	13
Survey Response Rate	14
Organization Structure of Virginia's Fire Service	14
VFIRS Response Rate	15
Local Use	16
Average	16
Chapter 2 - Survey Results	19
Survey Section II - General Department Information	19
Type of Area Protected	19
Department Population Protected	19
Department Coverage Area	21
Survey Section III - Department Personnel	23
Firefighters By Status	23
Average Firefighters On Duty	23
Civilian Personnel By Type	24
Fitness Program	26
Personnel Programs	27
Survey Section IV - Facilities & Apparatus	28
Fire Stations Over 40 Years of Age	28
Fire Stations with Backup Power	28
Apparatus Currently Owned	30
Equipment Currently Owned	32
Building Height	35
Survey Section V - Operation Budget Information	37
Budget Funding	37
Apparatus Replacement	40
Equipment Replacement	40
Survey Section VI - Communications	42
Frequency Spectrum	42

Assigned Radios	43
Emergency Alert Button	43
Dispatch Operations	44
GPS Map Coordinate System	44
Internet Access	46
Incident Data	47
 Survey Section VII - Fire Department Roles / Training	 49
Department Roles	49
Firefighter Certification	54
Regional Technical Rescue Response	55
Emergency Medical Services (EMS)	55
 Survey Section VIII - Fire Prevention & Code Enforcement	 57
Programs / Activities	57
Fire Code Inspections	57
Fire Investigation	58
 Survey Section IX - Your Fire Department's Top Needs	 60
Top Needs	60
Estimated Costs	61
Apparatus Needed	62
Equipment Needed	64
Facilities Needed	66
Personnel Needed	67
Training Needed	69
 Supplemental Table 1. Fire Department Personnel Data Reported By Locality	 79
Supplemental Table 2. Number of Apparatus Owned Reported By Locality	83
Supplemental Table 3. Number of Equipment Owned Reported By Locality	87
Supplemental Table 4. #1 Top Need / Total Estimated Costs Summary Reported By Locality	95
Supplemental Table 5. Number of Apparatus Needed Reported By Locality	99
Supplemental Table 6. Number of Equipment Needed Reported By Locality	103
Supplemental Table 7. Number of Personnel Needed Reported By Locality	111

Chapter 3 - Reported Incidents	117
Description	117
Incident Types	117
Fires	120
Supplemental Table 8. VFIRS Participation 2007	125
Supplemental Table 9. Incident Type Summary By Locality, Virginia, 2007	129
Supplemental Table 10. VFIRS Summary Data By Locality, Virginia, 2007	133
Supplemental Table 11. VFIRS Rate Summary By Locality, Virginia, 2007	137
 Chapter 4 - Training	 143
Description of Schools	143
Type of Schools	143
Active Students	145
Personnel Type	146
Student Demographics	147
Education Level	148
Title	148
Certifications	150
Supplemental Table 12. Number of Active Students By Personnel Type By Locality	153
Supplemental Table 13. Number of Certifications By Virginia Region By Certification Type	157
 Chapter 5 - Funding	 163
Introduction	163
Fire Programs Fund	163
Description of Fund	163
Aid to Localities (ATL) Program	163
Federal Funding Programs	167
Assistance to Firefighters Grant (AFG) Program	167
Staffing for Adequate Fire and Emergency Response (SAFER)	168
Fire Prevention and Safety (FP&S) Grants	168

State Homeland Security Grants	169
Other State Funding Programs	169
Rescue Squad Assistance Fund	169
Fire Services Grant Program	169
VFIRS Hardware Technology Grants	170
Virginia Dry Hydrant Grant Program	170
Supplemental Table 14. Aid to Localities (ATL) Program Allocations By Locality, FY 2005-2009	171
Appendix I - Virginia Regions	181
Appendix II - Virginia Localities By Region By House / Senate Districts	191
Appendix III - Survey Questionnaire	195
Appendix IV - Survey Promotion Flyer	229
Appendix V - Survey Participation By Locality	231
Appendix VI - Completed Surveys By Fire Department	235
Appendix VII - Fire Department Participation By Locality	245

Index of Figures

Figure 1. Fire Service Needs Assessment Sample By Fire Department, Virginia, 2008	10
Figure 2. Type of Area Department Has Primary Responsibility to Protect	19
Figure 3. Number of Permanent Residents Department Has Primary Responsibility to Protect	20
Figure 4. Number of Permanent Residents Department Has Primary Responsibility to Protect By Virginia Region	20
Figure 5. Number of Square Miles Department Has Primary Responsibility to Protect	21
Figure 6. Number of Square Miles Department Has Primary Responsibility to Protect By Virginia Region	22
Figure 7. Active Firefighters By Status	24
Figure 8. Civilian Personnel By Type	25
Figure 9. Does Your Department Have a Program to Maintain Basic Firefighter Fitness and Health as Required by NFPA 1500?	26
Figure 10. Does Your Fire Department Currently Have Personnel Programs?	27
Figure 11. Age of Fire Stations	28
Figure 12. Fire Stations with Backup Power	29
Figure 13. Number of Buildings 4 or More Stories in Height	35
Figure 14. Is Your Facility Shared with Any Other Organizations?	36
Figure 15. Fire Department Budget Funding	37
Figure 16. Was Your Current Apparatus Purchased or Donated?	39
Figure 17. Funding Source for Purchased Apparatus	39
Figure 18. Communication By Radio with Other Agencies	42
Figure 19. What Radio Frequency Does Your Department Operate On?	43
Figure 20. Radios with an Emergency Alert Button	44
Figure 21. Primary Responsibility for Dispatch Operations	45
Figure 22. Apparatus Equipped with a GPS Map Coordinate System	45
Figure 23. Departments with Internet Service	47
Figure 24. Are You Using Incident Data for Department Decision Making?	48
Figure 25. Personnel Designated and Responsible for Specific Duties	49
Figure 26. Fire Departments that Perform Specific Fire Service Role	51
Figure 27. Personnel That Have Received Formal Training By Department Role	52
Figure 28. Personnel Received Training in National Incident Management System (NIMS)	53
Figure 29. Does Your Jurisdiction Mandate Firefighter Certification?	54
Figure 30. Percent of Departments that Conduct Specific Programs or Activities	57
Figure 31. Percent of Organizations that Conduct Fire Code Inspections	58
Figure 32. Percent of Investigators Who Determines that a Fire Was Deliberately Set	59
Figure 33. Top Fire Service Needs By Ranking	61
Figure 34. Type of Apparatus Needed with Fire Departments	62

Figure 35. Type of Equipment Needed with Fire Departments	64
Figure 36. Facility Needs with Fire Departments	67
Figure 37. Type of Personnel Needed with Fire Departments	68
Figure 38. Percent of Fire Departments Requesting Specific Training Needs	70
Figure 39. Incident Type Summary, Virginia, 2007	118
Figure 40. Virginia / National Incident Types Comparison, 2007	120
Figure 41. Fire Incidents By Incident Category, Virginia, 2007	121
Figure 42. Type of Fire Service Schools, FY2008	144
Figure 43. Type of Fire Service Schools By Fiscal Year	145
Figure 44. Active Students By Status	147
Figure 45. Active Students By Age	148
Figure 46. Active Students By Education Level	149
Figure 47. Active Students By Title	149
Figure 48. Aid to Localities (ATL) Program Allocations, Virginia, FY 2001-2009	164
Figure 49. Aid to Localities (ATL) Program Allocations By Locality Type, Virginia, FY 2001-2009	167

Index of Tables

Table 1. Top Fire Service Needs Reported By Virginia Region	1
Table 2. Total Estimated Costs Reported By Virginia Region	1
Table 3. Fire Service Needs Assessment Sample Population, 2007	9
Table 4. Fire Administration Units By Reporting Type	15
Table 5. Volunteer Fire Departments By Reporting Type	15
Table 6. Fire Department Personnel Data Reported By Virginia Region	25
Table 7. Total Number of Apparatus Owned By Virginia Region	31
Table 8. Average Number of Apparatus Owned By Virginia Region	31
Table 9. Total Number of Equipment Owned By Virginia Region	32
Table 10. Average Number of Equipment Owned By Virginia Region	33
Table 11. Height of Tallest Building/Depth of Deepest Sublevel Data By Virginia Region	35
Table 12. Average Percent of Fire Department Budget Funding By Virginia Region	38
Table 13. Percent of Fire Departments Reporting Expected Need to Replace Apparatus	40
Table 14. Percent of Fire Departments Reporting Expected Need to Replace Equipment	40
Table 15. Radio Operating Frequency Reported By Virginia Region	43
Table 16. Percent of Fire Service Personnel Reported By Certification Type	55
Table 17. Top Fire Service Needs Reported By Virginia Region	60
Table 18. Total Estimated Costs Reported By Virginia Region	61
Table 19. Number of Apparatus Needed Reported By Virginia Region	65
Table 20. Number of Equipment Needed Reported By Virginia Region	65
Table 21. Number of Personnel Needed Reported By Virginia Region	68
Table 22. Percent of Fire Departments Requesting Specific Training Needs By Virginia Region	71
Table 23. Incident Type Summary, Virginia, 2007	117
Table 24. Incident Type Summary, Virginia, 2006-2007	118
Table 25. Fire Incidents By Incident Category, Virginia, 2007	120
Table 26. Number of VFIRS Reported Incidents By Virginia Region, 2007	123
Table 27. Number of Fire Service Schools By Type, FY 2004-2008	144
Table 28. Number of Active Students	145
Table 29. Number of Active Students By Virginia Region	145
Table 30. Active Students By Race By Sex	147
Table 31. Certifications By Type By Virginia Region	150
Table 32. Aid to Localities (ATL) Program Allocations, Virginia, FY 2001-2009	163
Table 33. Aid to Localities (ATL) Program Allocation Summary, Virginia, FY 2009	164
Table 34. Aid to Localities (ATL) Program Allocations, Virginia Counties, FY 2001-2009	166

Table 35. Aid to Localities (ATL) Program Allocations, Virginia Cities, FY 2001-2009	166
Table 36. Aid to Localities (ATL) Program Allocations, Virginia Towns, FY 2001-2009	166
Table 37. Aid to Localities (ATL) Program Allocations By Locality Type, Virginia, FY 2001-2009	167
Table 38. Assistance to Firefighters Grant (AFG) Program Funding, Virginia, FFY 2001-2008	168
Table 39. Staffing for Adequate Fire and Emergency Response (SAFER) Grant Funding, Virginia, FFY 2005-2008	168
Table 40. Fire Prevention and Safety (FP&S) Grant Funding, Virginia, FFY 2004-2007	169
Table 41. VFIRS Hardware Grants Awarded By Locality, FY 2009	170

Index of Photos

Cover	McGaheysville Vol. Fire Dept. - Rockingham County, Virginia (left)	-
	Dolphin VFD, Brunswick County, Virginia (right top)	
	Zion Crossroads VFD - Louisa County, Virginia (right middle)	
	Churchville Vol. Fire Dept. - Augusta County (right bottom)	
Photo 1.	Gladstone Vol. Fire Dept. - Nelson County, Virginia	23
Photo 2.	Laurel Grove Vol. Fire Dept. - Pittsylvania County	30
Photo 3.	Loudoun County Fire / Rescue & EMS - Loudoun County, Virginia	34
Photo 4.	Falmouth VFD - Stafford County, Virginia	41
Photo 5.	Zion Crossroads VFD - Louisa County, Virginia	46
Photo 6.	Charlottesville Fire Dept. - Charlottesville, Virginia	50
Photo 7.	Chancellor Volunteer Fire and Rescue - Spotsylvania County, Virginia	56
Photo 8.	Lawrenceville Vol. Fire Dept. - Brunswick County, Virginia	63
Photo 9.	Tunstall Vol. Fire & Rescue - Pittsylvania County	66
Photo 10.	Falmouth VFD - Stafford County, Virginia	69
Photo 11.	Seminole Trail VFD - Albemarle County, Virginia	119
Photo 12.	Chesapeake Fire Department - Chesapeake, Virginia	122
Photo 13.	Williamsburg Fire Dept. - Williamsburg, Virginia	146
Photo 14.	Winchester Fire & Rescue - Winchester, Virginia	165

Index of Maps

Map 1.	#1 Top Need - Apparatus - Reported By Fire Department	73
Map 2.	#1 Top Need - Equipment - Reported By Fire Department	74
Map 3.	#1 Top Need - Facilities - Reported By Fire Department	75
Map 4.	#1 Top Need - Personnel - Reported By Fire Department	76
Map 5.	#1 Top Need - Training - Reported By Fire Department	77
Map 6.	Total Estimated Costs Per Capita By Locality	78

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.

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. The overall top needs for Virginia did not vary from last year's survey, displaying that the fire service needs are unchanged and inadequacies with departments continue to exist.

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

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

Estimated Costs

Reporting departments also provided their estimated costs for Fiscal Year 2009 for five specific "need" categories. The results were compiled and the total operating costs with Virginia's fire service is estimated as **\$612 million**. (See Table 2.) The estimated costs reported with last year's survey were \$496 million, suggesting that funding shortfalls are increasing with Virginia's fire service.

Table 2. Total Estimated Costs Reported By Virginia Region *

VA Region	Apparatus	Equipment	Facilities	Personnel	Training	Total
Central	\$30,099,950	\$9,237,462	\$61,499,972	\$87,574,983	\$5,787,482	\$194,199,848
Coastal	\$17,087,479	\$5,437,481	\$43,824,988	\$39,537,489	\$2,924,990	\$108,812,426
Mountain	\$17,687,464	\$4,987,470	\$19,687,483	\$5,124,988	\$3,299,990	\$50,787,393
Northern	\$21,512,476	\$7,649,978	\$64,737,480	\$77,812,486	\$4,149,985	\$175,862,404
Valley	\$12,937,476	\$4,962,480	\$44,362,485	\$17,899,988	\$2,437,490	\$82,599,918
Total	\$99,324,845	\$32,274,869	\$234,112,407	\$227,949,933	\$18,599,936	\$612,261,989

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 transport, one (1) command vehicle, three (3) engines / pumpers, one (1) tanker, and one (1) wildland brush truck. Twenty-three percent (23%) of departments responded that they expect to replace their wildland brush trucks within 5 years. Within 10 years, 23 percent of the departments responded that they expect the need to replace their technical rescue vehicle.

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 Fiscal Year 2009 with apparatus is **\$99 million**. Thirty-five percent (35%) of departments showed that they need an engine / pumper. Twenty-five percent (25%) of respondents expressed the need for a wildland brush truck.

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 three (3) map coordinate GPS devices, four (4) mobile data terminals, 31 personal alert safety systems (PASS), 71 personal protective equipment (PPE), 47 radios, 33 self-contained breathing apparatus (SCBA), and three (3) thermal imaging cameras. Within 5 years, 46 percent expect the need to replace their self-contained breathing apparatus (SCBA), 40 percent expect the need to replace personal protective equipment (PPE), 40 percent expect the need to replace their radios, 39 percent expect to replace their thermal imaging cameras, and 37 percent expect the need to replace their personal alert safety systems (PASS).

The total reported estimated costs for Fiscal Year 2009 with equipment is **\$32 million**. Fifty-two percent (52%) of departments requested a need for personal protective equipment (PPE). Radios were selected as a need with 49 percent of departments and thermal imaging cameras were listed with 47 percent of survey respondents.

Facilities

Twenty-eight percent (28%) of responding departments reported that their fire stations are over 40 years of age. One-third of fire stations have no backup power in the event of an emergency situation. Forty-six percent (46%) of departments replied that they have a need for improvements or remodeling of their existing stations. The total reported estimated costs for Fiscal Year 2009 with facilities is **\$234 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-three percent (63%) of departments do not have a personnel recruitment program and 69 percent have no retention program for their staff. Sixty-seven percent (67%) of fire service personnel are volunteer firefighters and 32 percent are paid career firefighters. Fire departments have on average 16 firefighters on duty and available to respond to a call.

The total reported estimated costs for Fiscal Year 2009 with personnel is **\$228 million**. Seventy-six percent (76%) of departments requested a need for volunteer firefighters and 23 percent 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 (99%) departments perform structural firefighting, 88 percent can handle wildland firefighting, 81 percent can respond to technical rescue vehicle accidents, 77 percent perform hazardous materials response, and 65 percent can handle emergency medical services (EMS) calls. Twenty-one percent (21%) of fire departments have all personnel certified in HAZMAT Awareness. Nineteen percent (19%) have all personnel certified in emergency vehicle operations, and 16 percent of respondents have all staff certified in Firefighter Level I.

The total reported estimated training costs for Fiscal Year 2009 is **\$19 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 67 percent of departments and 63 percent showed a need for emergency vehicle operations training.

Communications

Ninety-six percent (96%) of fire departments responded that they can communicate by radio with local agencies at an incident scene, while 37 percent could communicate with state agencies and 6 percent could communicate with federal agencies. The largest number of departments (53%) are operating on a frequency spectrum of high band (147 – 174 MHz). Forty-two percent (42%) of the respondents reported that their radios do not have an emergency alert button, while 36 percent of departments have all of their radios equipped with a button. Fifty-four percent (54%) of fire department have no GPS map coordinate system to help navigate during emergency response.

2008 Fire Service Needs Assessment Quick Facts

- The overall survey response for the Needs Assessment was **92%**; 3% higher from the 89% response from 2007.
- **83%** of departments reported a need for fire fighter training.
- **79%** of fire departments have no program to maintain basic firefighter fitness and health as required by the NFPA 1500 standard.
- **76%** of fire departments reported that their primary type of area that they protect is rural.
- **76%** of all fire departments responded that they need more volunteer firefighters.
- **67%** of firefighters are volunteer firefighters.
- **63%** of fire departments have no personnel recruitment program; **69%** have no retention program.
- **54%** of fire departments have no GPS map coordinate system to help navigate during emergency response.
- For equipment, personal protective equipment (**52%**) is most needed by fire departments; radios (**49%**) are ranked second.
- **46%** of respondents reported that the need improvements or remodeling of their existing stations.
- **42%** of fire departments have radios with no emergency alert button.
- **35%** of fire departments reported that they need an engine / pumper.
- **33%** of fire departments have stations with no backup power.
- **29%** of fire departments funding comes from fundraising.
- **28%** of fire stations are reported as being 40 years of age or older.
- **Personnel** is the top reported need by fire departments; **Training** is the second highest need.
- Overall, fire departments reported that their total estimated costs for Fiscal Year 2009 would be **\$612 million**.

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

The Central Region includes the Counties of Albemarle, Amelia, Amherst, Appomattox, Bedford, Brunswick, Buckingham, Campbell, Charlotte, Chesterfield, Cumberland, Dinwiddie, Fluvanna, Greene, Greensville, 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 excludes individual fire department's information for localities when a consolidated survey response was also received. Fire administration departments could either report for their career fire service personnel only or for all fire service in their locality including both career and volunteer personnel. Volunteer fire departments could similarly report for all fire service personnel in their locality. When a consolidated survey response for a locality was received, in order to reduce possible duplication, individual fire department responses in the same locality were excluded from quantitative data calculations.

Note: Percentages may not add to totals due to rounding.

Chapter 1

Introduction



Virginia Fire Service Needs Assessment:

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

Volume V - January 2009

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 2008 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.

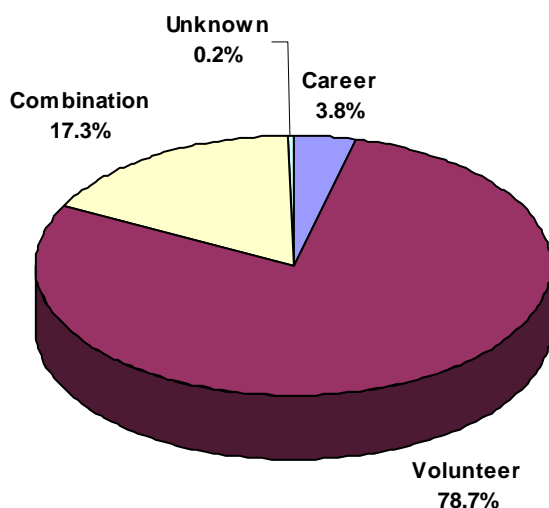
A total of 635 fire departments made up the survey sample of eligible participants. The fire departments were selected from records from the Fire Service Training Record System (FSTRS), maintained by the Virginia Department of Fire Programs. A majority of the fire departments (78.7%) were classified as Volunteer Departments, 17.3 percent were Combination Departments, and 3.8 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	Unknown	Grand Total
Primary Fire Department	17	492	93	0	602
Fire Administration Unit	7	8	17	1	33
Grand Total	24	500	110	1	635

Prior to the startup of data collection for the survey, fire department contact information was updated based on contact information submitted with responses with the 2007 Needs Assessment Survey. 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. Sixty-two (62%) of fire departments listed department email addresses, which contributed to contacting departments electronically with the survey. In addition, fire department status (career, volunteer, combination) was updated with fire departments based on last year's survey response. 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, Virginia, 2008



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 2008 Needs Assessment Survey contained the following sections that contained questions that captured detailed information from fire departments.

Contact Information

Section I - General Department Information

Section II - Department Personnel

Section III - Facilities & Apparatus

Section IV - Operating Budget Information

Section V - Communications

Section VI - Fire Department Roles / Training

Section VII - Fire Prevention & Code Enforcement

Section VIII - Unusually Challenging Incidents

Section IX - Your Fire Department's Top Needs

Final Comments

The actual survey questions used with the 2008 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 with the Phase I collection period on August 11, 2008. Fire departments with known email addresses (391) were sent an email message inviting them to participate in the survey. All fire departments (635) 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 September 8, 2008 to submit their completed responses.

In addition, a promotion was designed and implemented to award department's that submitted responses promptly. The first 200 fire departments that responded to the survey were eligible to receive a custom ***Fire Prevention Week*** brochure for their department. But after receiving the first 200 survey responses, agency resources were still available, so the promotion was extended until September 15, 2008. A total of 74 fire departments submitted the required information and claimed their custom brochure. Please see Appendix IV for the promotion flyer.

Thank you emails/letters were continuously sent out to responding fire departments during the collection process. The message included their survey number (consecutive number assigned as surveys are received) and the date in which the survey was completed. The correspondence provided a confirmation to fire departments that we received their survey response.

On September 9, 2008, the Phase II collection period began and a second letter/email was sent to survey non-respondents. The Phase II collection deadline was October 10, 2008.

The final collection period began on October 14, 2008 with a final deadline for responses on November 7, 2008. On October 15, 2008, a letter was sent to localities (counties, cities) in Virginia that had non-responding fire departments. The letter asked localities to encourage participation with their local fire departments. Each mailing also included a custom participation report for their locality showing the reporting status of each department and also their current overall survey response.

Reminder emails were sent out to non-respondents with email addresses on August 28, 2008, October 1, 2008, and October 31, 2008 prior to each scheduled survey deadline.

In addition, a request for fire department photos to include in this report was sent out on November 5, 2008. The pictures, included throughout this report, help personalize the dedication and resources available within local fire departments in Virginia.

Survey Activity	Start Date	End Date
Phase I Collection Period	8/11/2008	9/8/2008
Phase II Collection Period	9/9/2008	10/10/2008
Final Collection Period	10/14/2008	11/7/2008

Final Survey Response

The final overall survey response after the collection closeout on November 7, 2008 was 92 percent. Response was 3 percent higher from the final survey response of 89 percent from 2007. Detailed survey participation reports are located in Appendix V, Appendix VI, and Appendix VII.

Year	Survey Response
2007	89%
2008	92%

A final email/letter was sent out on November 12, 2008 thanking each fire department for their efforts and noted the final overall survey response.

Collaborative Effort

Survey response for the 2008 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 VDFP's 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.

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

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), Staffing for Adequate Fire and Emergency Response (SAFER), Fire Prevention and Safety (FP&S) grants was used to identify additional funding sources to fire departments.

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 92 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

Fire administration departments were able to select how they reported on the Needs Assessment. Fire administration units could either report for career personnel only or for both career and volunteer personnel. A 'career only' survey reflects only career fire service employees in the locality. If a department selects 'both career and volunteer', then they are reporting for all fire service in the locality. If departments are reporting for both career and volunteer personnel, then they additionally specify how many departments / stations that they reported for and also list out the names and locations of the individual departments / stations.

Because of the organization structure of Virginia's fire service, duplication of data among responding fire administration units and their local volunteer fire departments is possible during survey collection. This duplication may misrepresent the final statistical data. 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 quantitative 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 Table 4. on how local governments with fire administration personnel reported.

Local volunteer departments that reported for all volunteer departments in their county were also identified and are shown in Table 5. Survey responses from additional fire departments in these localities were treated similarly as fire administration units in compiling the data.

Table 4. Fire Administration Units By Reporting Type

FDID	Fire Department	Reporting Type
00100	Accomack Co. Dept. of Public Safety	Both Career and Volunteer
00300	Albemarle Co. Fire Admin.	Both Career and Volunteer / Partial County Reporting
00900	Amherst Co. Dept. of Public Safety	Career Only
01500	Augusta Co. Fire & Rescue Administration	Both Career and Volunteer
01900	Bedford Co. Dept. of Fire & Rescue	Both Career and Volunteer
02300	Botetourt Co. Emergency Services	Both Career and Volunteer
03199	Campbell Co. Dept. of Public Safety	Career Only
03300	Caroline Co. Fire & Rescue	Career Only
04300	Clarke Co. Emergency Services	Career Only
05300	Dinwiddie Co. Public Safety	Both Career and Volunteer
06100	Fauquier Co. Office of Emerg. Svcs.	Career Only
06500	Fluvanna Co. VFD	All Volunteer Departments / Partial County Reporting
06700	Franklin Co. Emergency Services	Both Career and Volunteer
06900	Frederick Co. Fire & Rescue Dept.	Both Career and Volunteer
08500	Hanover Co. Fire Admin.	Both Career and Volunteer
08900	Henry Co. Dept. of Public Safety	Career Only
09390	Isle of Wright Co., Dept. of Emerg. Svcs.	Career Only
10100	King William Co. Emergency Services	Career Only
10700	Loudoun Co. Fire / Rescue & EMS	Career Only
10900	Louisa Co. Office of Emerg. Svcs.	Career Only
12700	New Kent Fire - Rescue	Both Career and Volunteer
13700	Orange Co. Fire and EMS	Career Only
13900	Page Co. Fire & EMS	Career Only
14100	Patrick Co. Dept. of Emerg. Mgmt.	Both Career and Volunteer
14500	Powhatan Co. Fire Admin.	All Volunteer Departments
14900	Prince George Fire, EMS, and Emerg. Mgmt.	Both Career and Volunteer
15301	Prince Wm. Co. Dept. of Fire / Rescue	Career Only
15500	Pulaski Co. Emergency Services	Career Only
16100	Roanoke County Fire & Rescue	Both Career and Volunteer / Partial County Reporting
16500	Rockingham Co. Dept. of Fire & Rescue	Career Only
17100	Shenandoah Co. Dept. of Fire & Rescue	Both Career and Volunteer
17700	Spotsylvania Co. Fire Admin.	Both Career and Volunteer
17900	Stafford Co. Dept. of Fire / Rescue & Emerg. Svcs.	Both Career and Volunteer
18700	Warren Co. Fire & Rescue Services	Career Only
59500	Emporia Fire Admin.	Both Career and Volunteer
80000	Suffolk Fire & Rescue Dept.	Career Only

Table 5. Volunteer Fire Departments By Reporting Type

FDID	Fire Department	Reporting Type
00701	Amelia Co. VFD	All Volunteer Departments
06301	Floyd Co. Vol. Fire Dept. # 1	All Volunteer Departments

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, and 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



Virginia Fire Service Needs Assessment:

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

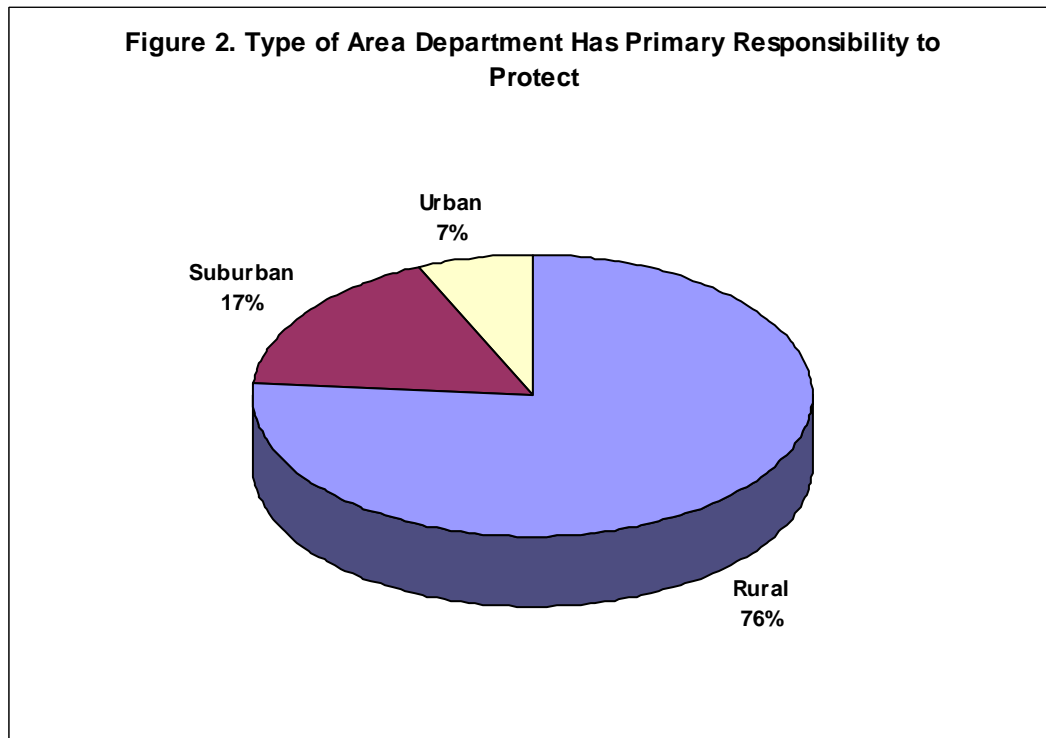
Volume V - January 2009

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 (76%) in the Commonwealth. The remaining fire departments protected areas that are located in more populated areas and are classified as suburban (17%) and urban (7%). (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 (135) of fire departments protect between 2,500 and 4,999 residents. Seventy percent (70%) of fire departments protect between 0 - 9,999 residents, the normal population range representative of small towns and county areas. (See Figure 3.)

Figure 3. Number of Permanent Residents Department Has Primary Responsibility to Protect

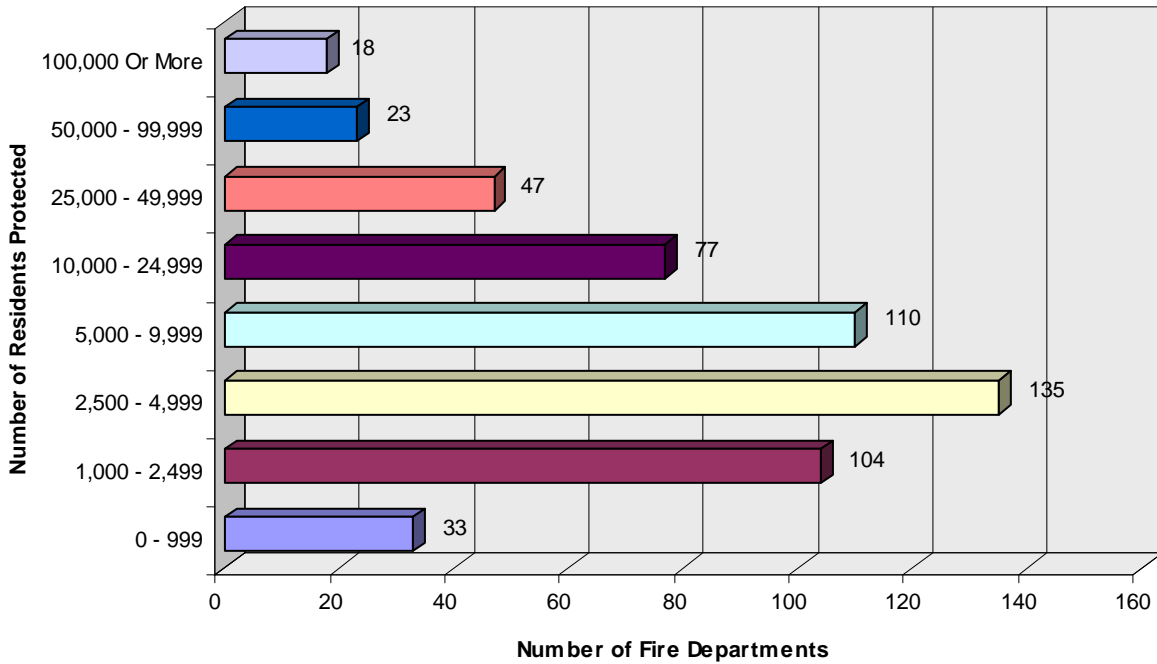
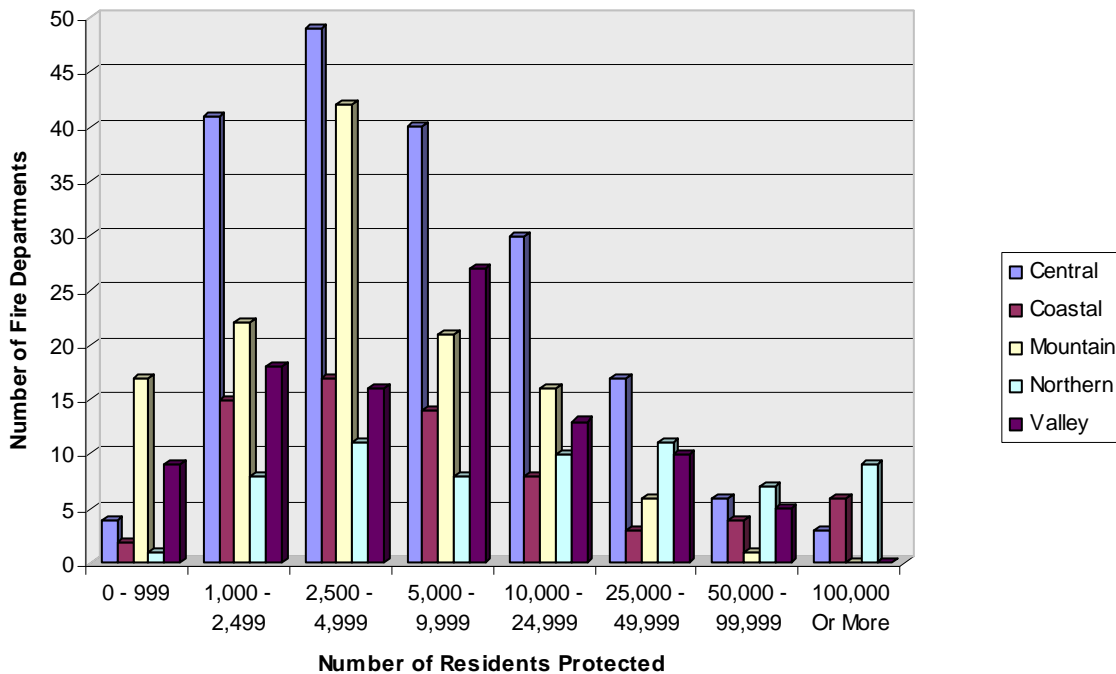


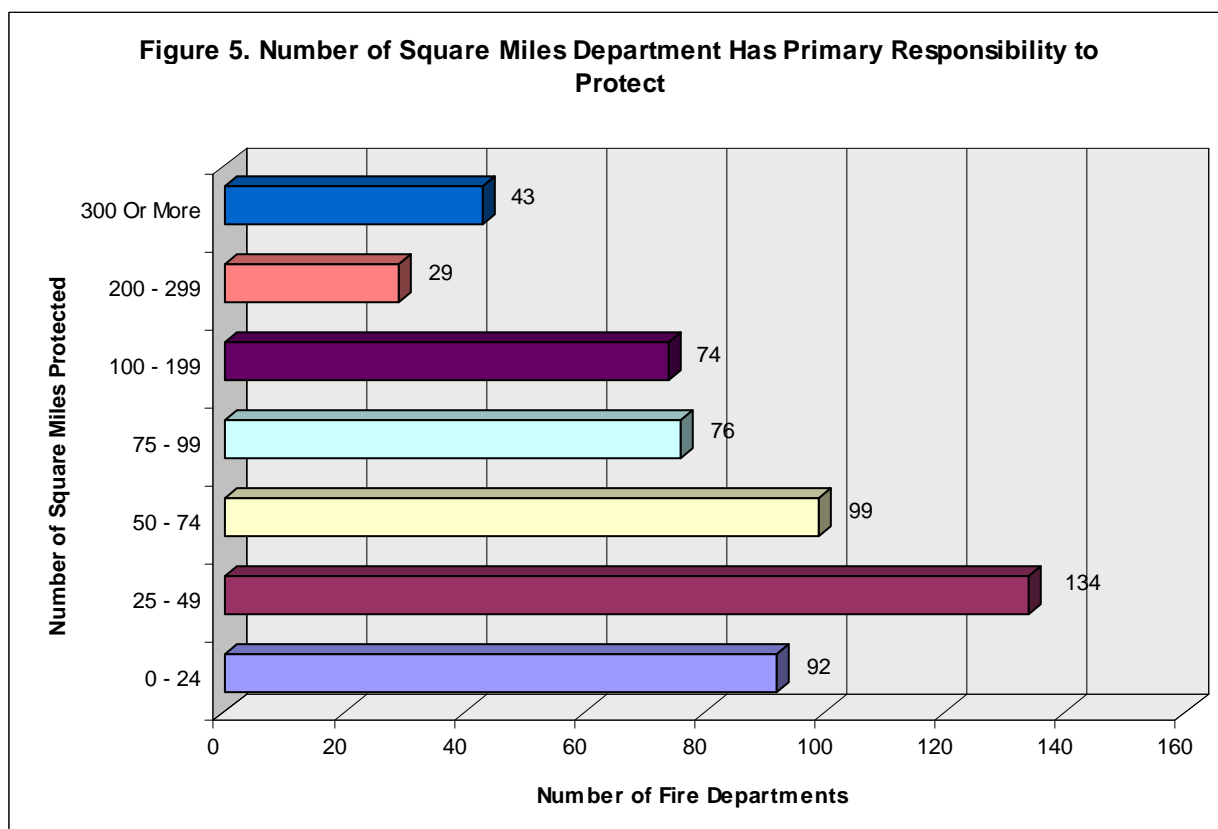
Figure 4. Number of Permanent Residents Department Has Primary Responsibility to Protect By Virginia Region



The Central Region of Virginia accounted for the largest number of fire departments (49) in Virginia that protected between 2,500 and 4,999 residents. (See Figure 4.) The Valley Region reported almost one-third (28%) of their departments protect populations between 5,000 and 9,999 residents.

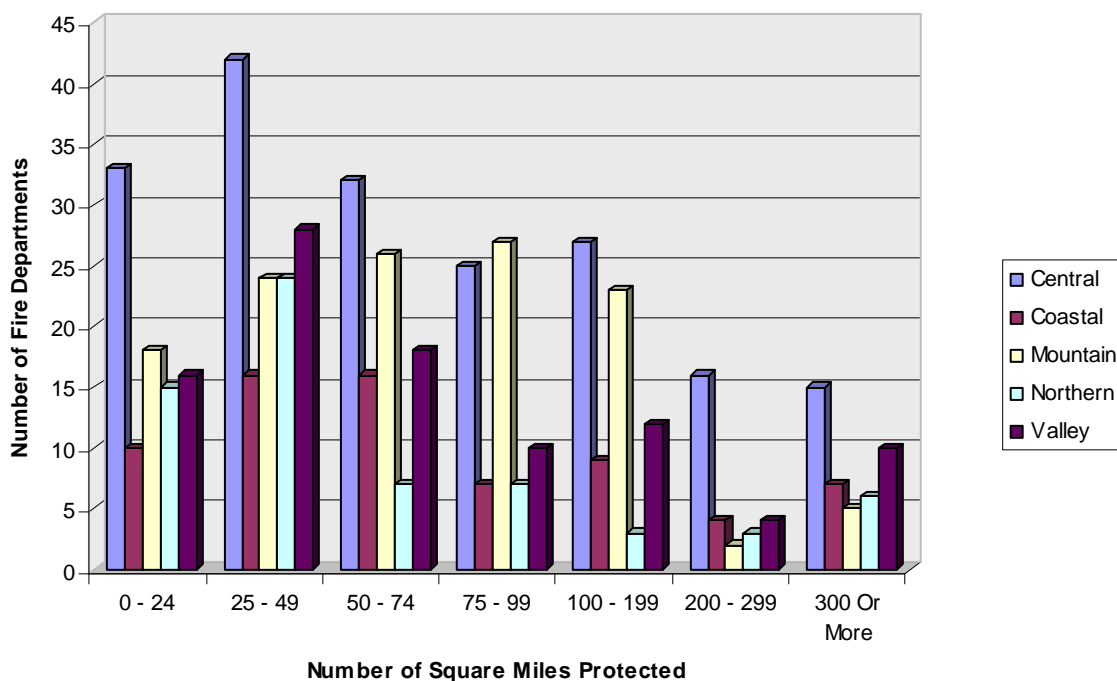
Department Coverage Area

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 5.)



In the Central Region, the largest amount of departments have 25 - 49 square miles to protect. Twenty-seven of the departments in the Mountain Region cover between 75 - 99 square miles. (See Figure 6.)

Figure 6. Number of Square Miles Department Has Primary Responsibility to Protect By Virginia Region



Survey Section III - Department Personnel

Fire departments require sufficient staffing in order to respond at anytime to different types of emergency situations.

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-seven percent (67%) of all active firefighters were reported as being classified as volunteer firefighters. Career firefighters accounted for 32 percent of the active personnel, while paid-per-call firefighters made up the remaining 1 percent. (See Figure 7.)

Average Firefighters on Duty

The overall average number of firefighters on duty and available to respond to a call is 16. (See Table 6.) For volunteer fire departments, the average number on duty is 12, while for combination fire and career fire departments, the average amount on duty is 24 and 45, respectively.



Photo 1. Gladstone Vol. Fire Dept. - Nelson County, Virginia

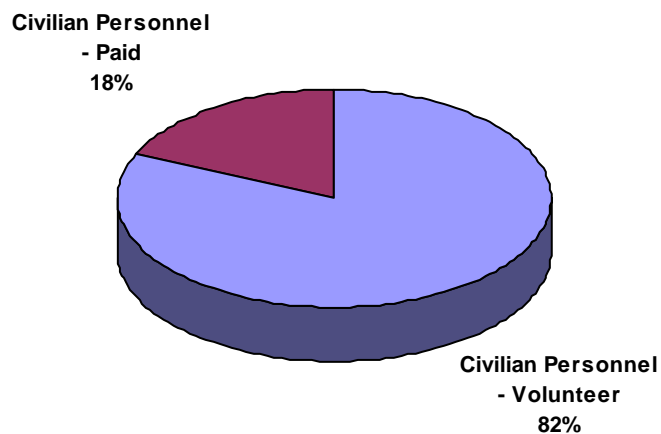
"Having Adequate Fire Service Personnel is Important for Fire Department Response."

Figure 7. Active Firefighters By Status



Civilian Personnel By Type

Volunteer civilian personnel accounted for 82 percent of the non-fire service workers, while 18 percent were paid civilian employees. (See Figure 8.) 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.

Figure 8. Civilian Personnel By Type**Table 6. Fire Department Personnel Data Reported By Virginia Region ***

Region	Career Firefighters	Volunteer Firefighters	Paid-per-call Firefighters	Total Active Firefighters	Average Firefighters on Duty Available	Civilian Personnel - Paid	Civilian Personnel - Volunteer	Total Civilian Personnel
Central	2,395	6,274	100	8,769	14.8	159	907	1,060
Coastal	2,769	2,735	12	5,516	22.3	189	398	587
Mountain	127	2,828	151	3,106	12.6	10	675	685
Northern	3,513	2,988	0	6,501	22.5	587	994	1,581
Valley	978	2,663	60	3,701	11.5	55	443	498
Grand Total	9,782	17,488	323	27,593	15.8	1,000	3,417	4,411

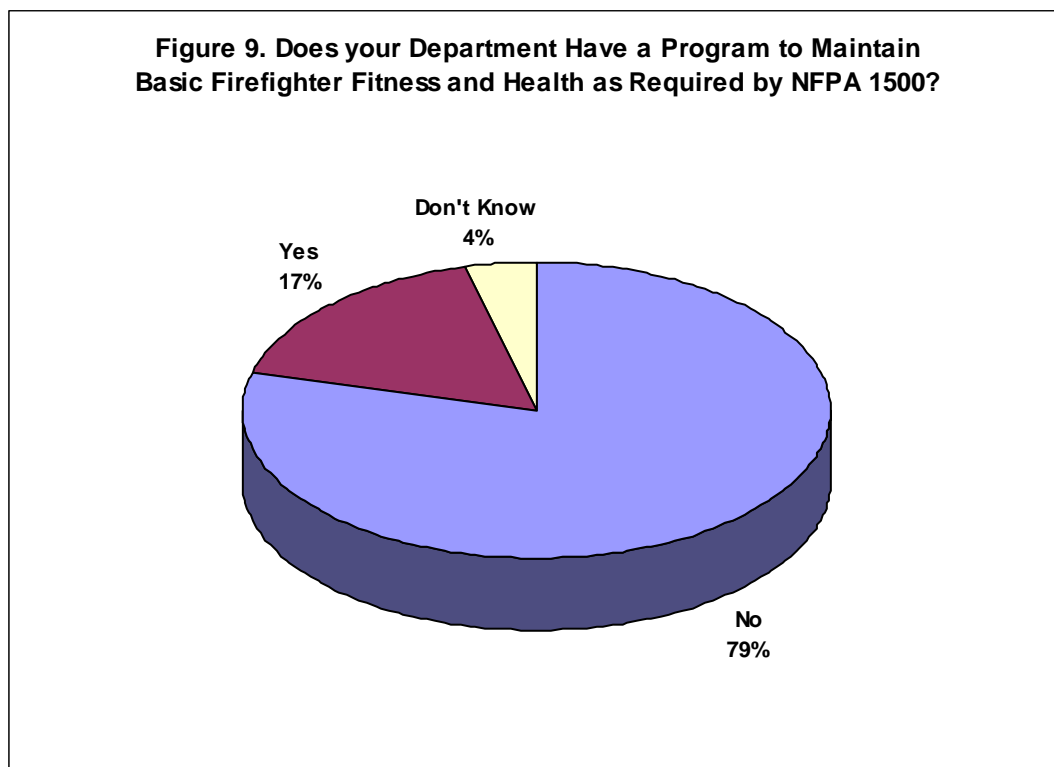
* Data excludes individual fire department's information for localities when a consolidated survey response was also received.

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

Fitness Program

Firefighters need to be prepared for severe environmental conditions involving extreme physical and mental stress. Participation in a fitness and health program will help ensure fire service personnel are ready for any incident.

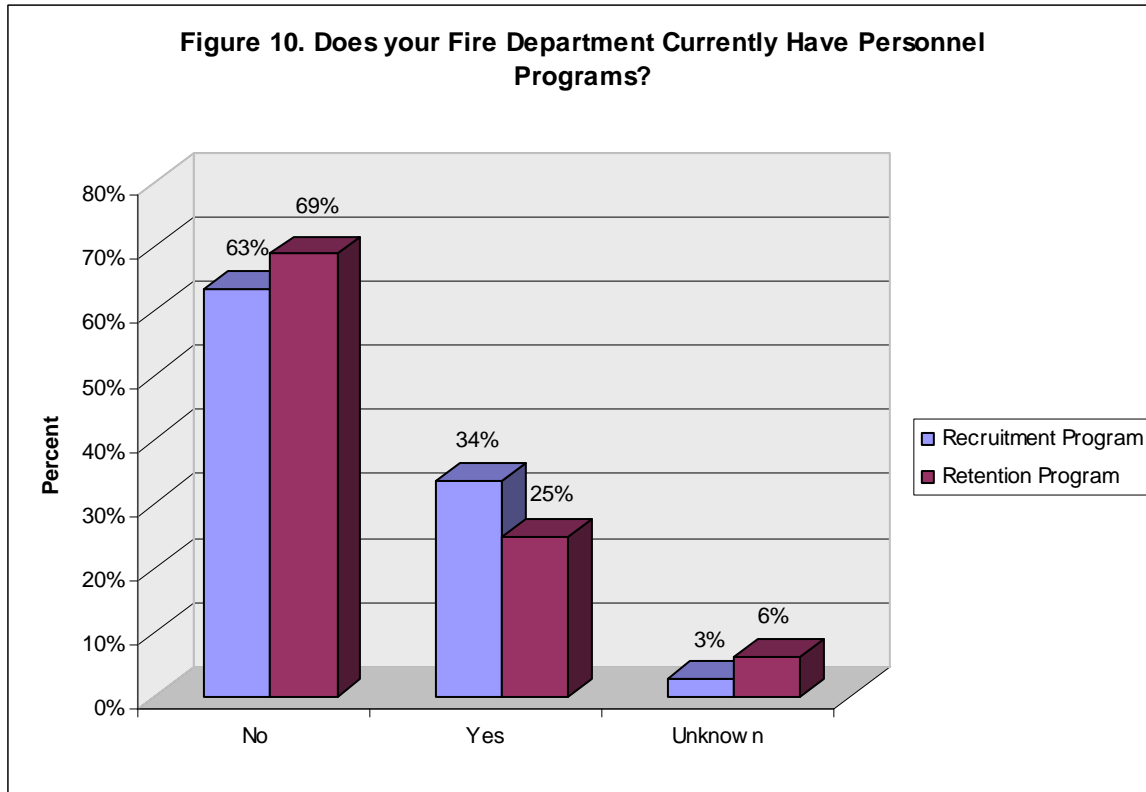
The data indicates that only 17 percent of reporting Virginia fire departments are maintaining a basic firefighter fitness and health program as required by NFPA 1500. (See Figure 9.) Virginia's figures are similar to national estimates, which indicate that only 24 percent of all fire departments nationwide have fitness and health programs.¹



¹ USFA/NFPA (2006). *Four Years Later - A Second Needs Assessment of the U.S. Fire Service*, p.49.

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-four percent (34%) of fire departments that responded on the survey currently have a recruitment program and 25 percent of departments have retention programs, suggesting a need for more implementation of personnel programs. (See Figure 10.)

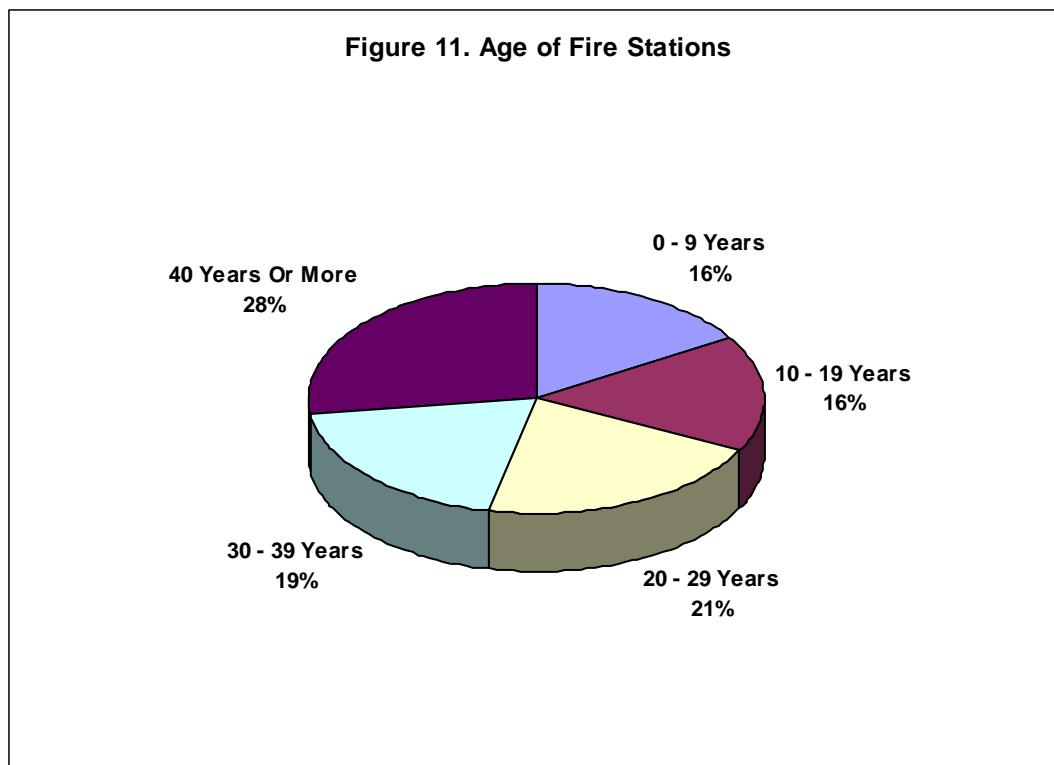


Survey Section IV - Facilities & Apparatus

Fire department facilities need to be constructed so that all apparatus, equipment and personnel are properly housed and organized, so that fire service can efficiently respond as soon as possible to an event.

Fire Stations Over 40 Years of Age

Twenty-eight percent (28%) of respondents reported that their fire stations are over 40 years of age. (See Figure 11.)



Fire Stations with Backup Power

All fire stations, regardless of age and staffing, must remain fully operational during emergency conditions, as demonstrated during extreme weather conditions. Having backup electrical power is very important in maintaining full fire protection for a community during an emergency. Fifty-five percent (55%) of fire departments documented that all fire stations have backup power during an emergency. However, one-third of the respondents stated that they have no backup power available. (See Figure 12.)

Figure 12. Fire Stations with Backup Power

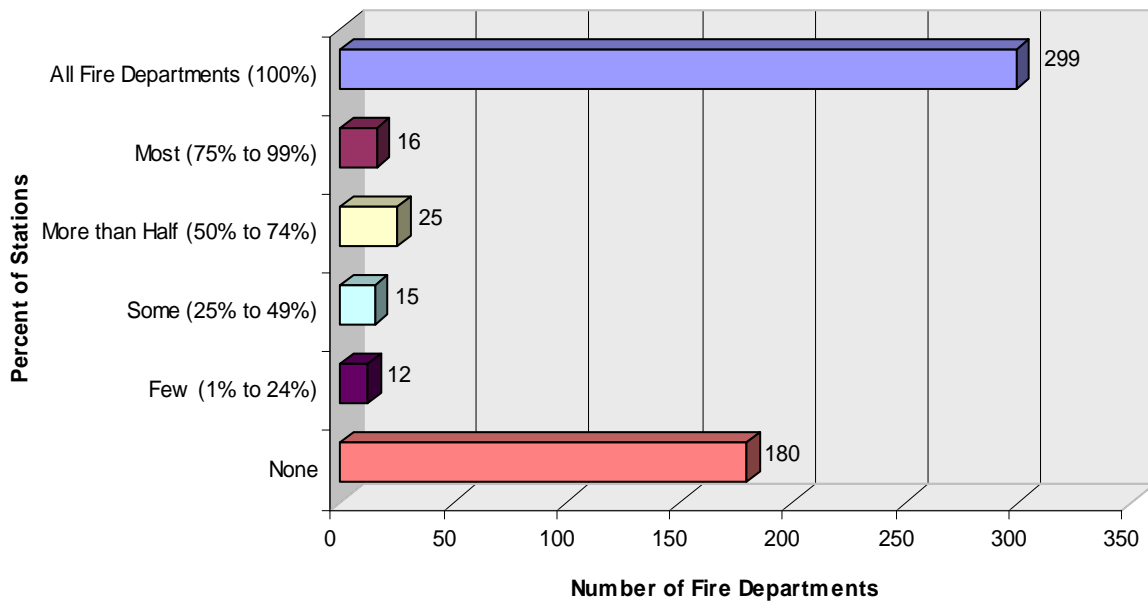




Photo 2. Laurel Grove Vol. Fire Dept. - Pittsylvania County, Virginia

“Different Types of Apparatus are Needed to Effectively Respond to All Types of Situations.”

Apparatus Currently Owned

Engines / pumpers are the primary apparatus used by fire departments to respond to a situation. But, many different types of specialized incidents require different types of fire service apparatus. Aerial apparatus are used for high elevation emergency situations, technical rescue vehicles are used for extreme rescue conditions and wildland brush trucks provide support for outside vegetation fires. Each piece of apparatus provides the unique resources needed for all different types of response.

Based on the information reported with the survey for 2008, fire departments in Virginia have on average two (2) ambulances / other patient transport, one (1) command vehicle, three (3) engines / pumpers, one (1) tanker, and one (1) wildland brush truck. (See Table 8.)

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	46	2	162	121	460	38	34	189	62	216	216
Coastal	44	1	133	69	258	21	43	65	39	78	182
Mountain	19	1	56	76	274	11	32	133	36	119	87
Northern	57	1	216	143	257	4	34	59	42	87	142
Valley	31	2	121	78	252	8	18	70	27	106	117
Grand Total	197	7	688	487	1,501	82	161	516	206	606	744

* Data excludes individual fire department's information for localities when a consolidated survey response was also received.

Table 8. Average 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	0.31	0.01	1.08	0.81	3.07	0.25	0.23	1.26	0.41	1.44	1.44
Coastal	0.79	0.02	2.38	1.23	4.61	0.38	0.77	1.16	0.70	1.39	3.25
Mountain	0.18	0.01	0.52	0.71	2.56	0.10	0.30	1.24	0.34	1.11	0.81
Northern	0.97	0.02	3.66	2.42	4.36	0.07	0.58	1.00	0.71	1.47	2.41
Valley	0.49	0.03	1.92	1.24	4.00	0.13	0.29	1.11	0.43	1.68	1.86
Grand Total	0.45	0.02	1.58	1.12	3.45	0.19	0.37	1.19	0.47	1.39	1.71

* Data excludes individual fire department's information for localities when a consolidated survey response was also received.

Equipment Currently Owned

Fire service equipment helps protect firefighters during a situation and also aids the management of their duties. Having adequate equipment in good condition and ready helps departments respond to emergency responses.

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)
Central	51	386	404	4,176	8,984	5,632	4,271
Coastal	57	232	350	2,064	5,051	3,366	2,228
Mountain	41	112	15	1,745	2,850	2,411	1,748
Northern	52	443	1,136	3,970	10,416	6,693	4,151
Valley	33	128	28	1,651	3,695	2,359	1,787
Grand Total	234	1,301	1,933	13,606	30,996	20,461	14,185

* Data excludes individual fire department's information for localities when a consolidated survey response was also received.

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

Region	Technical Rescue Equipment - Confined Space	Technical Rescue Equipment - Rope	Technical Rescue Equipment - Structural Collapse	Technical Rescue Equipment - Trench	Technical Rescue Equipment - Vehicle	Technical Rescue Equipment - Water	Thermal Imaging Cameras	Other Equipment
Central	27	136	14	14	211	61	326	5
Coastal	13	70	24	7	93	29	204	1
Mountain	37	86	4	9	105	57	118	22
Northern	118	266	114	165	229	633	280	0
Valley	23	115	8	8	83	42	141	14
Grand Total	218	673	164	203	721	822	1,069	42

* Data excludes individual fire department's information for localities when a consolidated survey response was also received.

On average, fire departments responded for 2008 that they maintain and own one (1) chemical / biological sample analysis unit, three (3) map coordinate GPS devices, four (4) mobile data terminals, 31 personal alert safety systems (PASS), 71 personal protective equipment (PPE), 47 radios, 33 self-contained breathing apparatus (SCBA), one (1) set of technical rescue equipment – confined space, two (2) sets of technical rescue equipment - rope, two (2) sets of technical rescue equipment - vehicle, two (2) sets of technical rescue equipment - water, and three (3) thermal imaging cameras. (See Table 10.)

Table 10. Average 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)
Central	0.34	2.57	2.69	27.84	59.89	37.55	28.47
Coastal	1.02	4.14	6.25	36.86	90.20	60.11	39.79
Mountain	0.38	1.05	0.14	16.31	26.64	22.53	16.34
Northern	0.88	7.51	19.25	67.29	176.54	113.44	70.36
Valley	0.52	2.03	0.44	26.21	58.65	37.44	28.37
Grand Total	0.54	2.99	4.44	31.28	71.26	47.04	32.61

* Data excludes individual fire department's information for localities when a consolidated survey response was also received.

Table 10. Average Number of Equipment Owned By Virginia Region * (cont.)

Region	Technical Rescue Equipment - Confined Space	Technical Rescue Equipment - Rope	Technical Rescue Equipment - Structural Collapse	Technical Rescue Equipment - Trench	Technical Rescue Equipment - Vehicle	Technical Rescue Equipment - Water	Thermal Imaging Cameras	Other Equipment
Central	0.18	0.91	0.09	0.09	1.41	0.41	2.17	0.03
Coastal	0.23	1.25	0.43	0.13	1.66	0.52	3.64	0.02
Mountain	0.35	0.80	0.04	0.08	0.98	0.53	1.10	0.21
Northern	2.00	4.51	1.93	2.80	3.88	10.73	4.75	0.00
Valley	0.37	1.83	0.13	0.13	1.32	0.67	2.24	0.22
Grand Total	0.50	1.55	0.38	0.47	1.66	1.89	2.46	0.10

* Data excludes individual fire department's information for localities when a consolidated survey response was also received.

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.

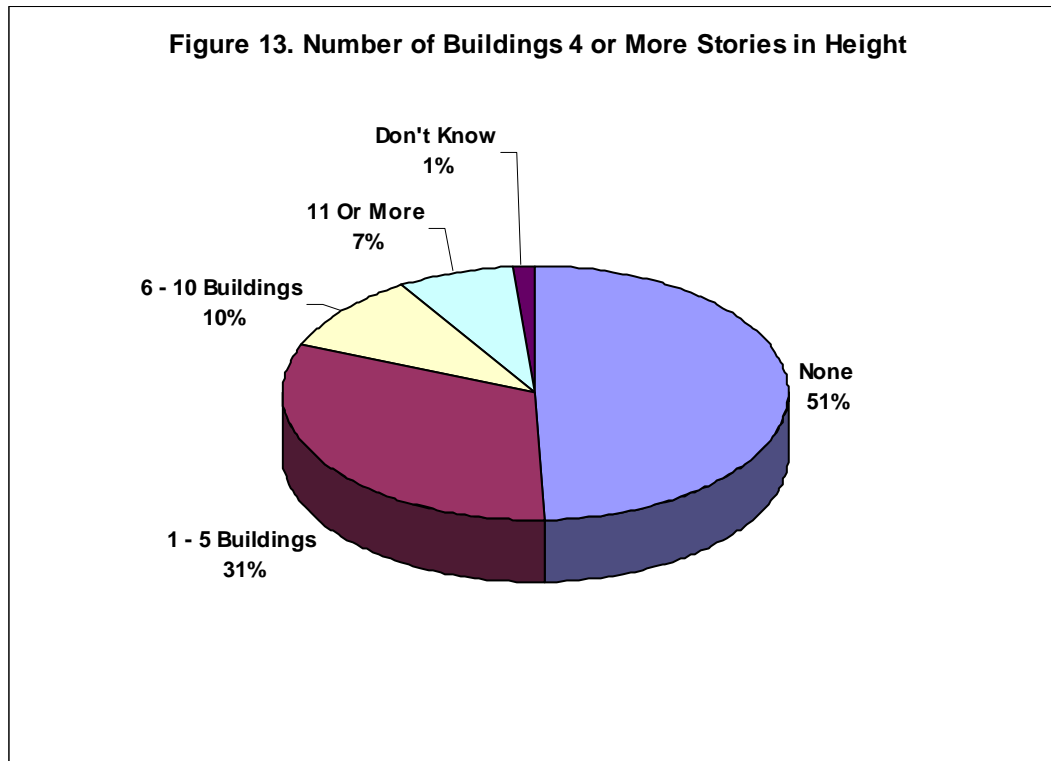


Photo 3. Loudoun County Fire / Rescue & EMS - Loudoun County, Virginia

"Fire Service Personnel Use Many Types of Equipment for Specific Tasks."

Building Height

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. Almost one-third of fire departments have local buildings between one and five stories in height. (See Figure 13.)

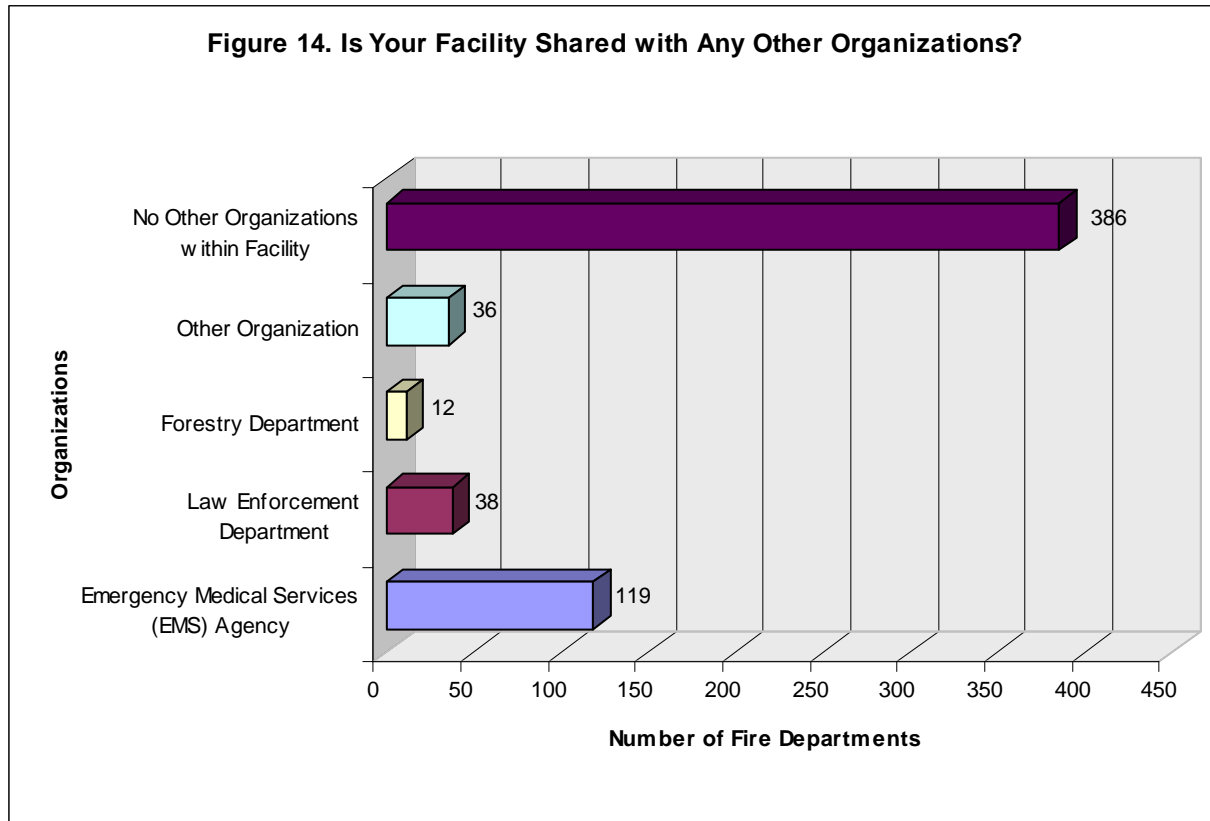


The height of the tallest building reported in Virginia was 37 stories, while the deepest sublevel basement had 15 floors. The average height of the tallest building was reported as 5 stories. (See Table 11.)

Table 11. Height of Tallest Building/Depth of Deepest Sublevel Data By Virginia Region

Region	Maximum Height of Tallest Building (Stories Above Grade)	Maximum Deepest Sublevel (Stories Below Grade)	Average Height of Tallest Building (Stories Above Grade)	Average Deepest Sublevel (Stories Below Grade)
Central	34	6	4.5	1.3
Coastal	37	3	5.4	1.1
Mountain	32	7	4.1	1.2
Northern	33	15	5.6	1.7
Valley	22	4	4.5	1.2
Grand Total	37	15	4.6	1.3

Twenty-two percent (22%) of fire departments share their facility with an emergency medical services (EMS) agency. Seventy-one percent (71%) of departments have no other organizations within their facility. (See Figure 14.)



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 (82%) 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 53 percent of department's budgets. Fundraising generated on average 29 percent of the income for fire departments. (See Figure 15.)

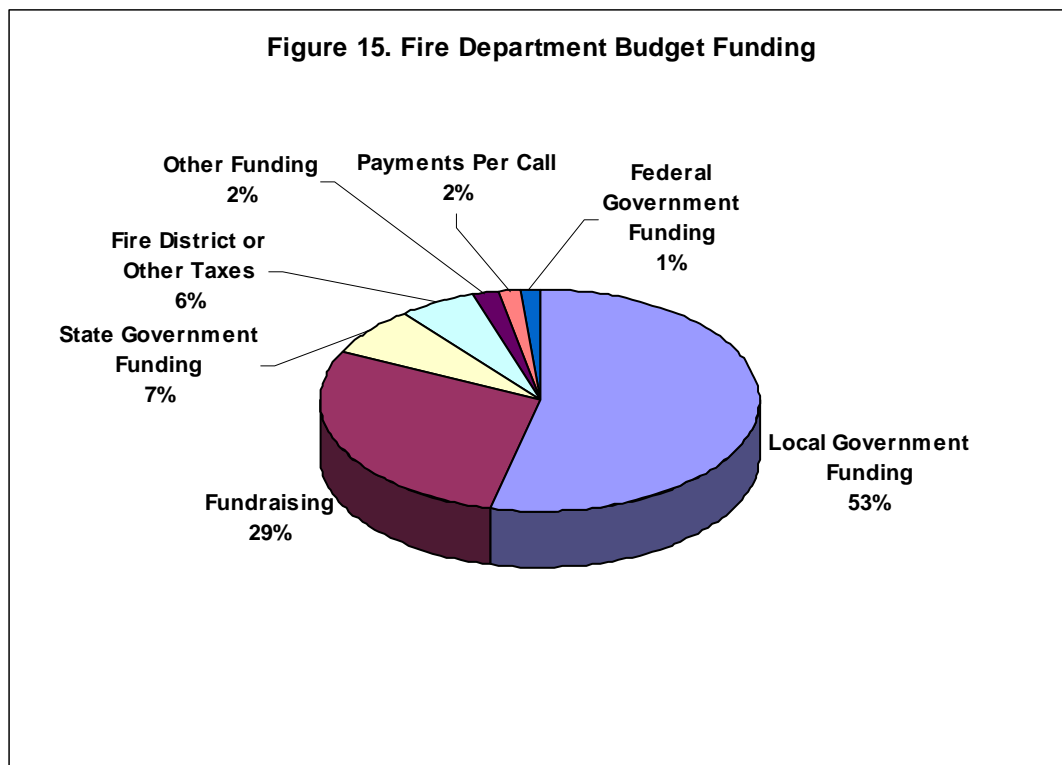


Table 12. Average Percent of Fire Department Budget Funding By Virginia Region

Region	Fire District or Other Taxes	Payments Per Call	Local Government Funding	State Government Funding	Federal Government Funding	Fundraising	Other Funding
Central	2.0	0.6	53.6	9.1	1.7	30.4	2.7
Coastal	14.4	3.4	48.6	3.4	1.2	26.9	2.1
Mountain	3.8	2.2	58.0	11.0	1.6	21.5	2.0
Northern	16.7	0.8	54.2	3.5	1.1	23.2	0.5
Valley	1.4	1.8	50.5	3.7	0.9	40.1	1.6
Grand Total	5.6	1.5	53.5	7.2	1.4	28.8	2.0

Three-fourths of departments purchased their current apparatus in new condition, while 17 percent of departments purchased used apparatus. (See Figure 16.) Seventy-three percent (73%) of fire departments used local government funding to purchase apparatus. (See Figure 17.)

Figure 16. Was Your Current Apparatus Purchased or Donated?

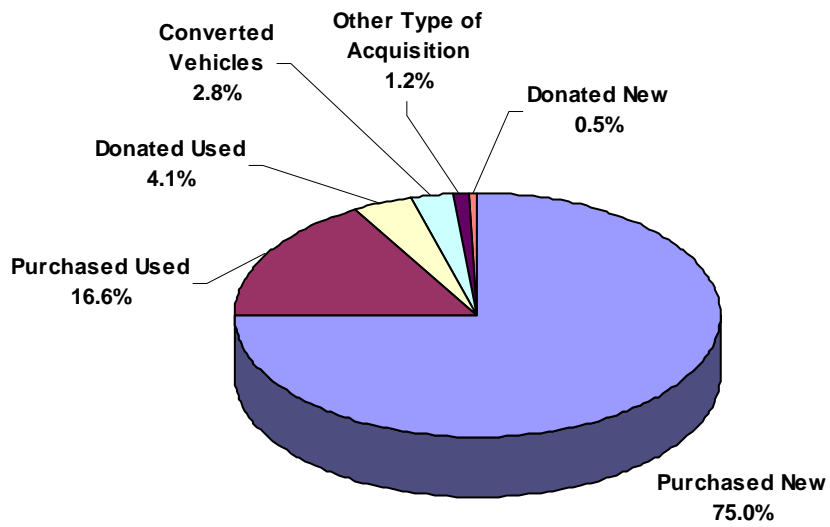
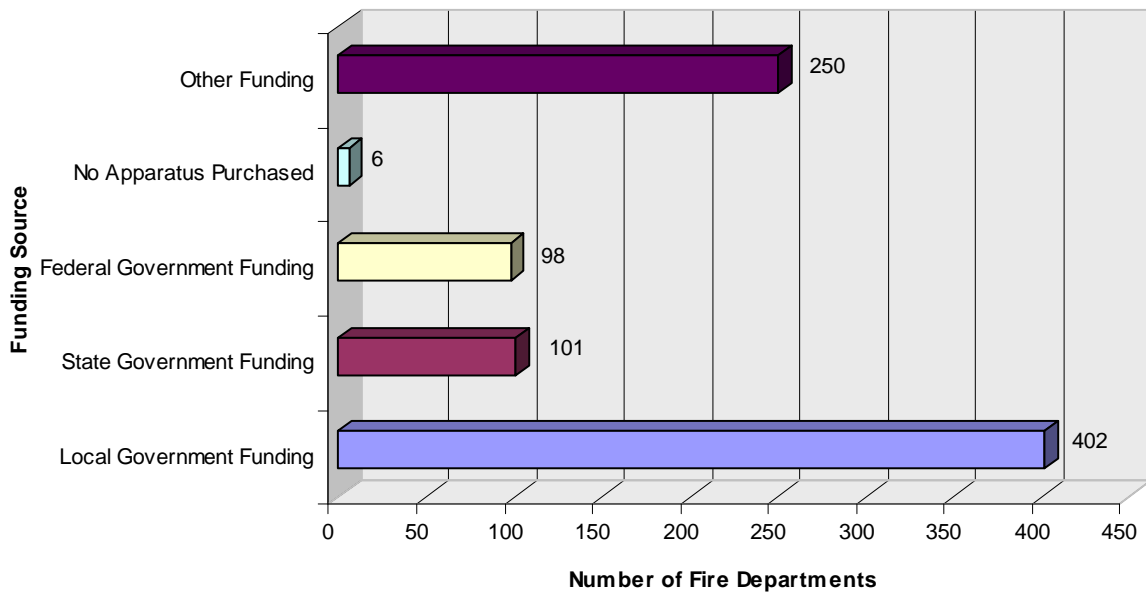


Figure 17. Funding Source for Purchased Apparatus



Apparatus Replacement

Twenty-three percent (23%) of fire departments expect the need to replace a wildland brush truck within the next five years. Departments that anticipate the replacement of a technical rescue vehicle within the next ten years also accounted for 23 percent. (See Table 13.)

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

Apparatus	Within 1 Year	Within 5 Years	Within 10 Years
Aerial Apparatus	3.7%	9.0%	10.6%
Aircraft Rescue and Fire Fighting (ARFF) Vehicle	9.0%	10.6%	0.2%
Ambulance / Other Patient Transport	10.6%	0.2%	0.7%
Command Vehicle	0.2%	0.7%	1.5%
Engine / Pumper	0.7%	1.5%	11.9%
Quint Combination Vehicle	1.5%	11.9%	14.6%
Rescue / Fire Boat	11.9%	14.6%	4.8%
Tanker	14.6%	4.8%	9.1%
Technical Rescue Vehicle	4.8%	9.1%	23.4%
Wildland Brush Truck	9.1%	23.4%	7.9%

Equipment Replacement

The highest concentration of departments that displayed the need to replace equipment within the next five years is found in self-contained breathing apparatus (46%), personal protective equipment (40%), radios (40%), thermal imaging cameras (39%), and personal alert safety systems (37%). (See Table 14.)

Table 14. Percent of Fire Departments Reporting Expected Need to Replace Equipment

Equipment	Within 6 Months	Within 1 Year	Within 5 Years
Chemical / Biological Sample Analysis Equipment	2.7%	4.0%	11.3%
Map Coordinate System - GPS	6.4%	10.4%	22.1%
Mobile Data Terminals	2.7%	5.3%	12.2%
Personal Alert Safety Systems (PASS)	3.3%	11.9%	36.6%
Personal Protective Equipment (PPE)	10.2%	26.3%	40.4%
Radios	11.0%	21.0%	40.4%
Self-Contained Breathing Apparatus (SCBA)	5.3%	13.7%	45.5%
Technical Rescue Equipment - Confined Space	0.7%	3.3%	8.4%
Technical Rescue Equipment - Rope	2.9%	9.9%	12.4%
Technical Rescue Equipment - Structural Collapse	0.7%	1.8%	7.5%
Technical Rescue Equipment - Trench	0.5%	2.0%	7.7%
Technical Rescue Equipment - Vehicle	3.1%	7.5%	19.6%
Technical Rescue Equipment - Water	1.3%	4.4%	10.2%
Thermal Imaging Cameras	6.2%	16.6%	38.8%



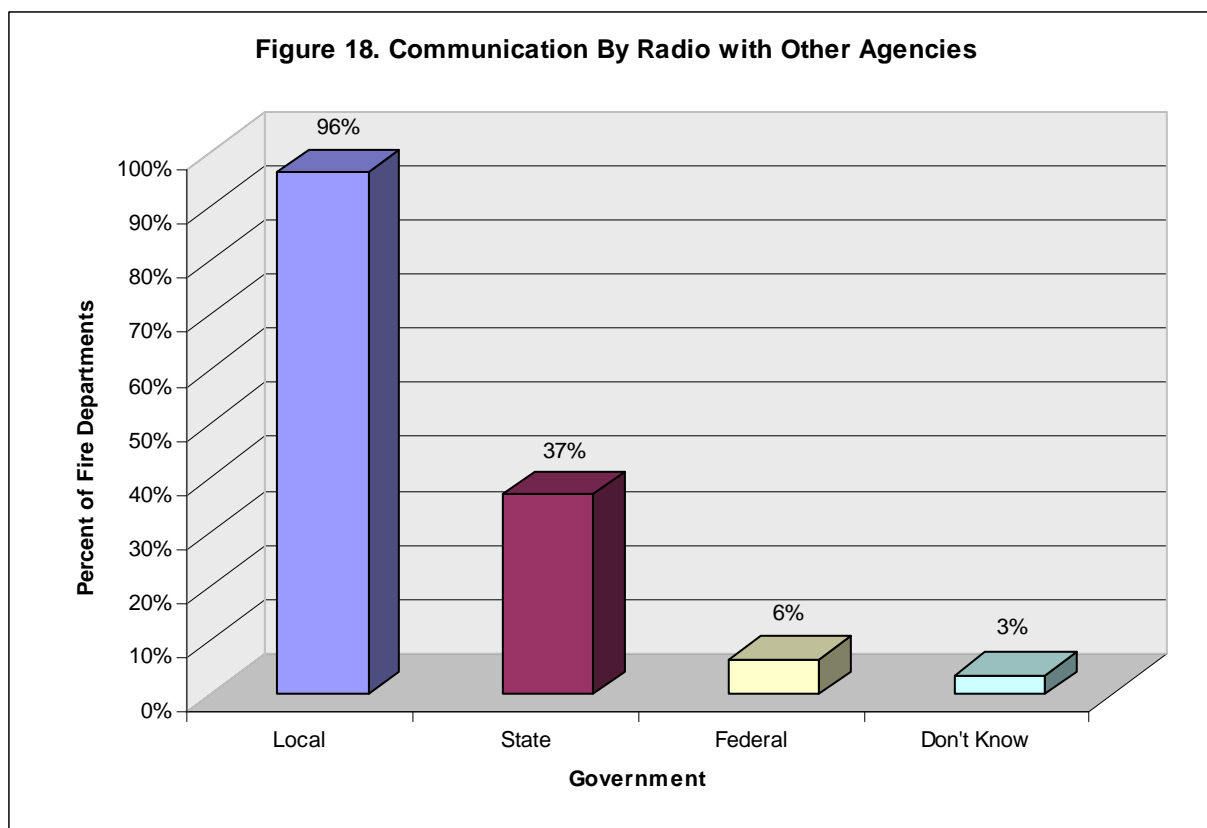
Photo 4. Falmouth VFD - Stafford County, Virginia

"Fire Departments Have to Regularly Schedule for Apparatus Replacement."

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.

Reports from Virginia fire departments show that the vast majority of departments (96%) can communicate with local emergency response partners by radio on an incident scene. Thirty-seven percent (37%) can communicate with state responders and only six percent can communicate with federal responders, suggesting that communications interoperability is still a challenge for many fire departments. (See Figure 18.)



Frequency Spectrum

The frequency in which fire departments operate can greatly affect how they communicate with other agencies. Fifty-three percent (53%) of departments operate using High Band (147-174 MHz) frequency, while 39 percent of departments use either Ultra Band (450-470 MHz) or 800 MHz radios. (See Figure 19.)

Figure 19. What Radio Frequency Spectrum Does Your Department Operate On?

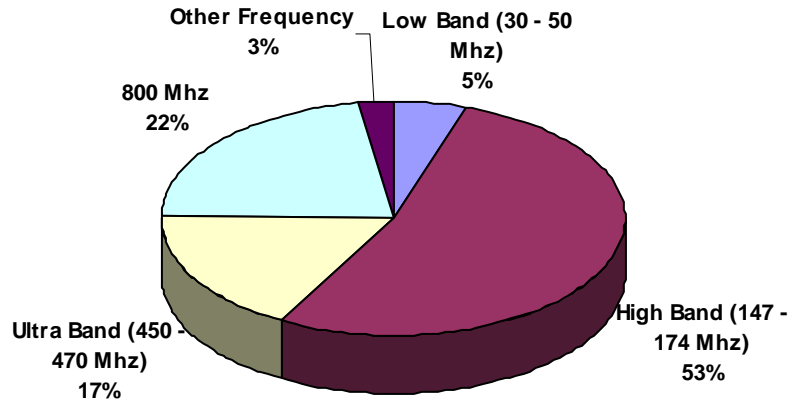


Table 15. Radio Operating Frequency Reported By Virginia Region

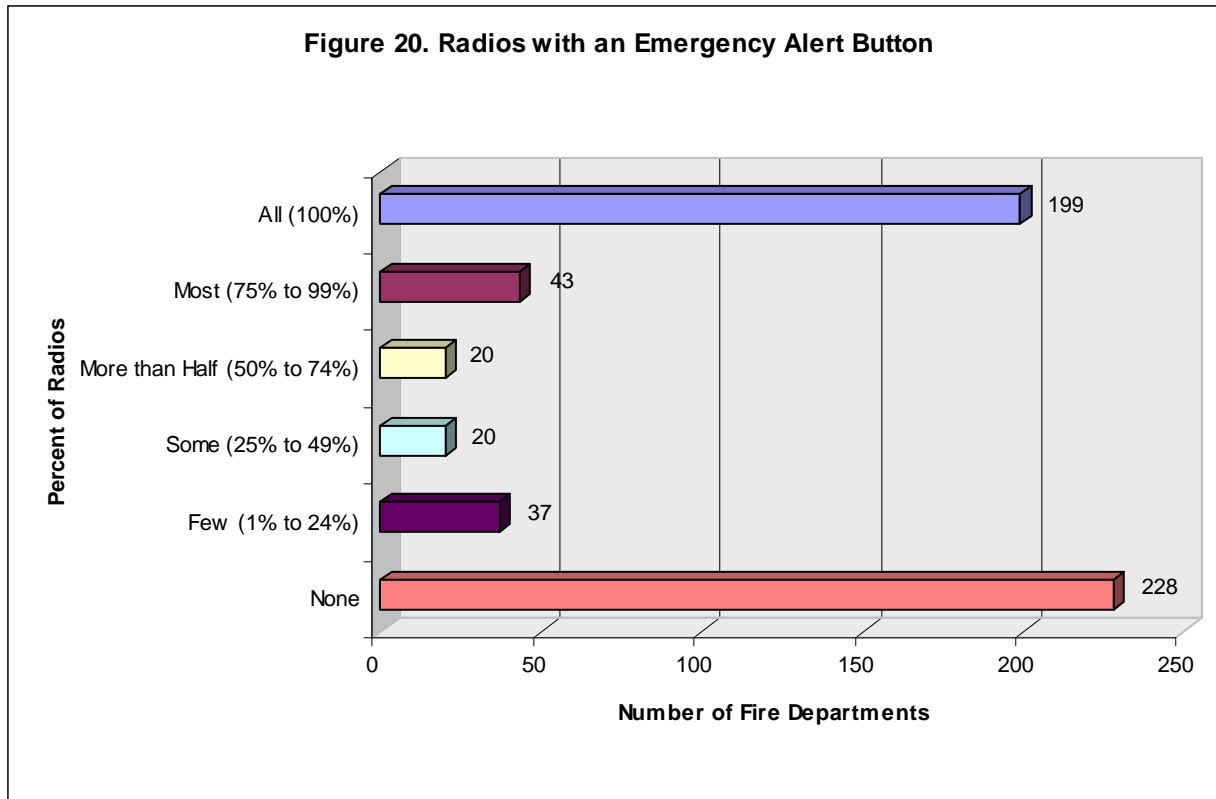
Region	Low Band (30 - 50 Mhz)	High Band (147 - 174 Mhz)	Ultra Band (450 - 470 Mhz)	800 Mhz	Other Frequency	Grand Total
Central	1.3%	21.9%	2.6%	8.2%	0.7%	34.7%
Coastal	0.9%	8.2%	0.7%	2.7%	0.0%	12.6%
Mountain	1.1%	16.1%	4.6%	0.2%	0.9%	22.9%
Northern	0.7%	1.3%	0.7%	8.6%	0.5%	11.9%
Valley	1.1%	5.5%	8.6%	2.4%	0.4%	17.9%
Grand Total	5.1%	53.0%	17.2%	22.1%	2.6%	100.0%

Assigned Radios

Eighty-nine percent (89%) of respondents answered that all of their apparatus have mobile radios assigned, while only 26 percent of departments showed that their apparatus all have a portable radio assigned to each riding position.

Emergency Alert Button

Forty-two percent (42%) of the respondents reported that their radios do not have an emergency alert button, while 36 percent of departments have all of their radios equipped with a button. (See Figure 20.)



Dispatch Operations

Nearly one-half of all fire departments responded that a police department is primarily responsible for their dispatch operations. Twenty-nine percent (29%) employ a communications department for their incident calls and 19 percent utilize a combined public safety agency. (See Figure 21.)

GPS Map Coordinate System

Fifty-four percent (54%) of fire departments have no GPS map coordinate system to help navigate during emergency response. (See Figure 22.) The USFA/NFPA national study estimates that 48 percent of departments have no map coordinate system.²

² USFA/NFPA (2006). *Four Years Later - A Second Needs Assessment of the U.S. Fire Service*, p.91.

Figure 21. Primary Responsibility for Dispatch Operations

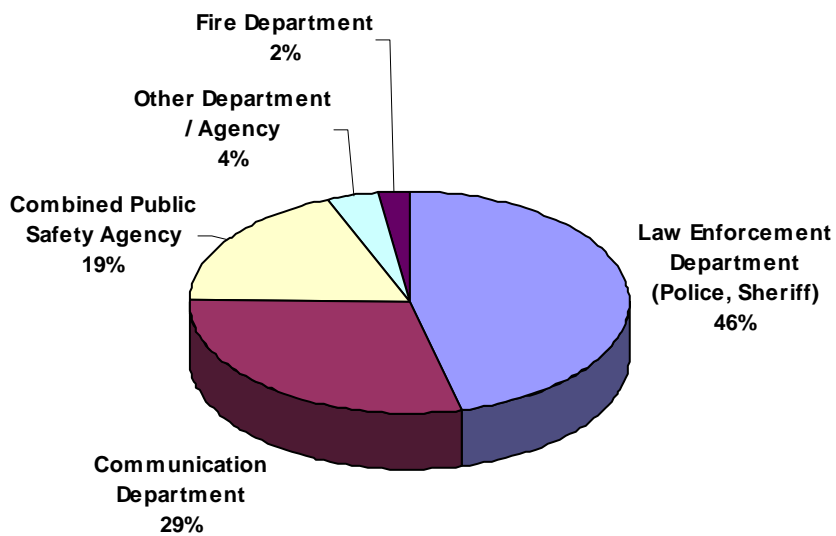


Figure 22. Apparatus Equipped with a GPS Map Coordinate System

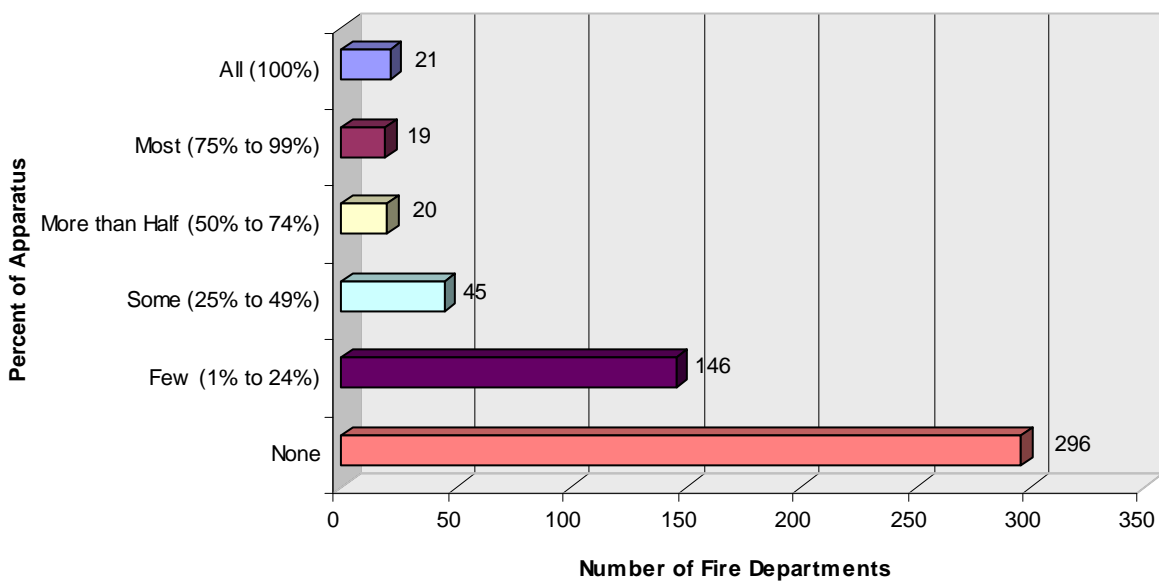




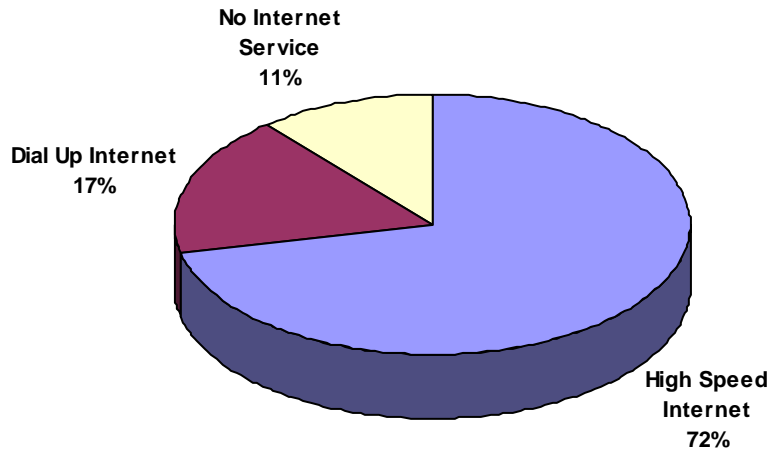
Photo 5. Zion Crossroads VFD - Louisa County, Virginia

"Communication is Critical at an Incident Scene."

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 (89%) at their organization. High speed internet accounted for 74 percent of the internet access and dial-up made up 17 percent of the internet service used in the state. (See Figure 23.) 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.

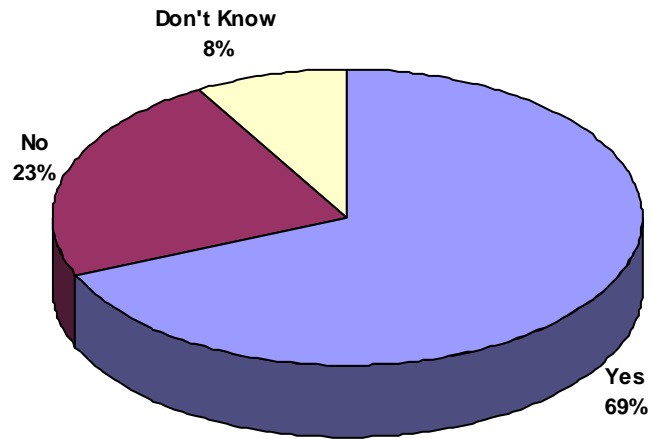
Figure 23. Departments with Internet Service



Incident Data

Sixty-nine percent (69%) of fire departments responded that they currently use their department's incident data in making department decisions. (See Figure 24.) Reported incident statistics can be found in Chapter 3.

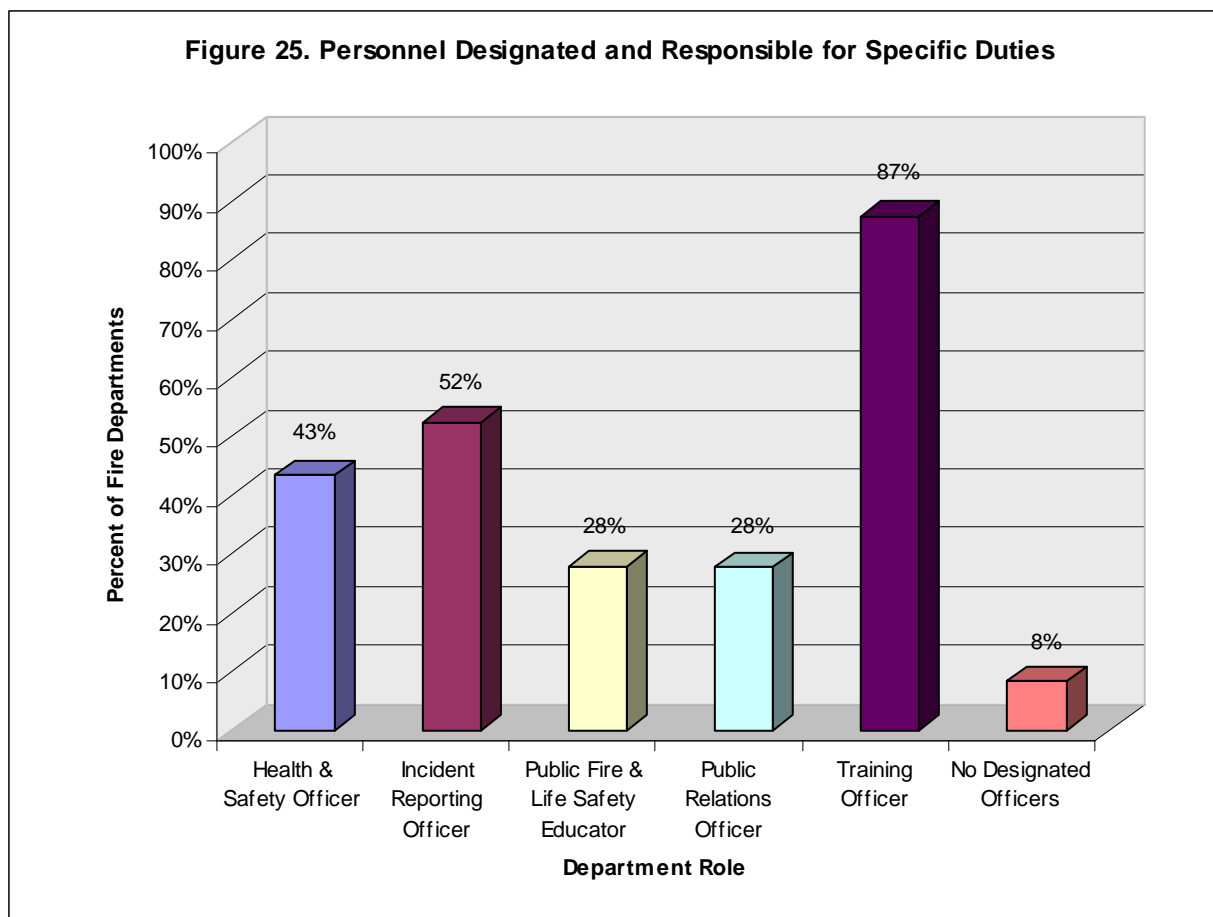
Figure 24. Are You Using Incident Data for Department Decision Making



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.

When departments responded if they had personnel designated and responsible for the specific fire service duties, 87 percent had training officers, and 52 percent had designated incident reporting officers. (See Figure 25.) Almost one-third of departments had personnel responsible for public fire and life safety educator duties with 63 percent classified as volunteer.



Nearly all, 99 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 (81%), and hazardous materials response (77%). There is some need for personnel with the ability to answer emergency medical services

calls since only 65 percent perform this role. (See Figure 26.) 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.



Photo 6. Charlottesville Fire Dept. - Charlottesville, Virginia

"Some Fire Department Incidents Require Specialized Fire Fighter Training."

Figure 26. Fire Departments that Perform Specific Fire Service Role

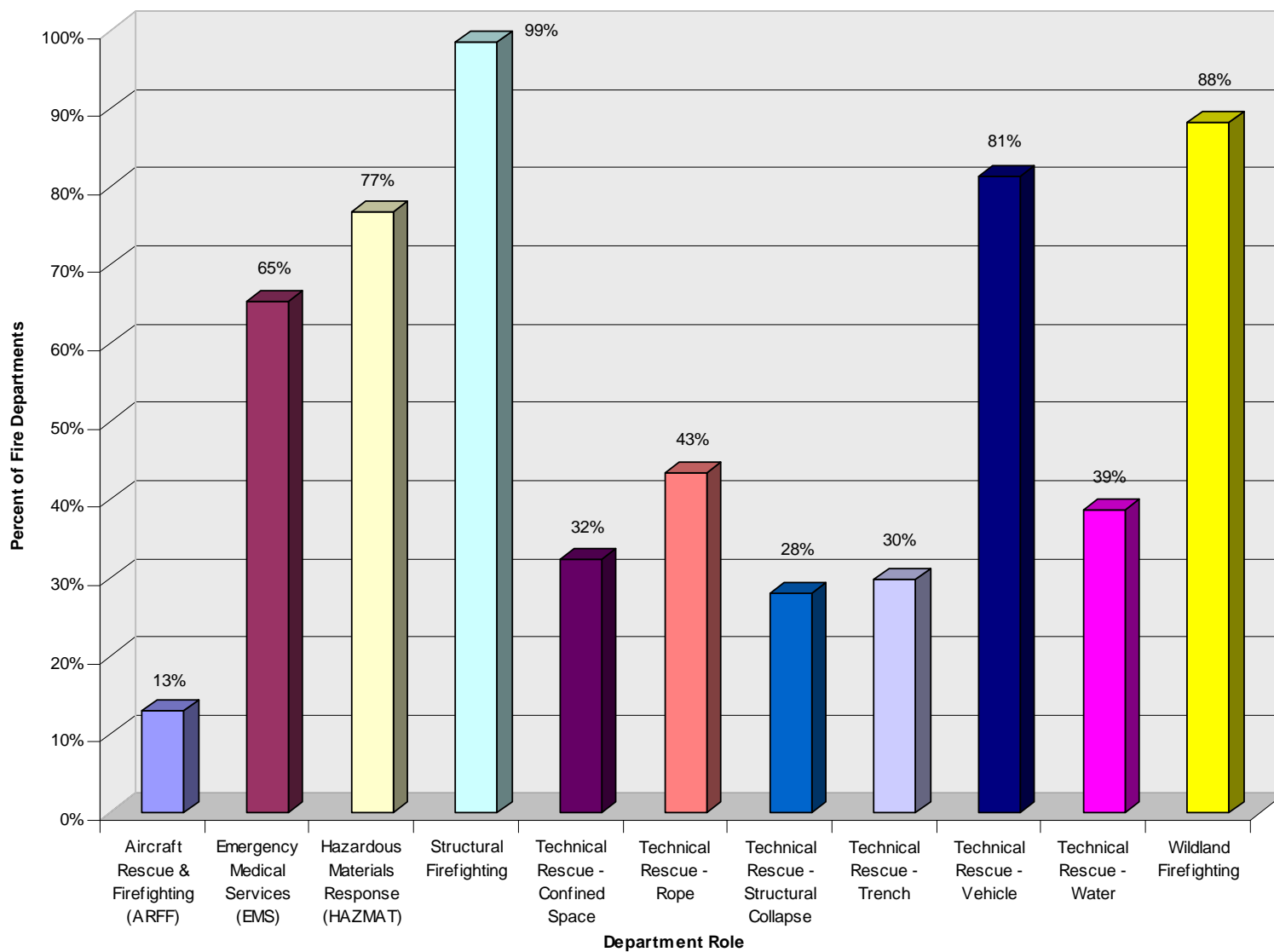


Figure 27. Personnel That Have Received Formal Training By Department Role

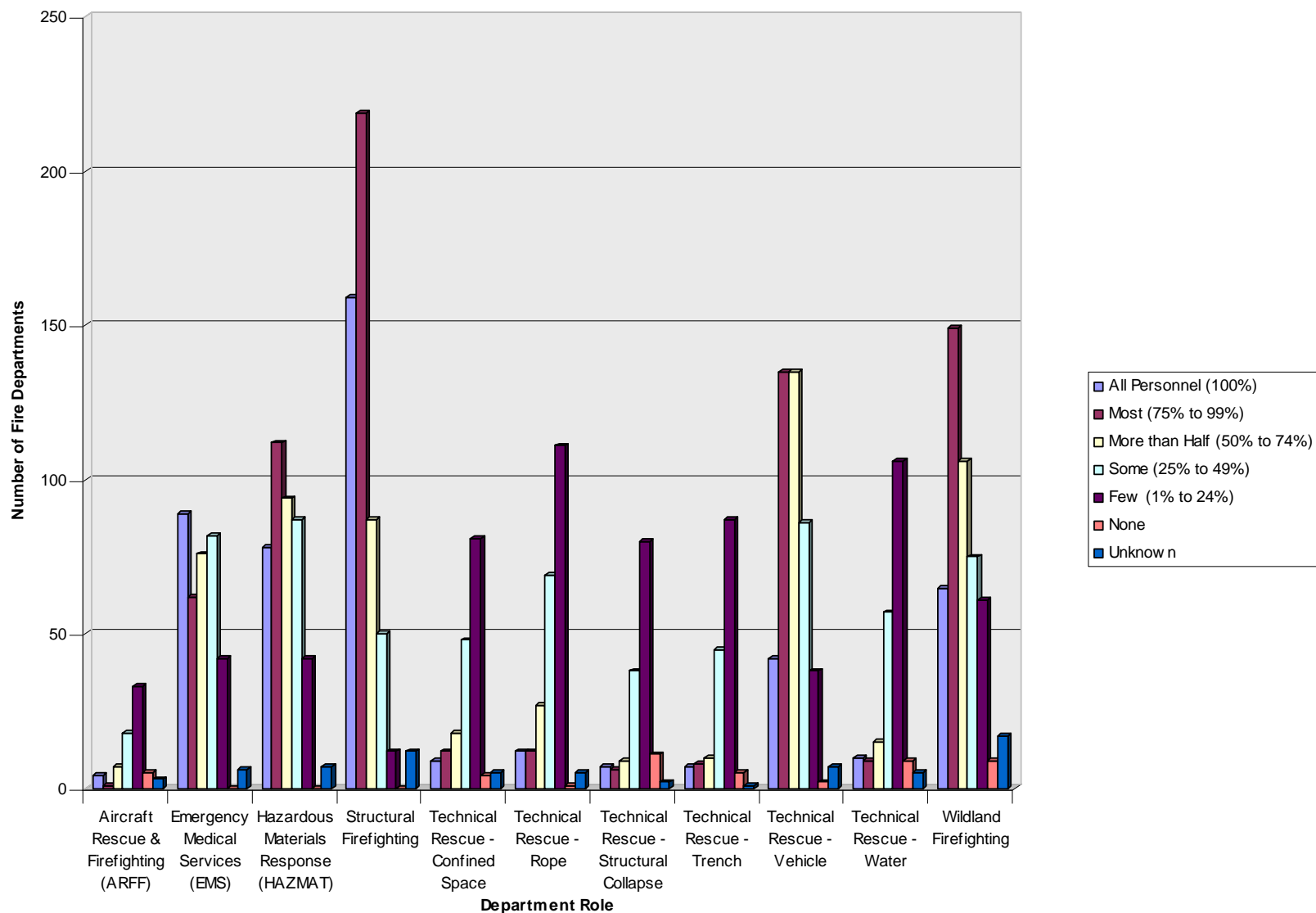
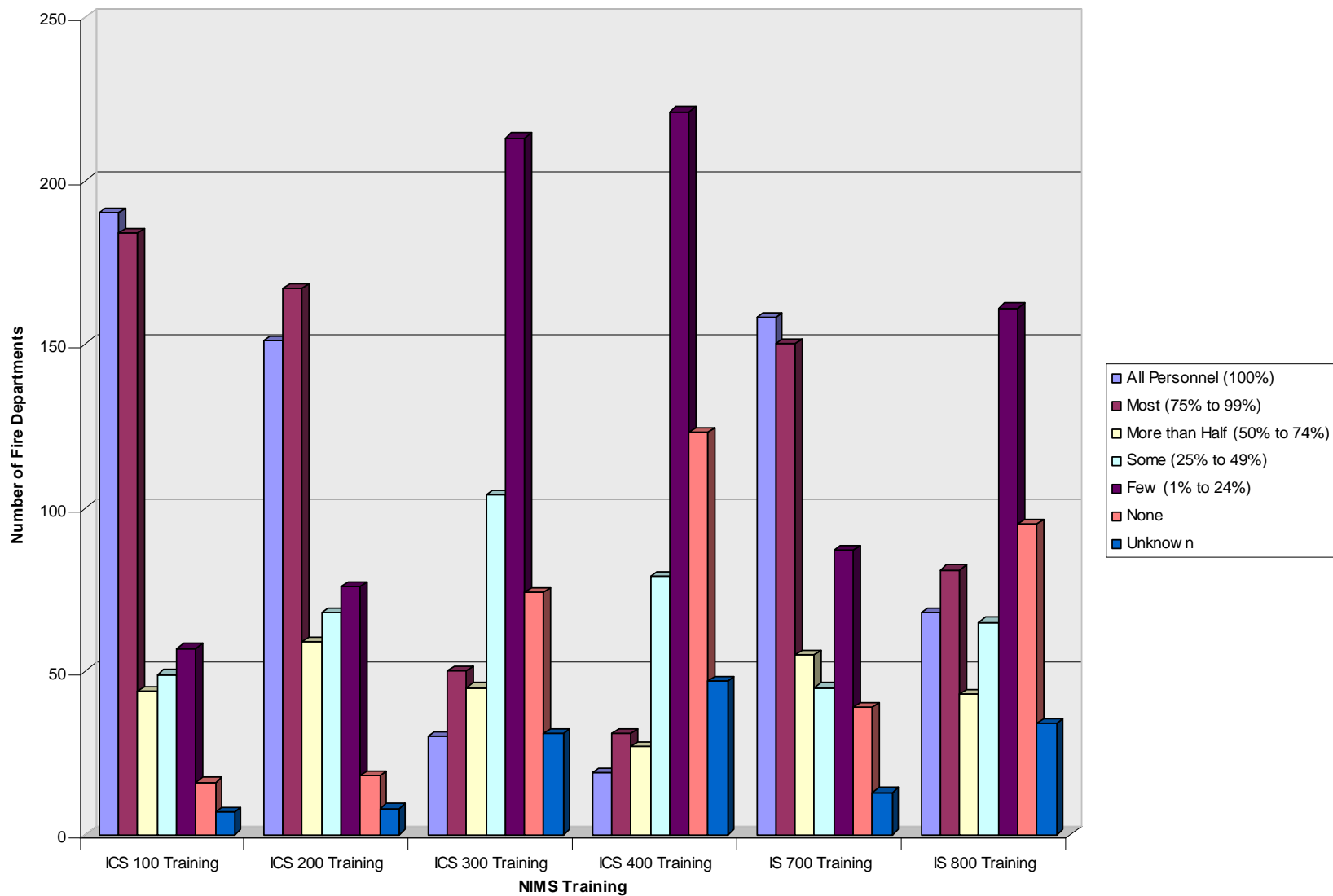


Figure 28. Personnel Received Training in National Incident Management System (NIMS)



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. Fifty-two percent (52%) of departments responded that their jurisdiction mandate firefighter certification. (See Figure 29.) Fire departments reported with the survey that they have very few personnel that are certified in certain fire service areas. Fifty-nine percent (59%) 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 (45%), 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.)

Figure 29. Does Your Jurisdiction Mandate Firefighter Certification?

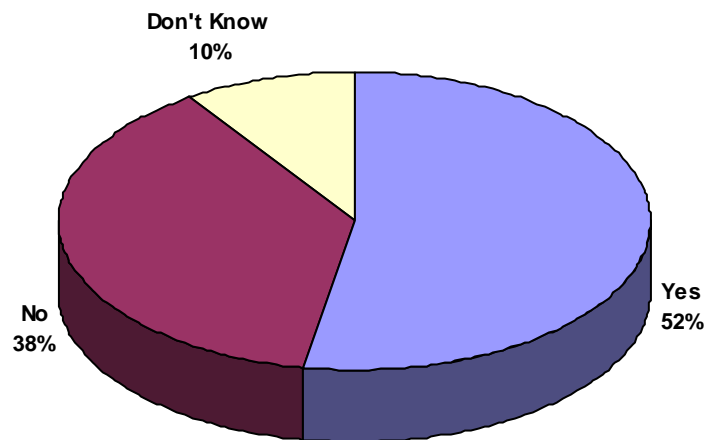


Table 16. Percent of Fire Service Personnel Reported By Certification Type

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)	0.4%	2.7%	2.7%	12.4%	58.7%	19.2%
Basic Life Support (First Responder or EMT-B)	6.8%	10.6%	16.5%	26.7%	32.0%	5.1%
Emergency Vehicle Operations	18.6%	45.0%	22.7%	8.0%	3.7%	0.4%
Fire Apparatus Driver / Operator	4.4%	16.6%	27.8%	22.9%	22.3%	3.5%
Fire Investigator	0.4%	0.0%	0.4%	1.8%	35.6%	52.7%
Fire Officer	0.4%	0.7%	4.2%	18.5%	48.8%	23.0%
Fire Prevention Inspector	0.4%	0.2%	0.7%	1.8%	28.3%	59.2%
Firefighter Level I	16.3%	36.9%	21.6%	14.1%	9.7%	0.7%
Firefighter Level II	9.0%	26.5%	23.0%	23.0%	15.2%	2.0%
HAZMAT Awareness	21.2%	36.2%	19.7%	12.6%	7.5%	1.8%
HAZMAT Operational	10.2%	25.8%	22.1%	20.7%	14.6%	4.6%
HAZMAT Specialist	0.2%	0.2%	0.2%	3.5%	30.5%	56.7%
HAZMAT Technician	0.4%	0.2%	1.1%	3.1%	36.7%	50.5%
Public Fire & Life Safety Educator	0.2%	0.2%	0.5%	0.9%	30.5%	58.7%

Regional Technical Rescue Response

Eighty-seven percent (87%) 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 22 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 60 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.



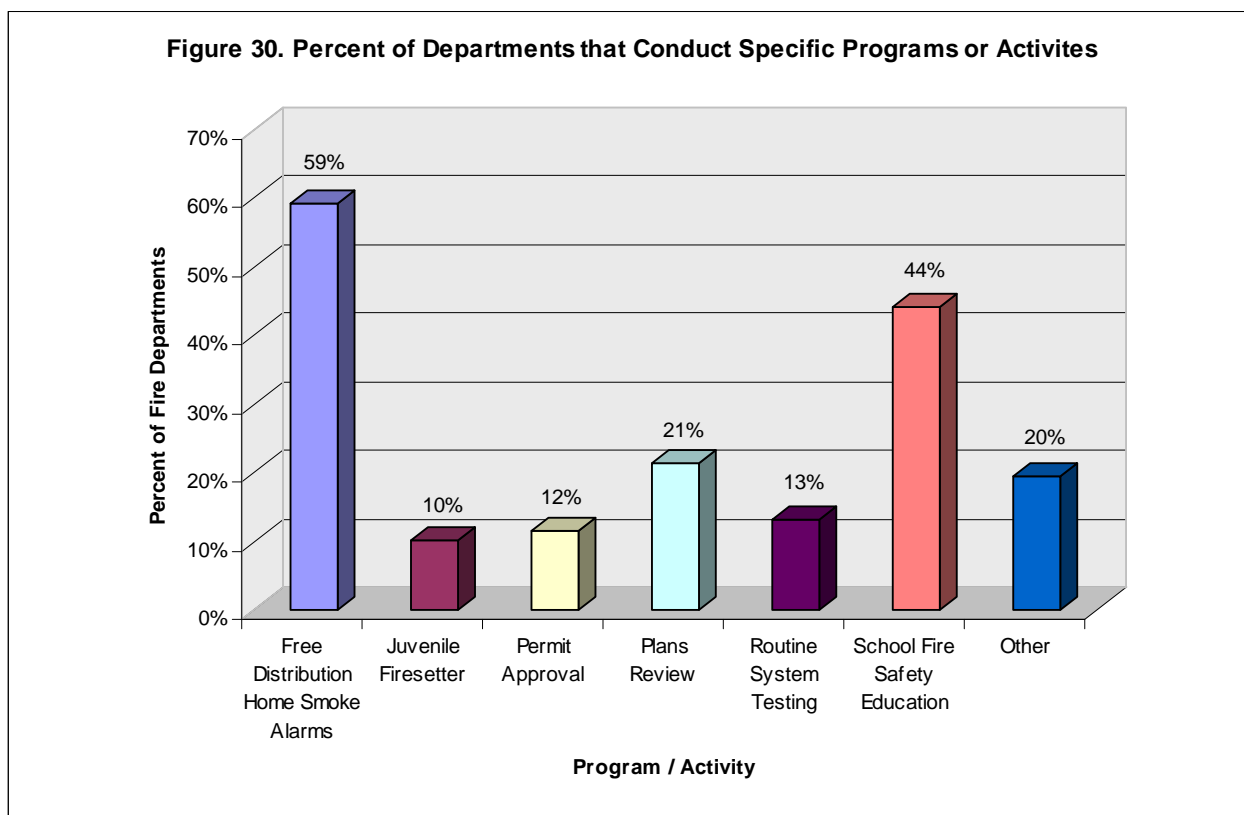
Photo 7. Chancellor Volunteer Fire and Rescue - Spotsylvania County, Virginia

"Training Certifications Help Prepare Personnel for Emergency Response."

Survey Section VIII - Fire Prevention & Code Enforcement

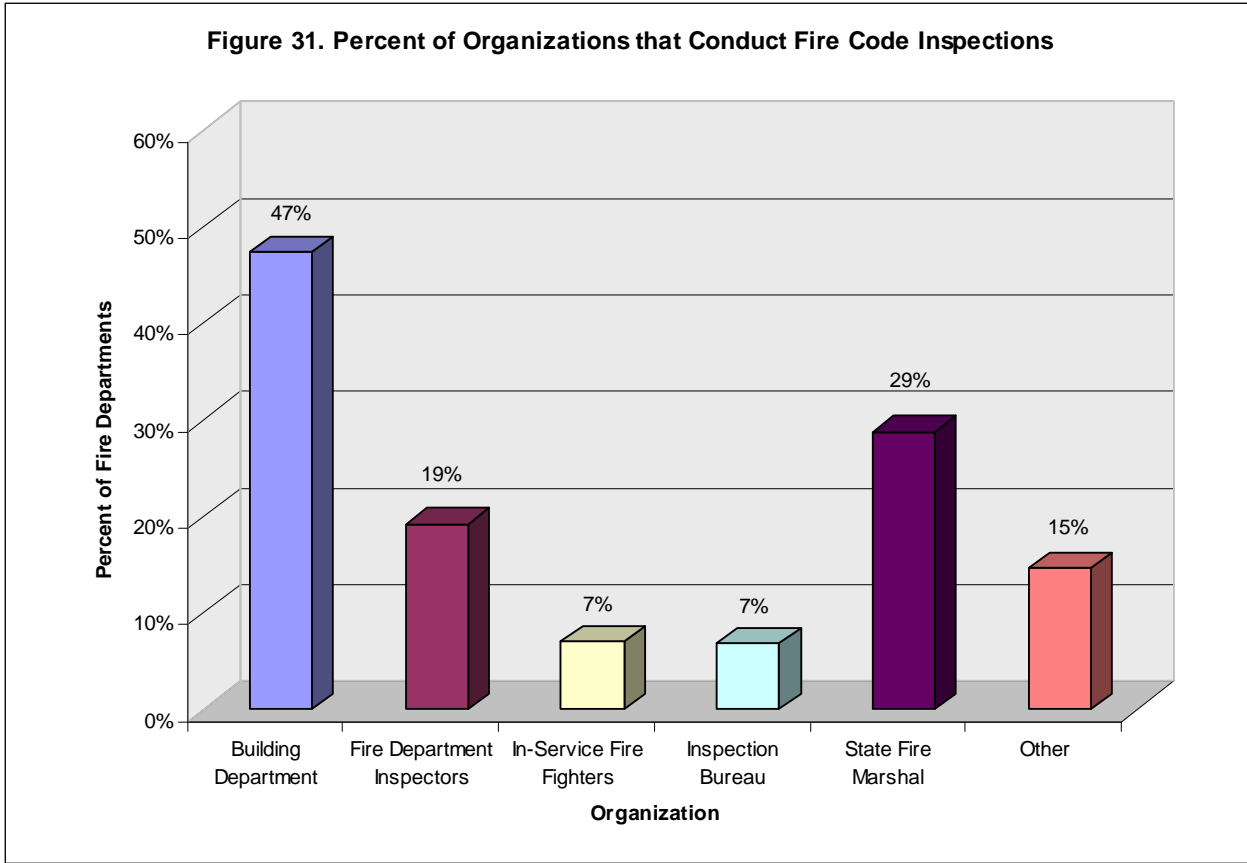
Programs / Activities

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-nine percent (59%) of departments reported that they participate in the free distribution of home smoke alarms and 44 percent conducted school fire safety education programs. (See Figure 30.)



Fire Code Inspections

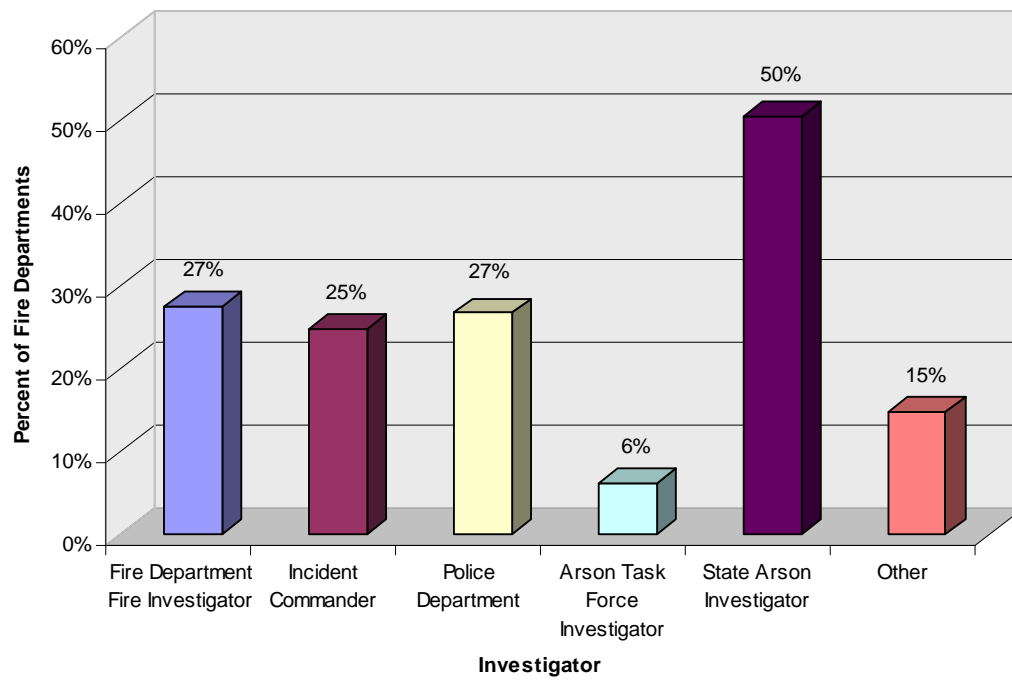
Fire code inspections are conducted by different organizations and the availability of resources affects the amount of code enforcement in an area. The largest number of fire departments reported that building departments (47%) handle inspections in their community. (See Figure 31.)



Fire Investigation

Several types of investigators will determine if a suspicious fire was deliberately set in an area. Half of the departments reported that state arson investigators analyze fires to conclude the cause of ignition. (See Figure 32.) Thirty-five percent (35%) of fire departments responded that fire investigation data does not become readily available after an incident.

Figure 32. Percent of Investigators Who Determines that a Fire Was Deliberately Set



Survey Section X - Your Fire Department's Top Needs

Top Needs

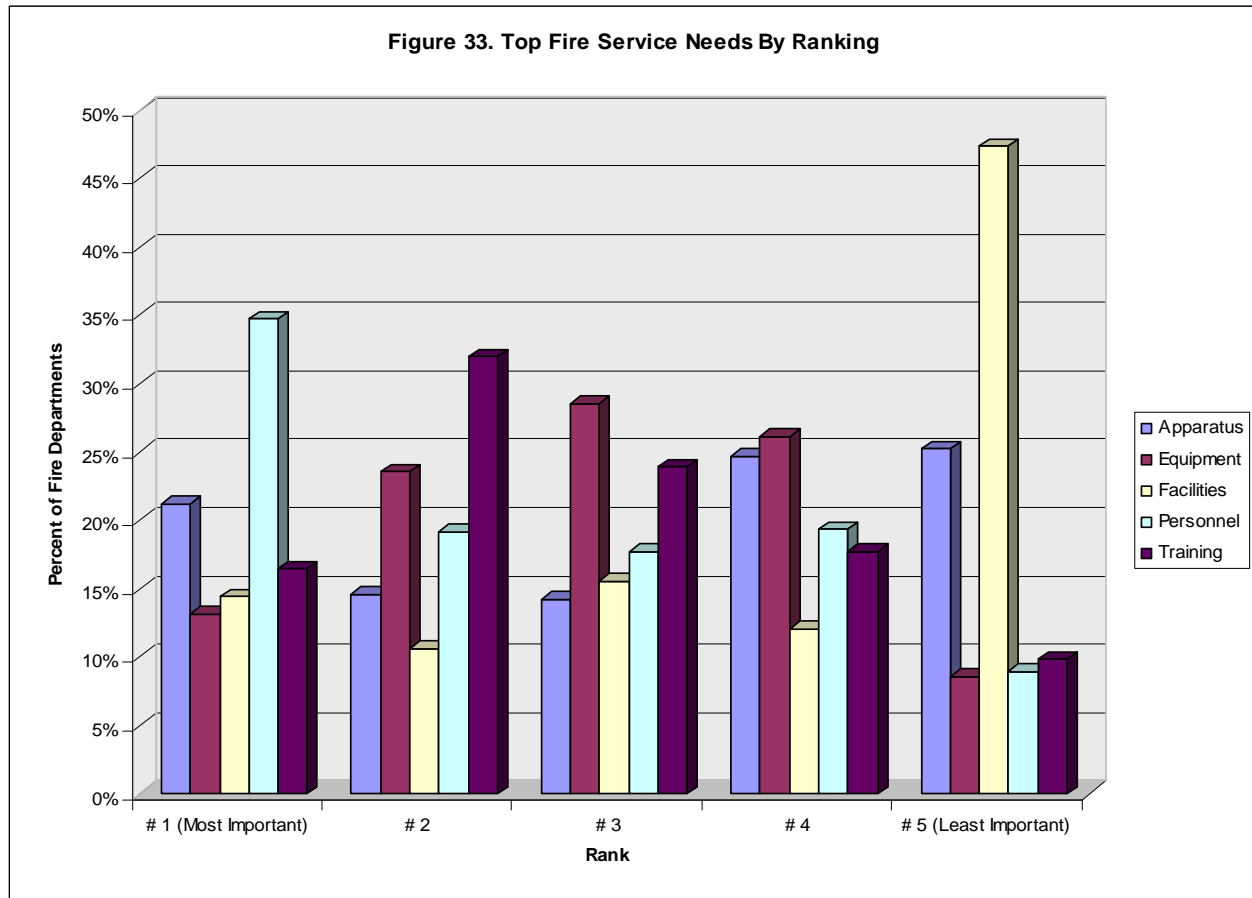
Survey respondents were asked to rank their department's top needs from 1 to 5 in order of importance. The most important need would be ranked #1, the next important need would be ranked #2, etc. and the least important need would be #5. The five ranking categories were apparatus, equipment, facilities,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

Overall, in Virginia, the top need generated from the response was (#1) personnel. Thirty-five percent (35%) 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 17.)

Table 17. Top Fire Service Needs Reported By Virginia Region

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



Estimated Costs

Fire departments were also surveyed concerning the estimated costs associated with each specific need for Fiscal Year 2009. Departments selected from a range of monetary amounts and estimates were generated from the results. Overall, fire departments reported that their estimated costs for Fiscal Year 2009 would be \$612,261,989. (See Table 18.) Last year with the survey, fire departments reported total estimated costs of 496 million for 2008.

The costs for fire departments to maintain their facilities (\$234,112,407) accounted for the highest amount of funding needed in Virginia. Personnel had the second highest costs, amounting to \$228 million. Apparatus costs ranked third and totaled \$99 million.

Table 18. Total Estimated Costs Reported By Virginia Region *

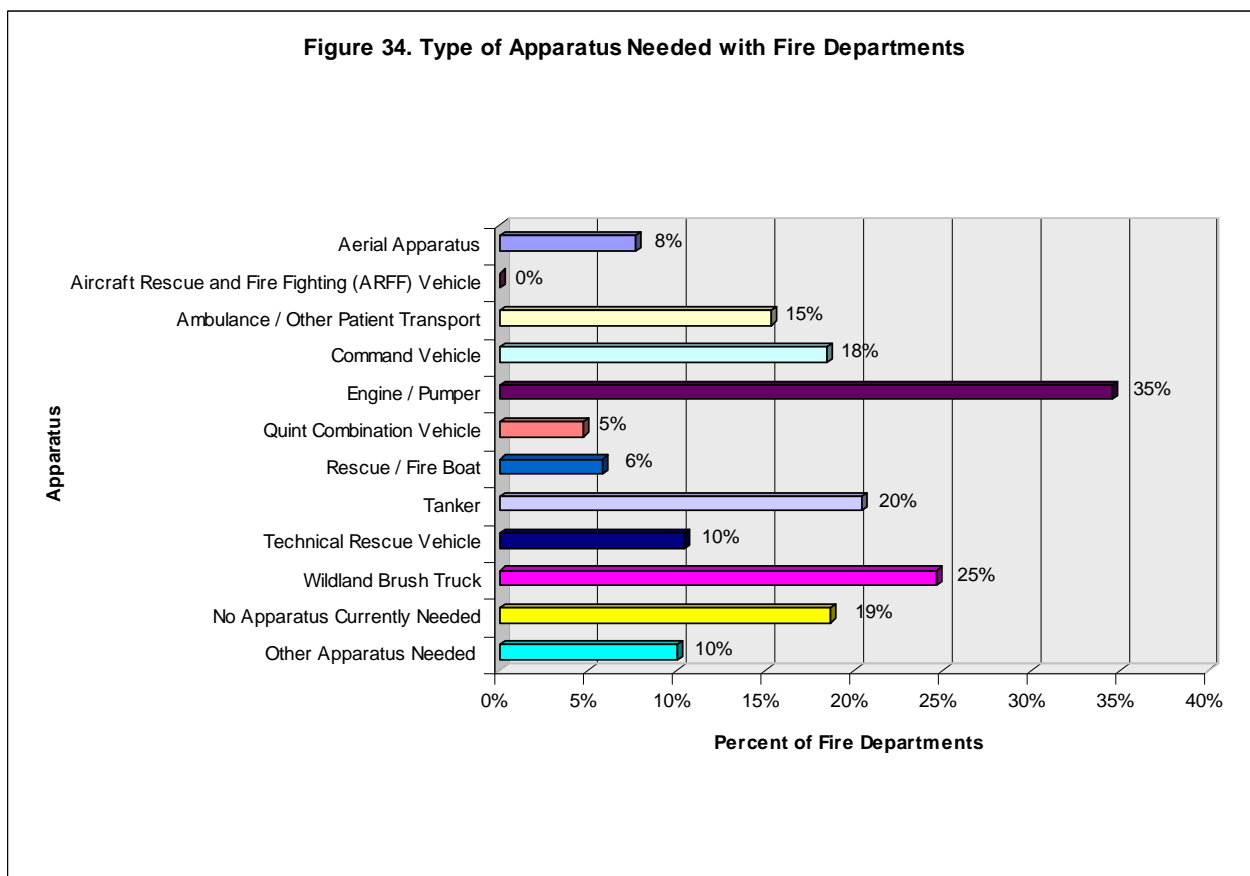
VA Region	Apparatus	Equipment	Facilities	Personnel	Training	Total
Central	\$30,099,950	\$9,237,462	\$61,499,972	\$87,574,983	\$5,787,482	\$194,199,848
Coastal	\$17,087,479	\$5,437,481	\$43,824,988	\$39,537,489	\$2,924,990	\$108,812,426
Mountain	\$17,687,464	\$4,987,470	\$19,687,483	\$5,124,988	\$3,299,990	\$50,787,393
Northern	\$21,512,476	\$7,649,978	\$64,737,480	\$77,812,486	\$4,149,985	\$175,862,404
Valley	\$12,937,476	\$4,962,480	\$44,362,485	\$17,899,988	\$2,437,490	\$82,599,918
Total	\$99,324,845	\$32,274,869	\$234,112,407	\$227,949,933	\$18,599,936	\$612,261,989

* Data excludes individual fire department's information for localities when a consolidated survey response was also received.

Supplemental Table 4 located at the end of this section shows how each locality rank their #1 top need and also show their total estimated costs.

Apparatus Needed

Apparatus are needed when fire departments dispatch to different types of situations. Thirty-five percent (35%) of all responding departments noted that they require an engine/pumper. Wildland brush trucks were listed as an apparatus need and accounted for 25 percent of the response from departments. Nineteen percent (19%) of departments responded that they currently have no apparatus need. (See Figure 34.)



A table containing additional data on the apparatus needed can be found under Supplemental Table 5 at the end of this section.



Photo 8. Lawrenceville Vol. Fire Dept. - Brunswick County, Virginia

"Apparatus Provide Required Resources to Areas When Needed."

Equipment Needed

Fire service personnel rely on adequate equipment to perform their duties as a firefighter. Departments showed their largest equipment need was for personal protective equipment (PPE) (52%), radios (49%), and thermal imaging cameras (47%). Map Coordinate System - GPS was selected by 42 percent of departments. Only 8 percent of fire departments reported that they have no equipment currently needed. (See Figure 35.)

Please see Supplemental Table 6 for more detailed information on the type of equipment needed.

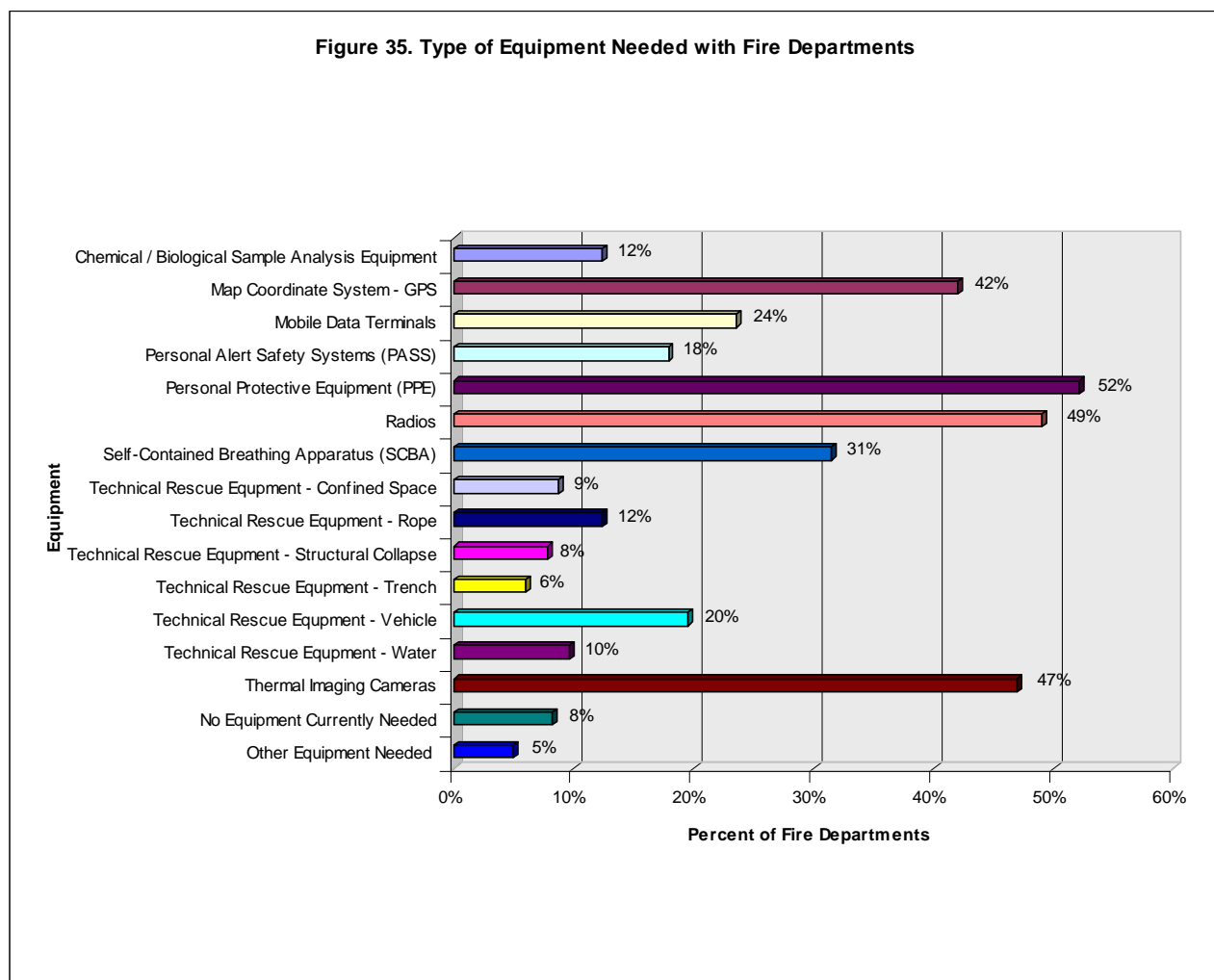


Table 19. Number of Apparatus Needed Reported By Virginia Region *

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	8	3	29	40	70	10	6	32	17	44	6
Coastal	5	1	20	19	40	2	9	14	8	16	20
Mountain	10	1	8	18	43	7	9	35	8	32	13
Northern	9	0	42	21	38	1	3	9	7	5	13
Valley	2	0	13	11	18	3	1	14	4	12	11
Grand Total	34	5	112	109	209	23	28	104	44	109	63

* Data excludes individual fire department's information for localities when a consolidated survey response was also received.

Table 20. Number of Equipment Needed Reported 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)
Central	105	309	250	389	1,152	1,132	860
Coastal	8	296	329	741	1,071	295	749
Mountain	24	178	87	268	763	785	498
Northern	32	117	258	125	690	357	452
Valley	8	114	63	167	508	642	309
Grand Total	177	1,014	987	1,690	4,184	3,211	2,868

* Data excludes individual fire department's information for localities when a consolidated survey response was also received.

Table 20. Number of Equipment Needed Reported By Virginia Region * (cont.)

Region	Technical Rescue Equipment - Confined Space	Technical Rescue Equipment - Rope	Technical Rescue Equipment - Structural Collapse	Technical Rescue Equipment - Trench	Technical Rescue Equipment - Vehicle	Technical Rescue Equipment - Water	Thermal Imaging Cameras	Other Equipment
Central	17	117	28	12	38	68	133	9
Coastal	26	28	66	1	18	30	82	3
Mountain	34	60	35	31	41	31	95	9
Northern	7	17	2	11	25	21	81	19
Valley	11	9	7	2	22	3	55	1
Grand Total	95	231	138	57	144	153	446	41

* Data excludes individual fire department's information for localities when a consolidated survey response was also received.



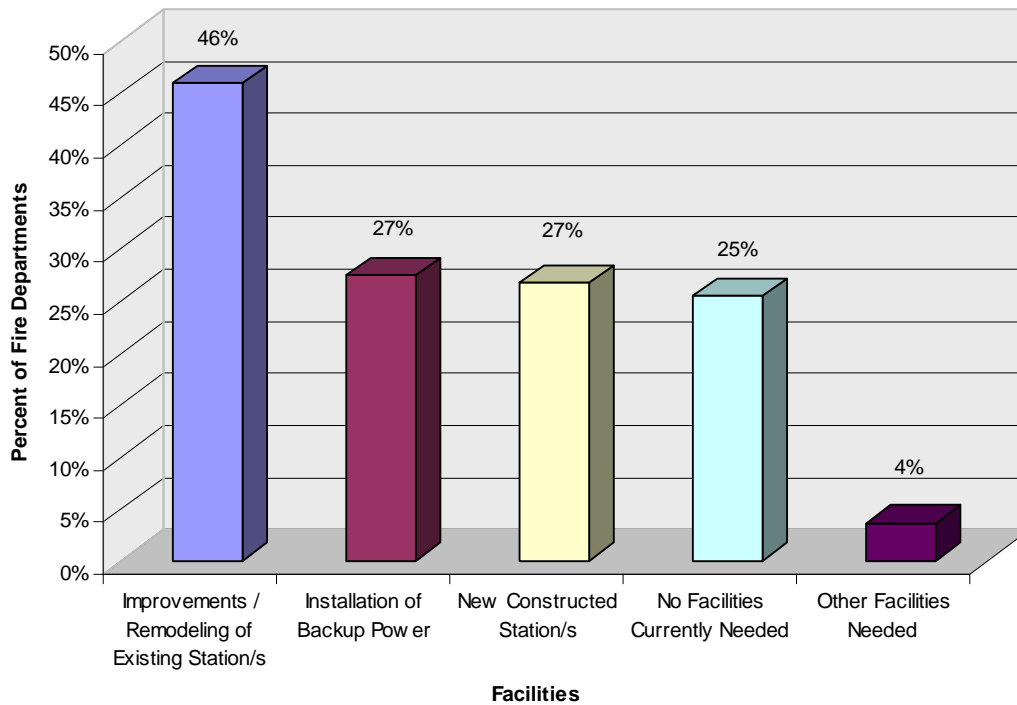
Photo 9. Tunstall Vol. Fire & Rescue - Pittsylvania County

"Facilities Need Improvements to Be Prepared for Emergency Crisis."

Facilities Needed

Facilities was the least reported top need. Forty-six percent (46%) of the departments responded that they needed improvements /remodeling to the existing stations. One-fourth of departments showed no current need with their facilities. (See Figure 36.)

Figure 36. Facility Needs with Fire Departments



Personnel Needed

Personnel was the overall (#1) top need in the state for fire departments. Seventy-six percent (76%) of all departments responded that they need volunteer firefighters and 23 percent showed a need for paid firefighters. Eleven percent (11%) of departments reported that they have no personnel currently needed. (See Figure 37.)

An additional table on personnel needed by locality is located in the end of this section under Supplemental Table 7.

Figure 37. Type of Personnel Needed with Fire Departments

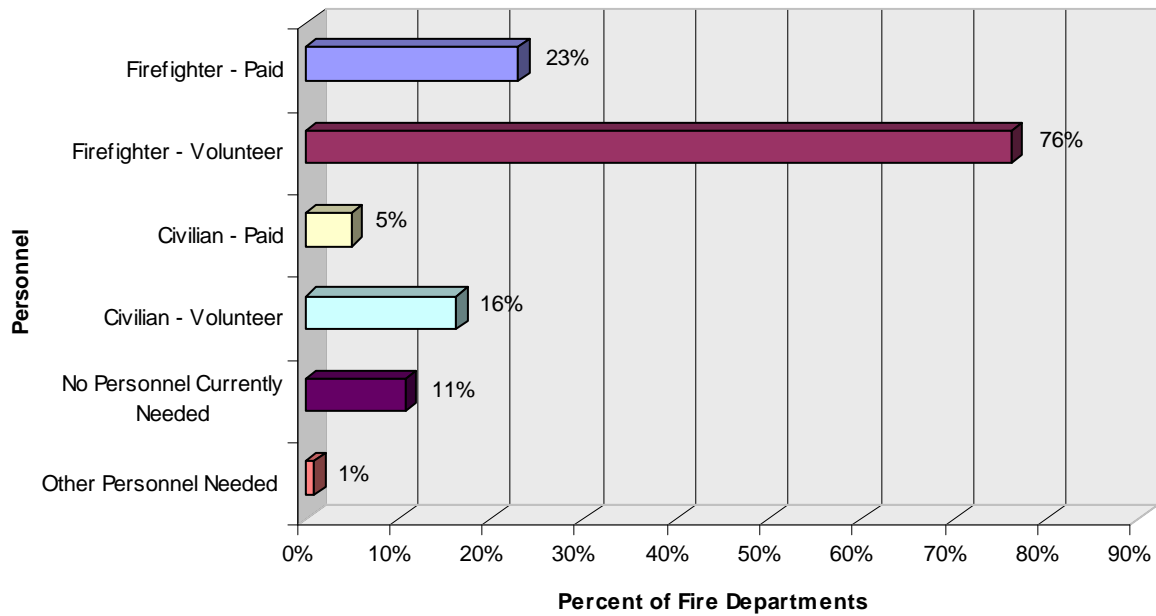


Table 21. Number of Personnel Needed Reported By Virginia Region *

Region	Firefighter - Paid	Firefighter - Volunteer	Civilian - Paid	Civilian - Volunteer	Other Personnel
Central	326	1,284	45	156	25
Coastal	265	315	17	57	0
Mountain	80	658	0	55	0
Northern	439	1,193	48	216	10
Valley	204	704	10	88	0
Grand Total	1,314	4,154	120	572	35

* Data excludes individual fire department's information for localities when a consolidated survey response was also received.

Training Needed

Training is essential in keeping firefighters prepared for an emergency crisis. Eighty-three percent (83%) of fire departments requested the need for fire fighter training. Fire apparatus driver / operator training accounted for 67 percent of the survey response and emergency vehicle operations made up 63 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 38.)



Photo 10. Falmouth VFD - Stafford County, Virginia

"Training Teaches Fire Fighters to Instinctively Respond to All Incidents."

Figure 38. Percent of Fire Departments Requesting Specific Training Needs

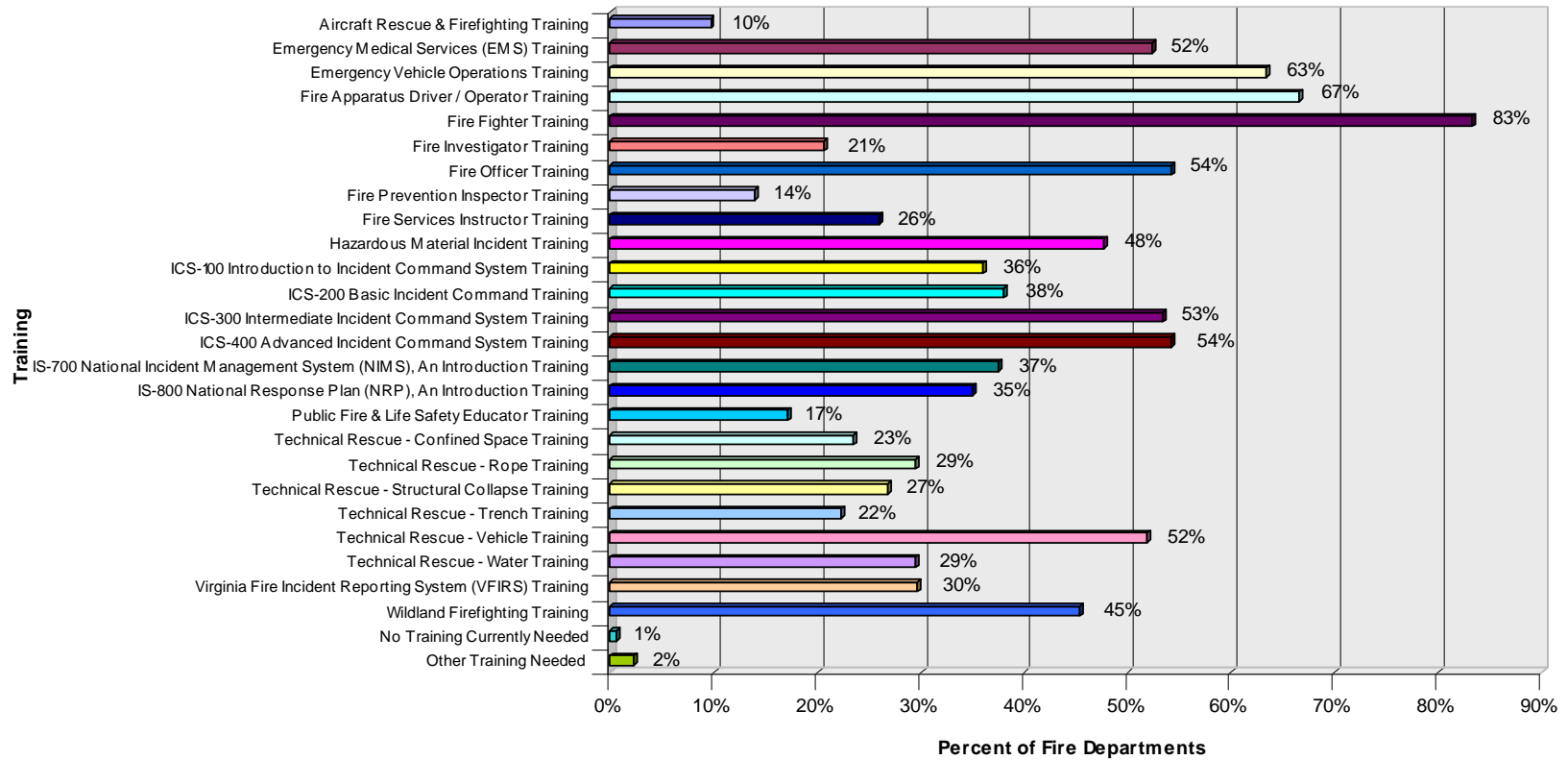


Table 22. Percent of Fire Departments Requesting Specific Training Needs By Virginia Region

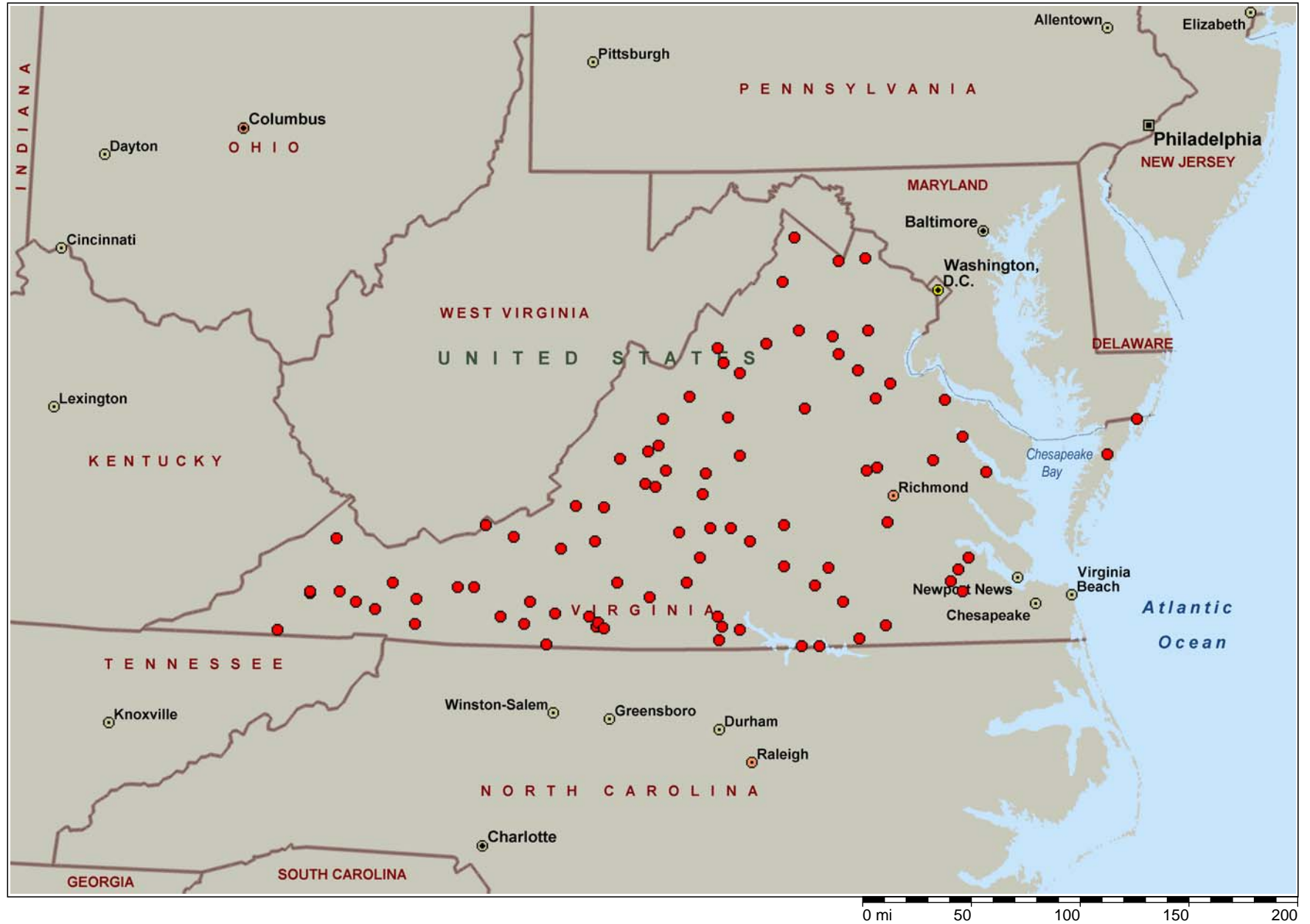
Training	Central	Coastal	Mountain	Northern	Valley	Grand Total
Aircraft Rescue & Firefighting Training	3.8%	2.2%	1.5%	1.8%	0.4%	9.7%
Emergency Medical Services (EMS) Training	19.7%	6.2%	6.4%	9.3%	10.6%	52.3%
Emergency Vehicle Operations Training	21.0%	8.2%	12.8%	9.3%	12.1%	63.4%
Fire Apparatus Driver / Operator Training	22.9%	8.4%	13.7%	10.4%	11.2%	66.5%
Fire Fighter Training	27.6%	10.2%	19.6%	9.9%	15.9%	83.2%
Fire Investigator Training	6.8%	2.9%	5.1%	2.4%	3.5%	20.7%
Fire Officer Training	18.3%	5.5%	9.5%	9.5%	11.3%	54.1%
Fire Prevention Inspector Training	5.3%	2.2%	2.6%	1.5%	2.4%	13.9%
Fire Services Instructor Training	9.3%	3.8%	4.0%	4.2%	4.6%	26.0%
Hazardous Material Incident Training	16.6%	5.9%	11.0%	6.4%	7.9%	47.7%
ICS-100 Introduction to Incident Command System Training	11.9%	4.9%	7.5%	6.4%	5.3%	36.0%
ICS-200 Basic Incident Command System Training	13.2%	4.8%	7.9%	6.8%	5.5%	38.0%
ICS-300 Intermediate Command System Training	19.6%	5.1%	10.4%	9.5%	8.8%	53.4%
ICS-400 Advanced Incident Command System Training	18.8%	6.2%	11.3%	9.3%	8.4%	54.1%
IS-700 National Incident Management System (NIMS), An Introduction Training	12.4%	4.8%	9.0%	6.0%	5.3%	37.5%
IS-800 National Response Plan (NRP), An Introduction Training	12.1%	3.8%	8.6%	5.7%	4.8%	34.9%
Public Fire & Life Safety Educator Training	6.6%	2.7%	3.3%	2.4%	2.2%	17.2%
Technical Rescue - Confined Space Training	7.3%	3.1%	5.7%	3.1%	4.2%	23.4%
Technical Rescue - Rope Training	9.9%	3.3%	6.2%	4.0%	6.0%	29.4%
Technical Rescue - Structural Collapse Training	8.8%	3.7%	5.7%	3.7%	5.1%	26.9%
Technical Rescue - Trench Training	6.4%	3.1%	4.8%	3.5%	4.6%	22.3%
Technical Rescue - Vehicle Training	18.3%	7.1%	9.7%	8.0%	8.8%	51.9%
Technical Rescue - Water Training	8.4%	4.8%	6.0%	5.3%	4.9%	29.4%
Virginia Fire Incident Reporting System (VFIRS) Training	10.4%	3.7%	6.4%	4.0%	5.1%	29.6%
Wildland Firefighting Training	17.7%	5.3%	9.3%	4.8%	8.2%	45.3%
No Training Currently Needed	0.2%	0.0%	0.0%	0.2%	0.2%	0.5%
Other Training Needed	0.7%	0.4%	0.5%	0.5%	0.0%	2.2%

Note: Data was compiled from a total of 547 survey responses submitted by fire departments in Virginia. Percentages shown 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.

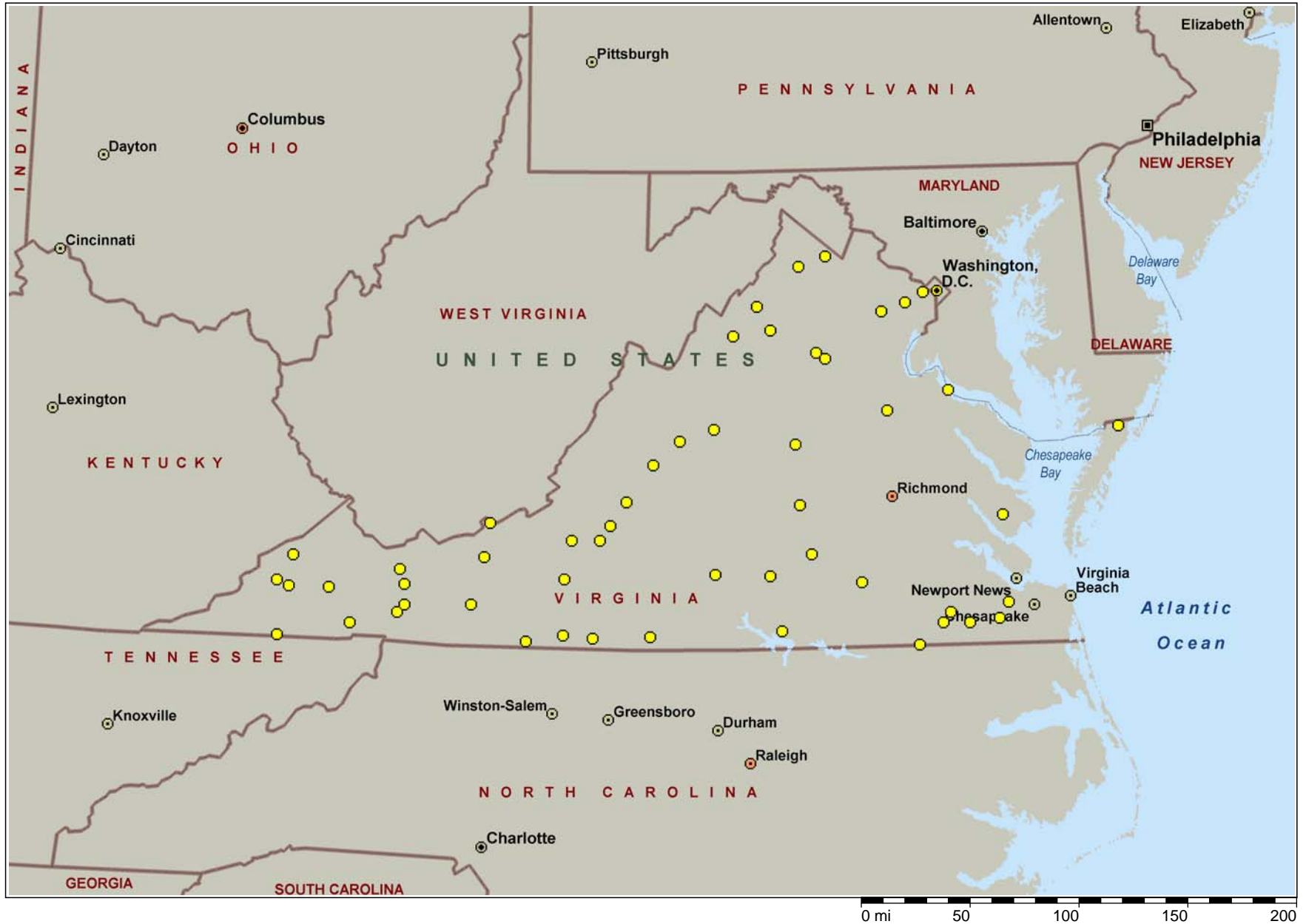
Map 1. #1 Top Need - Apparatus - Reported By Fire Department

Top Need by
Street
Address
● Apparatus



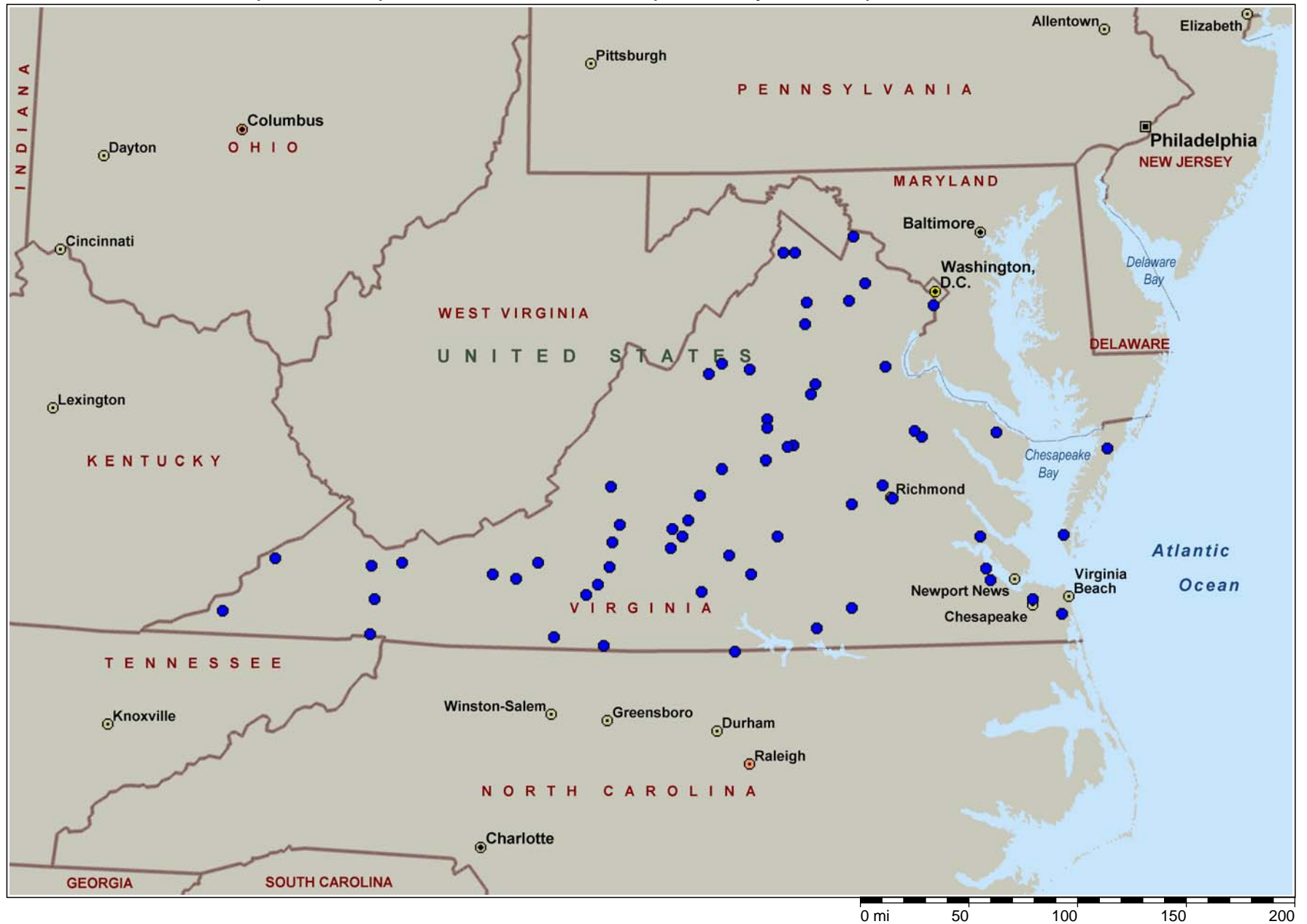
Map 2. #1 Top Need - Equipment - Reported By Fire Department

Top Need by
Street
Address
● Equipment



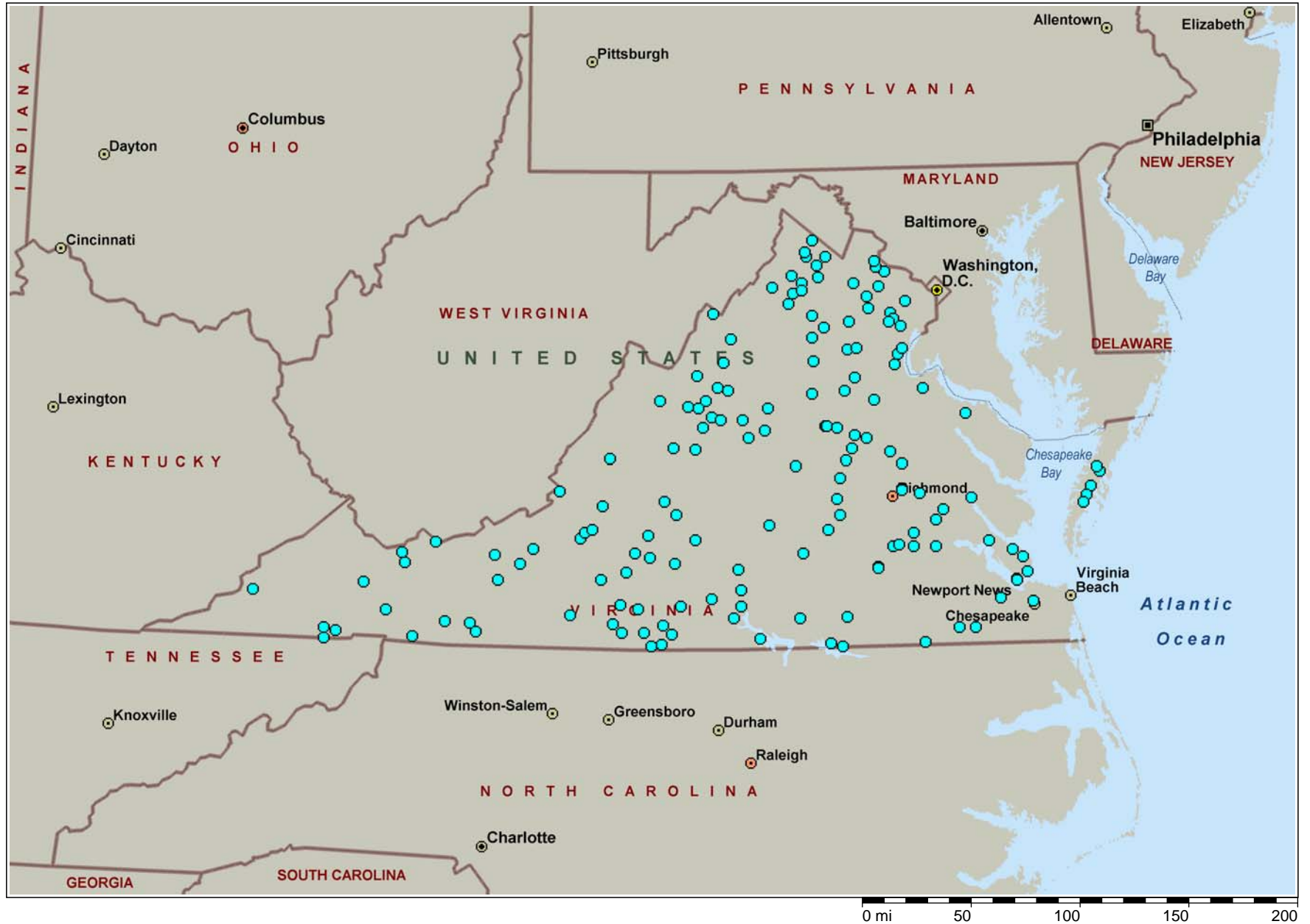
Map 3. #1 Top Need - Facilities - Reported By Fire Department

Top Need
by Street
Address
● Facilities



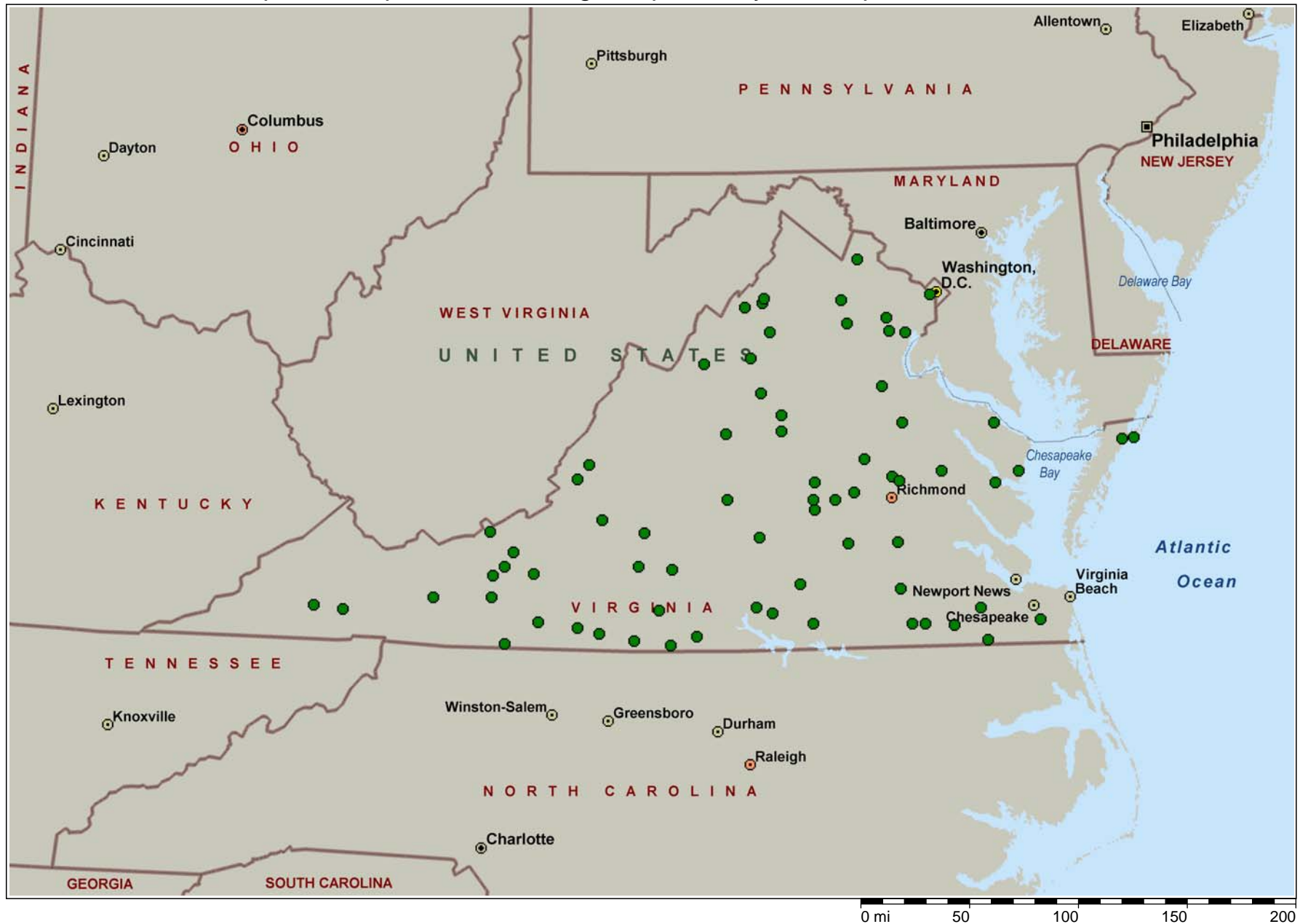
Map 4. #1 Top Need - Personnel - Reported By Fire Department

Top Need by
Street
Address
● Personnel

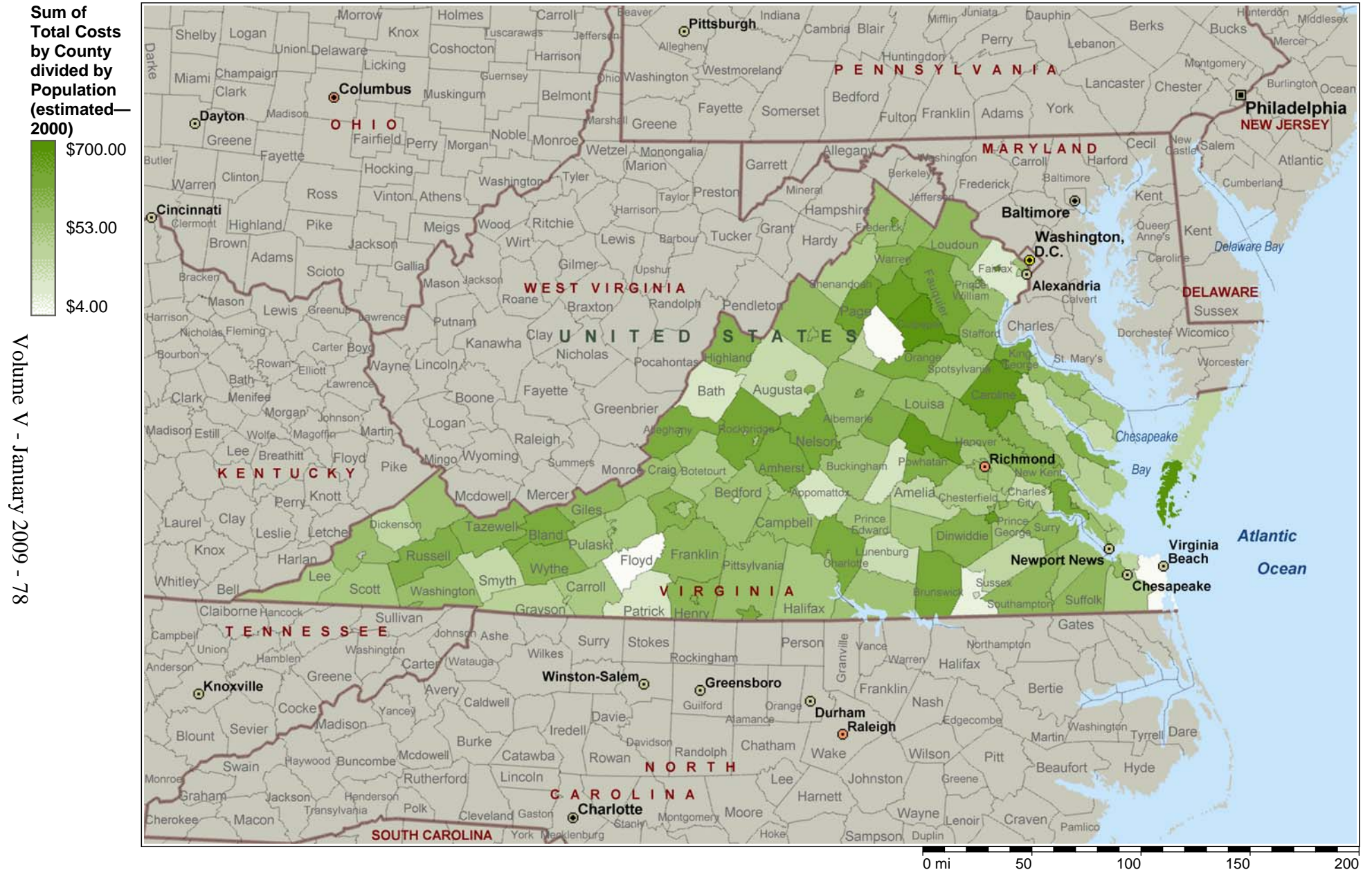


Map 5. #1 Top Need - Training - Reported By Fire Department

Top Need
by Street
Address
● Training



Map 6. Total Estimated Costs Per Capita By Locality



Supplemental Table 1. Fire Department Personnel Data Reported By Locality

FIPS	County/City	Career Firefighters	Volunteer Firefighters	Paid-per-call Firefighters	Total Firefighters	Average Firefighters on Duty and Available	Civilian Personnel - Paid	Civilian Personnel - Volunteer	Total Civilian Personnel
001	Accomack County	33	796	0	829	20.0	3	0	3
003	Albemarle County	50	533	0	583	16.5	12	23	35
005	Alleghany County	3	224	0	227	15.0	0	7	7
007	Amelia County	0	132	0	132	8.0	0	0	0
009	Amherst County	14	79	0	93	8.3	1	0	1
011	Appomattox County	0	67	0	67	15.5	0	0	0
013	Arlington County	308	0	0	308	73.0	17	1	18
015	Augusta County	43	350	0	393	3.0	1	2	3
017	Bath County	0	30	0	30	20.0	0	20	20
019	Bedford County	35	400	0	435	100.0	2	0	2
021	Bland County	0	69	0	69	8.2	0	31	31
023	Botetourt County	14	250	0	264	20.0	1	0	1
025	Brunswick County	0	158	0	158	8.3	0	41	41
027	Buchanan County	1	116	0	117	10.0	0	13	13
029	Buckingham County	0	120	0	120	13.8	0	3	3
031	Campbell County	4	250	0	254	17.3	0	7	7
033	Caroline County	34	170	0	204	8.2	11	77	88
035	Carroll County	0	107	0	107	12.3	0	5	5
036	Charles City County	0	22	0	22	6.0	0	1	1
037	Charlotte County	0	142	0	142	10.7	0	1	1
041	Chesterfield County	418	0	100	518	110.0	47	0	47
043	Clarke County	16	98	0	114	4.6	0	80	80
045	Craig County	0	79	0	79	7.8	0	40	40
047	Culpeper County	0	254	0	254	9.0	0	73	73
049	Cumberland County	22	60	0	82	14.5	0	30	30
051	Dickenson County	0	114	0	114	11.5	0	0	0
053	Dinwiddie County	3	200	0	203	10.0	1	0	1
057	Essex County	0	54	0	54	54.0	1	0	1
059	Fairfax County	1,378	256	0	1,634	337.0	307	223	530
061	Fauquier County	48	327	0	375	6.5	8	129	137
063	Floyd County	0	80	0	80	80.0	0	0	0
065	Fluvanna County	0	132	0	132	9.5	0	132	132
067	Franklin County	28	150	17	195	30.0	2	15	17
069	Frederick County	74	213	0	287	2.0	6	0	6
071	Giles County	0	109	0	109	12.0	0	24	24
073	Gloucester County	0	215	0	215	7.0	0	150	150
075	Goochland County	17	199	0	216	10.0	3	60	63
077	Grayson County	0	91	0	91	12.0	0	45	45
079	Greene County	0	38	0	38	4.0	0	9	9

Supplemental Table 1. Fire Department Personnel Data Reported By Locality

FIPS	County/City	Career Firefighters	Volunteer Firefighters	Paid-per-call Firefighters	Total Firefighters	Average Firefighters on Duty and Available	Civilian Personnel - Paid	Civilian Personnel - Volunteer	Total Civilian Personnel
083	Halifax County	52	348	0	400	10.0	0	42	42
085	Hanover County	160	500	0	660	50.0	7	0	7
087	Henrico County	509	10	0	519	116.0	25	0	25
089	Henry County	6	272	0	278	16.1	2	37	39
091	Highland County	0	51	0	51	10.0	0	0	0
093	Isle of Wight County	7	157	0	164	12.5	1	52	53
095	James City County	108	50	0	158	25.0	33	1	34
097	King and Queen County	0	128	0	128	8.7	0	18	18
099	King George County	35	140	0	175	10.0	2	20	22
101	King William County	1	65	0	66	7.0	0	55	55
103	Lancaster County	0	50	0	50	10.0	0	5	5
105	Lee County	0	167	0	167	9.6	0	41	41
107	Loudoun County	456	389	0	845	17.1	57	90	147
109	Louisa County	15	166	0	181	5.4	1	120	121
111	Lunenburg County	0	140	0	140	13.3	0	27	27
113	Madison County	0	30	0	30	0.0	0	6	6
115	Mathews County	0	95	0	95	10.0	0	0	0
117	Mecklenburg County	2	250	0	252	12.1	0	43	43
119	Middlesex County	5	111	0	116	13.0	0	0	0
121	Montgomery County	3	162	0	165	15.8	0	25	25
125	Nelson County	21	191	0	212	8.1	0	68	68
127	New Kent County	9	74	0	83	4.0	1	0	1
131	Northampton County	0	130	0	130	6.8	0	33	33
133	Northumberland County	0	92	0	92	25.0	0	0	0
135	Nottoway County	0	122	0	122	20.0	0	0	0
137	Orange County	35	169	0	204	15.2	1	18	19
139	Page County	4	171	0	175	12.5	14	0	14
141	Patrick County	0	200	0	200	6.0	0	200	200
143	Pittsylvania County	4	500	0	504	8.2	0	114	108
145	Powhatan County	0	150	0	150	17.0	0	20	20
147	Prince Edward County	0	156	0	156	15.5	0	2	2
149	Prince George County	12	210	0	222	10.0	3	2	5
153	Prince William County	727	818	0	1,545	29.4	65	208	273
155	Pulaski County	13	144	23	180	13.0	0	50	50
157	Rappahannock County	0	129	0	129	8.3	0	70	70
159	Richmond County	0	46	0	46	10.0	0	0	0
161	Roanoke County	147	142	0	289	7.5	6	0	6
163	Rockbridge County	0	197	0	197	9.6	0	61	61
165	Rockingham County	86	319	0	405	10.9	2	158	160

Supplemental Table 1. Fire Department Personnel Data Reported By Locality

FIPS	County/City	Career Firefighters	Volunteer Firefighters	Paid-per-call Firefighters	Total Firefighters	Average Firefighters on Duty and Available	Civilian Personnel - Paid	Civilian Personnel - Volunteer	Total Civilian Personnel
167	Russell County	0	181	0	181	13.0	0	64	64
169	Scott County	0	179	0	179	13.7	0	8	8
171	Shenandoah County	40	300	0	340	20.0	1	2	3
173	Smyth County	2	143	0	145	10.2	0	3	3
175	Southampton County	0	228	0	228	9.6	0	98	98
177	Spotsylvania County	130	200	0	330	40.0	7	83	90
179	Stafford County	95	335	0	430	50.0	3	5	8
181	Surry County	0	80	0	80	15.7	0	12	12
183	Sussex County	0	74	0	74	7.3	0	0	0
185	Tazewell County	6	239	54	299	8.9	6	45	51
187	Warren County	38	82	0	120	5.7	4	63	67
191	Washington County	12	223	0	235	13.4	0	14	14
193	Westmoreland County	1	110	0	111	10.5	0	19	19
195	Wise County	0	174	0	174	11.8	0	32	32
197	Wythe County	6	139	25	170	18.2	0	60	60
199	York County	135	14	0	149	38.0	5	13	18
510	Alexandria	143	0	0	143	47.0	96	0	96
515	Bedford	0	47	0	47	15.0	0	0	0
520	Bristol	45	0	0	45	10.0	2	0	2
530	Buena Vista	0	60	0	60	30.0	0	10	10
540	Charlottesville	87	44	0	131	21.0	3	0	3
550	Chesapeake	412	0	0	412	97.0	21	0	21
570	Colonial Heights	45	20	0	65	12.0	3	2	5
580	Covington	0	56	0	56	17.0	1	0	1
590	Danville	122	0	0	122	33.0	1	0	1
595	Emporia	0	45	0	45	20.0	0	0	0
600	Fairfax	69	30	0	99	20.0	13	20	33
610	Falls Church	30	35	0	65	10.0	0	15	15
620	Franklin	14	70	0	84	9.0	1	0	1
630	Fredericksburg	54	10	0	64	12.0	2	0	2
640	Galax	0	20	0	20	12.0	0	0	0
650	Hampton	257	150	0	407	59.0	25	1	26
660	Harrisonburg	82	0	0	82	17.0	6	0	6
670	Hopewell	41	0	0	41	9.0	1	0	1
678	Lexington	0	0	45	45	6.0	0	0	0
680	Lynchburg	174	0	0	174	55.0	12	0	12
683	Manassas	13	35	0	48	6.0	0	0	0
685	Manassas Park	28	0	0	28	6.0	1	0	1
690	Martinsville	40	22	0	62	7.0	1	0	1

Supplemental Table 1. Fire Department Personnel Data Reported By Locality

FIPS	County/City	Career Firefighters	Volunteer Firefighters	Paid-per-call Firefighters	Total Firefighters	Average Firefighters on Duty and Available	Civilian Personnel - Paid	Civilian Personnel - Volunteer	Total Civilian Personnel
700	Newport News	350	0	0	350	85.0	22	1	23
710	Norfolk	483	0	0	483	113.0	18	0	18
720	Norton	0	0	32	32	20.0	0	0	0
730	Petersburg	80	0	0	80	30.0	17	0	17
735	Poquoson	28	8	0	36	9.0	1	0	1
740	Portsmouth	233	0	0	233	69.0	6	0	6
750	Radford	11	21	0	32	5.0	0	0	0
760	Richmond	413	0	0	413	101.0	15	2	17
770	Roanoke	259	0	0	259	67.0	7	0	7
775	Salem	56	0	0	56	22.0	2	0	2
790	Staunton	31	6	15	52	9.0	0	0	0
800	Suffolk	201	103	0	304	21.0	12	17	29
810	Virginia Beach	435	25	0	460	110.0	37	0	37
820	Waynesboro	32	10	0	42	10.0	1	0	1
830	Williamsburg	36	20	12	68	12.0	1	0	1
840	Winchester	53	25	0	78	15.0	3	0	3
Grand Total		9,782	17,488	323	27,593	15.8	1,000	3,417	4,411

Note: Data excludes individual fire department's information for localities when a consolidated survey response was also received. Fire administration departments could either report for their career fire service personnel only or for all fire service in their locality including both career and volunteer personnel. Volunteer fire departments could similarly report for all fire service personnel in their locality. When a consolidated survey response for a locality was received, in order to reduce possible duplication, then any individual fire department responses in the same locality were excluded from quantitative data calculations.

Supplemental Table 2. Number of Apparatus Owned Reported 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	Accomack County	0	0	0	0	0	0	0	0	0	0	4
003	Albemarle County	0	0	2	12	18	2	0	10	2	8	11
005	Alleghany County	1	0	4	0	13	0	0	5	1	7	9
007	Amelia County	0	0	1	1	5	0	0	5	0	5	1
009	Amherst County	1	0	2	2	8	0	0	3	0	3	3
011	Appomattox County	0	0	1	0	5	1	0	3	1	4	2
013	Arlington County	4	0	11	1	16	0	0	0	1	0	0
015	Augusta County	1	0	0	10	33	1	0	8	1	14	1
017	Bath County	1	0	0	0	2	0	0	1	1	0	1
019	Bedford County	0	0	0	5	0	0	0	0	2	0	0
021	Bland County	0	0	0	0	7	0	0	4	0	5	2
023	Botetourt County	0	0	16	6	14	1	4	6	2	9	0
025	Brunswick County	1	0	1	2	14	0	1	7	2	5	7
027	Buchanan County	1	0	0	3	13	0	1	9	3	1	5
029	Buckingham County	0	0	0	0	5	1	0	5	3	7	2
031	Campbell County	2	0	0	10	17	1	1	8	3	9	4
033	Caroline County	4	0	14	5	14	0	4	9	2	13	29
035	Carroll County	0	0	0	2	14	1	0	7	3	8	3
036	Charles City County	0	0	2	1	4	0	0	3	1	2	3
037	Charlotte County	0	0	0	2	10	0	1	7	1	6	2
041	Chesterfield County	6	1	17	1	31	0	6	3	3	10	1
043	Clarke County	1	0	8	2	8	0	3	3	1	4	6
045	Craig County	0	0	2	1	9	0	0	3	0	4	1
047	Culpeper County	1	0	9	7	14	0	5	6	2	7	8
049	Cumberland County	0	0	0	1	7	0	0	4	0	5	0
051	Dickenson County	0	0	0	0	9	0	0	4	1	3	3
053	Dinwiddie County	1	0	5	2	7	0	0	5	2	4	14
057	Essex County	1	0	0	1	7	0	0	2	1	2	0
059	Fairfax County	17	1	41	20	56	0	2	4	14	8	25
061	Fauquier County	1	0	14	12	17	0	1	6	4	7	13
063	Floyd County	0	0	0	1	1	0	0	1	0	2	0
065	Fluvanna County	0	0	4	4	7	1	0	5	3	5	5
067	Franklin County	1	0	22	7	22	1	11	13	3	7	3
069	Frederick County	2	0	22	9	21	1	2	5	5	11	0
071	Giles County	0	0	1	3	10	0	1	2	0	4	4
073	Gloucester County	1	0	9	1	12	0	2	1	2	4	6
075	Goochland County	1	0	10	4	9	0	3	6	0	6	12
077	Grayson County	0	0	4	1	7	0	2	6	3	5	2
079	Greene County	0	0	0	2	4	0	0	1	0	2	2
083	Halifax County	1	0	6	4	17	1	0	12	4	13	10
085	Hanover County	3	0	21	1	21	0	2	6	1	10	37
087	Henrico County	5	0	13	3	20	0	4	6	1	7	0

Supplemental Table 2. Number of Apparatus Owned Reported 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	3	16	1	0	7	2	9	7
091	Highland County	0	0	0	0	5	0	0	3	0	4	1
093	Isle of Wight County	1	0	0	4	11	1	5	3	2	4	3
095	James City County	1	0	9	7	8	1	2	1	2	2	11
097	King and Queen County	0	0	0	0	8	0	0	5	1	6	1
099	King George County	1	0	6	3	5	0	3	2	1	3	5
101	King William County	0	0	7	2	7	2	2	3	1	4	6
103	Lancaster County	1	0	0	0	1	0	0	1	0	1	2
105	Lee County	1	0	1	1	13	0	0	6	1	6	1
107	Loudoun County	7	0	18	8	28	0	3	15	6	12	27
109	Louisa County	1	0	6	6	14	2	2	7	1	8	6
111	Lunenburg County	0	0	5	3	6	0	0	6	2	4	2
113	Madison County	0	0	0	1	2	0	0	1	1	2	1
115	Mathews County	0	0	0	0	8	0	0	0	1	1	0
117	Mecklenburg County	2	0	0	3	22	0	0	6	1	9	12
119	Middlesex County	1	0	0	1	8	3	1	7	1	3	1
121	Montgomery County	3	1	2	16	17	2	6	7	2	12	3
125	Nelson County	1	0	9	3	17	0	0	8	1	9	6
127	New Kent County	0	0	6	0	4	1	1	3	2	3	0
131	Northampton County	2	0	3	2	7	0	1	8	0	3	2
133	Northumberland County	0	0	0	2	5	0	0	4	0	4	0
135	Nottoway County	1	0	1	1	8	0	0	4	3	3	4
137	Orange County	1	0	6	5	10	3	1	5	3	7	3
139	Page County	1	0	0	4	9	0	0	4	1	3	6
141	Patrick County	1	0	0	0	14	0	0	11	0	6	0
143	Pittsylvania County	1	0	18	3	31	0	1	21	2	16	4
145	Powhatan County	0	0	0	0	6	0	0	5	1	5	6
147	Prince Edward County	2	0	0	2	9	0	0	6	0	5	6
149	Prince George County	1	0	5	5	12	1	1	4	1	7	5
153	Prince William County	8	0	41	38	39	2	9	6	8	15	25
155	Pulaski County	1	0	0	7	14	1	1	4	1	7	7
157	Rappahannock County	0	0	7	3	8	0	0	5	0	8	4
159	Richmond County	0	0	0	0	3	0	0	3	0	1	2
161	Roanoke County	5	0	22	17	22	0	0	4	1	11	16
163	Rockbridge County	1	0	0	2	15	0	0	8	2	8	9
165	Rockingham County	2	0	2	5	25	0	0	11	5	11	17
167	Russell County	0	0	3	6	14	0	1	13	0	5	7
169	Scott County	0	0	4	5	16	1	0	8	2	9	4
171	Shenandoah County	3	0	15	4	22	0	3	3	0	8	20
173	Smyth County	0	0	3	2	17	3	2	4	3	7	3
175	Southampton County	0	0	4	0	17	0	1	4	3	4	3
177	Spotsylvania County	2	0	23	16	20	0	2	5	3	8	1

Supplemental Table 2. Number of Apparatus Owned Reported 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	22	13	20	1	3	3	0	9	0
181	Surry County	0	0	0	2	10	0	0	4	1	4	2
183	Sussex County	0	0	0	1	8	0	0	1	1	5	0
185	Tazewell County	2	0	9	10	27	0	3	14	3	4	7
187	Warren County	2	0	11	2	9	1	2	3	2	6	5
191	Washington County	2	0	3	5	19	0	1	9	4	11	11
193	Westmoreland County	1	0	0	0	9	0	3	6	1	5	7
195	Wise County	1	0	3	2	14	0	0	4	3	6	4
197	Wythe County	1	0	0	1	15	0	1	6	2	8	4
199	York County	0	0	9	1	8	2	1	1	1	2	39
510	Alexandria	4	0	7	12	9	0	3	0	1	0	1
515	Bedford	1	0	0	1	3	0	0	1	1	2	0
520	Bristol	2	0	0	1	3	1	0	0	0	0	6
530	Buena Vista	0	0	0	1	3	1	2	1	1	1	1
540	Charlottesville	2	0	0	4	7	0	0	0	0	0	1
550	Chesapeake	5	0	16	5	21	0	5	0	1	5	6
570	Colonial Heights	0	0	5	4	3	1	1	0	1	1	1
580	Covington	0	0	0	4	3	1	0	0	0	1	2
590	Danville	2	1	0	3	9	1	0	1	0	1	0
595	Emporia	1	0	0	0	3	0	1	1	1	1	2
600	Fairfax	1	0	4	3	4	0	2	0	1	0	2
610	Falls Church	1	0	2	0	2	0	0	0	0	0	4
620	Franklin	1	0	4	3	5	0	2	1	1	2	1
630	Fredericksburg	2	0	1	1	4	0	0	0	0	0	0
640	Galax	1	0	1	1	3	1	2	1	1	1	0
650	Hampton	3	0	16	1	17	1	3	0	1	1	4
660	Harrisonburg	3	0	0	1	7	0	1	0	1	1	1
670	Hopewell	1	0	2	1	5	0	1	0	1	0	1
678	Lexington	1	0	0	1	3	0	0	0	0	1	2
680	Lynchburg	3	0	9	4	11	0	3	1	1	2	0
683	Manassas	1	0	0	2	4	0	0	0	0	0	3
685	Manassas Park	0	0	2	2	2	1	0	0	0	0	0
690	Martinsville	0	0	3	3	3	1	0	0	0	0	0
700	Newport News	3	1	15	6	14	5	2	0	5	2	4
710	Norfolk	9	0	14	1	16	0	1	0	2	1	5
720	Norton	1	0	0	1	2	0	0	0	1	1	2
730	Petersburg	2	0	2	2	5	1	1	0	1	1	32
735	Poquoson	1	0	4	3	3	0	2	0	1	1	0
740	Portsmouth	3	0	9	2	12	2	2	0	2	1	2
750	Radford	1	0	0	1	3	0	0	0	0	1	6
760	Richmond	1	0	0	4	23	20	1	3	5	4	0
770	Roanoke	3	2	9	3	11	1	0	2	1	1	0

Supplemental Table 2. Number of Apparatus Owned Reported 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
775	Salem	1	0	4	4	5	0	1	0	1	0	0
790	Staunton	0	0	0	0	3	1	0	0	1	1	5
800	Suffolk	1	0	5	7	18	2	1	5	3	4	7
810	Virginia Beach	9	0	0	14	29	0	5	3	5	9	60
820	Waynesboro	1	0	0	1	4	0	0	0	0	0	2
830	Williamsburg	0	0	3	3	3	1	1	0	1	0	0
840	Winchester	2	0	6	1	6	0	0	0	0	0	12
Grand Total		197	7	688	487	1,501	82	161	516	206	606	744

Note: Data excludes individual fire department's information for localities when a consolidated survey response was also received. Fire administration departments could either report for their career fire service personnel only or for a fire service in their locality including both career and volunteer personnel. Volunteer fire departments could similarly report for all fire service personnel in their locality. When a consolidated survey response for a locality was received in order to reduce possible duplication, then any individual fire department responses in the same locality were excluded from quantitative data calculations.

Supplemental Table 3. Number of Equipment Owned Reported 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)
001	Accomack County	2	1	0	10	33	40	10
003	Albemarle County	0	1	0	147	325	167	145
005	Alleghany County	0	6	0	97	225	128	97
007	Amelia County	0	2	0	37	132	45	37
009	Amherst County	0	1	0	48	107	94	48
011	Appomattox County	0	0	0	31	75	95	31
013	Arlington County	2	21	70	250	640	102	250
015	Augusta County	4	10	0	150	300	250	200
017	Bath County	0	0	0	12	25	40	13
019	Bedford County	0	6	0	12	35	12	12
021	Bland County	0	5	1	47	73	67	32
023	Botetourt County	1	15	0	80	240	200	80
025	Brunswick County	1	2	4	115	144	118	106
027	Buchanan County	2	5	0	64	117	126	73
029	Buckingham County	0	3	0	48	115	55	55
031	Campbell County	0	7	0	190	287	288	186
033	Caroline County	5	22	0	236	238	147	238
035	Carroll County	0	2	0	105	106	90	102
036	Charles City County	0	0	0	16	30	20	20
037	Charlotte County	0	6	0	60	154	142	62
041	Chesterfield County	10	129	151	387	650	518	387
043	Clarke County	1	1	0	74	133	72	69
045	Craig County	0	4	0	45	115	63	43
047	Culpeper County	6	0	0	138	275	138	166
049	Cumberland County	0	12	0	47	85	34	47
051	Dickenson County	0	5	0	66	115	92	51
053	Dinwiddie County	0	1	0	105	225	130	105
057	Essex County	3	0	0	15	54	75	20
059	Fairfax County	7	140	350	1,060	3,573	3,000	938
061	Fauquier County	1	11	1	192	343	225	173
063	Floyd County	0	4	4	0	20	20	20
065	Fluvanna County	0	12	0	61	135	75	59
067	Franklin County	6	10	5	175	225	125	125
069	Frederick County	1	4	0	0	90	25	15
071	Giles County	0	5	0	59	130	73	67
073	Gloucester County	7	10	0	95	245	80	75
075	Goochland County	0	10	45	80	250	36	80
077	Grayson County	0	5	0	55	105	95	59
079	Greene County	0	0	0	23	52	34	35

Supplemental Table 3. Number of Equipment Owned Reported 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)
083	Halifax County	0	27	0	177	397	239	205
085	Hanover County	0	0	0	240	560	537	240
087	Henrico County	2	0	77	210	509	150	210
089	Henry County	6	8	4	127	241	102	131
091	Highland County	1	0	0	12	21	58	12
093	Isle of Wight County	0	8	0	78	161	102	100
095	James City County	0	5	38	108	240	238	108
097	King and Queen County	0	4	0	29	119	83	44
099	King George County	1	8	10	50	180	60	50
101	King William County	0	6	0	62	161	83	62
103	Lancaster County	0	1	0	18	50	19	18
105	Lee County	0	2	0	56	140	62	76
107	Loudoun County	26	152	402	572	1,487	1,104	640
109	Louisa County	0	9	5	100	236	117	147
111	Lunenburg County	0	3	0	60	140	148	60
113	Madison County	0	0	0	19	30	20	19
115	Mathews County	0	8	0	32	100	30	32
117	Mecklenburg County	0	6	0	106	265	178	119
119	Middlesex County	0	4	1	62	111	81	62
121	Montgomery County	7	11	0	147	228	239	142
125	Nelson County	0	8	0	99	210	144	114
127	New Kent County	4	1	9	50	30	80	50
131	Northampton County	0	0	0	46	106	55	48
133	Northumberland County	2	4	0	45	92	55	38
135	Nottoway County	0	6	0	82	133	73	62
137	Orange County	0	3	0	215	231	141	205
139	Page County	0	4	0	71	144	84	71
141	Patrick County	0	3	0	0	0	32	0
143	Pittsylvania County	1	13	1	228	481	525	221
145	Powhatan County	0	0	0	35	150	41	35
147	Prince Edward County	0	10	0	61	164	105	75
149	Prince George County	0	0	0	150	220	100	150
153	Prince William County	0	63	148	639	2,318	825	723
155	Pulaski County	0	10	1	107	223	144	118
157	Rappahannock County	3	10	0	91	162	101	81
159	Richmond County	0	2	0	21	50	13	48
161	Roanoke County	0	33	3	200	335	220	200
163	Rockbridge County	0	14	0	70	225	167	106
165	Rockingham County	6	11	2	229	419	253	229

Supplemental Table 3. Number of Equipment Owned Reported 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)
167	Russell County	1	7	0	72	181	151	82
169	Scott County	1	2	0	75	130	177	87
171	Shenandoah County	0	1	0	120	400	0	120
173	Smyth County	0	4	2	94	143	132	69
175	Southampton County	1	8	0	105	227	141	110
177	Spotsylvania County	0	12	10	220	330	400	220
179	Stafford County	0	0	112	340	500	330	340
181	Surry County	1	3	0	29	87	68	38
183	Sussex County	0	2	0	36	85	42	38
185	Tazewell County	0	6	2	152	251	177	166
187	Warren County	1	1	0	111	213	295	126
191	Washington County	7	4	0	172	234	195	162
193	Westmoreland County	0	1	0	53	135	78	67
195	Wise County	2	8	0	91	145	151	88
197	Wythe County	0	3	0	92	152	157	103
199	York County	21	1	0	109	146	225	103
510	Alexandria	1	0	9	0	160	100	150
515	Bedford	0	2	2	30	60	50	30
520	Bristol	15	10	0	44	45	31	44
530	Buena Vista	1	1	0	20	52	30	21
540	Charlottesville	15	3	2	68	230	89	68
550	Chesapeake	0	0	0	190	500	250	190
570	Colonial Heights	0	0	13	35	70	53	35
580	Covington	0	1	0	32	70	64	32
590	Danville	1	0	0	74	240	93	74
595	Emporia	0	0	0	20	45	50	20
600	Fairfax	0	7	13	60	150	50	60
610	Falls Church	0	0	5	30	50	20	30
620	Franklin	0	5	0	45	100	90	45
630	Fredericksburg	0	1	8	35	54	60	35
640	Galax	0	1	0	24	30	40	34
650	Hampton	2	26	26	0	407	133	159
660	Harrisonburg	8	5	8	30	83	50	55
670	Hopewell	3	0	0	25	41	16	25
678	Lexington	0	0	0	25	50	25	25
680	Lynchburg	6	1	30	100	200	110	100
683	Manassas	1	4	0	85	90	71	85
685	Manassas Park	0	0	8	22	46	20	22
690	Martinsville	3	0	0	36	40	40	36

Supplemental Table 3. Number of Equipment Owned Reported 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)
700	Newport News	0	12	74	212	350	520	212
710	Norfolk	2	110	110	180	200	180	180
720	Norton	0	0	0	18	32	15	18
730	Petersburg	1	10	0	54	108	74	54
735	Poquoson	0	3	0	30	36	36	30
740	Portsmouth	0	0	15	75	233	75	75
750	Radford	0	0	0	30	25	20	30
760	Richmond	1	70	70	248	800	321	248
770	Roanoke	1	2	7	125	270	175	125
775	Salem	6	3	0	25	67	35	25
790	Staunton	1	8	8	28	51	30	28
800	Suffolk	1	10	4	279	323	134	119
810	Virginia Beach	1	4	63	120	800	503	220
820	Waynesboro	1	4	0	45	42	43	45
830	Williamsburg	10	0	0	50	72	50	50
840	Winchester	0	0	0	50	125	52	50
Grand Total		234	1,301	1,933	13,606	30,996	20,461	14,185

Supplemental Table 3. Number of Equipment Owned Reported By Locality (cont.)

FIPS	County/City	Technical Rescue Equipment - Confined Space	Technical Rescue Equipment - Rope	Technical Rescue Equipment - Structural Collapse	Technical Rescue Equipment - Trench	Technical Rescue Equipment - Vehicle	Technical Rescue Equipment - Water	Thermal Imaging Cameras	Other Equipment
001	Accomack County	0	0	0	0	0	0	7	0
003	Albemarle County	0	14	0	0	12	11	12	0
005	Alleghany County	0	22	0	0	2	1	5	0
007	Amelia County	1	1	0	0	6	2	5	0
009	Amherst County	1	1	0	0	2	0	7	0
011	Appomattox County	0	4	0	0	3	0	2	0
013	Arlington County	1	1	1	1	2	2	14	0
015	Augusta County	1	1	0	1	1	0	3	0
017	Bath County	0	0	0	0	6	0	0	12
019	Bedford County	1	1	1	1	2	4	1	0
021	Bland County	0	3	0	0	1	0	2	0
023	Botetourt County	0	2	0	0	3	2	11	0
025	Brunswick County	1	13	1	1	13	1	6	0
027	Buchanan County	30	11	0	0	13	0	2	0
029	Buckingham County	0	2	2	0	3	1	2	0
031	Campbell County	0	5	0	0	14	1	12	0
033	Caroline County	0	21	0	0	33	5	8	0
035	Carroll County	0	7	0	0	9	3	5	0
036	Charles City County	0	0	0	0	1	0	0	0
037	Charlotte County	0	3	0	0	4	0	3	0
041	Chesterfield County	0	0	0	0	0	0	41	0
043	Clarke County	0	1	2	2	8	2	3	0
045	Craig County	0	14	0	0	4	2	2	1
047	Culpeper County	0	8	0	0	14	0	9	0
049	Cumberland County	0	0	0	0	1	0	1	0
051	Dickenson County	0	7	0	3	3	5	4	0
053	Dinwiddie County	0	2	0	0	5	0	6	0
057	Essex County	0	0	5	0	1	0	3	0
059	Fairfax County	73	66	92	146	0	499	98	0
061	Fauquier County	0	2	1	0	21	52	12	0
063	Floyd County	0	0	0	0	0	0	1	0
065	Fluvanna County	0	1	0	0	5	2	8	0
067	Franklin County	1	1	0	0	7	2	6	0
069	Frederick County	1	0	0	0	1	1	3	0
071	Giles County	0	2	0	0	1	1	5	0
073	Gloucester County	4	14	8	0	4	6	7	0
075	Goochland County	0	0	0	0	6	3	14	0
077	Grayson County	0	1	0	0	3	2	5	1

Supplemental Table 3. Number of Equipment Owned Reported By Locality (cont.)

FIPS	County/City	Technical Rescue Equipment - Confined Space	Technical Rescue Equipment - Rope	Technical Rescue Equipment - Structural Collapse	Technical Rescue Equipment - Trench	Technical Rescue Equipment - Vehicle	Technical Rescue Equipment - Water	Thermal Imaging Cameras	Other Equipment
079	Greene County	0	0	0	0	1	0	2	0
083	Halifax County	1	7	0	0	15	1	13	0
085	Hanover County	1	20	1	1	1	3	19	0
087	Henrico County	11	1	1	1	8	2	30	0
089	Henry County	0	1	0	0	7	0	8	0
091	Highland County	0	3	0	0	0	0	3	0
093	Isle of Wight County	0	4	0	0	11	4	7	0
095	James City County	1	1	1	1	1	0	4	0
097	King and Queen County	0	4	1	0	2	0	3	0
099	King George County	0	2	1	0	4	3	8	0
101	King William County	0	5	0	0	15	1	2	0
103	Lancaster County	0	1	0	0	0	0	0	0
105	Lee County	1	3	0	0	3	0	3	0
107	Loudoun County	0	80	7	6	43	32	35	0
109	Louisa County	0	5	0	0	9	4	9	0
111	Lunenburg County	0	0	0	0	13	0	3	0
113	Madison County	0	0	0	0	1	0	1	0
115	Mathews County	0	0	0	0	0	0	0	0
117	Mecklenburg County	0	2	0	0	4	1	8	2
119	Middlesex County	0	2	0	0	2	1	5	0
121	Montgomery County	1	17	0	0	3	23	16	0
125	Nelson County	2	6	0	4	6	1	4	2
127	New Kent County	0	0	0	0	2	0	2	0
131	Northampton County	0	1	0	0	3	0	3	0
133	Northumberland County	0	6	0	0	5	2	3	0
135	Nottoway County	0	2	1	0	3	0	4	0
137	Orange County	0	2	0	0	1	1	10	0
139	Page County	0	15	0	0	3	2	3	1
141	Patrick County	0	0	0	0	0	0	0	0
143	Pittsylvania County	0	10	0	0	19	2	14	1
145	Powhatan County	0	0	0	0	1	0	5	0
147	Prince Edward County	0	6	0	0	1	3	8	0
149	Prince George County	1	5	1	1	10	1	8	0
153	Prince William County	41	46	11	10	72	31	49	0
155	Pulaski County	0	2	0	0	6	2	7	0
157	Rappahannock County	0	4	0	0	4	2	4	0
159	Richmond County	0	0	0	0	0	0	2	0
161	Roanoke County	8	20	1	1	1	0	18	0

Supplemental Table 3. Number of Equipment Owned Reported By Locality (cont.)

FIPS	County/City	Technical Rescue Equipment - Confined Space	Technical Rescue Equipment - Rope	Technical Rescue Equipment - Structural Collapse	Technical Rescue Equipment - Trench	Technical Rescue Equipment - Vehicle	Technical Rescue Equipment - Water	Thermal Imaging Cameras	Other Equipment
163	Rockbridge County	0	2	0	0	17	5	5	0
165	Rockingham County	2	13	1	1	14	2	27	0
167	Russell County	1	2	1	0	9	1	7	0
169	Scott County	0	0	0	0	4	0	8	0
171	Shenandoah County	0	11	0	0	11	3	12	0
173	Smyth County	1	2	1	1	6	1	11	0
175	Southampton County	0	6	2	0	5	0	9	0
177	Spotsylvania County	1	5	1	1	10	4	18	0
179	Stafford County	0	20	0	0	16	3	15	0
181	Surry County	0	3	0	0	0	1	2	0
183	Sussex County	0	2	0	0	12	2	2	0
185	Tazewell County	0	7	0	1	10	5	7	18
187	Warren County	0	2	0	0	3	3	8	0
191	Washington County	0	10	0	0	9	3	8	1
193	Westmoreland County	0	10	0	0	11	5	4	0
195	Wise County	0	5	1	3	11	4	4	0
197	Wythe County	0	0	0	0	2	0	5	0
199	York County	1	1	1	1	3	1	12	0
510	Alexandria	1	1	1	1	1	0	3	0
515	Bedford	1	2	0	0	1	0	2	0
520	Bristol	1	1	1	1	1	2	5	2
530	Buena Vista	1	1	1	1	2	16	2	0
540	Charlottesville	0	0	0	0	2	10	11	0
550	Chesapeake	0	0	0	0	0	0	20	0
570	Colonial Heights	1	1	1	1	3	0	3	0
580	Covington	0	0	0	0	0	0	2	0
590	Danville	1	1	0	0	1	0	5	0
595	Emporia	0	0	0	0	2	0	2	0
600	Fairfax	0	10	0	0	4	2	6	0
610	Falls Church	0	0	0	0	5	0	2	0
620	Franklin	1	1	0	1	4	0	4	0
630	Fredericksburg	1	1	0	0	1	1	3	0
640	Galax	0	1	0	0	1	1	3	0
650	Hampton	1	2	1	1	22	1	6	0
660	Harrisonburg	1	1	1	1	1	0	6	0
670	Hopewell	1	1	1	1	1	1	2	0
678	Lexington	0	3	0	0	2	0	2	0
680	Lynchburg	1	1	1	1	1	1	10	0

Supplemental Table 3. Number of Equipment Owned Reported By Locality (cont.)

FIPS	County/City	Technical Rescue Equipment - Confined Space	Technical Rescue Equipment - Rope	Technical Rescue Equipment - Structural Collapse	Technical Rescue Equipment - Trench	Technical Rescue Equipment - Vehicle	Technical Rescue Equipment - Water	Thermal Imaging Cameras	Other Equipment
683	Manassas	0	1	0	0	1	0	3	0
685	Manassas Park	0	0	0	0	2	0	1	0
690	Martinsville	0	3	0	0	0	0	1	0
700	Newport News	0	0	0	0	0	0	25	1
710	Norfolk	2	2	2	2	2	2	10	0
720	Norton	0	0	0	0	1	0	2	0
730	Petersburg	0	0	0	0	0	1	1	0
735	Poquoson	0	0	0	0	0	0	3	0
740	Portsmouth	0	0	0	0	0	0	15	0
750	Radford	1	4	0	0	2	2	2	0
760	Richmond	1	4	1	1	3	2	8	0
770	Roanoke	6	3	1	1	1	2	9	0
775	Salem	1	0	0	0	0	1	4	0
790	Staunton	2	1	1	0	1	0	3	0
800	Suffolk	0	2	0	0	1	0	8	0
810	Virginia Beach	2	8	2	2	2	1	40	0
820	Waynesboro	0	0	0	0	2	0	5	0
830	Williamsburg	2	2	2	0	1	1	3	0
840	Winchester	0	0	0	0	0	0	5	0
Grand Total		218	673	164	203	721	822	1,069	42

Note: Data excludes individual fire department's information for localities when a consolidated survey response was also received. Fire administration departments could either report for their career fire service personnel only or for all fire service in their locality including both career and volunteer personnel. Volunteer fire departments could similarly report for all fire service personnel in their locality. When a consolidated survey response for a locality was received, in order to reduce possible duplication, then any individual fire department responses in the same locality were excluded from quantitative data calculations.

Supplemental Table 4. #1 Top Need / Total Estimated Costs Summary Reported By Locality

FIPS	County/City	Apparatus	Equipment	Facilities	Personnel	Training	Population	Total Estimated Costs	Per Capita
001	Accomack County	21%	7%	14%	36%	21%	38,305	\$999,998	\$26.11
003	Albemarle County	0%	0%	25%	50%	25%	79,236	\$5,649,995	\$71.31
005	Alleghany County	17%	17%	33%	17%	17%	17,215	\$3,574,995	\$207.67
007	Amelia County	0%	0%	0%	67%	33%	11,400	\$299,999	\$26.32
009	Amherst County	25%	0%	50%	25%	0%	31,894	\$7,312,496	\$229.27
011	Appomattox County	100%	0%	0%	0%	0%	13,705	\$262,500	\$19.15
013	Arlington County	0%	0%	0%	0%	100%	189,453	\$11,637,499	\$61.43
015	Augusta County	21%	14%	0%	64%	0%	65,615	\$1,474,998	\$22.48
017	Bath County	0%	0%	0%	0%	100%	5,048	\$62,500	\$12.38
019	Bedford County	9%	0%	27%	55%	9%	60,371	\$4,762,498	\$78.89
021	Bland County	0%	60%	0%	20%	20%	6,871	\$1,124,996	\$163.73
023	Botetourt County	14%	29%	14%	29%	14%	30,496	\$1,524,998	\$50.01
025	Brunswick County	29%	14%	14%	43%	0%	18,419	\$4,562,491	\$247.71
027	Buchanan County	17%	17%	17%	17%	33%	26,978	\$2,112,493	\$78.30
029	Buckingham County	25%	25%	25%	25%	0%	15,623	\$1,149,996	\$73.61
031	Campbell County	38%	13%	25%	25%	0%	51,078	\$4,937,492	\$96.67
033	Caroline County	0%	17%	50%	17%	17%	22,121	\$12,299,991	\$556.03
035	Carroll County	67%	0%	0%	0%	33%	29,245	\$1,462,495	\$50.01
036	Charles City County	0%	0%	0%	100%	0%	6,926	\$174,999	\$25.27
037	Charlotte County	0%	33%	33%	17%	17%	12,472	\$2,724,994	\$218.49
041	Chesterfield County	100%	0%	0%	0%	0%	259,903	\$12,874,998	\$49.54
043	Clarke County	20%	20%	0%	60%	0%	12,652	\$1,449,993	\$114.61
045	Craig County	20%	40%	0%	40%	0%	5,091	\$437,499	\$85.94
047	Culpeper County	43%	29%	14%	14%	0%	34,262	\$22,437,490	\$654.88
049	Cumberland County	33%	33%	0%	0%	33%	9,017	\$125,000	\$13.86
051	Dickenson County	50%	50%	0%	0%	0%	16,395	\$437,498	\$26.68
053	Dinwiddie County	0%	25%	0%	75%	0%	24,533	\$4,012,499	\$163.56
057	Essex County	100%	0%	0%	0%	0%	9,989	\$249,999	\$25.03
059	Fairfax County	0%	0%	0%	100%	0%	969,749	\$12,000,000	\$12.37
061	Fauquier County	25%	0%	13%	38%	25%	55,139	\$16,874,987	\$306.04
063	Floyd County	33%	33%	33%	0%	0%	13,874	\$62,500	\$4.50
065	Fluvanna County	0%	25%	50%	25%	0%	20,047	\$4,287,498	\$213.87
067	Franklin County	25%	0%	38%	38%	0%	47,286	\$5,549,998	\$117.37
069	Frederick County	13%	13%	25%	50%	0%	59,209	\$4,812,498	\$81.28
071	Giles County	40%	40%	0%	0%	20%	16,657	\$1,862,498	\$111.81
073	Gloucester County	0%	50%	0%	50%	0%	34,780	\$1,349,996	\$38.82
075	Goochland County	0%	0%	0%	100%	0%	16,863	\$8,474,998	\$502.58
077	Grayson County	25%	0%	0%	75%	0%	17,917	\$537,497	\$30.00
079	Greene County	0%	0%	0%	0%	100%	15,244	\$549,998	\$36.08
083	Halifax County	42%	0%	17%	33%	8%	37,355	\$2,049,991	\$54.88
085	Hanover County	23%	0%	0%	54%	23%	86,320	\$11,724,999	\$135.83

Supplemental Table 4. #1 Top Need / Total Estimated Costs Summary Reported By Locality

FIPS	County/City	Apparatus	Equipment	Facilities	Personnel	Training	Population	Total Estimated Costs	Per Capita
087	Henrico County	0%	0%	100%	0%	0%	262,300	\$16,549,999	\$63.10
089	Henry County	38%	13%	13%	25%	13%	57,930	\$7,699,990	\$132.92
091	Highland County	0%	0%	0%	50%	50%	2,536	\$399,998	\$157.73
093	Isle of Wight County	0%	20%	40%	20%	20%	29,728	\$8,412,495	\$282.98
095	James City County	0%	0%	0%	100%	0%	48,102	\$13,812,498	\$287.15
097	King and Queen County	25%	0%	25%	25%	25%	6,630	\$349,998	\$52.79
099	King George County	0%	0%	0%	100%	0%	16,803	\$4,874,998	\$290.13
101	King William County	25%	0%	0%	50%	25%	13,146	\$1,949,995	\$148.33
103	Lancaster County	0%	0%	0%	0%	100%	11,567	\$299,999	\$25.94
105	Lee County	14%	14%	43%	0%	29%	23,589	\$1,212,494	\$51.40
107	Loudoun County	9%	0%	18%	64%	9%	169,599	\$28,774,984	\$169.66
109	Louisa County	13%	0%	0%	88%	0%	25,627	\$2,912,493	\$113.65
111	Lunenburg County	67%	0%	0%	0%	33%	13,146	\$737,499	\$56.10
113	Madison County	0%	0%	0%	100%	0%	12,520	\$62,500	\$4.99
115	Mathews County	0%	0%	100%	0%	0%	9,207	\$462,499	\$50.23
117	Mecklenburg County	25%	13%	13%	25%	25%	32,380	\$2,224,993	\$68.72
119	Middlesex County	25%	25%	0%	0%	50%	9,932	\$1,774,996	\$178.71
121	Montgomery County	40%	0%	20%	20%	20%	83,629	\$4,749,994	\$56.80
125	Nelson County	29%	0%	14%	29%	29%	14,445	\$3,837,493	\$265.66
127	New Kent County	0%	0%	0%	100%	0%	13,462	\$2,112,498	\$156.92
131	Northampton County	0%	20%	20%	60%	0%	13,093	\$2,487,495	\$189.99
133	Northumberland County	0%	0%	50%	0%	50%	12,259	\$837,498	\$68.32
135	Nottoway County	33%	33%	0%	33%	0%	15,725	\$924,998	\$58.82
137	Orange County	33%	0%	17%	50%	0%	25,881	\$7,712,493	\$298.00
139	Page County	25%	25%	0%	0%	50%	23,177	\$7,412,494	\$319.82
141	Patrick County	30%	20%	10%	20%	20%	19,407	\$249,999	\$12.88
143	Pittsylvania County	13%	6%	6%	50%	25%	61,745	\$5,312,486	\$86.04
145	Powhatan County	0%	0%	17%	17%	67%	22,377	\$4,287,498	\$191.60
147	Prince Edward County	0%	0%	25%	0%	75%	19,720	\$737,497	\$37.40
149	Prince George County	0%	0%	0%	100%	0%	33,047	\$2,674,998	\$80.95
153	Prince William County	0%	9%	0%	73%	18%	280,813	\$27,199,977	\$96.86
155	Pulaski County	0%	14%	29%	14%	43%	35,127	\$2,174,996	\$61.92
157	Rappahannock County	17%	0%	33%	50%	0%	6,983	\$2,574,992	\$368.75
159	Richmond County	0%	100%	0%	0%	0%	8,809	\$462,499	\$52.50
161	Roanoke County	20%	40%	0%	40%	0%	85,778	\$13,749,999	\$160.30
163	Rockbridge County	63%	13%	0%	13%	13%	20,808	\$5,937,490	\$285.35
165	Rockingham County	18%	9%	27%	36%	9%	67,725	\$9,699,988	\$143.23
167	Russell County	43%	14%	0%	14%	29%	30,308	\$4,749,991	\$156.72
169	Scott County	29%	29%	14%	14%	14%	23,403	\$1,174,996	\$50.21
171	Shenandoah County	14%	14%	14%	14%	43%	35,075	\$1,474,998	\$42.05
173	Smyth County	17%	50%	17%	17%	0%	33,081	\$812,497	\$24.56

Supplemental Table 4. #1 Top Need / Total Estimated Costs Summary Reported By Locality

FIPS	County/City	Apparatus	Equipment	Facilities	Personnel	Training	Population	Total Estimated Costs	Per Capita
175	Southampton County	25%	38%	0%	13%	25%	17,482	\$1,924,995	\$110.11
177	Spotsylvania County	33%	0%	0%	33%	33%	90,395	\$6,662,498	\$73.70
179	Stafford County	0%	0%	20%	80%	0%	92,446	\$13,849,999	\$149.82
181	Surry County	67%	0%	0%	0%	33%	6,829	\$874,998	\$128.13
183	Sussex County	33%	0%	33%	0%	33%	12,504	\$324,999	\$25.99
185	Tazewell County	43%	21%	14%	21%	0%	44,598	\$7,124,989	\$159.76
187	Warren County	0%	0%	0%	100%	0%	31,584	\$5,374,991	\$170.18
191	Washington County	38%	13%	13%	25%	13%	51,103	\$4,162,490	\$81.45
193	Westmoreland County	25%	25%	0%	25%	25%	16,718	\$1,737,495	\$103.93
195	Wise County	33%	33%	17%	17%	0%	40,123	\$3,274,990	\$81.62
197	Wythe County	33%	17%	0%	0%	50%	27,599	\$4,474,992	\$162.14
199	York County	0%	0%	0%	100%	0%	56,297	\$3,149,998	\$55.95
510	Alexandria	0%	0%	100%	0%	0%	128,283	\$4,424,998	\$34.49
515	Bedford	0%	0%	0%	0%	100%	6,299	\$112,500	\$17.86
520	Bristol	0%	0%	0%	100%	0%	17,367	\$2,149,998	\$123.80
530	Buena Vista	100%	0%	0%	0%	0%	6,349	\$324,999	\$51.19
540	Charlottesville	0%	0%	100%	0%	0%	45,049	\$7,787,498	\$172.87
550	Chesapeake	0%	0%	0%	0%	100%	199,184	\$9,499,999	\$47.69
570	Colonial Heights	0%	0%	0%	0%	100%	16,897	\$1,899,998	\$112.45
580	Covington	0%	0%	0%	0%	100%	6,303	\$400,000	\$63.46
590	Danville	0%	0%	0%	100%	0%	48,411	\$10,487,498	\$216.63
595	Emporia	100%	0%	0%	0%	0%	17,225	\$87,500	\$5.08
600	Fairfax	0%	100%	0%	0%	0%	21,498	\$10,337,498	\$480.86
610	Falls Church	0%	100%	0%	0%	0%	10,377	\$624,999	\$60.23
620	Franklin	0%	0%	0%	50%	50%	8,346	\$724,998	\$86.87
630	Fredericksburg	100%	0%	0%	0%	0%	19,279	\$1,974,998	\$102.44
640	Galax	0%	0%	0%	100%	0%	6,837	\$237,499	\$34.74
650	Hampton	0%	0%	0%	100%	0%	146,437	\$6,474,998	\$44.22
660	Harrisonburg	100%	0%	0%	0%	0%	40,468	\$2,062,498	\$50.97
670	Hopewell	0%	0%	0%	100%	0%	22,354	\$2,849,998	\$127.49
678	Lexington	0%	100%	0%	0%	0%	6,867	\$75,000	\$10.92
680	Lynchburg	0%	0%	100%	0%	0%	65,269	\$3,174,998	\$48.64
683	Manassas	0%	0%	0%	0%	100%	35,135	\$2,399,998	\$68.31
685	Manassas Park	0%	0%	0%	100%	0%	10,290	\$1,787,500	\$173.71
690	Martinsville	100%	0%	0%	0%	0%	15,416	\$2,212,499	\$143.52
700	Newport News	0%	0%	0%	100%	0%	180,150	\$15,424,999	\$85.62
710	Norfolk	0%	0%	100%	0%	0%	234,403	\$6,599,998	\$28.16
720	Norton	0%	0%	100%	0%	0%	3,904	\$162,499	\$41.62
730	Petersburg	0%	0%	0%	100%	0%	33,740	\$14,174,999	\$420.12
735	Poquoson	0%	0%	0%	100%	0%	11,566	\$649,998	\$56.20
740	Portsmouth	0%	0%	0%	100%	0%	100,565	\$10,162,499	\$101.05

Supplemental Table 4. #1 Top Need / Total Estimated Costs Summary Reported By Locality

FIPS	County/City	Apparatus	Equipment	Facilities	Personnel	Training	Population	Total Estimated Costs	Per Capita
750	Radford	0%	0%	0%	100%	0%	15,859	\$925,000	\$58.33
760	Richmond	0%	0%	100%	0%	0%	197,790	\$17,000,000	\$85.95
770	Roanoke	100%	0%	0%	0%	0%	94,911	\$5,174,998	\$54.52
775	Salem	0%	0%	0%	100%	0%	24,747	\$4,599,998	\$185.88
790	Staunton	0%	0%	0%	100%	0%	23,853	\$2,174,999	\$91.18
800	Suffolk	0%	40%	0%	40%	20%	63,677	\$8,824,996	\$138.59
810	Virginia Beach	0%	0%	100%	0%	0%	425,257	\$2,174,999	\$5.11
820	Waynesboro	0%	0%	0%	100%	0%	19,520	\$3,237,498	\$165.86
830	Williamsburg	0%	0%	100%	0%	0%	11,998	\$2,624,998	\$218.79
840	Winchester	0%	0%	0%	100%	0%	23,585	\$7,162,498	\$303.69
Grand Total		21%	13%	14%	35%	16%	7,078,515	\$612,261,989	\$86.50

Note: Data excludes individual fire department's information for localities when a consolidated survey response was also received. Fire administration departments could either report for their career fire service personnel only or for all fire service in their locality including both career and volunteer personnel. Volunteer fire departments could similarly report for all fire service personnel in their locality. When a consolidated survey response for a locality was received, in order to reduce possible duplication, then any individual fire department responses in the same locality were excluded from quantitative data calculations.

Note: Greenville County (FIPS 081) is not listed above, since their emergency response is handled by Emporia Fire Dept. (FDID 59500) and Jarrett Vol. Fire Dept. (FDID 18301). The census population for Empori (FIPS 595) includes the population for Greenville County.

Supplemental Table 5. Number of Apparatus Needed Reported 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	Accomack County	0	0	1	2	0	0	0	0	0	0	0
003	Albemarle County	0	0	0	3	2	1	0	2	0	0	0
005	Alleghany County	1	0	0	1	0	0	0	1	0	1	0
007	Amelia County	0	0	0	2	1	0	0	0	0	0	0
009	Amherst County	0	0	0	0	0	2	0	0	0	0	0
011	Appomattox County	0	0	1	0	1	0	0	1	0	1	0
013	Arlington County	0	0	5	0	7	0	0	0	0	0	0
015	Augusta County	0	0	2	1	0	1	0	0	0	0	0
017	Bath County	0	0	0	0	0	0	0	0	0	1	0
019	Bedford County	0	0	0	2	0	1	0	0	0	2	0
021	Bland County	0	0	0	1	2	0	0	0	0	1	1
023	Botetourt County	0	0	0	0	0	0	0	0	0	0	0
025	Brunswick County	0	1	1	1	4	0	0	3	1	4	0
027	Buchanan County	1	0	0	0	4	1	0	2	0	2	1
029	Buckingham County	0	0	0	0	1	0	0	1	0	0	0
031	Campbell County	0	0	0	3	2	0	0	2	4	3	0
033	Caroline County	1	0	2	3	2	0	0	0	0	1	2
035	Carroll County	0	0	1	0	6	1	1	4	1	1	0
036	Charles City County	0	0	0	0	0	1	0	1	0	1	2
037	Charlotte County	0	0	0	4	4	0	0	0	0	1	1
041	Chesterfield County	0	1	3	0	10	0	0	0	0	0	0
043	Clarke County	0	0	1	2	2	0	1	1	1	0	0
045	Craig County	0	0	0	0	2	0	0	1	0	3	1
047	Culpeper County	0	0	3	3	4	0	0	1	0	2	2
049	Cumberland County	0	0	0	0	0	0	0	1	0	0	0
051	Dickenson County	1	0	0	1	1	0	0	1	0	1	0
053	Dinwiddie County	0	0	1	1	0	0	0	0	1	1	0
057	Essex County	0	0	0	0	1	0	0	1	0	1	0
059	Fairfax County	1	0	7	0	2	0	0	0	2	0	0
061	Fauquier County	2	0	4	1	3	0	0	0	2	1	1
063	Floyd County	0	0	0	1	0	1	0	1	0	0	0
065	Fluvanna County	0	0	0	0	1	0	0	0	0	0	0
067	Franklin County	0	0	0	0	0	0	0	0	0	0	0
069	Frederick County	0	0	2	0	1	0	0	0	0	0	1
071	Giles County	0	0	0	2	3	0	1	2	0	1	0
073	Gloucester County	0	0	1	0	1	0	0	0	0	0	0
075	Goochland County	1	0	2	1	1	0	1	0	0	1	0
077	Grayson County	0	0	1	0	0	0	2	2	0	3	0
079	Greene County	0	0	0	0	0	0	0	1	0	0	0
083	Halifax County	0	0	2	2	4	0	0	3	0	7	0
085	Hanover County	0	0	1	3	6	0	0	0	0	0	0
087	Henrico County	2	1	2	1	3	0	1	0	1	0	0

Supplemental Table 5. Number of Apparatus Needed Reported 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	2	3	0	0	1	2	2	1
091	Highland County	0	0	0	0	1	0	0	0	0	0	1
093	Isle of Wight County	0	0	2	0	2	0	1	0	2	0	1
095	James City County	0	0	1	0	0	0	0	0	1	0	0
097	King and Queen County	0	1	0	0	0	0	0	1	0	2	0
099	King George County	0	0	0	0	0	0	0	1	1	0	0
101	King William County	0	0	2	0	1	1	0	1	0	0	0
103	Lancaster County	0	0	0	1	1	0	0	0	0	0	1
105	Lee County	0	0	1	1	3	0	0	1	3	2	3
107	Loudoun County	0	0	6	2	4	0	0	5	0	0	5
109	Louisa County	0	0	2	2	2	0	2	3	0	1	1
111	Lunenburg County	0	0	0	0	2	0	0	0	0	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	0	0
117	Mecklenburg County	0	0	0	0	5	1	0	3	0	2	0
119	Middlesex County	1	0	0	1	1	0	2	2	0	1	0
121	Montgomery County	0	0	1	3	3	0	1	0	0	0	0
125	Nelson County	0	0	3	1	1	0	0	1	1	0	1
127	New Kent County	0	0	1	1	0	0	0	0	0	1	0
131	Northampton County	1	0	0	1	1	0	0	0	1	1	0
133	Northumberland County	0	0	0	0	1	0	0	0	1	0	0
135	Nottoway County	1	0	0	0	1	0	0	0	0	1	0
137	Orange County	0	0	0	1	4	0	0	2	0	1	0
139	Page County	0	0	1	3	0	0	0	0	0	0	1
141	Patrick County	0	0	0	0	2	0	0	2	0	0	0
143	Pittsylvania County	1	0	3	4	4	2	1	5	2	6	1
145	Powhatan County	0	0	0	0	1	0	0	0	0	0	0
147	Prince Edward County	0	0	0	1	1	0	0	0	0	2	0
149	Prince George County	0	0	1	0	0	0	0	1	0	0	0
153	Prince William County	2	0	5	5	5	0	0	1	1	0	1
155	Pulaski County	1	0	0	2	4	0	2	0	1	1	0
157	Rappahannock County	0	0	1	2	2	0	0	2	0	1	2
159	Richmond County	0	0	0	0	0	0	0	1	0	0	0
161	Roanoke County	0	0	1	2	3	0	0	2	1	1	0
163	Rockbridge County	0	0	2	0	4	0	0	4	1	2	2
165	Rockingham County	0	0	0	1	1	1	0	3	0	1	1
167	Russell County	1	0	0	1	3	1	0	2	1	3	4
169	Scott County	0	1	1	1	4	0	0	3	0	3	0
171	Shenandoah County	0	0	0	0	0	0	0	0	0	2	3
173	Smyth County	1	0	1	1	0	0	0	2	0	2	0
175	Southampton County	0	0	0	0	1	0	0	0	0	4	0
177	Spotsylvania County	0	0	4	0	2	0	0	0	0	0	0

Supplemental Table 5. Number of Apparatus Needed Reported 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	0	0	0	0	2	0	3	0	2	0	0
181	Surry County	0	0	0	0	2	0	1	1	0	1	0
183	Sussex County	0	0	0	0	0	0	0	0	0	2	0
185	Tazewell County	2	0	2	0	3	0	0	7	1	4	0
187	Warren County	1	0	1	0	2	0	0	1	0	1	0
191	Washington County	0	0	0	3	2	1	1	1	0	2	1
193	Westmoreland County	1	0	0	1	1	0	1	0	0	1	0
195	Wise County	1	0	0	0	1	0	1	4	1	2	1
197	Wythe County	1	0	0	0	2	2	0	1	0	3	0
199	York County	0	0	0	0	0	0	1	1	0	2	0
510	Alexandria	2	0	2	4	3	1	0	0	0	0	0
515	Bedford	0	0	0	0	0	0	0	1	0	1	0
520	Bristol	0	0	0	0	0	0	0	0	0	0	1
530	Buena Vista	0	0	0	0	1	0	0	0	1	0	0
540	Charlottesville	0	0	0	0	0	0	0	0	0	0	1
550	Chesapeake	0	0	2	4	10	0	1	0	0	3	15
570	Colonial Heights	0	0	0	2	0	0	0	0	1	0	0
580	Covington	0	0	0	0	0	0	0	1	0	0	0
590	Danville	0	0	0	0	0	1	0	0	1	0	0
595	Emporia	0	0	0	0	1	0	0	0	0	0	0
600	Fairfax	0	0	1	0	0	0	0	0	0	0	0
610	Falls Church	0	0	0	0	0	0	0	0	0	0	0
620	Franklin	0	0	0	0	1	0	0	0	1	0	0
630	Fredericksburg	1	0	1	0	1	0	0	0	0	0	0
640	Galax	0	0	0	0	0	0	0	0	0	1	0
650	Hampton	0	0	2	0	1	0	0	1	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
678	Lexington	0	0	0	0	0	0	0	0	0	0	0
680	Lynchburg	0	0	2	2	0	0	0	1	1	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	0	0	1	0	0	0	0	0	0
700	Newport News	0	0	3	0	2	0	0	0	0	0	1
710	Norfolk	1	0	2	0	4	0	1	0	0	0	0
720	Norton	0	0	0	1	0	0	0	0	0	0	1
730	Petersburg	1	0	4	2	2	2	1	0	1	1	0
735	Poquoson	0	0	1	1	0	0	1	0	1	0	0
740	Portsmouth	0	0	0	3	2	0	0	0	0	0	0
750	Radford	1	0	0	0	0	0	0	0	0	0	0
760	Richmond	0	0	0	0	0	0	0	0	0	0	0
770	Roanoke	0	0	2	0	0	1	0	0	0	0	0

Supplemental Table 5. Number of Apparatus Needed Reported 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
775	Salem	0	0	0	0	0	0	0	0	0	0	1
790	Staunton	0	0	0	0	0	0	0	0	0	0	0
800	Suffolk	1	0	2	1	3	0	0	2	1	2	0
810	Virginia Beach	0	0	0	2	4	0	0	1	0	0	0
820	Waynesboro	0	0	0	0	1	0	0	0	0	0	0
830	Williamsburg	0	0	0	1	1	0	0	0	0	0	0
840	Winchester	0	0	1	0	0	0	0	0	0	0	0
Grand Total		34	5	112	109	209	23	28	104	44	109	63

Note: Data excludes individual fire department's information for localities when a consolidated survey response was also received. Fire administration departments could either report for their career fire service personnel only or for a fire service in their locality including both career and volunteer personnel. Volunteer fire departments could similarly report for all fire service personnel in their locality. When a consolidated survey response for a locality was received in order to reduce possible duplication, then any individual fire department responses in the same locality were excluded from quantitative data calculations.

Supplemental Table 6. Number of Equipment Needed Reported 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)
001	Accomack County	0	0	18	10	10	0	10
003	Albemarle County	2	16	16	0	38	10	8
005	Alleghany County	0	0	0	32	30	63	32
007	Amelia County	0	3	0	0	0	0	5
009	Amherst County	6	17	8	0	0	0	12
011	Appomattox County	0	1	0	0	0	0	0
013	Arlington County	0	0	0	0	100	0	250
015	Augusta County	0	25	0	0	150	100	100
017	Bath County	0	0	0	0	0	0	0
019	Bedford County	0	0	0	0	12	0	0
021	Bland County	3	6	2	17	83	43	40
023	Botetourt County	0	0	0	0	0	0	0
025	Brunswick County	3	10	12	30	63	79	30
027	Buchanan County	1	5	0	10	35	30	26
029	Buckingham County	0	0	0	25	5	0	25
031	Campbell County	2	16	9	5	22	62	19
033	Caroline County	7	13	16	0	15	33	0
035	Carroll County	6	2	1	0	20	30	10
036	Charles City County	0	5	0	10	10	15	12
037	Charlotte County	2	7	13	0	70	40	19
041	Chesterfield County	0	8	15	125	125	40	0
043	Clarke County	0	11	2	20	35	26	44
045	Craig County	0	7	6	0	15	28	4
047	Culpeper County	4	19	3	45	50	26	45
049	Cumberland County	0	0	0	0	20	6	0
051	Dickenson County	0	10	13	20	10	12	15
053	Dinwiddie County	0	5	0	0	0	5	0
057	Essex County	0	0	5	5	0	0	5
059	Fairfax County	0	5	0	0	40	0	0
061	Fauquier County	0	22	52	25	88	22	65
063	Floyd County	0	0	0	0	6	10	0
065	Fluvanna County	1	0	7	0	0	25	0
067	Franklin County	0	0	0	0	0	0	0
069	Frederick County	1	1	0	15	15	25	40
071	Giles County	0	10	0	22	50	15	20
073	Gloucester County	0	0	0	10	30	0	10
075	Goochland County	8	0	0	0	0	10	100
077	Grayson County	2	15	7	4	41	85	4
079	Greene County	0	4	0	3	5	4	0

Supplemental Table 6. Number of Equipment Needed Reported 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)
083	Halifax County	0	11	0	49	105	57	77
085	Hanover County	0	0	0	0	10	0	0
087	Henrico County	3	50	0	0	3	0	250
089	Henry County	45	17	10	0	55	88	15
091	Highland County	0	1	0	30	0	0	10
093	Isle of Wight County	0	54	53	196	306	50	196
095	James City County	0	0	0	108	34	0	108
097	King and Queen County	0	1	0	26	10	44	31
099	King George County	0	0	0	0	50	0	0
101	King William County	1	4	7	16	90	15	46
103	Lancaster County	2	5	6	8	6	0	6
105	Lee County	1	10	7	45	55	54	31
107	Loudoun County	8	29	116	0	135	5	35
109	Louisa County	0	8	9	20	48	39	37
111	Lunenburg County	0	6	1	10	29	83	0
113	Madison County	0	0	0	0	7	0	0
115	Mathews County	0	0	0	0	0	10	0
117	Mecklenburg County	0	6	0	20	60	105	23
119	Middlesex County	0	5	0	35	0	10	35
121	Montgomery County	0	6	6	15	53	25	50
125	Nelson County	1	0	6	20	30	0	26
127	New Kent County	0	0	0	0	0	0	0
131	Northampton County	0	10	2	0	6	0	12
133	Northumberland County	0	7	0	0	20	12	0
135	Nottoway County	0	0	1	0	7	85	0
137	Orange County	0	8	5	0	24	50	11
139	Page County	1	1	0	20	25	40	20
141	Patrick County	1	11	11	0	0	0	0
143	Pittsylvania County	18	17	12	16	93	180	47
145	Powhatan County	0	0	0	0	0	0	0
147	Prince Edward County	10	4	0	0	40	54	5
149	Prince George County	0	20	20	25	50	25	25
153	Prince William County	0	14	2	40	110	185	5
155	Pulaski County	2	1	0	0	15	3	0
157	Rappahannock County	3	15	11	15	25	49	9
159	Richmond County	0	0	0	0	15	0	0
161	Roanoke County	0	5	9	0	5	0	0
163	Rockbridge County	0	11	1	20	5	92	15
165	Rockingham County	1	19	8	30	31	40	30

Supplemental Table 6. Number of Equipment Needed Reported 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)
167	Russell County	1	24	14	54	115	98	86
169	Scott County	0	10	7	2	36	47	52
171	Shenandoah County	1	4	14	0	0	30	0
173	Smyth County	0	2	0	10	26	50	61
175	Southampton County	1	14	3	21	106	13	21
177	Spotsylvania County	0	0	0	0	25	12	3
179	Stafford County	10	0	50	0	50	0	0
181	Surry County	1	2	0	5	12	14	5
183	Sussex County	1	0	0	0	0	10	0
185	Tazewell County	6	14	10	39	57	125	49
187	Warren County	2	19	0	0	30	14	14
191	Washington County	0	13	8	0	50	10	15
193	Westmoreland County	1	5	4	40	30	25	14
195	Wise County	0	15	0	15	40	35	28
197	Wythe County	1	14	0	15	61	81	11
199	York County	1	0	40	0	25	1	0
510	Alexandria	0	0	0	0	0	0	0
515	Bedford	0	0	2	0	0	0	0
520	Bristol	0	0	0	0	0	0	0
530	Buena Vista	1	2	1	0	0	6	0
540	Charlottesville	0	12	20	0	0	0	0
550	Chesapeake	0	35	50	235	100	20	235
570	Colonial Heights	0	1	2	0	10	5	0
580	Covington	1	2	2	0	10	0	0
590	Danville	0	13	13	0	0	0	0
595	Emporia	0	0	0	0	0	0	0
600	Fairfax	0	0	0	0	10	5	0
610	Falls Church	0	0	0	0	0	0	30
620	Franklin	0	1	9	0	10	0	0
630	Fredericksburg	0	0	8	0	5	0	10
640	Galax	0	1	0	0	0	0	0
650	Hampton	0	26	26	0	0	30	0
660	Harrisonburg	0	0	0	0	0	0	0
670	Hopewell	0	0	8	0	10	5	3
678	Lexington	0	5	0	0	0	0	0
680	Lynchburg	0	2	25	0	50	10	75
683	Manassas	0	0	0	0	32	20	0
685	Manassas Park	0	0	0	0	5	0	0
690	Martinsville	1	0	0	0	5	6	0

Supplemental Table 6. Number of Equipment Needed Reported 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)
700	Newport News	0	0	0	0	0	0	0
710	Norfolk	2	110	110	0	0	0	0
720	Norton	0	7	0	0	5	32	0
730	Petersburg	1	32	24	20	40	36	27
735	Poquoson	0	0	0	0	0	0	0
740	Portsmouth	0	15	0	0	50	25	0
750	Radford	0	2	1	0	5	0	0
760	Richmond	0	0	0	0	0	0	0
770	Roanoke	0	0	20	0	100	175	0
775	Salem	0	0	0	0	0	0	0
790	Staunton	0	0	0	0	0	0	0
800	Suffolk	0	7	3	37	67	24	24
810	Virginia Beach	0	0	0	0	200	0	0
820	Waynesboro	0	1	0	0	42	3	0
830	Williamsburg	0	5	5	0	0	0	0
840	Winchester	0	0	0	0	15	0	0
Grand Total		177	1,014	987	1,690	4,184	3,211	2,868

Supplemental Table 6. Number of Equipment Needed Reported By Locality (cont.)

FIPS	County/City	Technical Rescue Equipment - Confined Space	Technical Rescue Equipment - Rope	Technical Rescue Equipment - Structural Collapse	Technical Rescue Equipment - Trench	Technical Rescue Equipment - Vehicle	Technical Rescue Equipment - Water	Thermal Imaging Cameras	Other Equipment
001	Accomack County	0	0	0	0	0	0	0	0
003	Albemarle County	0	2	0	0	4	0	4	2
005	Alleghany County	0	0	0	0	0	0	3	0
007	Amelia County	2	0	0	0	1	0	0	0
009	Amherst County	1	0	0	0	0	1	6	0
011	Appomattox County	0	0	0	0	0	0	0	0
013	Arlington County	0	0	0	0	0	0	0	0
015	Augusta County	1	1	2	1	1	0	2	0
017	Bath County	0	0	0	0	0	0	1	0
019	Bedford County	0	0	0	0	0	0	0	0
021	Bland County	1	1	1	1	1	1	24	3
023	Botetourt County	0	0	0	0	0	0	0	0
025	Brunswick County	2	6	6	6	6	6	9	0
027	Buchanan County	1	4	1	1	7	0	3	0
029	Buckingham County	0	0	0	0	0	0	1	0
031	Campbell County	0	75	0	0	8	0	6	2
033	Caroline County	0	0	0	0	4	4	10	5
035	Carroll County	5	10	5	5	1	2	5	0
036	Charles City County	0	0	0	0	1	0	0	0
037	Charlotte County	1	5	1	1	0	1	6	1
041	Chesterfield County	1	0	12	0	1	35	12	0
043	Clarke County	0	0	0	0	0	1	4	0
045	Craig County	2	0	2	0	2	0	1	0
047	Culpeper County	0	0	0	0	4	0	5	0
049	Cumberland County	0	0	0	0	0	0	2	0
051	Dickenson County	0	3	0	0	2	0	6	0
053	Dinwiddie County	0	0	0	0	0	0	0	0
057	Essex County	0	0	0	0	0	0	3	0
059	Fairfax County	1	0	0	0	0	0	6	0
061	Fauquier County	1	1	1	11	0	0	14	1
063	Floyd County	0	0	0	0	0	0	2	0
065	Fluvanna County	0	0	0	0	0	0	3	0
067	Franklin County	0	0	0	0	0	0	0	0
069	Frederick County	0	0	0	0	0	0	0	0
071	Giles County	0	0	0	0	2	1	7	0
073	Gloucester County	0	0	0	0	0	0	0	0
075	Goochland County	0	0	0	0	0	21	8	0
077	Grayson County	0	0	0	0	3	0	2	1

Supplemental Table 6. Number of Equipment Needed Reported By Locality (cont.)

FIPS	County/City	Technical Rescue Equipment - Confined Space	Technical Rescue Equipment - Rope	Technical Rescue Equipment - Structural Collapse	Technical Rescue Equipment - Trench	Technical Rescue Equipment - Vehicle	Technical Rescue Equipment - Water	Thermal Imaging Cameras	Other Equipment
079	Greene County	0	0	0	0	0	0	1	0
083	Halifax County	2	2	0	0	2	0	3	0
085	Hanover County	0	0	0	0	0	0	0	0
087	Henrico County	0	0	0	0	0	0	0	0
089	Henry County	0	0	1	1	1	0	8	2
091	Highland County	0	0	0	0	0	0	0	0
093	Isle of Wight County	1	0	1	1	0	20	1	0
095	James City County	0	0	0	0	0	0	0	0
097	King and Queen County	0	10	0	0	0	0	4	0
099	King George County	0	0	0	0	0	0	0	0
101	King William County	0	0	0	0	1	0	6	0
103	Lancaster County	0	4	0	0	0	0	4	0
105	Lee County	4	6	1	2	3	0	4	0
107	Loudoun County	0	5	0	0	2	2	20	10
109	Louisa County	0	0	0	0	0	1	6	0
111	Lunenburg County	0	0	0	0	0	0	1	0
113	Madison County	0	0	0	0	0	0	0	0
115	Mathews County	0	0	0	0	0	0	0	0
117	Mecklenburg County	0	0	0	0	0	0	4	0
119	Middlesex County	0	0	0	0	1	1	3	0
121	Montgomery County	0	0	1	0	0	0	3	0
125	Nelson County	0	12	0	0	1	0	2	0
127	New Kent County	0	0	0	0	0	0	0	0
131	Northampton County	0	0	0	0	2	0	1	0
133	Northumberland County	0	0	0	0	0	1	3	0
135	Nottoway County	0	1	0	0	1	0	3	0
137	Orange County	1	1	1	0	0	0	5	0
139	Page County	3	0	2	0	1	1	4	0
141	Patrick County	3	3	3	3	0	1	0	0
143	Pittsylvania County	2	6	4	1	9	1	8	1
145	Powhatan County	0	0	0	0	0	0	0	0
147	Prince Edward County	0	0	0	0	0	0	1	0
149	Prince George County	0	0	0	0	0	0	0	0
153	Prince William County	4	4	0	0	13	2	7	0
155	Pulaski County	4	5	4	4	5	4	2	3
157	Rappahannock County	1	4	1	0	1	13	5	3
159	Richmond County	0	0	0	0	0	0	1	0
161	Roanoke County	0	0	0	0	0	0	1	0

Supplemental Table 6. Number of Equipment Needed Reported By Locality (cont.)

FIPS	County/City	Technical Rescue Equipment - Confined Space	Technical Rescue Equipment - Rope	Technical Rescue Equipment - Structural Collapse	Technical Rescue Equipment - Trench	Technical Rescue Equipment - Vehicle	Technical Rescue Equipment - Water	Thermal Imaging Cameras	Other Equipment
163	Rockbridge County	0	1	0	0	15	0	10	0
165	Rockingham County	5	7	1	1	0	0	1	0
167	Russell County	0	0	0	0	1	0	9	0
169	Scott County	0	6	5	2	3	0	5	0
171	Shenandoah County	0	0	0	0	0	0	5	0
173	Smyth County	11	11	10	10	10	20	3	0
175	Southampton County	0	0	0	0	2	0	5	1
177	Spotsylvania County	0	0	0	0	0	0	0	0
179	Stafford County	0	0	0	0	0	0	10	0
181	Surry County	0	0	0	0	0	0	2	0
183	Sussex County	0	0	0	0	0	1	3	0
185	Tazewell County	0	4	1	0	1	1	5	1
187	Warren County	0	0	0	0	1	0	6	0
191	Washington County	0	0	1	0	0	1	9	0
193	Westmoreland County	0	12	0	0	7	0	4	0
195	Wise County	2	0	1	1	1	0	2	0
197	Wythe County	1	5	0	0	0	0	4	0
199	York County	0	0	0	0	0	3	0	3
510	Alexandria	0	0	0	0	0	0	0	0
515	Bedford	0	0	0	0	0	0	0	0
520	Bristol	1	0	1	1	1	0	0	1
530	Buena Vista	0	0	0	0	1	0	1	0
540	Charlottesville	0	0	0	0	0	0	10	0
550	Chesapeake	0	0	0	0	0	0	30	0
570	Colonial Heights	0	0	0	0	0	0	2	0
580	Covington	0	0	0	0	0	0	0	0
590	Danville	0	0	1	1	0	0	3	0
595	Emporia	0	0	0	0	0	0	0	0
600	Fairfax	0	3	0	0	1	0	0	0
610	Falls Church	0	0	0	0	0	0	0	0
620	Franklin	0	0	0	0	0	0	0	0
630	Fredericksburg	0	0	0	0	0	0	0	0
640	Galax	0	0	0	0	0	0	0	0
650	Hampton	25	1	65	0	4	0	7	0
660	Harrisonburg	0	0	0	0	0	0	0	1
670	Hopewell	0	0	0	0	0	0	3	0
678	Lexington	0	0	0	0	0	0	0	0
680	Lynchburg	0	0	0	0	0	0	0	0

Supplemental Table 6. Number of Equipment Needed Reported By Locality (cont.)

FIPS	County/City	Technical Rescue Equipment - Confined Space	Technical Rescue Equipment - Rope	Technical Rescue Equipment - Structural Collapse	Technical Rescue Equipment - Trench	Technical Rescue Equipment - Vehicle	Technical Rescue Equipment - Water	Thermal Imaging Cameras	Other Equipment
683	Manassas	0	0	0	0	0	0	3	0
685	Manassas Park	0	0	0	0	0	0	1	0
690	Martinsville	0	1	0	0	0	0	1	0
700	Newport News	0	0	0	0	0	0	0	0
710	Norfolk	0	0	0	0	0	5	0	0
720	Norton	1	1	0	1	0	0	0	0
730	Petersburg	5	6	2	2	2	1	7	0
735	Poquoson	0	0	0	0	0	0	0	0
740	Portsmouth	0	0	0	0	0	0	0	0
750	Radford	0	1	0	0	0	0	0	0
760	Richmond	0	0	0	0	0	0	0	0
770	Roanoke	0	0	0	0	0	0	15	0
775	Salem	0	0	0	0	0	1	0	0
790	Staunton	0	0	0	0	0	0	0	0
800	Suffolk	0	1	0	0	2	0	6	0
810	Virginia Beach	0	0	0	0	0	0	5	0
820	Waynesboro	0	0	0	0	1	0	1	0
830	Williamsburg	0	0	0	0	0	0	2	0
840	Winchester	0	0	0	0	0	0	0	0
Grand Total		95	231	138	57	144	153	446	41

Note: Data excludes individual fire department's information for localities when a consolidated survey response was also received. Fire administration departments could either report for their career fire service personnel only or for all fire service in their locality including both career and volunteer personnel. Volunteer fire departments could similarly report for all fire service personnel in their locality. When a consolidated survey response for a locality was received, in order to reduce possible duplication, then any individual fire department responses in the same locality were excluded from quantitative data calculations.

Supplemental Table 7. Number of Personnel Needed Reported By Locality

FIPS	County/City	Firefighter - Paid	Firefighter - Volunteer	Civilian - Paid	Civilian - Volunteer	Other Personnel
001	Accomack County	6	0	0	0	0
003	Albemarle County	27	65	0	8	0
005	Alleghany County	0	15	0	0	0
007	Amelia County	0	20	0	0	0
009	Amherst County	6	25	0	0	0
011	Appomattox County	0	0	0	2	0
013	Arlington County	26	0	1	0	0
015	Augusta County	15	200	2	0	0
017	Bath County	0	0	0	0	0
019	Bedford County	12	0	0	0	0
021	Bland County	2	42	0	0	0
023	Botetourt County	10	30	0	0	0
025	Brunswick County	0	65	0	4	0
027	Buchanan County	0	53	0	0	0
029	Buckingham County	0	30	0	0	0
031	Campbell County	1	9	0	0	0
033	Caroline County	28	80	0	2	0
035	Carroll County	12	35	0	0	0
036	Charles City County	0	10	0	0	0
037	Charlotte County	7	30	0	0	0
041	Chesterfield County	15	50	9	3	0
043	Clarke County	15	35	1	10	0
045	Craig County	0	28	0	10	0
047	Culpeper County	0	55	0	35	0
049	Cumberland County	0	10	0	0	0
051	Dickenson County	0	25	0	0	0
053	Dinwiddie County	12	25	0	0	0
057	Essex County	0	0	0	10	0
059	Fairfax County	80	220	37	17	0
061	Fauquier County	38	66	0	50	0
063	Floyd County	0	10	0	0	0
065	Fluvanna County	0	30	0	20	0
067	Franklin County	0	0	0	0	0
069	Frederick County	25	0	0	0	0
071	Giles County	0	39	0	0	0
073	Gloucester County	0	0	0	20	0
075	Goochland County	5	25	2	0	0
077	Grayson County	0	25	0	0	0
079	Greene County	0	5	0	0	0
083	Halifax County	1	78	18	30	0
085	Hanover County	5	50	0	0	0
087	Henrico County	125	0	10	0	0
089	Henry County	3	97	0	15	0
091	Highland County	0	20	0	8	0
093	Isle of Wight County	4	25	0	0	0
095	James City County	3	0	0	0	0
097	King and Queen County	0	5	0	0	0
099	King George County	10	25	0	0	0
101	King William County	6	15	2	0	0
103	Lancaster County	0	5	0	0	0
105	Lee County	0	31	0	10	0
107	Loudoun County	46	145	0	10	0
109	Louisa County	13	64	0	0	10
111	Lunenburg County	0	13	0	8	0
113	Madison County	0	0	0	0	0
115	Mathews County	0	15	0	0	0
117	Mecklenburg County	0	44	0	15	0
119	Middlesex County	0	35	0	0	0
121	Montgomery County	4	22	0	0	0

Supplemental Table 7. Number of Personnel Needed Reported By Locality

FIPS	County/City	Firefighter - Paid	Firefighter - Volunteer	Civilian - Paid	Civilian - Volunteer	Other Personnel
125	Nelson County	4	52	0	11	0
127	New Kent County	6	15	0	0	0
131	Northampton County	18	27	0	12	0
133	Northumberland County	0	5	0	10	0
135	Nottoway County	1	5	0	10	0
137	Orange County	6	140	0	0	0
139	Page County	6	21	1	0	0
141	Patrick County	0	50	0	0	0
143	Pittsylvania County	16	145	0	20	15
145	Powhatan County	0	0	0	0	0
147	Prince Edward County	0	10	0	0	0
149	Prince George County	30	100	0	10	0
153	Prince William County	85	285	5	77	10
155	Pulaski County	0	13	0	0	0
157	Rappahannock County	0	37	0	15	0
159	Richmond County	0	10	0	0	0
161	Roanoke County	31	60	0	0	0
163	Rockbridge County	4	40	0	20	0
165	Rockingham County	0	111	0	10	0
167	Russell County	12	39	0	45	0
169	Scott County	0	24	0	0	0
171	Shenandoah County	8	50	2	0	0
173	Smyth County	8	56	0	0	0
175	Southampton County	0	18	0	0	0
177	Spotsylvania County	15	60	3	0	0
179	Stafford County	100	200	0	0	0
181	Surry County	0	8	0	0	0
183	Sussex County	0	4	0	0	0
185	Tazewell County	11	76	0	0	0
187	Warren County	22	48	0	30	0
191	Washington County	16	25	0	0	0
193	Westmoreland County	0	25	0	4	0
195	Wise County	0	60	0	0	0
197	Wythe County	1	18	0	0	0
199	York County	2	0	0	0	0
510	Alexandria	0	0	0	0	0
515	Bedford	0	0	0	0	0
520	Bristol	4	0	0	0	0
530	Buena Vista	1	10	0	0	0
540	Charlottesville	0	25	1	0	0
550	Chesapeake	64	0	10	0	0
570	Colonial Heights	3	20	0	0	0
580	Covington	0	0	0	0	0
590	Danville	6	0	0	0	0
595	Emporia	0	0	0	0	0
600	Fairfax	0	0	1	0	0
610	Falls Church	0	20	0	10	0
620	Franklin	0	10	0	0	0
630	Fredericksburg	6	0	1	0	0
640	Galax	0	5	0	0	0
650	Hampton	12	50	0	0	0
660	Harrisonburg	12	0	0	0	0
670	Hopewell	10	0	0	0	0
678	Lexington	1	0	0	0	0
680	Lynchburg	0	0	0	0	0
683	Manassas	6	25	0	0	0
685	Manassas Park	9	0	0	0	0
690	Martinsville	6	20	0	0	0
700	Newport News	20	0	0	0	0

Supplemental Table 7. Number of Personnel Needed Reported By Locality

FIPS	County/City	Firefighter - Paid	Firefighter - Volunteer	Civilian - Paid	Civilian - Volunteer	Other Personnel
710	Norfolk	30	0	3	0	0
720	Norton	6	0	0	0	0
730	Petersburg	12	0	5	0	0
735	Poquoson	10	0	0	0	0
740	Portsmouth	18	0	2	0	0
750	Radford	4	10	0	0	0
760	Richmond	0	0	0	0	0
770	Roanoke	6	0	4	0	0
775	Salem	6	0	0	0	0
790	Staunton	6	6	0	0	0
800	Suffolk	30	40	0	1	0
810	Virginia Beach	20	0	0	0	0
820	Waynesboro	12	10	0	0	0
830	Williamsburg	6	0	0	0	0
840	Winchester	24	20	0	0	0
Grand Total		1,314	4,154	120	572	35

Note: Data excludes individual fire department's information for localities when a consolidated survey response was also received. Fire administration departments could either report for their career fire service personnel only or for all fire service in their locality including both career and volunteer personnel. Volunteer fire departments could similarly report for all fire service personnel in their locality. When a consolidated survey response for a locality was received, in order to reduce possible duplication, then any individual fire department responses in the same locality were excluded from quantitative data calculations.

Chapter 3

Reported Incidents



Virginia Fire Service Needs Assessment:

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

Volume V - January 2009

Chapter 3 - Reported Incidents

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 2007, approximately 82% of Virginia fire departments reported to VFIRS, covering an estimated 95% of Virginia's population. Please see Supplemental Table 8 for VFIRS Participation by Locality for 2007.

Incident Types

Fire departments in Virginia respond to various types of calls for assistance. In 2007, these incidents included 33,967 fires, 380,942 rescue/medical incidents, 32,489 hazardous condition calls, 40,230 service calls, 55,658 good intent calls, 53,949 false calls, and 8,305 other calls. (See Table 23 and Figure 39.)

Table 23. Incident Type Summary, Virginia, 2007

Incident Type	Total	Percent
Fires	33,967	5.6%
Rescue and EMS	380,942	62.9%
Hazardous Condition	32,489	5.4%
Service Calls	40,230	6.6%
Good Intent	55,658	9.2%
False Alarm	53,949	8.9%
Other Calls	8,305	1.4%
Total Incidents	605,540	100.0%
Aid Given (Mutual or Automatic)	38,174	
Fire Exposures	689	
Grand Total	644,403	

Figure 39. Incident Type Summary, Virginia, 2007

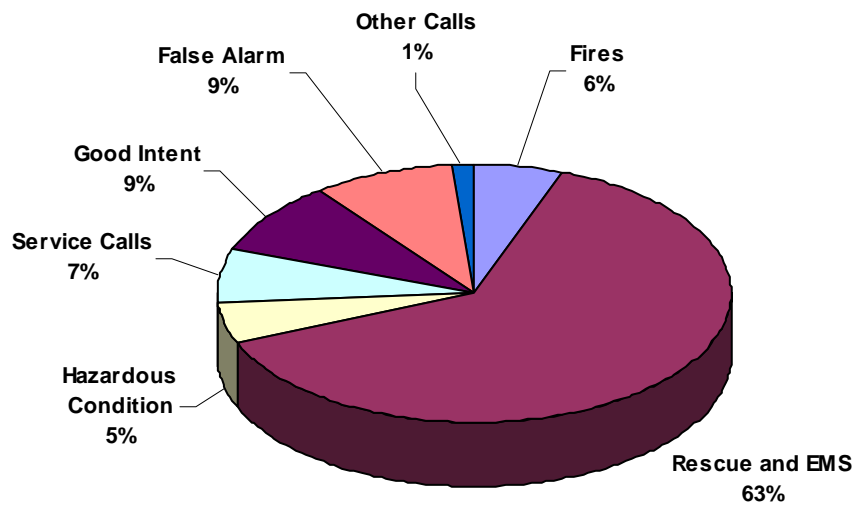


Table 24. Incident Type Summary, Virginia, 2006-2007

Incident Type	2006		2007		Yearly Change	
	Number	Percent	Number	Percent	Number	Percent
Fires	31,119	5.5%	33,967	5.6%	2,848	0.1%
Rescue and EMS	353,425	62.5%	380,942	62.9%	27,517	0.4%
Hazardous Condition	33,302	5.9%	32,489	5.4%	-813	-0.5%
Service Calls	36,223	6.4%	40,230	6.6%	4,007	0.2%
Good Intent	50,856	9.0%	55,658	9.2%	4,802	0.2%
False Alarm	51,233	9.1%	53,949	8.9%	2,716	-0.2%
Other Calls	8,903	1.6%	8,305	1.4%	-598	-0.2%
Total Incidents	565,061	100.0%	605,540	100.0%	40,479	0.0%

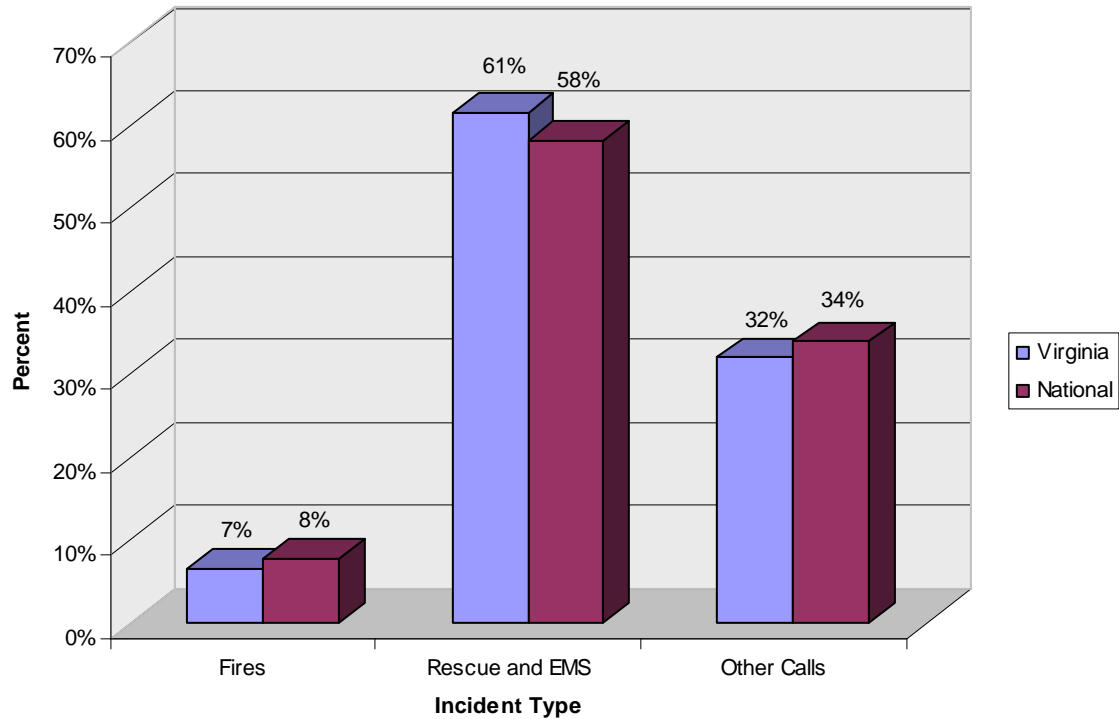


Photo 11. Seminole Trail VFD - Albemarle County, Virginia

"Rescue and EMS Calls Account for the Most Incidents with Fire Departments."

For 2007, Virginia has a lower percentage of fire incidents (7%) compared to the national numbers. Sixty-one percent (61%) of incidents in Virginia were EMS calls, while nationwide, 58 percent of all calls were EMS. (See Figure 40.)

Figure 40. Virginia / National Incident Types Comparison, 2007



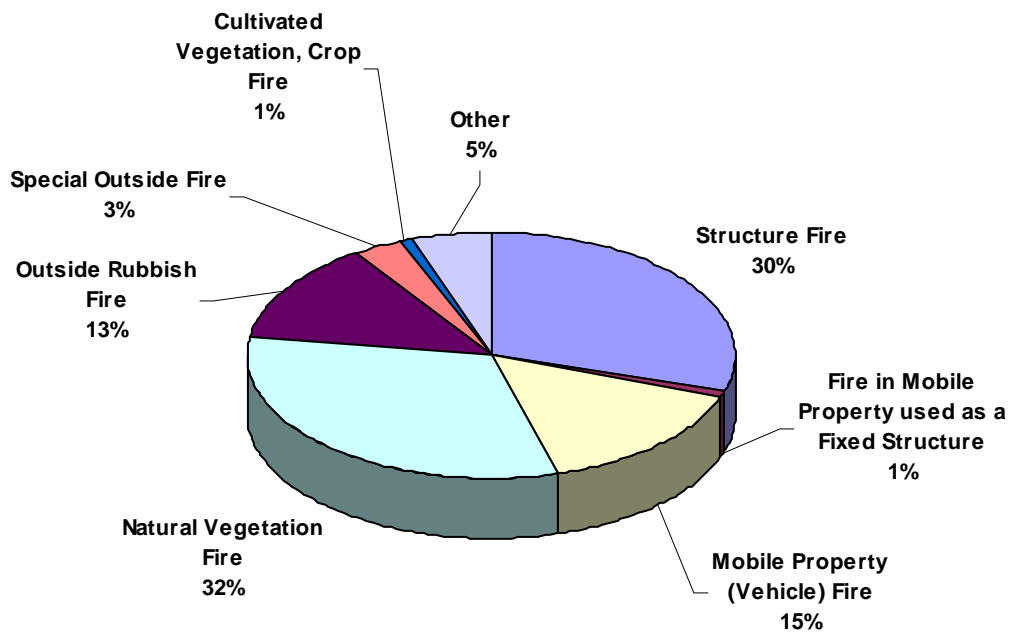
Fires

In 2007, fire departments in Virginia reported responding to a total of 33,967 fires. Thirty-two percent (32%) were natural vegetation fires, one-third were structure/building fires, and 15 percent were vehicle fires. (See Table 25. and Figure 41.)

Table 25. Fire Incidents By Incident Category, Virginia, 2007

Incident Category	Total	Percent
Structure Fire	10,088	29.7%
Fire in Mobile Property used as a Fixed Structure	258	0.8%
Mobile Property (Vehicle) Fire	5,125	15.1%
Natural Vegetation Fire	10,871	32.0%
Outside Rubbish Fire	4,435	13.1%
Special Outside Fire	1,128	3.3%
Cultivated Vegetation, Crop Fire	305	0.9%
Other	1,757	5.2%
Grand Total	33,967	100.0%

Figure 41. Fire Incidents By Incident Category, Virginia, 2007



Please see Supplemental Table 9 found at the end of this section for a detailed report of incidents by locality for 2007, Supplemental Table 10 for a summary report for 2007 by locality, and Supplemental Table 11 for a rate summary report for 2007.



Photo 12. Chesapeake Fire Department - Chesapeake, Virginia

"Fires Require More Investigation to Document Each Incident."

Table 26. Number of VFIRS Reported Incidents By Virginia Region, 2007

Region	Fires	Rescue and EMS	Hazardous Condition	Service Calls	Good Intent	False Alarm	Other Calls	Total Incidents	Aid Given	Exposures	Grand Total
Central	11,580	104,111	10,698	11,127	19,985	12,500	1,746	171,747	8,308	275	180,330
Coastal	8,045	106,093	7,202	9,719	12,705	13,742	3,374	160,880	3,623	220	164,723
Mountain	3,255	7,830	2,307	1,599	1,715	1,510	281	18,497	1,463	26	19,986
Northern	7,109	105,779	7,728	13,304	13,813	20,375	2,297	170,405	11,775	97	182,277
Valley	3,804	53,954	4,115	4,292	7,001	5,094	596	78,856	11,706	71	90,633
Grand Total	33,793	377,767	32,050	40,041	55,219	53,221	8,294	600,385	36,875	689	637,949

Note: Numbers exclude incidents from FIPS 920 (Military, Federal or Airport) and will not match other tables since the incidents can not be classified in a Virginia Region.

Note: Data is compiled from information reported to the Virginia Fire Incident Reporting System (VFIRS) for 2007 as of 04/22/2008.

For all frequency or incident counts, mutual/automatic aid given and fire exposure incidents were excluded from the numbers. For casualty statistical information, mutual/automatic aid given incidents were included for all fire service and excluded for all civilian data, and, in addition, fire exposure incidents were included with all casualty numbers. For dollar loss amounts, mutual/automatic aid given incidents were excluded and exposure incidents were included with the numbers.

Building Fires include incidents with incident type 110-112, and 120-123. Data from the Structure Fire Module for Sections J-M is tabulated for incident types 110, 111, 120-123.

Percentages may not add to totals due to rounding.

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 2007 is the most recent year for which full data is available from VFIRS.

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.

VFIRS PARTICIPATION - CY 2007

as of April 17, 2008

Totals-> 135 566 466 82.3% 6,719,443					
94.9%					
Other FDs-> 4 3					
Locality	Code	# of FDs	¹ VFIRS FDs	% FDs	VFIRS Pop.
Accomack Co.	001	14	13	92.9%	35,569
Albemarle Co.	003	1	1	100.0%	79,236
Alleghany Co.	005	7	6	85.7%	10,027
Amelia Co.	007	5	5	100.0%	11,400
Amherst Co.	009	3	3	100.0%	31,894
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	10	10	100.0%	60,371
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	2	66.7%	6,011
Dickenson Co.	051	4	3	75.0%	12,296
Dinwiddie Co.	053	5	5	100.0%	24,533
Essex Co.	057	1	1	100.0%	9,989
Fairfax Co.	059	1	1	100.0%	969,749
Fauquier Co.	061	10	9	90.0%	49,625
Floyd Co.	063	4	4	100.0%	13,874
Fluvanna Co.	065	4	0	0.0%	0
Franklin Co.	067	11	9	81.8%	38,689
Frederick Co.	069	12	12	100.0%	59,209
Giles Co.	071	8	7	87.5%	14,575
Gloucester Co.	073	2	2	100.0%	34,780
Goochland Co.	075	1	1	100.0%	16,863

VFIRS PARTICIPATION - CY 2007

as of April 17, 2008

Totals-> 135 566 466 82.3% 6,719,443					
94.9%					
Other FDs-> 4 3					
Locality	Code	# of FDs	¹ VFIRS FDs	% FDs	VFIRS Pop.
Grayson Co.	077	6	4	66.7%	11,945
Greene Co.	079	3	1	33.3%	5,081
Greenville Co.	081	0	0	0.0%	5,780
Halifax Co.	083	12	11	91.7%	34,242
Hanover Co.	085	12	12	100.0%	86,320
Henrico Co.	087	1	1	100.0%	262,300
Henry Co.	089	8	8	100.0%	57,930
Highland Co.	091	4	0	0.0%	0
Isle of Wight Co.	093	5	4	80.0%	23,782
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	1	33.3%	4,382
Lancaster Co.	103	3	0	0.0%	0
Lee Co.	105	10	7	70.0%	16,512
Loudoun Co.	107	13	13	100.0%	169,599
Louisa Co.	109	7	5	71.4%	18,305
Lunenburg Co.	111	3	3	100.0%	13,146
Madison Co.	113	1	1	100.0%	12,520
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	7	100.0%	14,445
New Kent Co.	127	3	0	0.0%	0
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	6	3	50.0%	12,941
Page Co.	139	3	3	100.0%	23,177
Patrick Co.	141	9	9	100.0%	19,407
Pittsylvania Co.	143	21	18	85.7%	52,924
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

VFIRS PARTICIPATION - CY 2007

as of April 17, 2008

Totals->	135	566	466	82.3%	6,719,443
					94.9%
Other FDs->		4	3		

Locality	Code	# of FDs	¹ VFIRS FDs	% FDs	VFIRS Pop.
Rappahannock Co.	157	6	6	100.0%	6,983
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	9	7	77.8%	27,281
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	1	100.0%	92,446
Surry Co.	181	3	1	33.3%	2,276
Sussex Co.	183	5	4	80.0%	10,003
Tazewell Co.	185	16	7	43.8%	19,512
Warren Co.	187	8	8	100.0%	31,584
Washington Co.	191	9	6	66.7%	34,069
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
Covington	580	1	1	100.0%	6,303
Danville	590	1	1	100.0%	48,411
Emporia	595	1	1	100.0%	5,665
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

VFIRS PARTICIPATION - CY 2007

as of April 17, 2008

Totals->					
	135	566	466	82.3%	6,719,443
<i>Other FDs-></i>					
		4	3		94.9%
Locality	Code	# of FDs	¹ VFIRS FDs	% FDs	VFIRS Pop.
Harrisonburg	660	1	1	100.0%	40,468
Hopewell	670	1	1	100.0%	22,354
Lexington	678	1	0	0.0%	0
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	5	100.0%	63,677
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	3		

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

Supplemental Table 9. Incident Type Summary By Locality, Virginia, 2007

FIPS	County/City	Fires	Rescue and EMS	Hazardous Condition	Service Calls	Good Intent	False Alarm	Other Calls	Total Incidents	Aid Given	Fire Exposures	Grand Total
001	Accomack County	248	284	192	54	95	77	10	960	484	3	1,447
003	Albemarle County	568	4,043	445	356	1,047	658	50	7,167	242	1	7,410
005	Alleghany County	99	249	52	21	34	34	10	499	84	0	583
007	Amelia County	67	196	21	13	69	16	4	386	113	0	499
009	Amherst County	152	68	172	22	128	37	3	582	143	4	729
011	Appomattox County	73	5	102	4	96	8	3	291	12	3	306
013	Arlington County	664	13,940	830	1,526	2,092	2,726	1,154	22,932	2,329	0	25,261
015	Augusta County	400	3,201	310	458	1,677	299	79	6,424	941	5	7,370
017	Bath County	No Incidents Reported										
019	Bedford County	305	848	129	147	325	137	16	1,907	405	0	2,312
021	Bland County	34	0	7	1	13	1	0	56	19	0	75
023	Botetourt County	170	305	106	25	105	145	9	865	253	0	1,118
025	Brunswick County	161	432	76	11	149	28	8	865	148	2	1,015
027	Buchanan County	117	190	39	44	22	17	6	435	29	2	466
029	Buckingham County	101	47	14	81	24	9	6	282	43	2	327
031	Campbell County	334	415	609	70	179	91	7	1,705	126	1	1,832
033	Caroline County	125	280	102	48	239	37	17	848	188	1	1,037
035	Carroll County	176	149	158	20	55	26	1	585	54	3	642
036	Charles City County	70	81	2	38	17	15	3	226	1	0	227
037	Charlotte County	67	74	30	13	15	5	2	206	57	0	263
041	Chesterfield County	1,355	19,094	1,212	2,006	3,854	1,644	184	29,349	109	51	29,509
043	Clarke County	94	412	26	36	62	32	3	665	281	0	946
045	Craig County	48	62	12	17	2	11	3	155	11	0	166
047	Culpeper County	169	473	245	81	171	134	17	1,290	341	0	1,631
049	Cumberland County	39	18	7	21	30	15	1	131	29	0	160
051	Dickenson County	71	155	86	23	58	10	6	409	46	0	455
053	Dinwiddie County	261	868	205	100	356	65	11	1,866	368	13	2,247
057	Essex County	34	48	28	12	35	25	5	187	1	0	188
059	Fairfax County	2,585	55,491	3,042	6,462	2,342	10,213	728	80,863	3,658	78	84,599
061	Fauquier County	260	2,001	228	125	711	82	25	3,432	185	0	3,617
063	Floyd County	83	21	144	10	64	4	0	326	48	0	374
065	Fluvanna County	No Incidents Reported										
067	Franklin County	293	301	138	190	105	88	39	1,154	303	3	1,460
069	Frederick County	391	5,150	205	424	533	461	32	7,196	3,027	6	10,229
071	Giles County	106	244	82	31	49	16	7	535	67	0	602
073	Gloucester County	212	991	157	45	100	97	14	1,616	35	1	1,652
075	Goochland County	117	90	191	31	84	116	6	635	55	2	692
077	Grayson County	54	52	8	0	17	1	1	133	42	0	175
079	Greene County	69	202	57	19	156	23	29	555	46	0	601
081	Greensville County *	-	-	-	-	-	-	-	-	-	-	-
083	Halifax County	364	2,213	61	42	34	134	14	2,862	129	0	2,991
085	Hanover County	507	3,629	391	513	2,613	646	59	8,358	1,653	12	10,023
087	Henrico County	1,243	26,192	1,415	3,465	2,699	2,728	244	37,986	226	39	38,251
089	Henry County	329	335	118	104	213	241	8	1,348	247	1	1,596

Supplemental Table 9. Incident Type Summary By Locality, Virginia, 2007

FIPS	County/City	Fires	Rescue and EMS	Hazardous Condition	Service Calls	Good Intent	False Alarm	Other Calls	Total Incidents	Aid Given	Fire Exposures	Grand Total
091	Highland County	No Incidents Reported										
093	Isle of Wight County	115	851	54	55	77	82	19	1,253	98	1	1,352
095	James City County	272	5,053	307	626	710	700	373	8,041	602	5	8,648
097	King and Queen County	20	5	30	1	1	1	0	58	9	0	67
099	King George County	119	416	200	110	167	65	6	1,083	84	3	1,170
101	King William County	9	17	6	0	3	0	1	36	21	0	57
103	Lancaster County	4	1	8	4	4	4	0	25	1	0	26
105	Lee County	157	64	42	19	24	12	6	324	53	0	377
107	Loudoun County	720	5,949	735	1,011	1,828	2,175	145	12,563	1,503	1	14,067
109	Louisa County	181	273	266	96	208	84	39	1,147	433	1	1,581
111	Lunenburg County	108	925	30	53	27	22	3	1,168	57	2	1,227
113	Madison County	39	47	0	1	55	2	0	144	0	0	144
115	Mathews County	56	94	20	3	25	29	3	230	3	2	235
117	Mecklenburg County	324	22	376	108	162	59	10	1,061	250	0	1,311
119	Middlesex County	38	31	53	15	8	27	8	180	25	0	205
121	Montgomery County	467	508	212	240	258	516	13	2,214	180	0	2,394
125	Nelson County	137	278	41	43	145	127	8	779	246	1	1,026
127	New Kent County	No Incidents Reported										
131	Northampton County	106	867	56	26	82	48	3	1,188	207	1	1,396
133	Northumberland County	86	99	19	6	32	20	0	262	60	0	322
135	Nottoway County	85	295	25	11	66	24	0	506	74	2	582
137	Orange County	127	2,767	85	102	447	61	48	3,637	319	2	3,958
139	Page County	170	320	142	460	66	82	19	1,259	94	11	1,364
141	Patrick County	159	543	120	118	83	81	24	1,128	175	0	1,303
143	Pittsylvania County	468	3,106	378	206	252	167	34	4,611	486	2	5,099
145	Powhatan County	123	848	132	70	317	109	28	1,627	402	3	2,032
147	Prince Edward County	97	117	76	5	120	46	1	462	104	0	566
149	Prince George County	193	148	222	128	306	107	5	1,109	69	0	1,178
153	Prince William County	1,087	1,807	852	1,058	2,239	983	61	8,087	0	0	8,087
155	Pulaski County	191	290	222	133	139	79	30	1,084	43	1	1,128
157	Rappahannock County	71	333	45	33	65	36	9	592	505	0	1,097
159	Richmond County	No Incidents Reported										
161	Roanoke County	419	8,676	338	610	428	570	80	11,121	969	12	12,102
163	Rockbridge County	100	927	59	94	105	59	24	1,368	443	3	1,814
165	Rockingham County	303	3,347	400	250	658	292	38	5,288	1,499	5	6,792
167	Russell County	85	69	72	15	8	10	3	262	20	0	282
169	Scott County	85	167	37	12	30	57	6	394	90	4	488
171	Shenandoah County	124	271	233	103	335	128	6	1,200	856	0	2,056
173	Smyth County	157	1,004	99	46	74	53	11	1,444	27	2	1,473
175	Southampton County	85	138	21	8	19	20	7	298	91	13	402
177	Spotsylvania County	419	4,298	228	337	304	646	41	6,273	68	7	6,348
179	Stafford County	137	6,571	356	1,075	1,094	409	5	9,647	0	0	9,647
181	Surry County	29	5	35	5	4	10	0	88	1	1	90
183	Sussex County	85	134	37	33	66	22	6	383	46	0	429

Supplemental Table 9. Incident Type Summary By Locality, Virginia, 2007

FIPS	County/City	Fires	Rescue and EMS	Hazardous Condition	Service Calls	Good Intent	False Alarm	Other Calls	Total Incidents	Aid Given	Fire Exposures	Grand Total
185	Tazewell County	137	1,544	387	78	92	80	75	2,393	80	1	2,474
187	Warren County	223	2,989	125	90	263	191	48	3,929	1,778	1	5,708
191	Washington County	194	548	163	65	104	130	15	1,219	43	4	1,266
193	Westmoreland County	142	652	70	48	93	65	31	1,101	209	0	1,310
195	Wise County	153	622	30	32	52	21	6	916	39	4	959
197	Wythe County	193	105	114	38	81	67	5	603	36	0	639
199	York County	257	4,651	330	920	444	734	643	7,979	776	0	8,755
510	Alexandria	393	10,211	474	946	1,757	1,959	26	15,766	6	0	15,772
515	Bedford	88	317	58	97	115	60	9	744	153	2	899
520	Bristol	180	1,028	84	170	311	162	24	1,959	56	0	2,015
530	Buena Vista	39	2	104	8	49	26	2	230	183	0	413
540	Charlottesville	229	2,245	404	323	512	780	25	4,518	502	11	5,031
550	Chesapeake	868	17,995	677	1,637	1,344	1,788	332	24,641	94	29	24,764
570	Colonial Heights	121	3,212	171	586	254	114	20	4,478	252	9	4,739
580	Covington	42	7	79	11	43	16	8	206	39	0	245
590	Danville	432	3,381	335	218	270	416	34	5,086	0	9	5,095
595	Emporia	131	84	73	38	25	18	1	370	16	1	387
600	Fairfax	136	2,060	162	203	78	389	43	3,071	861	0	3,932
610	Falls Church **	-	-	-	-	-	-	-	-	-	-	-
620	Franklin	101	140	35	66	50	55	134	581	359	1	941
630	Fredericksburg	132	1,181	259	224	528	339	16	2,679	333	0	3,012
640	Galax	55	62	9	10	48	13	1	198	12	1	211
650	Hampton	767	15,545	742	1,748	830	1,722	220	21,574	75	11	21,660
660	Harrisonburg	96	2,114	564	178	368	676	14	4,010	39	0	4,049
670	Hopewell	154	1,966	297	513	59	145	20	3,154	103	0	3,257
678	Lexington	23	13	44	2	11	6	3	102	24	0	126
680	Lynchburg	439	3,880	416	371	696	432	35	6,269	9	2	6,280
683	Manassas	161	445	127	96	278	207	1	1,315	757	6	2,078
685	Manassas Park	50	739	43	79	87	40	9	1,047	1,041	4	2,092
690	Martinsville	112	2,232	64	50	73	108	6	2,645	35	6	2,686
700	Newport News	1,093	6,590	950	446	1,538	1,225	371	12,213	39	63	12,315
710	Norfolk	826	14,562	855	1,225	1,201	1,974	98	20,741	6	12	20,759
720	Norton	31	27	4	2	5	21	0	90	0	0	90
730	Petersburg	220	1,478	413	177	601	297	91	3,277	116	5	3,398
735	Poquoson	60	61	57	106	36	36	52	408	1	0	409
740	Portsmouth	614	11,137	500	737	1,511	920	77	15,496	71	12	15,579
750	Radford	77	137	50	302	23	45	2	636	1	1	638
760	Richmond	1,389	17,309	1,488	806	3,069	2,624	527	27,212	35	72	27,319
770	Roanoke	623	18,058	670	809	1,693	1,024	111	22,988	198	25	23,211
775	Salem	103	1,390	109	81	75	182	13	1,953	50	0	2,003
790	Staunton	98	1,115	174	250	241	339	60	2,277	327	0	2,604
800	Suffolk	541	6,955	397	554	517	852	841	10,657	221	2	10,880
810	Virginia Beach	1,392	17,259	1,365	1,227	3,765	2,817	255	28,080	35	74	28,189
820	Waynesboro	94	1,349	168	150	146	179	21	2,107	75	0	2,182

Supplemental Table 9. Incident Type Summary By Locality, Virginia, 2007

FIPS	County/City	Fires	Rescue and EMS	Hazardous Condition	Service Calls	Good Intent	False Alarm	Other Calls	Total Incidents	Aid Given	Fire Exposures	Grand Total
830	Williamsburg	67	1,843	92	71	66	409	9	2,557	464	0	3,021
840	Winchester	145	3,997	195	215	107	342	13	5,014	535	3	5,552
Grand Total		33,793	377,767	32,050	40,041	55,219	53,221	8,294	600,385	36,875	689	637,949

Note: Data is compiled from information reported to the Virginia Fire Incident Reporting System (VFIRS) for 2007 as of 04/22/2008. Localities shown above with dashes (-) did not have any incidents reported to VFIRS by their local fire departments. Totals may not match other statistical tables due to the designated grouping of VFIRS fire departments. Numbers do not include incidents reports by Military, Federal, or Airport (FIPS 920) fire departments.

* Greensville County does not currently have fire service in their locality. Emergency response for their area is handled by Emporia Fire Dept. (FDID 59500) and Jarrett Vol. Fire Dept. (FDID 18301).

** The City of Falls Church currently participates in VFIRS, but due to contractual arrangements with Arlington County (FIPS 013), their statistical information cannot be tabulated and, therefore, is combined with the incidents from Arlington County.

Supplemental Table 10. VFIRS Summary Data By Locality, Virginia, 2007

FIPS	County/City	Total Incidents	Aid Given	Fire Exposures	Grand Total	Total Loss Property	Total Loss Contents	Total Fire Dollar Loss	Civilian Fire Injuries	Civilian Fire Deaths	Fire Service Injuries	Fire Service Deaths
001	Accomack County	960	484	3	1,447	\$1,618,250	\$296,770	\$1,915,020	0	0	0	0
003	Albemarle County	7,167	242	1	7,410	\$6,173,308	\$2,482,481	\$8,655,789	2	0	1	0
005	Alleghany County	499	84	0	583	\$381,210	\$74,600	\$455,810	0	0	0	0
007	Amelia County	386	113	0	499	\$426,000	\$115,400	\$541,400	0	1	0	0
009	Amherst County	582	143	4	729	\$880,453	\$279,105	\$1,159,558	1	0	2	0
011	Appomattox County	291	12	3	306	\$812,225	\$259,600	\$1,071,825	0	0	0	0
013	Arlington County	22,932	2,329	0	25,261	\$5,804,170	\$2,350,413	\$8,154,583	2	0	6	0
015	Augusta County	6,424	941	5	7,370	\$2,151,780	\$726,750	\$2,878,530	3	2	3	0
017	Bath County	No Incidents Reported										
019	Bedford County	1,907	405	0	2,312	\$939,250	\$464,400	\$1,403,650	0	3	0	0
021	Bland County	56	19	0	75	\$108,170	\$73,250	\$181,420	0	0	2	0
023	Botetourt County	865	253	0	1,118	\$11,850	\$28,500	\$40,350	0	0	0	0
025	Brunswick County	865	148	2	1,015	\$982,220	\$311,500	\$1,293,720	0	0	0	0
027	Buchanan County	435	29	2	466	\$756,400	\$239,800	\$996,200	1	0	0	0
029	Buckingham County	282	43	2	327	\$831,300	\$541,650	\$1,372,950	0	1	0	0
031	Campbell County	1,705	126	1	1,832	\$870,020	\$963,615	\$1,833,635	0	0	0	0
033	Caroline County	848	188	1	1,037	\$223,500	\$64,000	\$287,500	0	0	0	0
035	Carroll County	585	54	3	642	\$1,423,500	\$693,000	\$2,116,500	0	0	4	0
036	Charles City County	226	1	0	227	\$561,000	\$161,060	\$722,060	0	0	0	0
037	Charlotte County	206	57	0	263	\$371,505	\$277,900	\$649,405	0	1	1	0
041	Chesterfield County	29,349	109	51	29,509	\$7,029,905	\$2,445,065	\$9,474,970	47	7	12	0
043	Clarke County	665	281	0	946	\$706,000	\$341,720	\$1,047,720	0	0	0	0
045	Craig County	155	11	0	166	\$487,560	\$120,950	\$608,510	0	0	0	0
047	Culpeper County	1,290	341	0	1,631	\$654,535	\$164,475	\$819,010	0	0	0	0
049	Cumberland County	131	29	0	160	\$352,000	\$229,400	\$581,400	0	0	0	0
051	Dickenson County	409	46	0	455	\$302,700	\$74,770	\$377,470	1	1	1	0
053	Dinwiddie County	1,866	368	13	2,247	\$1,608,151	\$331,490	\$1,939,641	1	0	2	0
057	Essex County	187	1	0	188	\$268,000	\$140,000	\$408,000	0	0	0	0
059	Fairfax County	80,863	3,658	78	84,599	\$29,358,037	\$12,567,148	\$41,925,185	2	3	0	0
061	Fauquier County	3,432	185	0	3,617	\$2,566,602	\$15,903	\$2,582,505	0	1	1	0
063	Floyd County	326	48	0	374	\$0	\$0	\$0	0	0	0	0
065	Fluvanna County	No Incidents Reported										
067	Franklin County	1,154	303	3	1,460	\$1,988,200	\$608,960	\$2,597,160	8	4	6	0
069	Frederick County	7,196	3,027	6	10,229	\$650,630	\$152,000	\$802,630	3	0	3	0
071	Giles County	535	67	0	602	\$1,007,150	\$188,301	\$1,195,451	2	1	0	0
073	Gloucester County	1,616	35	1	1,652	\$396,770	\$110,000	\$506,770	0	0	0	0
075	Goochland County	635	55	2	692	\$8,575	\$0	\$8,575	0	0	0	0
077	Grayson County	133	42	0	175	\$1,867,500	\$80,000	\$1,947,500	0	0	0	0
079	Greene County	555	46	0	601	\$8,000	\$1,100	\$9,100	0	0	0	0
081	Greensville County *	-	-	-	-	-	-	-	-	-	-	-
083	Halifax County	2,862	129	0	2,991	\$2,238,425	\$430,550	\$2,668,975	1	0	2	0
085	Hanover County	8,358	1,653	12	10,023	\$3,454,300	\$2,189,026	\$5,643,326	2	0	3	0
087	Henrico County	37,986	226	39	38,251	\$7,922,538	\$2,651,197	\$10,573,735	25	0	10	0
089	Henry County	1,348	247	1	1,596	\$1,354,600	\$632,050	\$1,986,650	0	1	1	1

Supplemental Table 10. VFIRS Summary Data By Locality, Virginia, 2007

FIPS	County/City	Total Incidents	Aid Given	Fire Exposures	Grand Total	Total Loss Property	Total Loss Contents	Total Fire Dollar Loss	Civilian Fire Injuries	Civilian Fire Deaths	Fire Service Injuries	Fire Service Deaths
091	Highland County	No Incidents Reported										
093	Isle of Wight County	1,253	98	1	1,352	\$324,820	\$73,000	\$397,820	0	0	0	0
095	James City County	8,041	602	5	8,648	\$2,406,300	\$650,691	\$3,056,991	4	0	3	0
097	King and Queen County	58	9	0	67	\$0	\$0	\$0	0	0	0	0
099	King George County	1,083	84	3	1,170	\$1,063,520	\$173,370	\$1,236,890	2	1	3	0
101	King William County	36	21	0	57	\$146,500	\$22,000	\$168,500	0	0	0	0
103	Lancaster County	25	1	0	26	\$310,000	\$50,000	\$360,000	0	0	0	0
105	Lee County	324	53	0	377	\$1,590,025	\$355,650	\$1,945,675	0	2	0	0
107	Loudoun County	12,563	1,503	1	14,067	\$6,437,603	\$548,269	\$6,985,872	6	0	7	1
109	Louisa County	1,147	433	1	1,581	\$122,200	\$63,502	\$185,702	0	0	1	0
111	Lunenburg County	1,168	57	2	1,227	\$468,300	\$237,100	\$705,400	0	0	0	0
113	Madison County	144	0	0	144	\$0	\$0	\$0	0	0	0	0
115	Mathews County	230	3	2	235	\$209,750	\$14,900	\$224,650	0	0	0	0
117	Mecklenburg County	1,061	250	0	1,311	\$534,225	\$134,750	\$668,975	0	1	1	0
119	Middlesex County	180	25	0	205	\$15,000,000	\$0	\$15,000,000	0	0	0	0
121	Montgomery County	2,214	180	0	2,394	\$614,200	\$164,250	\$778,450	0	1	0	0
125	Nelson County	779	246	1	1,026	\$447,000	\$262,100	\$709,100	0	0	0	0
127	New Kent County	No Incidents Reported										
131	Northampton County	1,188	207	1	1,396	\$133,400	\$28,500	\$161,900	0	0	0	0
133	Northumberland County	262	60	0	322	\$833,100	\$336,000	\$1,169,100	1	0	1	0
135	Nottoway County	506	74	2	582	\$295,025	\$11,700	\$306,725	0	0	0	0
137	Orange County	3,637	319	2	3,958	\$691,432	\$302,635	\$994,067	2	1	1	0
139	Page County	1,259	94	11	1,364	\$1,423,850	\$111,500	\$1,535,350	2	0	0	0
141	Patrick County	1,128	175	0	1,303	\$1,424,300	\$918,150	\$2,342,450	1	1	0	0
143	Pittsylvania County	4,611	486	2	5,099	\$1,979,656	\$433,226	\$2,412,882	2	0	2	0
145	Powhatan County	1,627	402	3	2,032	\$1,111,899	\$254,153	\$1,366,052	2	0	0	0
147	Prince Edward County	462	104	0	566	\$520,175	\$156,650	\$676,825	4	2	0	0
149	Prince George County	1,109	69	0	1,178	\$0	\$0	\$0	1	0	0	0
153	Prince William County	8,087	0	0	8,087	\$19,999,998	\$19,999,998	\$39,999,996	0	0	0	1
155	Pulaski County	1,084	43	1	1,128	\$535,645	\$106,150	\$641,795	2	0	0	0
157	Rappahannock County	592	505	0	1,097	\$981,700	\$500,150	\$1,481,850	0	0	0	0
159	Richmond County	No Incidents Reported										
161	Roanoke County	11,121	969	12	12,102	\$2,811,804	\$86,700	\$2,898,504	4	0	3	0
163	Rockbridge County	1,368	443	3	1,814	\$588,700	\$187,825	\$776,525	0	0	0	0
165	Rockingham County	5,288	1,499	5	6,792	\$378,650	\$292,600	\$671,250	3	0	8	0
167	Russell County	262	20	0	282	\$171,000	\$42,850	\$213,850	0	1	0	0
169	Scott County	394	90	4	488	\$688,450	\$183,825	\$872,275	0	0	0	0
171	Shenandoah County	1,200	856	0	2,056	\$151,250	\$41,750	\$193,000	0	1	1	0
173	Smyth County	1,444	27	2	1,473	\$1,365,355	\$542,650	\$1,908,005	1	0	4	0
175	Southampton County	298	91	13	402	\$549,003	\$171,328	\$720,331	0	0	4	0
177	Spotsylvania County	6,273	68	7	6,348	\$2,430,151	\$0	\$2,430,151	5	1	4	0
179	Stafford County	9,647	0	0	9,647	\$1,538,800	\$700	\$1,539,500	3	0	2	0
181	Surry County	88	1	1	90	\$99,800	\$32,500	\$132,300	0	0	2	0
183	Sussex County	383	46	0	429	\$314,800	\$178,600	\$493,400	0	1	0	0

Supplemental Table 10. VFIRS Summary Data By Locality, Virginia, 2007

FIPS	County/City	Total Incidents	Aid Given	Fire Exposures	Grand Total	Total Loss Property	Total Loss Contents	Total Fire Dollar Loss	Civilian Fire Injuries	Civilian Fire Deaths	Fire Service Injuries	Fire Service Deaths
185	Tazewell County	2,393	80	1	2,474	\$281,210	\$100,520	\$381,730	0	1	2	0
187	Warren County	3,929	1,778	1	5,708	\$203,820	\$227,500	\$431,320	0	0	2	0
191	Washington County	1,219	43	4	1,266	\$368,250	\$83,650	\$451,900	2	2	0	0
193	Westmoreland County	1,101	209	0	1,310	\$512,700	\$147,000	\$659,700	0	0	0	0
195	Wise County	916	39	4	959	\$986,381	\$369,950	\$1,356,331	7	3	0	0
197	Wythe County	603	36	0	639	\$1,383,350	\$542,200	\$1,925,550	2	0	1	0
199	York County	7,979	776	0	8,755	\$759,325	\$136,990	\$896,315	3	0	12	0
510	Alexandria	15,766	6	0	15,772	\$1,781,330	\$160,675	\$1,942,005	1	0	2	0
515	Bedford	744	153	2	899	\$285,500	\$24,700	\$310,200	0	0	0	0
520	Bristol	1,959	56	0	2,015	\$628,505	\$329,390	\$957,895	4	1	13	0
530	Buena Vista	230	183	0	413	\$560,100	\$49,650	\$609,750	1	0	1	0
540	Charlottesville	4,518	502	11	5,031	\$869,920	\$240,755	\$1,110,675	4	1	1	0
550	Chesapeake	24,641	94	29	24,764	\$5,850,623	\$1,704,182	\$7,554,805	31	2	2	0
570	Colonial Heights	4,478	252	9	4,739	\$195,795	\$86,205	\$282,000	3	1	8	0
580	Covington	206	39	0	245	\$277,600	\$74,600	\$352,200	1	1	2	0
590	Danville	5,086	0	9	5,095	\$1,202,044	\$442,974	\$1,645,018	11	0	5	0
595	Emporia	370	16	1	387	\$542,600	\$179,200	\$721,800	0	0	0	0
600	Fairfax	3,071	861	0	3,932	\$1,459,678	\$370,266	\$1,829,944	0	0	0	0
610	Falls Church **	-	-	-	-	-	-	-	-	-	-	-
620	Franklin	581	359	1	941	\$477,875	\$140,580	\$618,455	4	3	0	0
630	Fredericksburg	2,679	333	0	3,012	\$241,000	\$50,500	\$291,500	1	0	2	0
640	Galax	198	12	1	211	\$29,000	\$10,000	\$39,000	0	0	0	0
650	Hampton	21,574	75	11	21,660	\$2,695,795	\$809,500	\$3,505,295	14	2	4	0
660	Harrisonburg	4,010	39	0	4,049	\$4,150	\$0	\$4,150	0	0	0	0
670	Hopewell	3,154	103	0	3,257	\$260,064	\$141,860	\$401,924	6	0	3	0
678	Lexington	102	24	0	126	\$252,000	\$82,100	\$334,100	0	0	0	0
680	Lynchburg	6,269	9	2	6,280	\$868,711	\$330,925	\$1,199,636	5	1	8	0
683	Manassas	1,315	757	6	2,078	\$1,472,440	\$895,740	\$2,368,180	7	0	2	0
685	Manassas Park	1,047	1,041	4	2,092	\$731,700	\$228,000	\$959,700	0	0	0	0
690	Martinsville	2,645	35	6	2,686	\$2,876,095	\$224,350	\$3,100,445	5	0	1	0
700	Newport News	12,213	39	63	12,315	\$9,042,369	\$0	\$9,042,369	39	5	9	0
710	Norfolk	20,741	6	12	20,759	\$783,023	\$206,072	\$989,095	5	0	0	0
720	Norton	90	0	0	90	\$500	\$0	\$500	0	0	0	0
730	Petersburg	3,277	116	5	3,398	\$1,346,513	\$0	\$1,346,513	15	7	4	0
735	Poquoson	408	1	0	409	\$301,300	\$51,500	\$352,800	0	0	0	0
740	Portsmouth	15,496	71	12	15,579	\$4,299,050	\$1,151,925	\$5,450,975	2	1	1	0
750	Radford	636	1	1	638	\$873,600	\$166,200	\$1,039,800	2	0	0	0
760	Richmond	27,212	35	72	27,319	\$15,381,887	\$0	\$15,381,887	47	6	14	0
770	Roanoke	22,988	198	25	23,211	\$2,592,190	\$1,104,520	\$3,696,710	31	1	4	0
775	Salem	1,953	50	0	2,003	\$455,880	\$121,150	\$577,030	0	0	0	0
790	Staunton	2,277	327	0	2,604	\$139,739	\$12,050	\$151,789	2	0	2	0
800	Suffolk	10,657	221	2	10,880	\$2,572,322	\$574,836	\$3,147,158	4	1	5	0
810	Virginia Beach	28,080	35	74	28,189	\$20,819,283	\$4,630,391	\$25,449,674	42	4	12	0
820	Waynesboro	2,107	75	0	2,182	\$733,050	\$328,370	\$1,061,420	4	0	4	0

Supplemental Table 10. VFIRS Summary Data By Locality, Virginia, 2007

FIPS	County/City	Total Incidents	Aid Given	Fire Exposures	Grand Total	Total Loss Property	Total Loss Contents	Total Fire Dollar Loss	Civilian Fire Injuries	Civilian Fire Deaths	Fire Service Injuries	Fire Service Deaths
830	Williamsburg	2,557	464	0	3,021	\$150,765	\$32,000	\$182,765	0	0	1	0
840	Winchester	5,014	535	3	5,552	\$376,660	\$13,930	\$390,590	4	0	1	0
Grand Total		600,385	36,875	689	637,949	\$248,174,367	\$78,124,527	\$326,298,894	455	82	235	3

Note: Data is compiled from information reported to the Virginia Fire Incident Reporting System (VFIRS) for 2007 as of 04/22/2008. Localities shown above with dashes (-) did not have any incidents reported to VFIRS by their local fire departments. For all frequency or incident counts, mutual/automatic aid given and fire exposure incidents were excluded from the numbers. For casualty statistical information, mutual/automatic aid given incidents were included for all fire service and excluded for all civilian data, and, in addition, fire exposure incidents were included with all casualty numbers. For dollar loss amounts, mutual/automatic aid given incidents were excluded and exposure incidents were included with the numbers. Totals may not match other statistical tables due to the designated grouping of VFIRS fire departments. Numbers do not include incidents reports by Military, Federal, or Airport (FIPS 920) fire departments.

* Greensville County does not currently have fire service in their locality. Emergency response for their area is handled by Emporia Fire Dept. (FDID 59500) and Jarrett Vol. Fire Dept. (FDID 18301).

** The City of Falls Church currently participates in VFIRS, but due to contractual arrangements with Arlington County (FIPS 013), their statistical information cannot be tabulated and, therefore, is combined with the incidents from Arlington County.

Supplemental Table 11. VFIRS Rate Summary By Locality, Virginia, 2007

FIPS	County/City	Census Population	Fire Department Participation	Total Incidents	Total Fire Dollar Loss	Total Casualties (Injuries / Deaths)	Incident Rate Per 1,000 Residents	Average Dollar Loss Per Fire Incident	Casualty Rate Per 100,000 Residents
001	Accomack County	38,305	92.9%	960	\$1,915,020	0	27.0	\$7,913	0.0
003	Albemarle County	79,236	100.0%	7,167	\$8,655,789	3	90.5	\$15,212	3.8
005	Alleghany County	17,215	85.7%	499	\$455,810	0	33.8	\$5,180	0.0
007	Amelia County	11,400	100.0%	386	\$541,400	1	33.9	\$9,334	8.8
009	Amherst County	31,894	100.0%	582	\$1,159,558	3	18.2	\$8,109	9.4
011	Appomattox County	13,705	50.0%	291	\$1,071,825	0	42.5	\$14,103	0.0
013	Arlington County	189,453	100.0%	22,932	\$8,154,583	8	121.0	\$12,281	4.2
015	Augusta County	65,615	100.0%	6,424	\$2,878,530	8	97.9	\$7,107	12.2
017	Bath County	5,048	0.0%	No Incidents Reported					
019	Bedford County	60,371	100.0%	1,907	\$1,403,650	3	31.6	\$4,617	5.0
021	Bland County	6,871	83.3%	56	\$181,420	2	9.8	\$5,336	34.9
023	Botetourt County	30,496	100.0%	865	\$40,350	0	28.4	\$237	0.0
025	Brunswick County	18,419	85.7%	865	\$1,293,720	0	54.8	\$11,869	0.0
027	Buchanan County	26,978	70.0%	435	\$996,200	1	23.0	\$10,063	5.3
029	Buckingham County	15,623	75.0%	282	\$1,372,950	1	24.1	\$13,330	8.5
031	Campbell County	51,078	100.0%	1,705	\$1,833,635	0	33.4	\$5,625	0.0
033	Caroline County	22,121	33.3%	848	\$287,500	0	115.0	\$26,136	0.0
035	Carroll County	29,245	100.0%	585	\$2,116,500	4	20.0	\$12,026	13.7
036	Charles City County	6,926	100.0%	226	\$722,060	0	32.6	\$10,315	0.0
037	Charlotte County	12,472	57.1%	206	\$649,405	2	28.9	\$9,693	28.1
041	Chesterfield County	259,903	100.0%	29,349	\$9,474,970	66	112.9	\$6,739	25.4
043	Clarke County	12,652	100.0%	665	\$1,047,720	0	52.6	\$34,924	0.0
045	Craig County	5,091	60.0%	155	\$608,510	0	50.7	\$12,677	0.0
047	Culpeper County	34,262	71.4%	1,290	\$819,010	0	52.7	\$5,087	0.0
049	Cumberland County	9,017	66.7%	131	\$581,400	0	21.8	\$15,714	0.0
051	Dickenson County	16,395	75.0%	409	\$377,470	3	33.3	\$6,291	24.4
053	Dinwiddie County	24,533	100.0%	1,866	\$1,939,641	3	76.1	\$9,462	12.2
057	Essex County	9,989	100.0%	187	\$408,000	0	18.7	\$12,000	0.0
059	Fairfax County	969,749	100.0%	80,863	\$41,925,185	5	83.4	\$15,744	0.5
061	Fauquier County	55,139	90.0%	3,432	\$2,582,505	2	69.2	\$11,327	4.0
063	Floyd County	13,874	100.0%	326	\$0	0	23.5	\$0	0.0
065	Fluvanna County	20,047	0.0%	No Incidents Reported					
067	Franklin County	47,286	81.8%	1,154	\$2,597,160	18	29.8	\$12,251	46.5
069	Frederick County	59,209	100.0%	7,196	\$802,630	6	121.5	\$13,377	10.1
071	Giles County	16,657	87.5%	535	\$1,195,451	3	36.7	\$11,606	20.6
073	Gloucester County	34,780	100.0%	1,616	\$506,770	0	46.5	\$4,736	0.0
075	Goochland County	16,863	100.0%	635	\$8,575	0	37.7	\$1,429	0.0
077	Grayson County	17,917	66.7%	133	\$1,947,500	0	11.1	\$43,278	0.0
079	Greene County	15,244	33.3%	555	\$9,100	0	109.2	\$132	0.0
081	Greensville County *	11,560	0.0%	-	-	-	-	-	-
083	Halifax County	37,355	91.7%	2,862	\$2,668,975	3	83.6	\$8,088	8.8
085	Hanover County	86,320	100.0%	8,358	\$5,643,326	5	96.8	\$20,155	5.8
087	Henrico County	262,300	100.0%	37,986	\$10,573,735	35	144.8	\$8,405	13.3
089	Henry County	57,930	100.0%	1,348	\$1,986,650	3	23.3	\$6,020	5.2

Supplemental Table 11. VFIRS Rate Summary By Locality, Virginia, 2007

FIPS	County/City	Census Population	Fire Department Participation	Total Incidents	Total Fire Dollar Loss	Total Casualties (Injuries / Deaths)	Incident Rate Per 1,000 Residents	Average Dollar Loss Per Fire Incident	Casualty Rate Per 100,000 Residents
091	Highland County	2,536	0.0%	No Incidents Reported					
093	Isle of Wight County	29,728	80.0%	1,253	\$397,820	0	52.7	\$4,680	0.0
095	James City County	48,102	100.0%	8,041	\$3,056,991	7	167.2	\$35,546	14.6
097	King and Queen County	6,630	25.0%	58	\$0	0	35.0	\$0	0.0
099	King George County	16,803	100.0%	1,083	\$1,236,890	6	64.5	\$10,138	35.7
101	King William County	13,146	33.3%	36	\$168,500	0	8.2	\$18,722	0.0
103	Lancaster County	11,567	0.0%	25	\$360,000	0	0.0	\$90,000	0.0
105	Lee County	23,589	70.0%	324	\$1,945,675	2	19.6	\$12,472	12.1
107	Loudoun County	169,599	100.0%	12,563	\$6,985,872	14	74.1	\$12,128	8.3
109	Louisa County	25,627	71.4%	1,147	\$185,702	1	62.7	\$2,110	5.5
111	Lunenburg County	13,146	100.0%	1,168	\$705,400	0	88.8	\$6,413	0.0
113	Madison County	12,520	100.0%	144	\$0	0	11.5	\$0	0.0
115	Mathews County	9,207	100.0%	230	\$224,650	0	25.0	\$3,873	0.0
117	Mecklenburg County	32,380	100.0%	1,061	\$668,975	2	32.8	\$3,201	6.2
119	Middlesex County	9,932	75.0%	180	\$15,000,000	0	24.2	\$468,750	0.0
121	Montgomery County	83,629	80.0%	2,214	\$778,450	1	33.1	\$4,805	1.5
125	Nelson County	14,445	100.0%	779	\$709,100	0	53.9	\$8,058	0.0
127	New Kent County	13,462	0.0%	No Incidents Reported					
131	Northampton County	13,093	80.0%	1,188	\$161,900	0	113.4	\$2,570	0.0
133	Northumberland County	12,259	50.0%	262	\$1,169,100	2	42.7	\$16,238	32.6
135	Nottoway County	15,725	100.0%	506	\$306,725	0	32.2	\$4,793	0.0
137	Orange County	25,881	50.0%	3,637	\$994,067	4	281.1	\$8,215	30.9
139	Page County	23,177	100.0%	1,259	\$1,535,350	2	54.3	\$8,577	8.6
141	Patrick County	19,407	100.0%	1,128	\$2,342,450	2	58.1	\$15,411	10.3
143	Pittsylvania County	61,745	85.7%	4,611	\$2,412,882	4	87.1	\$5,914	7.6
145	Powhatan County	22,377	100.0%	1,627	\$1,366,052	2	72.7	\$10,842	8.9
147	Prince Edward County	19,720	80.0%	462	\$676,825	6	29.3	\$7,278	38.0
149	Prince George County	33,047	100.0%	1,109	\$0	1	33.6	\$0	3.0
153	Prince William County	280,813	100.0%	8,087	\$39,999,996	1	28.8	\$36,799	0.4
155	Pulaski County	35,127	87.5%	1,084	\$641,795	2	35.3	\$3,962	6.5
157	Rappahannock County	6,983	100.0%	592	\$1,481,850	0	84.8	\$51,098	0.0
159	Richmond County	8,809	0.0%	No Incidents Reported					
161	Roanoke County	85,778	100.0%	11,121	\$2,898,504	7	129.6	\$23,955	8.2
163	Rockbridge County	20,808	66.7%	1,368	\$776,525	0	98.6	\$8,350	0.0
165	Rockingham County	67,725	100.0%	5,288	\$671,250	11	78.1	\$13,425	16.2
167	Russell County	30,308	71.4%	262	\$213,850	1	12.1	\$2,516	4.6
169	Scott County	23,403	71.4%	394	\$872,275	0	23.6	\$9,912	0.0
171	Shenandoah County	35,075	77.8%	1,200	\$193,000	2	44.0	\$3,712	7.3
173	Smyth County	33,081	100.0%	1,444	\$1,908,005	5	43.7	\$12,076	15.1
175	Southampton County	17,482	62.5%	298	\$720,331	4	27.3	\$7,350	36.6
177	Spotsylvania County	90,395	100.0%	6,273	\$2,430,151	10	69.4	\$5,705	11.1
179	Stafford County	92,446	100.0%	9,647	\$1,539,500	5	104.4	\$15,871	5.4
181	Surry County	6,829	33.3%	88	\$132,300	2	38.7	\$4,410	87.9
183	Sussex County	12,504	80.0%	383	\$493,400	1	38.3	\$7,832	10.0

Supplemental Table 11. VFIRS Rate Summary By Locality, Virginia, 2007

FIPS	County/City	Census Population	Fire Department Participation	Total Incidents	Total Fire Dollar Loss	Total Casualties (Injuries / Deaths)	Incident Rate Per 1,000 Residents	Average Dollar Loss Per Fire Incident	Casualty Rate Per 100,000 Residents
185	Tazewell County	44,598	43.8%	2,393	\$381,730	3	122.6	\$2,766	15.4
187	Warren County	31,584	100.0%	3,929	\$431,320	2	124.4	\$33,178	6.3
191	Washington County	51,103	66.7%	1,219	\$451,900	4	35.8	\$2,282	11.7
193	Westmoreland County	16,718	100.0%	1,101	\$659,700	0	65.9	\$8,144	0.0
195	Wise County	40,123	100.0%	916	\$1,356,331	10	22.8	\$8,865	24.9
197	Wythe County	27,599	100.0%	603	\$1,925,550	3	21.8	\$10,081	10.9
199	York County	56,297	100.0%	7,979	\$896,315	15	141.7	\$3,488	26.6
510	Alexandria	128,283	100.0%	15,766	\$1,942,005	3	122.9	\$6,012	2.3
515	Bedford	6,299	100.0%	744	\$310,200	0	118.1	\$3,447	0.0
520	Bristol	17,367	100.0%	1,959	\$957,895	18	112.8	\$5,913	103.6
530	Buena Vista	6,349	100.0%	230	\$609,750	2	36.2	\$43,554	31.5
540	Charlottesville	45,049	100.0%	4,518	\$1,110,675	6	100.3	\$4,628	13.3
550	Chesapeake	199,184	100.0%	24,641	\$7,554,805	35	123.7	\$8,422	17.6
570	Colonial Heights	16,897	100.0%	4,478	\$282,000	12	265.0	\$2,370	71.0
580	Covington	6,303	100.0%	206	\$352,200	4	32.7	\$8,386	63.5
590	Danville	48,411	100.0%	5,086	\$1,645,018	16	105.1	\$3,730	33.1
595	Emporia	5,665	100.0%	370	\$721,800	0	65.3	\$5,468	0.0
600	Fairfax	21,498	100.0%	3,071	\$1,829,944	0	142.9	\$13,455	0.0
610	Falls Church **	10,377	100.0%	-	-	-	-	-	-
620	Franklin	8,346	100.0%	581	\$618,455	7	69.6	\$14,056	83.9
630	Fredericksburg	19,279	100.0%	2,679	\$291,500	3	139.0	\$2,208	15.6
640	Galax	6,837	100.0%	198	\$39,000	0	29.0	\$696	0.0
650	Hampton	146,437	100.0%	21,574	\$3,505,295	20	147.3	\$5,409	13.7
660	Harrisonburg	40,468	100.0%	4,010	\$4,150	0	99.1	\$1,383	0.0
670	Hopewell	22,354	100.0%	3,154	\$401,924	9	141.1	\$2,610	40.3
678	Lexington	6,867	0.0%	102	\$334,100	0	0.0	\$14,526	0.0
680	Lynchburg	65,269	100.0%	6,269	\$1,199,636	14	96.0	\$2,720	21.4
683	Manassas	35,135	100.0%	1,315	\$2,368,180	9	37.4	\$14,529	25.6
685	Manassas Park	10,290	100.0%	1,047	\$959,700	0	101.7	\$21,327	0.0
690	Martinsville	15,416	100.0%	2,645	\$3,100,445	6	171.6	\$31,963	38.9
700	Newport News	180,150	100.0%	12,213	\$9,042,369	53	67.8	\$11,068	29.4
710	Norfolk	234,403	100.0%	20,741	\$989,095	5	88.5	\$5,179	2.1
720	Norton	3,904	100.0%	90	\$500	0	23.1	\$16	0.0
730	Petersburg	33,740	100.0%	3,277	\$1,346,513	26	97.1	\$5,985	77.1
735	Poquoson	11,566	100.0%	408	\$352,800	0	35.3	\$6,415	0.0
740	Portsmouth	100,565	100.0%	15,496	\$5,450,975	4	154.1	\$16,127	4.0
750	Radford	15,859	100.0%	636	\$1,039,800	2	40.1	\$13,331	12.6
760	Richmond	197,790	100.0%	27,212	\$15,381,887	67	137.6	\$10,682	33.9
770	Roanoke	94,911	100.0%	22,988	\$3,696,710	36	242.2	\$5,822	37.9
775	Salem	24,747	100.0%	1,953	\$577,030	0	78.9	\$17,486	0.0
790	Staunton	23,853	100.0%	2,277	\$151,789	4	95.5	\$7,228	16.8
800	Suffolk	63,677	100.0%	10,657	\$3,147,158	10	167.4	\$17,198	15.7
810	Virginia Beach	425,257	100.0%	28,080	\$25,449,674	58	66.0	\$24,853	13.6
820	Waynesboro	19,520	100.0%	2,107	\$1,061,420	8	107.9	\$11,926	41.0

Supplemental Table 11. VFIRS Rate Summary By Locality, Virginia, 2007

FIPS	County/City	Census Population	Fire Department Participation	Total Incidents	Total Fire Dollar Loss	Total Casualties (Injuries / Deaths)	Incident Rate Per 1,000 Residents	Average Dollar Loss Per Fire Incident	Casualty Rate Per 100,000 Residents
830	Williamsburg	11,998	100.0%	2,557	\$182,765	1	213.1	\$2,728	8.3
840	Winchester	23,585	100.0%	5,014	\$390,590	5	212.6	\$6,403	21.2
Virginia Total		7,078,515	94.9%	600,385	\$326,298,894	775	89.4	\$11,670	11.5

Note: Data is compiled from information reported to the Virginia Fire Incident Reporting System (VFIRS) for 2007 as of 04/22/2008. Localities shown above with dashes (-) did not have any incidents reported to VFIRS by their local fire departments. For all frequency or incident counts, mutual/automatic aid given and fire exposure incidents were excluded from the numbers. For casualty statistical information, mutual/automatic aid given incidents were included for all fire service and excluded for all civilian data, and, in addition, fire exposure incidents were included with all casualty numbers. For dollar loss amounts, mutual/automatic aid given incidents were excluded and exposure incidents were included with the numbers. Totals may not match other statistical tables due to the designated grouping of VFIRS fire departments. Numbers do not include incidents reports by Military, Federal, or Airport (FIPS 920) fire departments.

* Greensville County does not currently have fire service in their locality. Emergency response for their area is handled by Emporia Fire Dept. (FDID 59500) and Jarrett Vol. Fire Dept. (FDID 18301).

** The City of Falls Church currently participates in VFIRS, but due to contractual arrangements with Arlington County (FIPS 013), their statistical information cannot be tabulated and, therefore, is combined with the incidents from Arlington County.

Chapter 4 Training



Virginia Fire Service Needs Assessment:

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

Volume V - January 2009

Chapter 4 - Training

FSTRS (Fire Service Training Record 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.

Type of Schools

VDFP coordinated a total 2,163 schools in FY 2008 in Virginia, including 552 funded schools (26%), 1,560 non-funded schools (72%) and 51 reimbursable schools (2%). (See Figure 42 and Table 27.) The total number of schools have remained steady during the last few years with 2,096 schools conducted in FY 2007 and 2,125 conducted in FY 2006. The number of non-funded schools in FY 2008 increased by 46 from FY 2007. (See Figure 43.)

Figure 42. Type of Fire Service Schools, FY2008

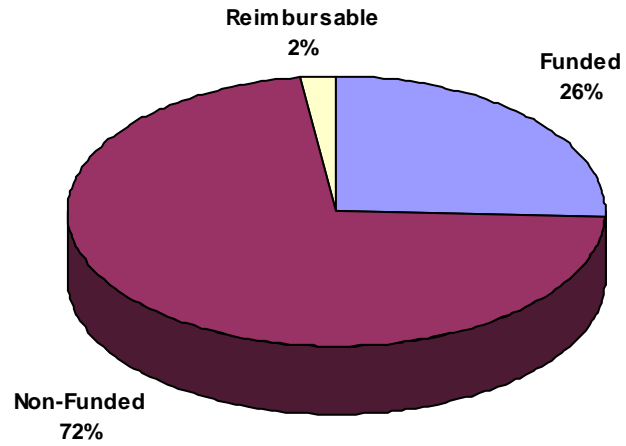
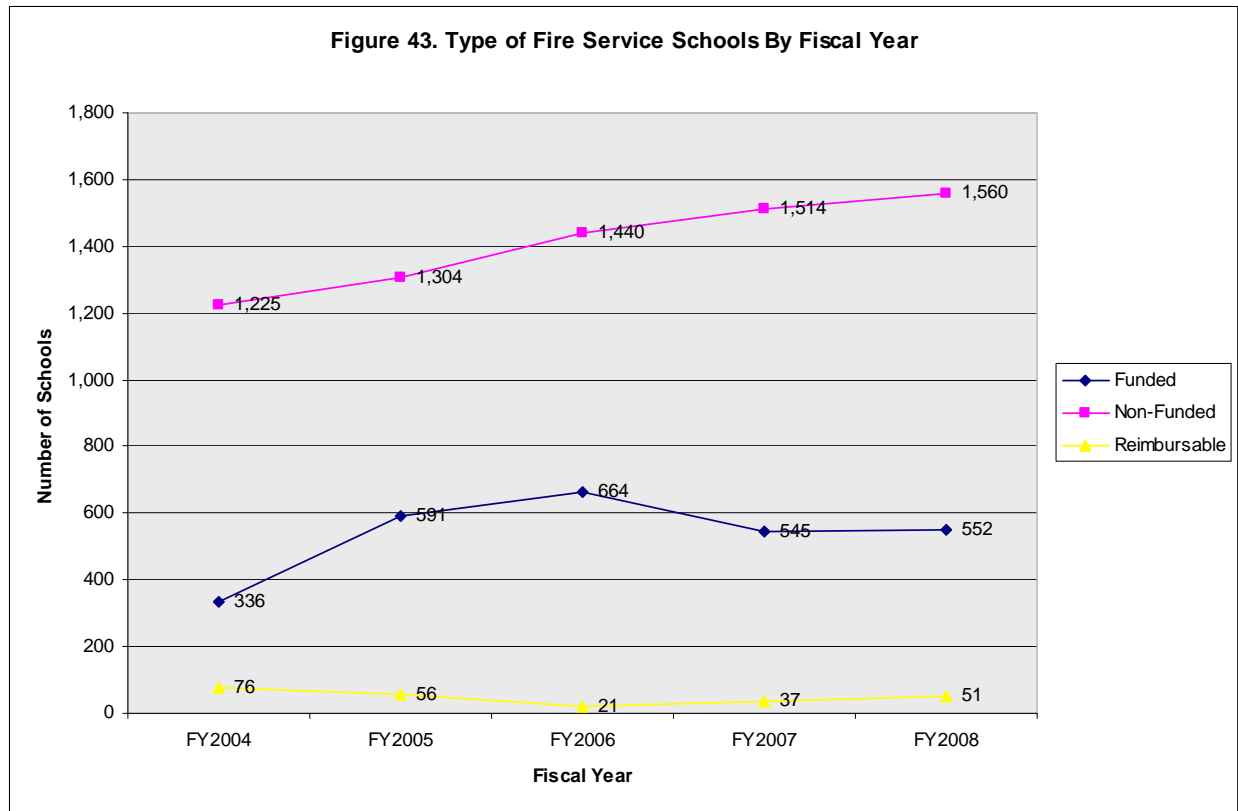


Table 27. Number of Fire Service Schools By Type, FY 2004-2008

School Type	FY2004	FY2005	FY2006	FY2007	FY2008	Grand Total
Funded	336	591	664	545	552	2,688
Non-Funded	1,225	1,304	1,440	1,514	1,560	7,043
Reimbursable	76	56	21	37	51	241
Grand Total	1,637	1,951	2,125	2,096	2,163	9,972



Active Students

Currently, there are 74,659 active students in the Fire Service Training Records System (FSTRS). (See Table 28.)

Table 28. Number of Active Students

Status	Total	Percent
Career	13,934	19%
Volunteer	27,929	37%
Combination	1,912	3%
EMS	8,928	12%
Brigade	4,915	7%
Other	13,003	17%
Unknown	4,038	5%
Grand Total	74,659	100%

Table 29. Number of Active Students By Virginia Region

Region	Career	Volunteer	Combination	EMS	Brigade	Other	Unknown	Grand Total
Central	2,967	8,786	386	2,250	3,696	3,478	816	22,379
Coastal	3,918	3,694	276	1,760	210	1,709	304	11,871
Mountain	257	4,990	132	852	393	537	253	7,414
Northern	2,903	5,259	538	1,569	27	1,038	1,236	12,570
Valley	1,168	4,647	307	1,335	443	686	302	8,888
Grand Total	11,213	27,376	1,639	7,766	4,769	7,448	2,911	63,122

Note: Active students assigned a FIPS code that are not included in a Virginia Region are not included in this table.

A detailed list of the number of active students by personnel type by locality is found in the Supplemental Table 12 at the end of this section.



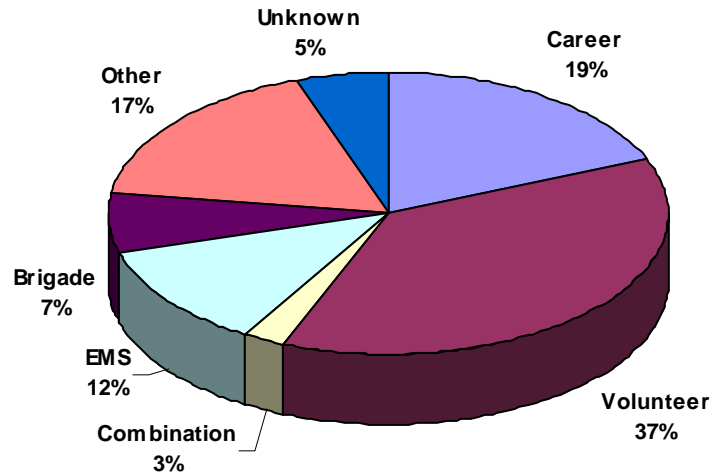
Photo 13. Williamsburg Fire Dept. - Williamsburg, Virginia

"Training Helps Prepare All Types of Personnel for Their Activities."

Personnel Type

Student's classifications were derived from all the different types of fire service. Volunteer firefighters account for 37 percent of the students and paid career firefighters make up 19 percent. (See Figure 44.)

Figure 44. Active Students By Status



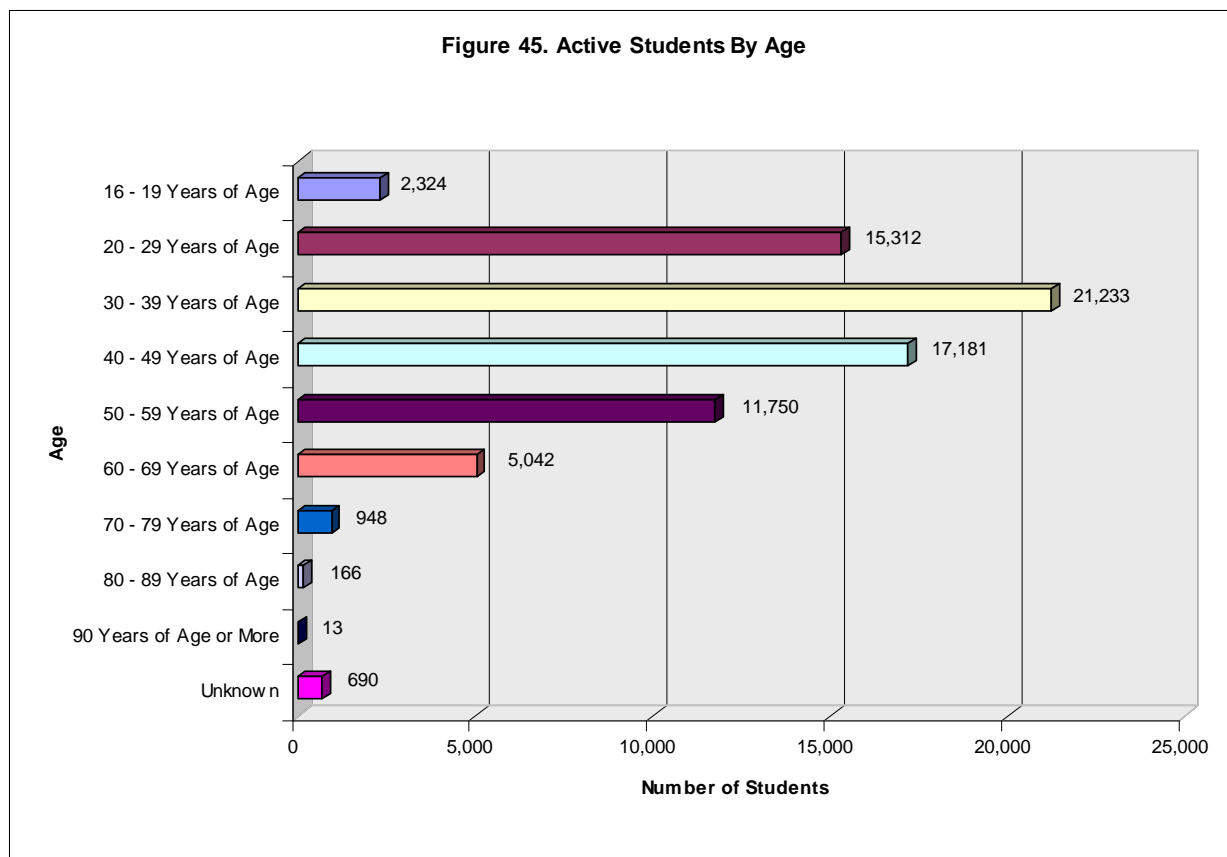
Student Demographics

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 (81%). When compiling the statistics on race among students, 82 percent are white. (See Table 30.)

Table 30. Active Students By Race By Sex

Race	Female	Male	Unknown	Grand Total	Percent
White	11,162	50,147	20	61,329	82.1%
Black	1,177	5,011	5	6,193	8.3%
Hispanic	262	919	0	1,181	1.6%
Asian and Asian American	168	483	1	652	0.9%
American Indian	84	277	0	361	0.5%
Other	110	285	0	395	0.5%
Unknown	971	3,340	237	4,548	6.1%
Grand Total	13,934	60,462	263	74,659	100.0%
Percent	18.7%	81.0%	0.4%		

Twenty-eight percent (28%) of the active students are currently between the ages of 30 and 39 years of age. (See Figure 45.)



Education Level

Currently, the active student records in FSTRS show that 37 percent of students are high school graduates, 33 percent attended college and/or have an associate's degree, and 12 percent are college graduates. (See Figure 46.)

Title

Fire fighters accounted for 43 percent of the active students. (See Figure 47.)

Figure 46. Active Sudents By Education Level

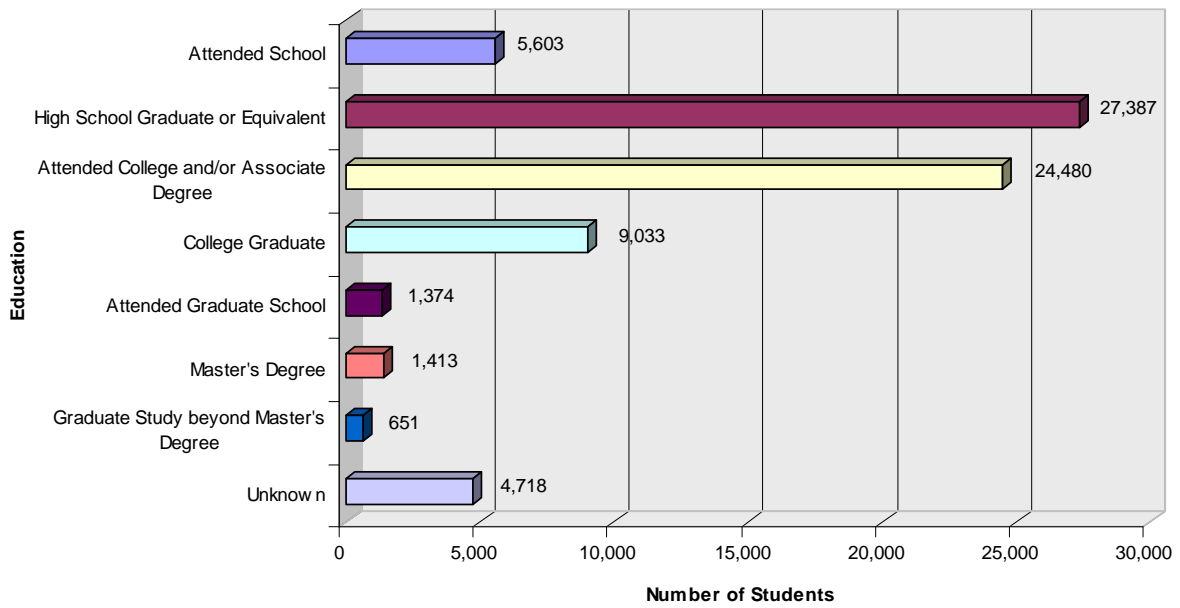
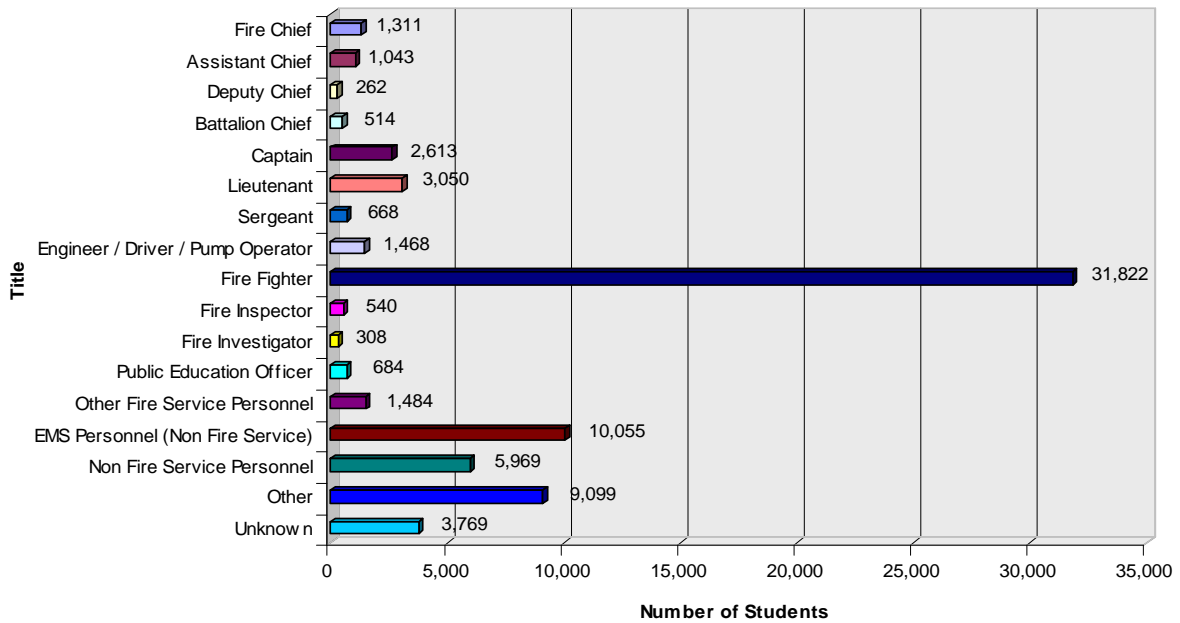


Figure 47. Active Students By Title



Certifications

There are currently 178,763 students certified in a specific training area. (See Table31.)

Table 31. Certifications By Type By Virginia Region

Code	Certification Description	Central	Coastal	Mountain	Northern	Valley	Grand Total
A	FIRE FIGHTER TRAINING	2,193	1,009	870	1,191	965	6,228
B	FIRE APPARATUS DRIVER/OPERATOR	40	43	1	14	7	105
C	FIRE OFFICER TRAINING	1,461	2,020	171	1,588	999	6,239
D	FIRE PREVENTION INSPECTOR TRAINING	285	226	32	398	98	1,039
E	FIRE INVESTIGATOR TRAINING	317	171	44	225	130	887
F	FIRE PREVENTION EDUCATION OFFICER TRAINING	164	47	7	21	52	291
G	FIRE SERVICES TRAINING INSTRUCTOR	2,983	2,899	552	2,188	1,367	9,989
H	AIRPORT FIRE FIGHTER TRAINING	112	155	2	139	50	458
I	FIRST RESPONDER; EMT/CCT	45	0	0	2	13	60
J	EEO/AA HUMAN RELATIONS INSTRUCTOR	12	0	0	0	1	13
K	FIRE ATTACK	19	3	0	1	1	24
L	HAZARDOUS MATERIAL INCIDENT INSTRUCTOR	160	191	60	167	95	673
M	HAZARDOUS MATERIAL INCIDENT TRAINING	17,623	13,802	4,922	12,980	7,334	56,661
P	INDUSTRIAL FIRE BRIGADE	2,116	130	161	6	440	2,853
Q	FARM MACHINERY SAFETY & EXTRICATION	318	119	262	49	141	889
R	HEAVY AND TACTICAL RESCUE NFPA 1006	177	887	72	228	255	1,619
S	DRIVER/OPERATOR CERTIFICATION PROGRAM	9,428	9,127	5,744	6,020	6,999	37,318
T	PUBLIC FIRE & LIFE SAFETY EDUCATION	209	480	33	361	65	1,148
U	FIREFIGHTER CERTIFICATION COURSE (NFPA 1001)	8,416	6,336	2,029	8,190	4,342	29,313
V	EMERGENCY VEHICLE OPERATIONS COURSE	6,695	4,839	2,542	4,509	4,337	22,922
X	MOTORSPORTS EMERGENCY RESPONSE TRAINING (NFPA 61)	2	4	9	5	14	34
Grand Total		52,775	42,488	17,513	38,282	27,705	178,763

Please see Supplemental Table 13 for the current number of certifications by Virginia region by certification type.

Note: **Data is compiled from information from the Fire Service Training Record System (FSTRS) as of 12/02/2008.**

Active students are individuals who have taken a VDFP training course within the last 5 years and is not meant to be an exact count of the number of fire service personnel in Virginia.

Supplemental Table 12. Number of Active Students By Personnel Type By Locality

FIPS	County/City	Career	Volunteer	Combination	EMS	Brigade	Other	Unknown	Grand Total
001	Accomack County	36	451	33	83	1	18	10	632
003	Albemarle County	77	585	21	101	2	49	18	853
005	Alleghany County	2	326	8	10	0	7	10	363
007	Amelia County	1	98	4	7	0	1	1	112
009	Amherst County	15	128	8	53	129	35	3	371
011	Appomattox County	1	89	1	7	69	12	8	187
013	Arlington County	415	59	15	5	1	22	22	539
015	Augusta County	44	565	34	77	104	62	40	926
017	Bath County	0	54	2	11	0	0	5	72
019	Bedford County	9	467	12	210	119	114	20	951
021	Bland County	4	136	1	11	0	9	3	164
023	Botetourt County	10	325	7	68	1	14	7	432
025	Brunswick County	3	192	3	40	0	21	13	272
027	Buchanan County	7	278	0	20	0	4	10	319
029	Buckingham County	2	130	2	37	0	5	2	178
031	Campbell County	6	449	7	129	179	107	13	890
033	Caroline County	21	281	17	91	0	43	25	478
035	Carroll County	0	220	5	41	1	10	6	283
036	Charles City County	0	78	0	2	0	4	3	87
037	Charlotte County	1	159	0	12	42	8	17	239
041	Chesterfield County	535	407	34	158	1,740	778	132	3,784
043	Clarke County	4	132	2	4	0	3	7	152
045	Craig County	1	135	0	35	0	4	2	177
047	Culpeper County	7	278	18	69	0	62	17	451
049	Cumberland County	0	95	1	44	0	9	6	155
051	Dickenson County	2	140	0	26	1	4	3	176
053	Dinwiddie County	7	252	3	61	0	31	8	362
057	Essex County	0	71	2	20	0	20	0	113
059	Fairfax County	952	151	59	22	0	40	488	1,712
061	Fauquier County	40	494	25	106	0	58	56	779
063	Floyd County	2	118	0	28	0	3	6	157
065	Fluvanna County	0	144	3	9	0	5	5	166
067	Franklin County	28	417	7	77	99	27	23	678
069	Frederick County	63	444	53	43	15	39	25	682
071	Giles County	26	247	9	29	45	7	16	379
073	Gloucester County	2	254	14	106	1	12	10	399
075	Goochland County	4	301	6	51	0	18	10	390
077	Grayson County	7	234	0	65	0	10	10	326
079	Greene County	3	73	1	9	0	10	5	101
083	Halifax County	14	574	7	55	57	45	74	826
085	Hanover County	136	548	39	217	54	271	41	1,306
087	Henrico County	571	39	31	50	148	304	65	1,208

Supplemental Table 12. Number of Active Students By Personnel Type By Locality

FIPS	County/City	Career	Volunteer	Combination	EMS	Brigade	Other	Unknown	Grand Total
089	Henry County	29	347	18	99	263	459	63	1,278
091	Highland County	0	47	0	4	0	1	3	55
093	Isle of Wight County	6	253	12	62	93	18	19	463
095	James City County	109	83	22	33	0	5	8	260
097	King and Queen County	0	57	1	2	0	9	5	74
099	King George County	23	151	7	36	1	45	9	272
101	King William County	1	144	6	9	104	20	9	293
103	Lancaster County	8	102	1	5	0	14	9	139
105	Lee County	0	166	1	13	0	5	7	192
107	Loudoun County	398	1,037	139	438	2	32	62	2,108
109	Louisa County	22	258	8	42	2	23	15	370
111	Lunenburg County	0	174	3	27	0	51	26	281
113	Madison County	3	65	2	23	0	0	4	97
115	Mathews County	0	55	1	12	0	2	1	71
117	Mecklenburg County	3	330	6	71	19	53	26	508
119	Middlesex County	0	93	2	9	1	5	2	112
121	Montgomery County	4	211	8	117	18	22	9	389
125	Nelson County	21	222	11	45	0	17	8	324
127	New Kent County	9	172	8	24	1	26	13	253
131	Northampton County	0	128	4	20	0	6	2	160
133	Northumberland County	1	68	0	11	0	11	8	99
135	Nottoway County	2	164	5	9	0	87	10	277
137	Orange County	24	196	14	33	0	72	23	362
139	Page County	1	114	6	38	0	6	12	177
141	Patrick County	6	319	2	34	2	8	14	385
143	Pittsylvania County	5	678	9	21	39	13	46	811
145	Powhatan County	0	167	3	7	0	18	5	200
147	Prince Edward County	2	256	2	21	0	14	3	298
149	Prince George County	10	305	7	35	1	74	8	440
153	Prince William County	406	1,243	65	218	2	91	336	2,361
155	Pulaski County	22	306	14	53	62	119	29	605
157	Rappahannock County	1	169	6	29	0	7	11	223
159	Richmond County	0	49	1	2	0	26	4	82
161	Roanoke County	161	492	30	231	0	49	41	1,004
163	Rockbridge County	4	355	5	49	0	12	18	443
165	Rockingham County	79	456	44	114	55	83	37	868
167	Russell County	2	194	6	47	0	13	7	269
169	Scott County	1	165	1	4	0	1	3	175
171	Shenandoah County	22	337	23	47	0	17	16	462
173	Smyth County	5	355	9	105	33	64	8	579
175	Southampton County	1	264	9	45	22	3	10	354
177	Spotsylvania County	139	488	45	112	3	326	83	1,196

Supplemental Table 12. Number of Active Students By Personnel Type By Locality

FIPS	County/City	Career	Volunteer	Combination	EMS	Brigade	Other	Unknown	Grand Total
179	Stafford County	93	770	76	307	12	156	51	1,465
181	Surry County	0	75	1	3	1	2	0	82
183	Sussex County	1	108	3	13	126	1	2	254
185	Tazewell County	23	467	24	31	6	92	61	704
187	Warren County	26	276	9	7	0	15	6	339
191	Washington County	8	413	8	31	31	20	6	517
193	Westmoreland County	2	192	8	20	0	34	12	268
195	Wise County	5	254	15	27	1	12	8	322
197	Wythe County	13	215	4	42	10	33	15	332
199	York County	155	81	20	3	0	17	3	279
510	Alexandria	268	34	10	78	0	79	36	505
515	Bedford	5	68	1	3	20	37	4	138
520	Bristol	74	1	2	38	11	23	4	153
530	Buena Vista	3	76	0	7	0	6	7	99
540	Charlottesville	101	97	17	379	3	58	30	685
550	Chesapeake	539	62	15	50	1	115	11	793
570	Colonial Heights	50	84	9	13	1	55	4	216
580	Covington	4	120	2	10	154	20	5	315
590	Danville	175	19	11	27	111	90	7	440
595	Emporia	1	65	0	1	0	9	1	77
600	Fairfax	61	76	21	5	0	4	6	173
610	Falls Church	1	63	2	4	0	9	15	94
620	Franklin	13	139	11	23	0	8	9	203
630	Fredericksburg	53	27	13	58	0	83	15	249
640	Galax	6	53	2	1	73	44	0	179
650	Hampton	364	457	43	192	0	25	28	1,109
660	Harrisonburg	79	54	16	111	19	10	11	300
670	Hopewell	48	4	6	15	187	22	4	286
678	Lexington	3	62	0	34	0	10	3	112
680	Lynchburg	262	14	8	25	127	191	34	661
683	Manassas	27	75	20	26	7	25	10	190
685	Manassas Park	21	14	7	1	0	1	3	47
690	Martinsville	26	21	17	5	14	49	7	139
700	Newport News	608	6	10	15	0	316	6	961
710	Norfolk	751	4	2	1	0	138	7	903
720	Norton	0	29	7	1	0	1	0	38
730	Petersburg	132	3	8	4	0	52	7	206
735	Poquoson	30	66	8	25	0	2	2	133
740	Portsmouth	322	5	2	7	1	1	13	351
750	Radford	12	52	7	11	0	6	5	93
760	Richmond	646	8	15	14	222	199	19	1,123
770	Roanoke	443	59	12	292	0	175	20	1,001

Supplemental Table 12. Number of Active Students By Personnel Type By Locality

FIPS	County/City	Career	Volunteer	Combination	EMS	Brigade	Other	Unknown	Grand Total
775	Salem	84	15	0	79	0	9	5	192
790	Staunton	41	10	7	4	0	20	1	83
800	Suffolk	256	232	12	15	1	31	10	557
810	Virginia Beach	651	282	36	989	4	783	97	2,842
820	Waynesboro	43	37	22	45	59	89	5	300
830	Williamsburg	45	23	5	4	0	4	3	84
840	Winchester	51	156	25	15	36	35	16	334
Grand Total		11,213	27,376	1,639	7,766	4,769	7,448	2,911	63,122

Note: Data is compiled from information from the Fire Service Training Record System (FSTRS) as of 12/02/2008. Active students are individuals who have taken a VDFP training course within the last 5 years and is not meant to be an exact count of the number of fire service personnel in Virginia. Active students assigned a FIPS code not shown above are not included in this table and numbers may not match other tables.

Supplemental Table 13. Number of Certifications By Virginia Region By Certification Type

Code	Certification Description	Level	Central	Coastal	Mountain	Northern	Valley	Grand Total
A	FIRE FIGHTER TRAINING	1	1,052	333	516	492	540	2,933
		2	643	280	216	359	304	1,802
		3	491	381	138	340	121	1,471
		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		2,193	1,009	870	1,191	965	6,228
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	945	1,327	120	898	547	3,837
		2	407	603	47	449	332	1,838
		3	105	77	4	227	103	516
		4	4	6	0	14	17	41
		5	0	7	0	0	0	7
	FIRE OFFICER TRAINING Total		1,461	2,020	171	1,588	999	6,239
D	FIRE PREVENTION INSPECTOR TRAINING	1	8	0	1	10	0	19
		2	277	225	30	385	98	1,015
		3	0	1	1	3	0	5
	FIRE PREVENTION INSPECTOR TRAINING Total		285	226	32	398	98	1,039
E	FIRE INVESTIGATOR TRAINING	1	1	1	0	0	0	2
		2	212	162	32	188	105	699
		3	72	7	1	30	18	128
		4	11	0	0	7	6	24
		6	2	0	0	0	0	2
		7	19	1	11	0	1	32
	FIRE INVESTIGATOR TRAINING Total		317	171	44	225	130	887
F	FIRE PREVENTION EDUCATION OFFICER TRAINING	1	158	34	7	20	45	264
		2	6	12	0	0	7	25
		3	0	1	0	0	0	1
		5	0	0	0	1	0	1
	FIRE PREVENTION EDUCATION OFFICER TRAINING Total		164	47	7	21	52	291
G	FIRE SERVICES TRAINING INSTRUCTOR	1	1,678	1,650	307	1,351	820	5,806
		2	680	765	97	536	308	2,386
		3	561	453	136	269	221	1,640
		4	47	29	12	30	17	135
		5	17	0	0	2	1	20
		6	0	1	0	0	0	1
		7	0	1	0	0	0	1
	FIRE SERVICES TRAINING INSTRUCTOR Total		2,983	2,899	552	2,188	1,367	9,989
H	AIRPORT FIRE FIGHTER TRAINING	1	70	58	1	49	30	208
		2	39	92	1	90	18	240

Supplemental Table 13. Number of Certifications By Virginia Region By Certification Type

Code	Certification Description	Level	Central	Coastal	Mountain	Northern	Valley	Grand Total
		3	1	0	0	0	0	1
		5	0	3	0	0	2	5
		7	2	2	0	0	0	4
	AIRPORT FIRE FIGHTER TRAINING Total		112	155	2	139	50	458
I	FIRST RESPONDER; EMT/CCT	1	8	0	0	0	0	8
		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	2	13	60
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	21	28	27	164
		2	0	0	0	1	0	1
		3	59	84	25	91	45	304
		4	44	76	14	47	23	204
	HAZARDOUS MATERIAL INCIDENT INSTRUCTOR Total		160	191	60	167	95	673
M	HAZARDOUS MATERIAL INCIDENT TRAINING	1	44	28	7	51	32	162
		2	34	19	17	34	23	127
		3	7	11	0	11	6	35
		4	1	1	1	0	0	3
		5	11,365	8,500	3,440	7,237	4,462	35,004
		6	1,793	328	80	94	218	2,513
		7	4,378	4,915	1,377	5,458	2,593	18,721
		8	1	0	0	95	0	96
	HAZARDOUS MATERIAL INCIDENT TRAINING Total		17,623	13,802	4,922	12,980	7,334	56,661
P	INDUSTRIAL FIRE BRIGADE	1	1,626	129	136	3	357	2,251
		2	490	1	25	2	83	601
		5	0	0	0	1	0	1
	INDUSTRIAL FIRE BRIGADE Total		2,116	130	161	6	440	2,853
Q	FARM MACHINERY SAFETY & EXTRICATION	1	318	115	261	49	141	884
		2	0	3	1	0	0	4
		3	0	1	0	0	0	1
	FARM MACHINERY SAFETY & EXTRICATION Total		318	119	262	49	141	889
R	HEAVY AND TACTICAL RESCUE NFPA 1006	1	2	95	7	1	0	105
		2	36	126	5	78	65	310
		3	0	0	1	2	1	4
		4	93	250	53	101	67	564
		5	19	257	1	23	51	351
		6	0	1	0	0	0	1
		7	27	158	5	23	71	284
	HEAVY AND TACTICAL RESCUE NFPA 1006 Total		177	887	72	228	255	1,619
S	DRIVER/OPERATOR CERTIFICATION PROGRAM	1	2,249	2,116	1,971	1,474	2,076	9,886
		2	2,437	2,206	1,859	1,917	1,896	10,315

Supplemental Table 13. Number of Certifications By Virginia Region By Certification Type

Code	Certification Description	Level	Central	Coastal	Mountain	Northern	Valley	Grand Total
		3	3,797	2,626	1,683	1,281	2,236	11,623
		4	257	81	46	355	281	1,020
		5	29	25	69	29	13	165
		6	339	1,504	68	599	245	2,755
		7	320	569	48	365	252	1,554
	DRIVER/OPERATOR CERTIFICATION PROGRAM Total		9,428	9,127	5,744	6,020	6,999	37,318
T	PUBLIC FIRE & LIFE SAFETY EDUCATION	1	175	51	33	232	49	540
		2	31	248	0	128	16	423
		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		209	480	33	361	65	1,148
U	FIREFIGHTER CERTIFICATION COURSE (NFPA 1001)	1	5,007	3,256	1,385	4,492	2,617	16,757
		2	3,396	3,054	642	3,680	1,711	12,483
		3	1	16	0	4	10	31
		4	0	0	0	1	0	1
		5	2	4	1	2	0	9
		6	1	0	0	0	0	1
		7	9	6	1	11	4	31
	FIREFIGHTER CERTIFICATION COURSE (NFPA 1001) Total		8,416	6,336	2,029	8,190	4,342	29,313
V	EMERGENCY VEHICLE OPERATIONS COURSE	1	1,475	601	715	678	684	4,153
		2	2,543	1,814	872	1,963	1,838	9,030
		3	2,619	2,213	917	1,820	1,746	9,315
		4	41	202	38	40	66	387
		5	17	9	0	8	3	37
	EMERGENCY VEHICLE OPERATIONS COURSE Total		6,695	4,839	2,542	4,509	4,337	22,922
X	MOTORSPORTS EMERGENCY RESPONSE TRAINING (NFPA 610)	2	2	0	0	0	12	14
		3	0	4	9	5	2	20
	MOTORSPORTS EMERGENCY RESPONSE TRAINING (NFPA 610) Total		2	4	9	5	14	34
Grand Total			52,775	42,488	17,513	38,282	27,705	178,763

Note: Data is compiled from information from the Fire Service Training Record System (FSTRS) as of 12/02/2008. Active students are individuals who have taken a VDFP training course within the last 5 years and is not meant to be an exact count of the number of fire service personnel in Virginia.

Chapter 5 Funding



Virginia Fire Service Needs Assessment:

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

Volume V - January 2009

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.

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. For FY 2009, the ATL minimums are \$16,000 for counties and cities and \$8,000 for towns. The total ATL amount allocated only increased by 3 percent from FY 2008 to FY 2009. (See Table 32.)

Table 32. Aid to Localities (ATL) Program Allocations, Virginia, FY 2001-2009

Fiscal Year	Amount
FY 2001	\$9,247,021
FY 2002	\$10,277,263
FY 2003	\$10,303,723
FY 2004	\$11,334,129
FY 2005	\$14,604,602
FY 2006	\$16,654,699
FY 2007	\$18,091,829
FY 2008	\$19,539,031
FY 2009	\$20,128,275

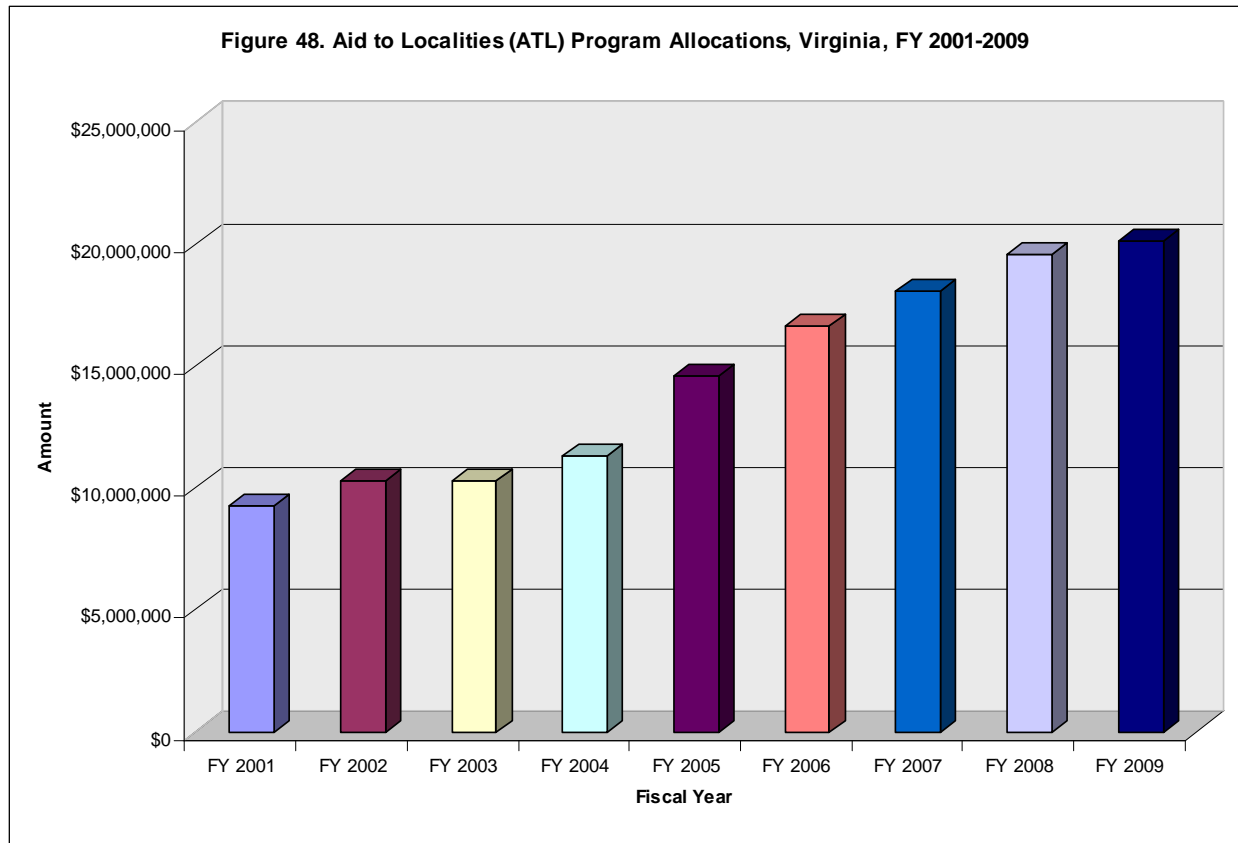


Table 33. Aid to Localities (ATL) Program Allocation Summary, Virginia, FY 2009

Locality	Number of Localities	Population	FY 2009 Allocation	Per Capita
Counties	95	4,287,466	\$11,681,987	\$2.72
Cities	39	2,349,410	\$6,399,453	\$2.72
Towns	190	442,154	\$2,046,835	\$4.63
Virginia	324	7,079,030	\$20,128,275	\$2.84

Please see Supplemental Table 14 at the end of this section for funding amounts by locality with the Aid to Localities (ATL) Program for FY2005-2009.



Photo 14. Winchester Fire & Rescue - Winchester, Virginia

"Grant Funding Helps Pay for Some of the Essential Needs with Fire Departments."

Table 34. Aid to Localities (ATL) Program Allocations, Virginia Counties, FY 2001-2009

Fiscal Year	Total Amount	Total Population	Population		Allocation		Per Capita	
			Mean	Median	Mean	Median	Mean	Median
FY 2001	\$5,059,693	3,547,331	37,340	16,508	\$53,230	\$23,445	\$1.48	\$1.42
FY 2002	\$5,731,946	4,284,839	45,104	19,973	\$60,336	\$26,447	\$1.42	\$1.32
FY 2003	\$5,779,313	4,282,954	45,087	19,973	\$60,835	\$26,768	\$1.43	\$1.34
FY 2004	\$6,427,570	4,287,562	45,136	19,973	\$67,659	\$29,802	\$1.57	\$1.49
FY 2005	\$8,455,631	4,287,466	45,136	19,973	\$89,007	\$39,334	\$2.01	\$1.97
FY 2006	\$9,721,653	4,287,466	45,131	6,630	\$102,333	\$15,021	\$2.30	\$2.27
FY 2007	\$10,419,144	4,287,466	45,131	19,973	\$109,675	\$48,445	\$2.49	\$2.43
FY 2008	\$11,318,012	4,287,466	45,131	19,973	\$119,137	\$52,651	\$2.69	\$2.64
FY 2009	\$11,681,987	4,287,466	45,131	19,973	\$122,968	\$54,353	\$2.77	\$2.72

Table 35. Aid to Localities (ATL) Program Allocations, Virginia Cities, FY 2001-2009

Fiscal Year	Total Amount	Total Population	Population		Allocation		Per Capita	
			Mean	Median	Mean	Median	Mean	Median
FY 2001	\$3,201,221	2,245,124	57,454	21,947	\$81,826	\$31,169	\$1.47	\$1.42
FY 2002	\$3,210,794	2,353,905	60,357	22,354	\$82,328	\$31,041	\$1.48	\$1.39
FY 2003	\$3,182,961	2,353,890	60,357	22,354	\$81,614	\$29,959	\$1.47	\$1.34
FY 2004	\$3,526,310	2,348,863	60,230	22,354	\$90,418	\$33,240	\$1.59	\$1.49
FY 2005	\$4,632,010	2,349,410	60,230	22,354	\$118,769	\$43,872	\$2.00	\$1.97
FY 2006	\$5,325,936	2,349,410	60,241	65,269	\$136,562	\$147,872	\$2.29	\$2.27
FY 2007	\$5,709,426	2,349,410	60,241	22,227	\$146,396	\$54,034	\$2.49	\$2.43
FY 2008	\$6,200,039	2,349,410	60,241	22,227	\$158,975	\$58,724	\$2.68	\$2.64
FY 2009	\$6,399,453	2,349,410	60,241	22,277	\$164,089	\$60,623	\$2.76	\$2.72

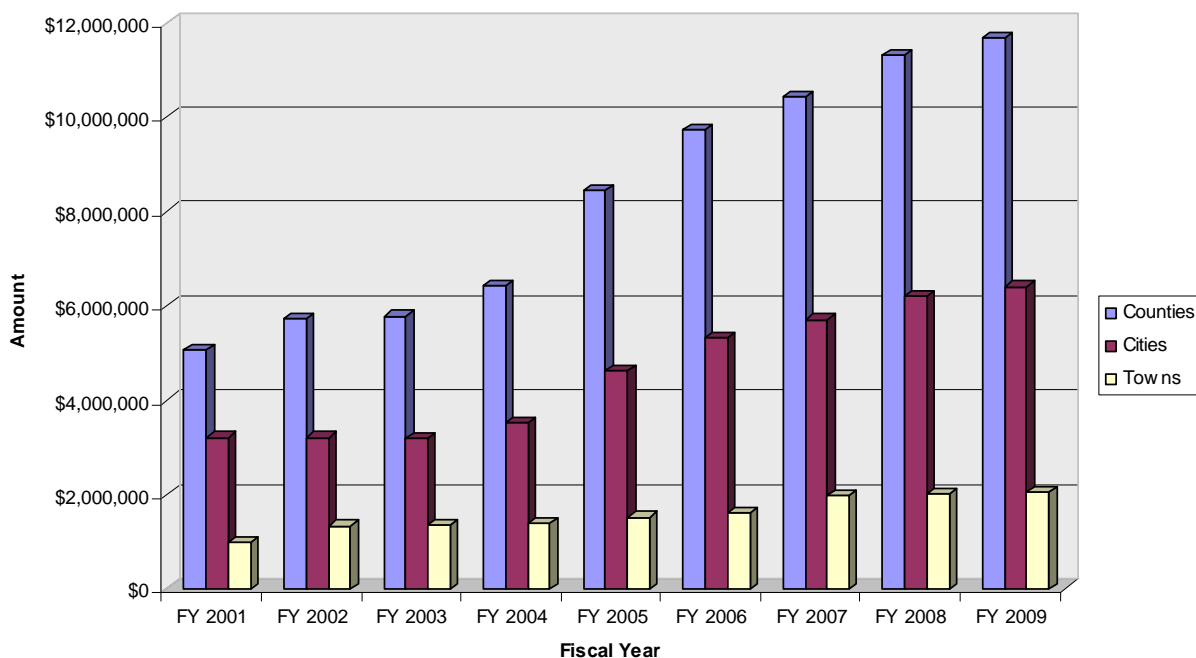
Table 36. Aid to Localities (ATL) Program Allocations, Virginia Towns, FY 2001-2009

Fiscal Year	Total Amount	Total Population	Population		Allocation		Per Capita	
			Mean	Median	Mean	Median	Mean	Median
FY 2001	\$986,107	396,742	2,102	993	\$5,158	\$4,000	\$7.85	\$3.84
FY 2002	\$1,334,522	439,771	2,312	1,008	\$6,992	\$6,000	\$11.80	\$5.85
FY 2003	\$1,341,449	441,678	2,319	1,008	\$6,966	\$6,000	\$11.06	\$5.64
FY 2004	\$1,380,248	442,069	2,327	1,008	\$7,264	\$6,000	\$11.95	\$5.96
FY 2005	\$1,516,961	442,154	2,327	1,008	\$7,978	\$6,000	\$12.33	\$5.96
FY 2006	\$1,607,109	442,154	2,327	995	\$8,458	\$6,000	\$12.08	\$6.03
FY 2007	\$1,963,258	442,154	2,327	1,000	\$10,333	\$8,000	\$15.99	\$8.00
FY 2008	\$2,020,981	442,154	2,327	1,000	\$10,637	\$8,000	\$16.02	\$7.88
FY 2009	\$2,046,835	442,154	2,327	1,008	\$10,773	\$8,000	\$16.04	\$7.94

Table 37. Aid to Localities (ATL) Program Allocations By Locality Type, Virginia, FY 2001-2009

Fiscal Year	Counties	Cities	Towns	Total
FY 2001	\$5,059,693	\$3,201,221	\$986,107	\$9,247,021
FY 2002	\$5,731,946	\$3,210,794	\$1,334,522	\$10,277,263
FY 2003	\$5,779,313	\$3,182,961	\$1,341,449	\$10,303,723
FY 2004	\$6,427,570	\$3,526,310	\$1,380,248	\$11,334,129
FY 2005	\$8,455,631	\$4,632,010	\$1,516,961	\$14,604,602
FY 2006	\$9,721,653	\$5,325,936	\$1,607,109	\$16,654,699
FY 2007	\$10,419,144	\$5,709,426	\$1,963,258	\$18,091,829
FY 2008	\$11,318,012	\$6,200,039	\$2,020,981	\$19,539,031
FY 2009	\$11,681,987	\$6,399,453	\$2,046,835	\$20,128,275

Figure 49. Aid to Localities (ATL) Program Allocations By Locality Type, Virginia, FY 2001 - 2009



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 38. Assistance to Firefighters Grant (AFG) Program Funding, Virginia, FFY 2001-2008

Federal Fiscal Year	Total Number of Applications	Total Amount Requested	Number of Awards	Amount	Average Mean Award
FFY 2001	-	-	23	\$2,066,269	\$89,838
FFY 2002	-	-	98	\$8,790,202	\$89,696
FFY 2003	-	-	152	\$16,413,490	\$107,983
FFY 2004	373	\$65,301,658	155	\$16,998,252	\$109,666
FFY 2005	385	\$65,532,069	121	\$14,881,633	\$122,989
FFY 2006	301	\$47,719,827	79	\$8,317,849	\$105,289
FFY 2007	318	\$56,800,151	62	\$6,798,799	\$109,658
FFY 2008	327	\$57,326,772	20	\$1,613,821	\$80,691

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 2006 at \$76 million and was funded for FFY 2007 at \$115 million.

Table 39. Staffing for Adequate Fire and Emergency Response (SAFER) Grant Funding, Virginia, FFY 2005-2008

Federal Fiscal Year	Total Number of Applications	Total Amount Requested	Number of Awards	Amount	Average Mean Award
FFY 2005	-	-	4	\$2,091,400	\$522,850
FFY 2006	31	\$22,165,284	7	\$3,249,878	\$464,268
FFY 2007	21	\$14,933,589	2	\$782,000	\$391,000
FFY 2008	18	\$12,956,192	0	\$0	-

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 40. Fire Prevention and Safety (FP&S) Grant Funding, Virginia, FFY 2004-2007

Federal Fiscal Year	Total Number of Applications	Total Amount Requested	Number of Awards	Amount	Average Mean Award
FFY 2004	-	-	10	\$1,069,978	\$106,998
FFY 2005	51	\$9,948,728	7	\$2,764,551	\$394,936
FFY 2006	54	\$15,502,802	8	\$4,110,000	\$513,750
FFY 2007	59	\$12,472,616	7	\$1,361,389	\$194,484

Note: Awards for FFY 2008 have not been announced as of 11/20/2008.

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.

Other 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 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. Nineteen localities received grants for FY 2009. (See Table 41.)

Table 41. VFIRS Hardware Grants Awarded By Locality, FY 2009

FIPS	County/Town/City	Grants Awarded	Total
005	Alleghany County	1	\$1,000
023	Botetourt County	1	\$1,000
031	Campbell County	1	\$1,000
063	Floyd County	1	\$1,000
079	Greene County	2	\$2,000
095	James City County	1	\$1,000
097	King & Queen County	3	\$3,000
119	Middlesex County	1	\$1,000
143	Pittsylvania County	4	\$4,000
181	Surry County	1	\$1,000
199	York County	1	\$1,000
313	Town of Bloxom	1	\$1,000
314	Town of Bluefield	1	\$1,000
338	Town of Clarksville	1	\$1,000
339	Town of Cleveland	1	\$1,000
342	Town of Clintwood	1	\$1,000
413	Town of Monterey	1	\$1,000
740	Portsmouth	1	\$1,000
820	Waynesboro	1	\$1,000
Grand Total		25	\$25,000

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.

Supplemental Table 14. Aid To Localities (ATL) Program Allocations By Locality, FY 2005-2009

FIPS	County/Town/City	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Population	FY 2009 Per Capita
001	Accomack County	\$53,835	\$61,932	\$66,305	\$72,060	\$74,390	27,336	\$2.72
003	Albemarle County	\$164,750	\$189,530	\$202,911	\$220,525	\$227,655	83,656	\$2.72
005	Alleghany County	\$24,660	\$28,370	\$30,373	\$33,009	\$34,076	12,522	\$2.72
007	Amelia County	\$22,451	\$25,828	\$27,651	\$30,051	\$31,023	11,400	\$2.72
009	Amherst County	\$58,378	\$67,159	\$71,900	\$78,142	\$80,668	29,643	\$2.72
011	Appomattox County	\$23,144	\$26,625	\$28,505	\$30,979	\$31,981	11,752	\$2.72
013	Arlington County	\$373,103	\$429,221	\$459,527	\$499,416	\$515,562	189,453	\$2.72
015	Augusta County	\$127,284	\$146,429	\$156,768	\$170,376	\$175,884	64,632	\$2.72
017	Bath County	\$12,000	\$12,000	\$16,000	\$16,000	\$16,000	5,048	\$3.17
019	Bedford County	\$118,893	\$136,775	\$146,433	\$159,144	\$164,289	60,371	\$2.72
021	Bland County	\$13,532	\$15,567	\$16,666	\$18,113	\$18,698	6,871	\$2.72
023	Botetourt County	\$56,072	\$64,506	\$69,060	\$75,055	\$77,481	28,472	\$2.72
025	Brunswick County	\$32,625	\$37,532	\$40,182	\$43,670	\$45,081	16,566	\$2.72
027	Buchanan County	\$50,953	\$58,617	\$62,756	\$68,204	\$70,409	25,873	\$2.72
029	Buckingham County	\$29,887	\$34,382	\$36,810	\$40,005	\$41,299	15,176	\$2.72
031	Campbell County	\$91,367	\$105,109	\$112,531	\$122,299	\$126,253	46,394	\$2.72
033	Caroline County	\$41,386	\$47,611	\$50,973	\$55,397	\$57,189	21,015	\$2.72
035	Carroll County	\$51,983	\$59,802	\$64,025	\$69,582	\$71,832	26,396	\$2.72
036	Charles City County	\$13,640	\$15,691	\$16,799	\$18,258	\$18,848	6,926	\$2.72
037	Charlotte County	\$20,653	\$23,759	\$25,437	\$27,645	\$28,538	10,487	\$2.72
041	Chesterfield County	\$511,845	\$588,832	\$630,407	\$685,129	\$707,279	259,903	\$2.72
043	Clarke County	\$18,225	\$20,966	\$22,446	\$24,394	\$25,183	9,254	\$2.72
045	Craig County	\$12,000	\$12,000	\$16,000	\$16,000	\$16,000	4,912	\$3.26
047	Culpeper County	\$48,443	\$55,729	\$59,664	\$64,843	\$66,939	24,598	\$2.72
049	Cumberland County	\$16,818	\$19,348	\$20,714	\$22,512	\$23,240	8,540	\$2.72
051	Dickenson County	\$28,036	\$32,253	\$34,530	\$37,527	\$38,741	14,236	\$2.72
053	Dinwiddie County	\$47,365	\$54,490	\$58,337	\$63,401	\$65,450	24,051	\$2.72
057	Essex County	\$15,462	\$17,787	\$19,043	\$20,696	\$21,365	7,851	\$2.72
059	Fairfax County	\$1,838,319	\$2,114,821	\$2,264,141	\$2,460,677	\$2,540,231	933,456	\$2.72
061	Fauquier County	\$93,701	\$107,794	\$115,405	\$125,423	\$129,478	47,579	\$2.72
063	Floyd County	\$26,472	\$30,454	\$32,604	\$35,434	\$36,580	13,442	\$2.72
065	Fluvanna County	\$39,334	\$45,250	\$48,445	\$52,651	\$54,353	19,973	\$2.72
067	Franklin County	\$84,555	\$97,273	\$104,141	\$113,181	\$116,840	42,935	\$2.72
069	Frederick County	\$112,349	\$129,247	\$138,373	\$150,384	\$155,246	57,048	\$2.72
071	Giles County	\$19,432	\$22,355	\$23,933	\$26,010	\$26,851	9,867	\$2.72
073	Gloucester County	\$68,495	\$78,797	\$84,360	\$91,683	\$94,647	34,780	\$2.72
075	Goochland County	\$33,209	\$38,205	\$40,902	\$44,452	\$45,890	16,863	\$2.72
077	Grayson County	\$29,741	\$34,215	\$36,631	\$39,810	\$41,097	15,102	\$2.72
079	Greene County	\$29,084	\$33,458	\$35,820	\$38,930	\$40,188	14,768	\$2.72
081	Greensville County	\$21,943	\$25,243	\$27,025	\$29,371	\$30,321	11,142	\$2.72
083	Halifax County	\$53,480	\$61,524	\$65,868	\$71,586	\$73,900	27,156	\$2.72
085	Hanover County	\$156,961	\$180,569	\$193,318	\$210,099	\$216,892	79,701	\$2.72

Supplemental Table 14. Aid To Localities (ATL) Program Allocations By Locality, FY 2005-2009

FIPS	County/Town/City	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Population	FY 2009 Per Capita
087	Henrico County	\$516,565	\$594,262	\$636,221	\$691,447	\$713,802	262,300	\$2.72
089	Henry County	\$112,461	\$129,376	\$138,511	\$150,534	\$155,401	57,105	\$2.72
091	Highland County	\$12,000	\$12,000	\$12,000	\$16,000	\$16,000	2,378	\$6.73
093	Isle of Wight County	\$41,469	\$47,706	\$51,075	\$55,508	\$57,303	21,057	\$2.72
095	James City County	\$94,731	\$108,979	\$116,674	\$126,801	\$130,901	48,102	\$2.72
097	King & Queen County	\$13,057	\$15,021	\$16,081	\$17,477	\$18,042	6,630	\$2.72
099	King George County	\$33,091	\$38,069	\$40,756	\$44,294	\$45,726	16,803	\$2.72
101	King William County	\$20,245	\$23,290	\$24,935	\$27,099	\$27,975	10,280	\$2.72
103	Lancaster County	\$18,394	\$21,161	\$22,655	\$24,621	\$25,417	9,340	\$2.72
105	Lee County	\$40,675	\$46,793	\$50,097	\$54,446	\$56,206	20,654	\$2.72
107	Loudoun County	\$265,985	\$305,992	\$327,597	\$356,033	\$367,544	135,061	\$2.72
109	Louisa County	\$46,853	\$53,900	\$57,706	\$62,715	\$64,743	23,791	\$2.72
111	Lunenburg County	\$19,587	\$22,533	\$24,124	\$26,219	\$27,066	9,946	\$2.72
113	Madison County	\$24,243	\$27,889	\$29,858	\$32,450	\$33,499	12,310	\$2.72
115	Mathews County	\$18,132	\$20,859	\$22,332	\$24,271	\$25,055	9,207	\$2.72
117	Mecklenburg County	\$45,396	\$52,224	\$55,911	\$60,765	\$62,729	23,051	\$2.72
119	Middlesex County	\$18,490	\$21,272	\$22,773	\$24,750	\$25,550	9,389	\$2.72
121	Montgomery County	\$53,384	\$61,413	\$65,749	\$71,457	\$73,767	27,107	\$2.72
125	Nelson County	\$28,448	\$32,726	\$35,037	\$38,078	\$39,309	14,445	\$2.72
127	New Kent County	\$26,512	\$30,499	\$32,653	\$35,487	\$36,634	13,462	\$2.72
131	Northampton County	\$18,689	\$21,500	\$23,018	\$25,017	\$25,825	9,490	\$2.72
133	Northumberland County	\$24,048	\$27,665	\$29,618	\$32,189	\$33,230	12,211	\$2.72
135	Nottoway County	\$18,085	\$20,805	\$22,274	\$24,207	\$24,990	9,183	\$2.72
137	Orange County	\$39,921	\$45,926	\$49,168	\$53,436	\$55,164	20,271	\$2.72
139	Page County	\$29,741	\$34,215	\$36,631	\$39,810	\$41,097	15,102	\$2.72
141	Patrick County	\$36,327	\$41,791	\$44,742	\$48,625	\$50,197	18,446	\$2.72
143	Pittsylvania County	\$113,975	\$131,118	\$140,376	\$152,561	\$157,494	57,874	\$2.72
145	Powhatan County	\$44,069	\$50,697	\$54,276	\$58,988	\$60,895	22,377	\$2.72
147	Prince Edward County	\$26,281	\$30,234	\$32,369	\$35,179	\$36,316	13,345	\$2.72
149	Prince George County	\$65,233	\$75,045	\$80,344	\$87,318	\$90,141	33,124	\$2.72
153	Prince William County	\$538,971	\$620,038	\$663,816	\$721,438	\$744,762	273,677	\$2.72
155	Pulaski County	\$46,016	\$52,938	\$56,675	\$61,595	\$63,586	23,366	\$2.72
157	Rappahannock County	\$13,392	\$15,406	\$16,494	\$17,925	\$18,505	6,800	\$2.72
159	Richmond County	\$14,640	\$16,842	\$18,032	\$19,597	\$20,230	7,434	\$2.72
161	Roanoke County	\$153,603	\$176,706	\$189,183	\$205,605	\$212,252	77,996	\$2.72
163	Rockbridge County	\$38,119	\$43,853	\$46,949	\$51,024	\$52,674	19,356	\$2.72
165	Rockingham County	\$103,926	\$119,557	\$127,998	\$139,109	\$143,607	52,771	\$2.72
167	Russell County	\$48,596	\$55,906	\$59,853	\$65,048	\$67,151	24,676	\$2.72
169	Scott County	\$37,432	\$43,062	\$46,102	\$50,104	\$51,724	19,007	\$2.72
171	Shenandoah County	\$44,490	\$51,182	\$54,796	\$59,552	\$61,477	22,591	\$2.72
173	Smyth County	\$45,229	\$52,031	\$55,705	\$60,541	\$62,498	22,966	\$2.72
175	Southampton County	\$28,926	\$33,277	\$35,626	\$38,719	\$39,971	14,688	\$2.72

Supplemental Table 14. Aid To Localities (ATL) Program Allocations By Locality, FY 2005-2009

FIPS	County/Town/City	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Population	FY 2009 Per Capita
177	Spotsylvania County	\$178,021	\$204,797	\$219,257	\$238,290	\$245,994	90,395	\$2.72
179	Stafford County	\$182,060	\$209,444	\$224,232	\$243,696	\$251,575	92,446	\$2.72
181	Surry County	\$12,000	\$13,428	\$12,000	\$16,000	\$16,129	5,927	\$2.72
183	Sussex County	\$17,299	\$19,901	\$21,306	\$23,155	\$23,904	8,784	\$2.72
185	Tazewell County	\$58,380	\$67,161	\$71,903	\$78,144	\$80,671	29,644	\$2.72
187	Warren County	\$35,439	\$40,769	\$43,648	\$47,436	\$48,970	17,995	\$2.72
191	Washington County	\$80,159	\$92,216	\$98,727	\$107,297	\$110,766	40,703	\$2.72
193	Westmoreland County	\$25,946	\$29,849	\$31,957	\$34,731	\$35,853	13,175	\$2.72
195	Wise County	\$53,843	\$61,941	\$66,314	\$72,071	\$74,401	27,340	\$2.72
197	Wythe County	\$36,325	\$41,789	\$44,739	\$48,623	\$50,195	18,445	\$2.72
199	York County	\$110,870	\$127,545	\$136,551	\$148,404	\$153,202	56,297	\$2.72
300	Abingdon	\$15,322	\$17,626	\$18,871	\$20,509	\$21,172	7,780	\$2.72
301	Accomac	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	547	\$14.63
302	Alberta	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	306	\$26.14
303	Altavista	\$6,745	\$7,760	\$8,307	\$9,029	\$9,321	3,425	\$2.72
304	Amherst	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	2,251	\$3.55
305	Appalachia	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,839	\$4.35
306	Appomattox	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,761	\$4.54
307	Ashland	\$13,035	\$14,996	\$16,055	\$17,448	\$18,012	6,619	\$2.72
308	Belle Haven	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	480	\$16.67
309	Berryville	\$6,000	\$6,733	\$8,000	\$8,000	\$8,088	2,972	\$2.72
310	Big Stone Gap	\$11,631	\$13,381	\$14,325	\$15,569	\$16,072	5,906	\$2.72
311	Blacksburg	\$77,938	\$89,660	\$95,991	\$104,323	\$107,696	39,575	\$2.72
312	Blackstone	\$7,237	\$8,326	\$8,914	\$9,688	\$10,001	3,675	\$2.72
313	Bloxom	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	403	\$19.85
314	Bluefield	\$10,000	\$11,505	\$12,317	\$13,386	\$13,819	5,078	\$2.72
315	Boones Mill	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	285	\$28.07
316	Bowling Green	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	936	\$8.55
317	Boyce	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	426	\$18.78
318	Boydton	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	477	\$16.77
319	Boykins	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	620	\$12.90
320	Branchville	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	123	\$65.04
321	Bridgewater	\$10,247	\$11,788	\$12,620	\$13,716	\$14,159	5,203	\$2.72
322	Broadway	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	2,219	\$3.61
323	Brodnax	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	317	\$25.24
324	Brookneal	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,259	\$6.35
325	Buchanan	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,233	\$6.49
326	Burkeville	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	489	\$16.36
327	Cape Charles	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,134	\$7.05
328	Capron	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	173	\$46.24
329	Cedar Bluff	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,085	\$7.37
330	Charlotte Court House	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	463	\$17.28

Supplemental Table 14. Aid To Localities (ATL) Program Allocations By Locality, FY 2005-2009

FIPS	County/Town/City	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Population	FY 2009 Per Capita
331	Chase City	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	2,457	\$3.26
332	Chatham	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,338	\$5.98
333	Cheriton	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	499	\$16.03
334	Chilhowie	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,827	\$4.38
335	Chincoteague	\$8,502	\$9,781	\$10,471	\$11,380	\$11,748	4,317	\$2.72
336	Christiansburg	\$33,375	\$38,395	\$41,106	\$44,674	\$46,118	16,947	\$2.72
337	Claremont	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	343	\$23.32
338	Clarksville	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,329	\$6.02
339	Cleveland	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	148	\$54.05
340	Clifton	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	185	\$43.24
341	Clinchport	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	77	\$103.90
342	Clintwood	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,549	\$5.16
344	Coeburn	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,996	\$4.01
345	Colonial Beach	\$6,357	\$7,313	\$8,000	\$8,509	\$8,784	3,228	\$2.72
346	Columbia	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	49	\$163.27
347	Courtland	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,270	\$6.30
348	Craigsville	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	979	\$8.17
349	Crewe	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	2,378	\$3.36
350	Culpeper	\$19,032	\$21,895	\$23,440	\$25,475	\$26,299	9,664	\$2.72
351	Damascus	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	981	\$8.15
352	Dayton	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,344	\$5.95
353	Dendron	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	297	\$26.94
354	Dillwyn	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	447	\$17.90
355	Drakes Branch	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	504	\$15.87
357	Dublin	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	2,288	\$3.50
358	Duffield	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	62	\$129.03
359	Dumfries	\$9,723	\$11,185	\$11,975	\$13,014	\$13,435	4,937	\$2.72
360	Dungannon	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	317	\$25.24
361	Eastville	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	203	\$39.41
362	Edinburg	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	813	\$9.84
363	Elkton	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	2,042	\$3.92
364	Exmore	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,136	\$7.04
365	Farmville	\$13,480	\$15,508	\$16,603	\$18,044	\$18,627	6,845	\$2.72
366	Fincastle	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	359	\$22.28
367	Floyd	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	432	\$18.52
368	Fries	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	614	\$13.03
369	Front Royal	\$26,762	\$30,787	\$32,961	\$35,822	\$36,980	13,589	\$2.72
370	Gate City	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	2,159	\$3.71
371	Glade Spring	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,374	\$5.82
372	Glasgow	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,046	\$7.65
373	Glen Lyn	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	151	\$52.98
374	Gordonsville	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,498	\$5.34

Supplemental Table 14. Aid To Localities (ATL) Program Allocations By Locality, FY 2005-2009

FIPS	County/Town/City	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Population	FY 2009 Per Capita
375	Goshen	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	406	\$19.70
376	Gretna	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,257	\$6.36
377	Grottoes	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	2,114	\$3.78
378	Grundy	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,105	\$7.24
379	Halifax	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,389	\$5.76
380	Hallwood	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	290	\$27.59
381	Hamilton	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	562	\$14.23
382	Haymarket	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	879	\$9.10
383	Haysi	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	186	\$43.01
384	Herndon	\$42,647	\$49,061	\$52,525	\$57,085	\$58,930	21,655	\$2.72
385	Hillsboro	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	96	\$83.33
386	Hillsville	\$6,000	\$6,455	\$8,000	\$8,000	\$8,000	2,849	\$2.81
387	Honaker	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	945	\$8.47
388	Hurt	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,276	\$6.27
389	Independence	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	971	\$8.24
390	Iron Gate	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	404	\$19.80
391	Irvington	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	673	\$11.89
392	Ivor	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	320	\$25.00
393	Jarrett	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	589	\$13.58
394	Jonesville	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	995	\$8.04
395	Keller	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	173	\$46.24
396	Kenbridge	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,379	\$5.80
397	Keysville	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	817	\$9.79
398	Kilmarnock	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,244	\$6.43
399	La Crosse	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	618	\$12.94
400	Lawrenceville	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,275	\$6.27
401	Lebanon	\$6,446	\$7,415	\$8,000	\$8,628	\$8,907	3,273	\$2.72
402	Leesburg	\$55,755	\$64,141	\$68,670	\$74,630	\$77,043	28,311	\$2.72
403	Louisa	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,401	\$5.71
404	Lovettsville	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	853	\$9.38
405	Luray	\$9,593	\$11,036	\$11,815	\$12,840	\$13,256	4,871	\$2.72
406	Madison	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	210	\$38.10
407	Marion	\$12,504	\$14,384	\$15,400	\$16,737	\$17,278	6,349	\$2.72
408	McKenney	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	482	\$16.60
409	Melfa	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	450	\$17.78
410	Middleburg	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	632	\$12.66
411	Middletown	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,015	\$7.88
412	Mineral	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	424	\$18.87
413	Monterey	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	158	\$50.63
414	Montross	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	315	\$25.40
415	Mount Crawford	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	286	\$27.97
416	Mount Jackson	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,664	\$4.81

Supplemental Table 14. Aid To Localities (ATL) Program Allocations By Locality, FY 2005-2009

FIPS	County/Town/City	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Population	FY 2009 Per Capita
417	Narrows	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	2,111	\$3.79
418	Nassawadox	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	572	\$13.99
419	New Castle	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	179	\$44.69
420	New Market	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,732	\$4.62
421	Newsoms	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	288	\$27.78
422	Nickelsville	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	448	\$17.86
423	Occoquan	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	759	\$10.54
424	Onancock	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,525	\$5.25
425	Onley	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	496	\$16.13
426	Orange	\$8,120	\$9,341	\$10,001	\$10,869	\$11,220	4,123	\$2.72
427	Painter	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	246	\$32.52
428	Pamplin City	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	199	\$40.20
429	Parksley	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	837	\$9.56
430	Pearisburg	\$6,000	\$6,183	\$8,000	\$8,000	\$8,000	2,729	\$2.93
431	Pembroke	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,134	\$7.05
432	Pennington Gap	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,781	\$4.49
433	Phenix	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	200	\$40.00
434	Pocahontas	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	441	\$18.14
435	Port Royal	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	170	\$47.06
436	Pound	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,089	\$7.35
437	Pulaski	\$18,656	\$21,462	\$22,977	\$24,972	\$25,779	9,473	\$2.72
438	Purcellville	\$7,058	\$8,120	\$8,693	\$9,448	\$9,753	3,584	\$2.72
439	Quantico	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	561	\$14.26
440	Remington	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	624	\$12.82
441	Rich Creek	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	665	\$12.03
442	Richlands	\$8,161	\$9,389	\$10,051	\$10,924	\$11,277	4,144	\$2.72
443	Ridgeway	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	825	\$9.70
444	Rocky Mount	\$8,007	\$9,212	\$9,862	\$10,718	\$11,065	4,066	\$2.72
445	Round Hill	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	500	\$16.00
446	Rural Retreat	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,350	\$5.93
447	Saint Charles	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	159	\$50.31
448	Saint Paul	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,000	\$8.00
449	Saltville	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	2,204	\$3.63
450	Saxis	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	337	\$23.74
451	Scottsburg	\$6,000	\$6,000	\$6,000	\$8,000	\$8,000	155	\$51.61
452	Scottsville	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	555	\$14.41
453	Shenandoah	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,878	\$4.26
454	Smithfield	\$12,454	\$14,328	\$15,339	\$16,671	\$17,210	6,324	\$2.72
455	South Hill	\$8,671	\$9,975	\$10,680	\$11,607	\$11,982	4,403	\$2.72
456	Standardsville	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	476	\$16.81
457	Stanley	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,326	\$6.03
458	Stephens City	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,146	\$6.98

Supplemental Table 14. Aid To Localities (ATL) Program Allocations By Locality, FY 2005-2009

FIPS	County/Town/City	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Population	FY 2009 Per Capita
459	Stony Creek	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	202	\$39.60
460	Strasburg	\$7,911	\$9,101	\$9,743	\$10,589	\$10,932	4,017	\$2.72
461	Stuart	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	961	\$8.32
462	Surry	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	262	\$30.53
463	Tangier	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	691	\$11.58
464	Tappahannock	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	2,138	\$3.74
465	Tazewell	\$8,283	\$9,529	\$10,202	\$11,087	\$11,446	4,206	\$2.72
466	The Plains	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	266	\$30.08
467	Timberville	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,739	\$4.60
468	Toms Brook	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	255	\$31.37
469	Troutdale	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	194	\$41.24
470	Troutville	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	432	\$18.52
471	Urbanna	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	543	\$14.73
472	Victoria	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,821	\$4.39
473	Vienna	\$28,463	\$32,744	\$35,056	\$38,099	\$39,331	14,453	\$2.72
474	Vinton	\$15,326	\$17,631	\$18,876	\$20,514	\$21,177	7,782	\$2.72
475	Virgilina	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	159	\$50.31
476	Wachapreague	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	236	\$33.90
477	Wakefield	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,038	\$7.71
478	Warrenton	\$13,136	\$15,111	\$16,178	\$17,583	\$18,151	6,670	\$2.72
479	Warsaw	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,375	\$5.82
480	Washington	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	183	\$43.72
481	Waverly	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	2,309	\$3.46
482	Weber City	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	1,333	\$6.00
483	West Point	\$6,000	\$6,493	\$8,000	\$8,000	\$8,000	2,866	\$2.79
484	White Stone	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	358	\$22.35
485	Windsor	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	2,347	\$3.41
486	Wise		\$7,374	\$8,000	\$8,580	\$8,858	3,255	\$2.72
487	Woodstock	\$7,883	\$9,069	\$9,709	\$10,552	\$10,893	4,003	\$2.72
488	Wytheville	\$15,369	\$17,681	\$18,929	\$20,572	\$21,237	7,804	\$2.72
490	Clinchco	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	424	\$18.87
492	South Boston	\$16,722	\$19,237	\$20,595	\$22,383	\$23,107	8,491	\$2.72
493	Clifton Forge	\$12,000	\$12,000	\$16,000	\$11,306	\$11,672	4,289	\$2.72
510	Alexandria	\$252,637	\$290,636	\$311,156	\$338,166	\$349,099	128,283	\$2.72
515	Bedford	\$12,405	\$14,271	\$16,000	\$16,605	\$17,142	6,299	\$2.72
520	Bristol	\$34,202	\$39,346	\$42,124	\$45,781	\$47,261	17,367	\$2.72
530	Buena Vista	\$12,504	\$14,384	\$16,000	\$16,737	\$17,278	6,349	\$2.72
540	Charlottesville	\$78,970	\$90,848	\$97,262	\$105,705	\$109,122	40,099	\$2.72
550	Chesapeake	\$392,267	\$451,268	\$483,130	\$525,068	\$542,043	199,184	\$2.72
570	Colonial Heights	\$33,276	\$38,282	\$40,984	\$44,542	\$45,982	16,897	\$2.72
580	Covington	\$12,413	\$14,280	\$16,000	\$16,615	\$17,152	6,303	\$2.72
590	Danville	\$95,339	\$109,679	\$117,423	\$127,616	\$131,742	48,411	\$2.72

Supplemental Table 14. Aid To Localities (ATL) Program Allocations By Locality, FY 2005-2009

FIPS	County/Town/City	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Population	FY 2009 Per Capita
595	Emporia	\$12,000	\$12,835	\$16,000	\$16,000	\$16,000	5,665	\$2.82
600	Fairfax	\$42,337	\$48,705	\$52,144	\$56,671	\$58,503	21,498	\$2.72
610	Falls Church	\$20,436	\$23,510	\$25,170	\$27,355	\$28,239	10,377	\$2.72
620	Franklin	\$16,436	\$18,909	\$20,244	\$22,001	\$22,712	8,346	\$2.72
630	Fredericksburg	\$37,967	\$43,678	\$46,762	\$50,821	\$52,464	19,279	\$2.72
640	Galax	\$13,465	\$15,490	\$16,583	\$18,023	\$18,606	6,837	\$2.72
650	Hampton	\$288,388	\$331,765	\$355,190	\$386,022	\$398,502	146,437	\$2.72
660	Harrisonburg	\$79,667	\$91,650	\$98,121	\$106,638	\$110,086	40,453	\$2.72
670	Hopewell	\$43,872	\$50,470	\$54,034	\$58,724	\$60,623	22,277	\$2.72
678	Lexington	\$13,524	\$15,558	\$16,656	\$18,102	\$18,687	6,867	\$2.72
680	Lynchburg	\$128,539	\$147,872	\$158,313	\$172,055	\$177,618	65,269	\$2.72
683	Manassas	\$69,194	\$79,601	\$85,222	\$92,619	\$95,614	35,135	\$2.72
685	Manassas Park	\$20,265	\$23,313	\$24,959	\$27,125	\$28,002	10,290	\$2.72
690	Martinsville	\$30,360	\$34,926	\$37,392	\$40,638	\$41,952	15,416	\$2.72
700	Newport News	\$355,859	\$409,384	\$438,289	\$476,334	\$491,734	180,697	\$2.72
710	Norfolk	\$461,626	\$531,059	\$568,555	\$617,908	\$637,885	234,403	\$2.72
720	Norton	\$12,000	\$12,000	\$16,000	\$16,000	\$16,000	3,904	\$4.10
730	Petersburg	\$66,447	\$76,441	\$81,838	\$88,942	\$91,817	33,740	\$2.72
735	Poquoson	\$22,778	\$26,204	\$28,054	\$30,489	\$31,475	11,566	\$2.72
740	Portsmouth	\$198,050	\$227,838	\$243,925	\$265,099	\$273,669	100,565	\$2.72
750	Radford	\$31,232	\$35,930	\$38,467	\$41,806	\$43,157	15,859	\$2.72
760	Richmond	\$389,521	\$448,109	\$479,749	\$521,393	\$538,250	197,790	\$2.72
770	Roanoke	\$186,915	\$215,029	\$230,211	\$250,194	\$258,283	94,911	\$2.72
775	Salem	\$48,736	\$56,066	\$60,025	\$65,235	\$67,344	24,747	\$2.72
790	Staunton	\$46,975	\$54,041	\$57,857	\$62,879	\$64,912	23,853	\$2.72
800	Suffolk	\$125,404	\$144,265	\$154,452	\$167,859	\$173,285	63,677	\$2.72
810	Virginia Beach	\$837,488	\$963,455	\$1,031,481	\$1,121,017	\$1,157,260	425,257	\$2.72
820	Waynesboro	\$38,442	\$44,224	\$47,347	\$51,457	\$53,120	19,520	\$2.72
830	Williamsburg	\$23,628	\$27,182	\$29,102	\$31,628	\$32,650	11,998	\$2.72
840	Winchester	\$46,448	\$53,434	\$57,207	\$62,172	\$64,182	23,585	\$2.72
Grand Total		\$14,598,191	\$16,654,699	\$18,089,828	\$19,539,031	\$20,128,275	7,079,030	\$2.84

Note: The ATL minimums were \$6,000 for Towns and \$12,000 for Counties and Cities for FY 2005-2006. Effective FY 2007, the ATL minimums were increased to \$8,000 for Towns and \$16,000 for Counties and Cities.

Appendix



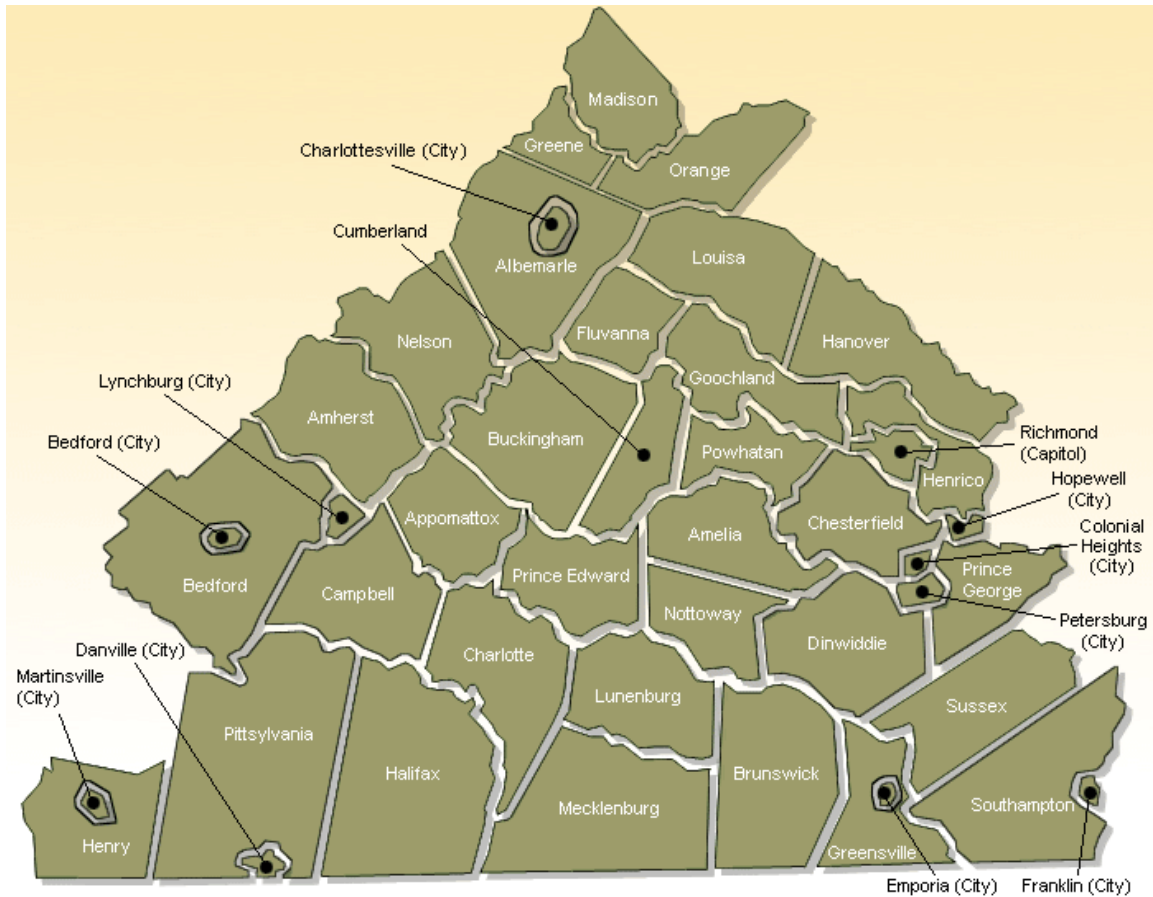
Virginia Fire Service Needs Assessment:

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

Volume V - January 2009

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

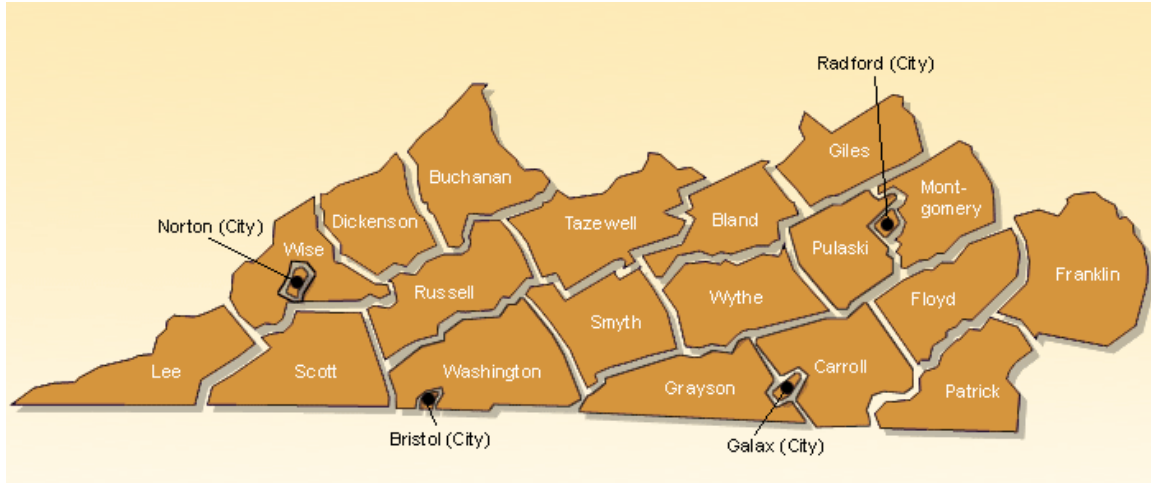
Coastal Region



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

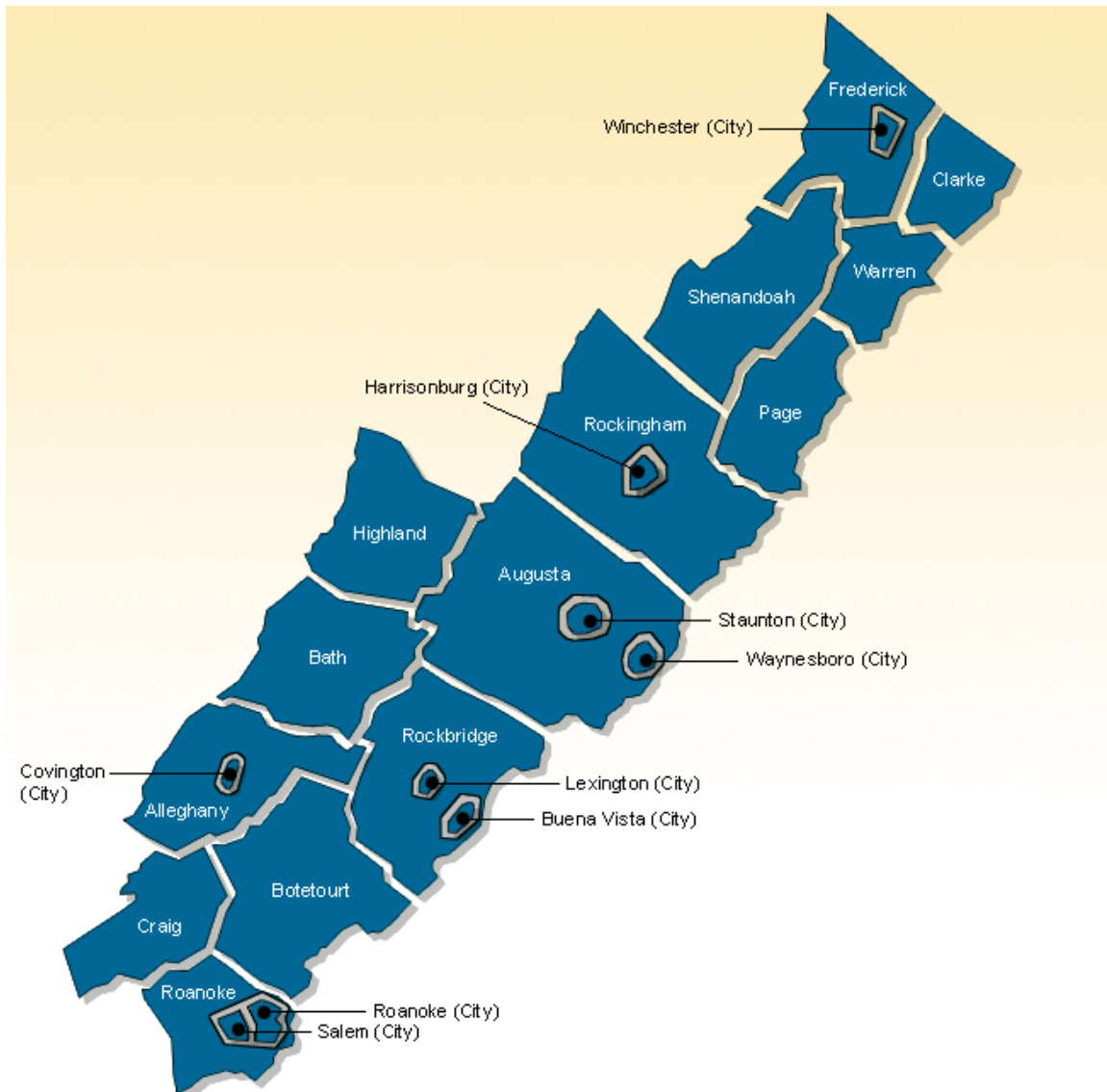
Northern Region



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/>.

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 - 2008

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 January 2009 in Volume V of the Virginia 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.

A copy of all survey questions is available on our website, www.vafire.com, if you want to review the questions before completing the survey on-line. Click on Fire Data & Statistics and then Needs Assessment.

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.

Contact Information

4. Name of Person Completing Survey:

Please use the blank space to write your answers.

5. Contact Phone Number:

Please use the blank space to write your answers.

6. Contact Email Address:

Please use the blank space to write your answers.

Section I - General Department Information

7. Please review your fire department's contact information shown below.

Please use the blank space to write your answers.

Address 1

.....

Address 2

.....

City, State, Zip

.....

Phone Number (Non-Emergency)

.....

Fax Number

.....

Primary Department Email Address

.....

Current Fire Chief

.....

8. Please verify that the above contact information for your fire department is correct.

Please pick one of the answers below.

- ☐ Yes - All Contact Information Correct
- ☐ No - Contact Information Incorrect - Changes Needed

9. Please specify any corrections to your fire department's contact information below. (Click the back button to go back and review your contact information.)

Please use the blank space to write your answers.

Address 1

Address 2

City, State, Zip

Phone Number (Non-Emergency)

Fax Number

Primary Department Email Address

Current Fire Chief

10. Fire Department Website: (Complete only if your department has a website.)

Please use the blank space to write your answers.

11. Fire Department Status:

Please use the blank space to write your answers.

12. Please select from the following list if your fire department status needs to be updated or if no change is needed to the above information.

Please pick one of the answers below.

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

13. Please specify the type of department that you are reporting on this survey.

Please pick one of the answers below.

- ☐ City Fire Department
- ☐ County Department - Career Personnel Only
- ☐ County Department - Career and Volunteer Personnel
- ☐ Local Fire Department

14. Number of fire departments / stations within your organization reported with this survey: (All responses to survey questions should be reflective of this group of fire departments or fire stations.)

Please use the blank space to write your answers.

15. Please specify the name and physical address for each fire department / station in your organization.

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

	FDID (If Applicable)	Department / Station Name	Physical Address	City, State, Zip
Fire Dept / Station #1
Fire Dept / Station #2
Fire Dept / Station #3
Fire Dept / Station #4
Fire Dept / Station #5
Fire Dept / Station #6
Fire Dept / Station #7
Fire Dept / Station #8
Fire Dept / Station #9
Fire Dept / Station #10

If your organization has more than 10 departments / stations, please attach a file(.doc,.xls,.txt or .pdf formats) listing the name and physical address for each department or station. Click the Browse button to select the location of your file.

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 II - 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

.....

Volunteer Firefighters

.....

Paid-per-call 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

.....

Civilian - Volunteer

.....

Total

.....

22. Does your department have a program to maintain basic fire fighter fitness and health as recommended 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 III - Facilities & Apparatus

24. What is the age of fire stations within your department? Please answer each age category shown below with a percentage (%) of your stations. (The total at the bottom should add to 100%.)

Please use the blank space to write your answers.

0 - 9 Years

.....

10 - 19 Years

.....

20 - 29 Years

.....

30 - 39 Years

.....

40 Or More

.....

Total

.....

25. 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

26. 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 (Tiller, Straight, Tower)

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

27. 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 - Confined Space

Technical Rescue Equipment - Rope

Technical Rescue Equipment - Structural Collapse

Technical Rescue Equipment - Trench

Technical Rescue Equipment - Vehicle

Technical Rescue Equipment - Water

Thermal Imaging Cameras

Other

28. 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 Buildings
- ☐ 6 - 10 Buildings
- ☐ 11 Or More
- ☐ Don't Know

29. What is the height of the tallest building and the depth of the deepest sublevel basement in your coverage area? (Please record your answer in number of stories.)

Please use the blank space to write your answers.

Tallest Building - Stories Above Grade

Deepest Sublevel - Stories Below Grade

30. Please answer if your facility is shared with any other separate organizations? (Check all that apply.)

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

- ☐ Emergency Medical Services (EMS) Agency
- ☐ Law Enforcement Department (Police, Sheriff)
- ☐ Forestry Department
- ☐ No Other Organizations within Facility

Other

Section IV - Operating Budget Information

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 govenment funding

State government funding

Federal government funding

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

Other

Total

32. What percentage (%) of your current apparatus was purchased or donated? (The total at the bottom should add to 100%.)

Please use the blank space to write your answers.

Purchased New

Purchased Used

Donated New

Donated Used

Converted Vehicles

Other

Total

33. What was the funding source for your apparatus that was purchased? (Check all that apply.)

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

- ☐ Local government funding
- ☐ State government funding
- ☐ Federal government funding
- ☐ No Apparatus was Purchased

Other

34. 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 5 Years	Within 10 Years
Aerial Apparatus (Tiller, Straight, Tower)	<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"/>

35. 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 - Confined Space	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical Rescue Equipment - Rope	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical Rescue Equipment - Structural Collapse	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical Rescue Equipment - Trench	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical Rescue Equipment - Vehicle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical Rescue Equipment - Water	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Thermal Imaging Cameras	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Section V - Communications

36. 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

37. 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

.....

38. What percentage (%) of your apparatus have mobile 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

39. What percentage (%) of your apparatus have 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

40. What percentage (%) of your radios have an emergency alert button?

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
- ☐ Law Enforcement Department (Police, Sheriff)
- ☐ Combined Public Safety Agency
- ☐ Communication Department

Other

.....

42. What percentage (%) of your apparatus are equipped with a GPS Map Coordinate System?

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

43. What percentage (%) of your departments have internet service? (The total at the bottom should add to 100%.)

Please use the blank space to write your answers.

Dial-up Internet

.....

High Speed Internet (Cable, Satellite, Wireless, etc.)

.....

No Internet Service

.....

Total

.....

44. Are you using your incident data for department decision making?

Please pick one of the answers below.

- ☐ Yes
- ☐ No
- ☐ Don't Know

Section VI - Fire Department Roles / Training

45. Please answer if your department has personnel designated and responsible for the duties associated in the following roles or if you have no designated officers. (Check all that apply.)

Please check all that apply.

- ☐ Health & Safety Officer
- ☐ Incident Reporting Officer
- ☐ Public Fire & Life Safety Educator
- ☐ Public Relations Officer
- ☐ Training Officer
- ☐ No Designated Officers

46. Is your Public Fire & Life Safety Educator classified as Career or Volunteer?

Please pick one of the answers below.

- ☐ Career
- ☐ Volunteer

47. 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

48. How many of your active firefighters (career, volunteer, paid-per-call) have received National Incident Management System (NIMS) training?

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

	Percent of active firefighters
ICS-100 Introduction to Incident Command System	<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
ICS-200 Basic Incident Command System	<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
ICS-300 Intermediate Incident Command System	<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
ICS-400 Advanced Incident Command System	<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
IS-700 National Incident Management System (NIMS), An Introduction	<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
IS-800 National Response Plan (NRP), An Introduction	<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

49. Does your jurisdiction mandate firefighter certification (VDFP / Pro-Board)?

Please pick one of the answers below.

- ☐ Yes
☐ No
☐ Don't Know

50. How many of your 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 firefighters
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

51. 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"/>

52. 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 VII - Fire Prevention & Code Enforcement

53. 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 / heat / CO 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

54. 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

.....

55. 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

.....

56. Does fire investigation data become readily available to your department after an incident?

Please pick one of the answers below.

- ☐ Yes
- ☐ No
- ☐ Don't Know

Section VIII - Your Fire Department's Top Needs

57. Please rank your department's Top Needs from 1 to 5 for Fiscal Year 2009. (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"/>

58. Please indicate your departments estimated costs for Fiscal Year 2009 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).

Matrix: part 1 of 2

	Apparatus	Equipment	Facilities	Personnel
Estimated Costs	<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 Or More	<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 Or More	<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	<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"/> \$100,00 - \$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 - \$9,999,999 <input type="radio"/> \$10,000,000 Or More

58. Please indicate your departments estimated costs for Fiscal Year 2009 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).

Matrix: part 2 of 2

	Training
Estimated Costs	<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 Or More

59. Please check the specific type of apparatus that your department needs for Fiscal Year 2009 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 (Tiller, Straight, Tower)	<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"/>

60. Please check the specific type of equipment that your department needs for Fiscal Year 2009 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 - Confined Space	<input type="checkbox"/>
Technical Rescue Equipment - Rope	<input type="checkbox"/>
Technical Rescue Equipment - Structural Collapse	<input type="checkbox"/>
Technical Rescue Equipment - Trench	<input type="checkbox"/>
Technical Rescue Equipment - Vehicle	<input type="checkbox"/>
Technical Rescue Equipment - Water	<input type="checkbox"/>
Thermal Imaging Cameras	<input type="checkbox"/>
No Equipment Currently Needed	<input type="checkbox"/>
Other	<input type="checkbox"/>

61. Please check the specific type of facilities that your department needs for Fiscal Year 2009. (Check all that apply.)

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

☐ Improvements/Remodeling of Existing Station/s

☐ Installation of Backup Power

☐ New Constructed Station/s

☐ No Facilities Currently Needed

Other

62. Please check the specific type of personnel that your department needs for Fiscal Year 2009 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"/>

63. Please check the type of training that your department needs for Fiscal Year 2009. (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
- ☐ ICS-100 Introduction to Incident Command System
- ☐ ICS-200 Basic Incident Command System
- ☐ ICS-300 Intermediate Incident Command System
- ☐ ICS-400 Advanced Incident Command System
- ☐ IS-700 National Incident Management System (NIMS), An Introduction
- ☐ IS-800 National Response Plan (NRP), An Introduction
- ☐ 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

64. 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

.....

65. 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

.....

66. 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"/>

67. Please complete any final comments about the survey:

Please write your answer in the space below.

.....

.....

.....

.....

Click here to review your survey response. You can print your answers from here, but you still need to return and click submit to send you survey.




Attention: 2008 Needs Assessment Survey Promotion

The first **200** fire departments that respond to the **2008 Needs Assessment Survey** this year will be eligible to receive a custom **Fire Prevention Week** brochure for their department. The electronic PDF will include your department's badge logo and contact information and will be formatted ready to print. **Fire Prevention Week is October 5-11, 2008** and the theme is **"It's Fire Prevention Week: Prevent Home Fires!"**. This valuable custom brochure can be used to promote this year's theme with the public in your area.

Please see the example below of a customized brochure. Upon submitting your survey response, you will receive information by email about the details of obtaining your custom brochure. Only the first 200 respondents will receive this benefit. So, responding as soon as possible will help ensure that you have a chance to receive this offer.


Smoke Alarms



- Install smoke alarms on every level of your home, including the basement, making sure that there is an alarm outside every separate sleeping area.
- Test your smoke alarms once a month, following the manufacturer's instructions.
- Replace the batteries in your smoke alarm as soon as the alarm "chirps" warning that the battery is low.
- Never "borrow" a battery from a smoke alarm. Smoke alarms can't warn you of fire if their batteries are missing or have been disconnected.
- Don't disable smoke alarms even temporarily. If your smoke alarm is sounding "nuisance alarms," try relocating it farther from kitchens or bathrooms, where cooking fumes and steam can cause the alarm to sound.
- Regularly vacuuming or dusting your smoke alarms, following the manufacturer's instructions, can keep them working properly.
- Smoke alarms don't last forever. Replace yours once every 10 years. If you can't remember how old the alarm is, then it's probably time for a new one.
- Consider installing smoke alarms with "long-life" (10-year) batteries.

Smoking Safety

- Designate a smoking area.
- Provide smokers with deep, sturdy ashtrays.
- Keep smoking materials away from anything that can burn, like mattresses, bedding, and upholstered furniture.
- Choose fire-safe cigarettes.




Know the Facts

- The leading cause of fires in the home are cooking (which leads to most fires and injuries), heating equipment, and electrical. Fires caused by smoking materials and heating equipment are the leading cause of home fire deaths.
- Roughly 80 percent of U.S. fire deaths occur in the home! In 2006, U.S. fire departments responded to almost 400,000 home structure fires and home fires killed 2,580 people (on average 7 people every day).
- 12,500 fire injuries from home fires were reported to U.S. fire departments in 2006.
- 65% of reported home fire deaths occurred in homes with either no smoke alarms or no *working* smoke alarms.
- December and January are the peak months for home structure fires and deaths.

You can prevent home fires and reduce the injuries, fatalities, and property damage they cause by following some simple precautions. This brochure is filled with information about where and why most fires start and how to protect your family. Make your home a fire safe home today and every day!

Contact your local fire department to find out how you can protect your home from fire and for details on **Fire Prevention Week** activities in your area.

(703) 228-4659
www.arlingtonva.us/Fire




Reproduced from NFPA's Fire Prevention Week Web site, www.firepreventionweek.org. ©2008 NFPA.

It's Fire Prevention Week

PREVENT HOME FIRES

October 5-11, 2008



Sample



Virginia Department of Fire Programs

2008 Needs Assessment Survey Response By Locality

FIPS	County/City	Number of Surveys Completed	Total Fire Departments	Percent Completed	Received Consolidated Survey *	Overall Survey Response
001	Accomack Co.	14	15	93.3%	Yes	100.0%
003	Albemarle Co.	8	8	100.0%	No	100.0%
005	Alleghany Co.	6	7	85.7%	No	85.7%
007	Amelia Co.	3	5	60.0%	Yes	100.0%
009	Amherst Co.	4	4	100.0%	No	100.0%
011	Appomattox Co.	2	2	100.0%	No	100.0%
013	Arlington Co.	1	1	100.0%	No	100.0%
015	Augusta Co.	14	15	93.3%	Yes	100.0%
017	Bath Co.	1	3	33.3%	No	33.3%
019	Bedford Co.	11	11	100.0%	No	100.0%
021	Bland Co.	5	6	83.3%	No	83.3%
023	Botetourt Co.	7	7	100.0%	No	100.0%
025	Brunswick Co.	7	7	100.0%	No	100.0%
027	Buchanan Co.	6	10	60.0%	No	60.0%
029	Buckingham Co.	4	4	100.0%	No	100.0%
031	Campbell Co.	8	9	88.9%	No	88.9%
033	Caroline Co.	6	7	85.7%	No	85.7%
035	Carroll Co.	3	3	100.0%	No	100.0%
036	Charles City Co.	1	1	100.0%	No	100.0%
037	Charlotte Co.	6	7	85.7%	No	85.7%
041	Chesterfield Co.	1	1	100.0%	No	100.0%
043	Clarke Co.	5	5	100.0%	No	100.0%
045	Craig Co.	5	5	100.0%	No	100.0%
047	Culpeper Co.	7	7	100.0%	No	100.0%
049	Cumberland Co.	3	3	100.0%	No	100.0%
051	Dickenson Co.	4	4	100.0%	No	100.0%
053	Dinwiddie Co.	4	6	66.7%	Yes	100.0%
057	Essex Co.	1	1	100.0%	No	100.0%
059	Fairfax Co.	1	1	100.0%	No	100.0%
061	Fauquier Co.	8	11	72.7%	No	72.7%
063	Floyd Co.	3	4	75.0%	Yes	100.0%
065	Fluvanna Co.	4	5	80.0%	Yes	100.0%
067	Franklin Co.	8	12	66.7%	Yes	100.0%
069	Frederick Co.	8	12	66.7%	Yes	100.0%
071	Giles Co.	5	8	62.5%	No	62.5%
073	Gloucester Co.	2	2	100.0%	No	100.0%
075	Goochland Co.	1	1	100.0%	No	100.0%
077	Grayson Co.	4	6	66.7%	No	66.7%
079	Greene Co.	2	3	66.7%	No	66.7%
083	Halifax Co.	12	12	100.0%	No	100.0%
085	Hanover Co.	13	13	100.0%	No	100.0%
087	Henrico Co.	1	1	100.0%	No	100.0%
089	Henry Co.	8	8	100.0%	No	100.0%
091	Highland Co.	2	4	50.0%	No	50.0%
093	Isle of Wight Co.	5	6	83.3%	No	83.3%
095	James City Co.	1	1	100.0%	No	100.0%
097	King & Queen Co.	4	4	100.0%	No	100.0%
099	King George Co.	1	1	100.0%	No	100.0%
101	King William Co.	4	4	100.0%	No	100.0%

2008 Needs Assessment Survey Response By Locality

FIPS	County/City	Number of Surveys Completed	Total Fire Departments	Percent Completed	Received Consolidated Survey *	Overall Survey Response
103	Lancaster Co.	1	3	33.3%	No	33.3%
105	Lee Co.	7	10	70.0%	No	70.0%
107	Loudoun Co.	11	14	78.6%	No	78.6%
109	Louisa Co.	8	8	100.0%	No	100.0%
111	Lunenburg Co.	3	3	100.0%	No	100.0%
113	Madison Co.	1	1	100.0%	No	100.0%
115	Mathews Co.	1	1	100.0%	No	100.0%
117	Mecklenburg Co.	8	8	100.0%	No	100.0%
119	Middlesex Co.	4	4	100.0%	No	100.0%
121	Montgomery Co.	5	5	100.0%	No	100.0%
125	Nelson Co.	7	7	100.0%	No	100.0%
127	New Kent Co.	1	4	25.0%	Yes	100.0%
131	Northampton Co.	5	5	100.0%	No	100.0%
133	Northumberland Co.	2	2	100.0%	No	100.0%
135	Nottoway Co.	3	3	100.0%	No	100.0%
137	Orange Co.	6	6	100.0%	No	100.0%
139	Page Co.	4	4	100.0%	No	100.0%
141	Patrick Co.	10	10	100.0%	No	100.0%
143	Pittsylvania Co.	16	22	72.7%	No	72.7%
145	Powhatan Co.	6	6	100.0%	No	100.0%
147	Prince Edward Co.	4	5	80.0%	No	80.0%
149	Prince George Co.	3	6	50.0%	Yes	100.0%
153	Prince William Co.	11	12	91.7%	No	91.7%
155	Pulaski Co.	7	9	77.8%	No	77.8%
157	Rappahannock Co.	6	6	100.0%	No	100.0%
159	Richmond Co.	1	1	100.0%	No	100.0%
161	Roanoke Co.	5	12	41.7%	Yes	100.0%
163	Rockbridge Co.	8	9	88.9%	No	88.9%
165	Rockingham Co.	11	11	100.0%	No	100.0%
167	Russell Co.	7	7	100.0%	No	100.0%
169	Scott Co.	7	7	100.0%	No	100.0%
171	Shenandoah Co.	7	10	70.0%	Yes	100.0%
173	Smyth Co.	6	7	85.7%	No	85.7%
175	Southampton Co.	8	8	100.0%	No	100.0%
177	Spotsylvania Co.	3	3	100.0%	No	100.0%
179	Stafford Co.	5	10	50.0%	Yes	100.0%
181	Surry Co.	3	3	100.0%	No	100.0%
183	Sussex Co.	3	5	60.0%	No	60.0%
185	Tazewell Co.	14	16	87.5%	No	87.5%
187	Warren Co.	6	8	75.0%	No	75.0%
191	Washington Co.	8	9	88.9%	No	88.9%
193	Westmoreland Co.	4	4	100.0%	No	100.0%
195	Wise Co.	6	7	85.7%	No	85.7%
197	Wythe Co.	6	6	100.0%	No	100.0%
199	York Co.	1	1	100.0%	No	100.0%
510	Alexandria	1	1	100.0%	No	100.0%
515	Bedford	1	1	100.0%	No	100.0%
520	Bristol	1	1	100.0%	No	100.0%
530	Buena Vista	1	1	100.0%	No	100.0%
540	Charlottesville	1	1	100.0%	No	100.0%
550	Chesapeake	1	1	100.0%	No	100.0%
570	Colonial Heights	1	1	100.0%	No	100.0%
580	Covington	1	1	100.0%	No	100.0%
590	Danville	1	1	100.0%	No	100.0%
595	Emporia	1	1	100.0%	No	100.0%
600	Fairfax	1	1	100.0%	No	100.0%
610	Falls Church	1	1	100.0%	No	100.0%
620	Franklin	2	2	100.0%	No	100.0%
630	Fredericksburg	1	1	100.0%	No	100.0%
640	Galax	1	1	100.0%	No	100.0%

2008 Needs Assessment Survey Response By Locality

FIPS	County/City	Number of Surveys Completed	Total Fire Departments	Percent Completed	Received Consolidated Survey *	Overall Survey Response
650	Hampton	1	1	100.0%	No	100.0%
660	Harrisonburg	1	1	100.0%	No	100.0%
670	Hopewell	1	1	100.0%	No	100.0%
678	Lexington	1	1	100.0%	No	100.0%
680	Lynchburg	1	1	100.0%	No	100.0%
683	Manassas	1	1	100.0%	No	100.0%
685	Manassas Park	1	1	100.0%	No	100.0%
690	Martinsville	1	1	100.0%	No	100.0%
700	Newport News	1	1	100.0%	No	100.0%
710	Norfolk	1	1	100.0%	No	100.0%
720	Norton	1	1	100.0%	No	100.0%
730	Petersburg	1	1	100.0%	No	100.0%
735	Poquoson	1	1	100.0%	No	100.0%
740	Portsmouth	1	1	100.0%	No	100.0%
750	Radford	1	1	100.0%	No	100.0%
760	Richmond	1	1	100.0%	No	100.0%
770	Roanoke	1	1	100.0%	No	100.0%
775	Salem	1	1	100.0%	No	100.0%
790	Staunton	1	1	100.0%	No	100.0%
800	Suffolk	5	5	100.0%	No	100.0%
810	Virginia Beach	1	1	100.0%	No	100.0%
820	Waynesboro	1	1	100.0%	No	100.0%
830	Williamsburg	1	1	100.0%	No	100.0%
840	Winchester	1	1	100.0%	No	100.0%
Grand Total		547	635	86.1%		92.0%

* Some localities have fire administration organizations that can report for either career personnel only, or for both career and volunteer personnel with their survey response. If a locality submits a consolidated survey response, then the overall response will be 100% participation, even though not all individual departments may have submitted responses. The consolidated survey response for a locality is reflective of all fire departments / stations in their area.



Current Survey
Count - 547

Virginia Department of Fire Programs

2008 Needs Assessment Completed Surveys By Fire Department

Fire Department	FDID	County/City	Survey Number *	Date Completed
Abbs Valley-Bossievain Vol. Fire Dept.	18501	Tazewell Co.	484	10/24/2008
Abingdon Vol. Fire and Rescue, Inc.	07301	Gloucester Co.	56	8/18/2008
Abingdon Vol. Fire Dept.	19120	Washington Co.	507	10/29/2008
Accomack Co. Dept. of Public Safety	00100	Accomack Co.	342	9/26/2008
Adwolfe Vol. Fire Dept., Inc.	17301	Smyth Co.	141	8/29/2008
Albemarle Co. Fire Admin.	00300	Albemarle Co.	354	9/29/2008
Alberta Vol. Fire Dept.	02501	Brunswick Co.	479	10/23/2008
Aldie VFD	10707	Loudoun Co.	62	8/18/2008
Alexandria Fire Dept.	51000	Alexandria	123	8/27/2008
Altavista Vol. Fire Dept.	03110	Campbell Co.	282	9/16/2008
Amelia Co. VFD	00701	Amelia Co.	510	10/30/2008
Amherst Co. Dept. of Public Safety	00900	Amherst Co.	277	9/16/2008
Amherst Vol. Fire Dept.	00901	Amherst Co.	239	9/12/2008
Amissville Vol. Fire & Rescue Co.	15703	Rappahannock Co.	28	8/13/2008
Appalachia Vol. Fire Dept.	19530	Wise Co.	327	9/24/2008
Appomattox Vol. Fire Dept.	01101	Appomattox Co.	232	9/11/2008
Ararat Vol. Fire Dept.	14101	Patrick Co.	166	9/2/2008
Arcola-Pleasant Valley Fire Department	10709	Loudoun Co.	109	8/25/2008
Arlington Co. Fire Dept.	01300	Arlington Co.	206	9/8/2008
Arvonnia VFD	02901	Buckingham Co.	106	8/24/2008
Ashburn Fire & Rescue	10706	Loudoun Co.	225	9/11/2008
Ashland VFD	08501	Hanover Co.	488	10/27/2008
Atkins VFD	17302	Smyth Co.	278	9/16/2008
Atlantic VFD	00104	Accomack Co.	518	11/2/2008
Augusta Co. Fire & Rescue Administration	01500	Augusta Co.	345	9/26/2008
Augusta Co. Fire Dept.	01510	Augusta Co.	347	9/26/2008
Axton Vol. Fire Dept.	08901	Henry Co.	83	8/20/2008
Bacon District VFD	03701	Charlotte Co.	47	8/16/2008
Bandy Vol. Fire Dept.	18515	Tazewell Co.	299	9/17/2008
Barboursville VFD	13701	Orange Co.	509	10/30/2008
Barren Springs Vol. Fire Dept.	19701	Wythe Co.	421	10/10/2008
Bassett Vol. Fire Dept.	08902	Henry Co.	288	9/16/2008
Beaverdam VFD	08502	Hanover Co.	302	9/18/2008
Bedford Co. Dept. of Fire & Rescue	01900	Bedford Co.	71	8/19/2008
Bedford Vol. Fire Co.	51500	Bedford	36	8/14/2008
Belfast-Rosedale Vol. Fire Dept.	16705	Russell Co.	355	9/29/2008
Bent Mountain Fire Dept.	16108	Roanoke Co.	481	10/24/2008
Bergton Vol. Fire Co.	16502	Rockingham Co.	408	10/9/2008
Big Island Vol. Fire Company, Inc.	01910	Bedford Co.	312	9/21/2008
Bishop Vol. Fire Dept.	18509	Tazewell Co.	391	10/6/2008
Black Creek VFD	08512	Hanover Co.	419	10/10/2008
Blacksburg Vol. Fire Dept.	12102	Montgomery Co.	397	10/7/2008
Blackstone Vol. Fire Co.	13504	Nottoway Co.	189	9/5/2008
Blackwater VFD	10511	Lee Co.	403	10/8/2008
Blairs Vol. Fire Dept.	14315	Pittsylvania Co.	144	8/29/2008
Bland Co. VFD	02101	Bland Co.	240	9/12/2008

2008 Needs Assessment Completed Surveys By Fire Department

Fire Department	FDID	County/City	Survey Number *	Date Completed
Bloxom Vol. Fire Co., Inc.	00106	Accomack Co.	375	10/2/2008
Blue Ridge Vol. Fire & Rescue, Inc.	02301	Botetourt Co.	314	9/21/2008
Blue Ridge Vol. Fire / Rescue Co.	04308	Clarke Co.	20	8/13/2008
Bluefield Virginia Vol. Fire Dept.	18502	Tazewell Co.	8	8/12/2008
Boiling Springs VFD	00501	Alleghany Co.	289	9/17/2008
Boonsboro Vol. Fire & Rescue, Inc.	01901	Bedford Co.	88	8/20/2008
Botetourt Co. Emergency Services	02300	Botetourt Co.	276	9/16/2008
Bowling Green Vol. Fire Dept.	03301	Caroline Co.	227	9/11/2008
Boyce Vol. Fire Co., Inc.	04304	Clarke Co.	308	9/20/2008
Boydton Vol. Fire Dept., Inc.	11701	Mecklenburg Co.	357	9/29/2008
Boykins VFD & Rescue Squad, Inc.	17501	Southampton Co.	427	10/14/2008
Branchville Vol. Fire Dept.	17502	Southampton Co.	159	9/1/2008
Brandy Station VFD	04701	Culpeper Co.	409	10/9/2008
Bridgewater Vol. Fire Co.	16515	Rockingham Co.	367	10/1/2008
Bristol Fire Dept.	52000	Bristol	378	10/2/2008
Broadway Vol. Fire Dept.	16505	Rockingham Co.	456	10/20/2008
Brodnax Vol. Fire Dept.	02502	Brunswick Co.	527	11/4/2008
Brookneal Vol. Fire Dept.	03111	Campbell Co.	60	8/18/2008
Brookville-Timberlake Vol. Fire Dept.	03112	Campbell Co.	43	8/15/2008
Brosville Community Vol. Fire Dept.	14313	Pittsylvania Co.	21	8/13/2008
Brumley Gap VFD	19112	Washington Co.	534	11/5/2008
Buchanan Vol. Fire Dept.	02303	Botetourt Co.	363	9/30/2008
Buckhall Vol. Fire Dept.	15316	Prince William Co.	414	10/9/2008
Buckhorn Vol. Fire Dept.	11702	Mecklenburg Co.	350	9/27/2008
Buena Vista Fire Dept.	53000	Buena Vista	156	9/1/2008
Bumpass VFD	10901	Louisa Co.	11	8/12/2008
Burkeville VFD	13502	Nottoway Co.	530	11/4/2008
Burnt Chimney VFD	06702	Franklin Co.	149	8/30/2008
Burrowsville VFD	14904	Prince George Co.	125	8/28/2008
Callands Vol. Fire & Rescue Dept.	14316	Pittsylvania Co.	192	9/6/2008
Callao Vol. Fire Dept., Inc.	13302	Northumberland Co.	184	9/4/2008
Campbell Co. Dept. of Public Safety	03199	Campbell Co.	87	8/20/2008
Canva Vol. Fire Dept.	03501	Carroll Co.	285	9/16/2008
Cape Charles Vol. Fire Dept.	13115	Northampton Co.	532	11/5/2008
Capron Vol. Fire & First Aid Squad, Inc.	17503	Southampton Co.	177	9/3/2008
Caroline Co. Fire & Rescue	03300	Caroline Co.	216	9/9/2008
Carrsville Vol. Fire Dept.	09302	Isle of Wight Co.	360	9/30/2008
Cartersville Vol. Fire Dept.	04901	Cumberland Co.	418	10/10/2008
Cascade Vol. Fire Dept.	14318	Pittsylvania Co.	291	9/17/2008
Castleton Community Vol. Fire Dept.	15705	Rappahannock Co.	483	10/24/2008
Castlewood Fire and Rescue	16707	Russell Co.	455	10/20/2008
Catlett Volunteer Fire & Rescue Company	06107	Fauquier Co.	63	8/18/2008
CCDF Vol. Fire Dept.	14102	Patrick Co.	458	10/20/2008
Central King & Queen Vol. Fire Dept.	09701	King & Queen Co.	135	8/28/2008
Ceres Vol. Fire Dept.	02102	Bland Co.	313	9/21/2008
Chancellor Volunteer Fire and Rescue	17705	Spotsylvania Co.	508	10/29/2008
Charles City Vol. Fire / EMS	03601	Charles City Co.	237	9/11/2008
Charlotte Court House Vol. Fire Dept.	03702	Charlotte Co.	498	10/28/2008
Charlottesville Fire Dept.	54000	Charlottesville	147	8/29/2008
Chase City Vol. Fire Dept.	11703	Mecklenburg Co.	304	9/18/2008
Chatham Vol. Fire Dept.	14311	Pittsylvania Co.	185	9/5/2008
Cheriton Vol. Fire Dept.	13114	Northampton Co.	520	11/3/2008
Chesapeake Fire Department	55000	Chesapeake	220	9/9/2008
Chester Gap Vol. Fire Dept.	15706	Rappahannock Co.	467	10/21/2008
Chesterfield Fire & EMS	04100	Chesterfield Co.	191	9/6/2008
Chickahominy VFD	08510	Hanover Co.	400	10/8/2008
Chilhowie Fire Dept.	17303	Smyth Co.	22	8/13/2008

2008 Needs Assessment Completed Surveys By Fire Department

Fire Department	FDID	County/City	Survey Number *	Date Completed
Chincoteague VFD	00103	Accomack Co.	475	10/22/2008
Christiansburg Vol. Fire Dept.	12103	Montgomery Co.	199	9/8/2008
Chuckatuck Vol. Fire Dept.	80001	Suffolk	54	8/18/2008
Churchville Vol. Fire Dept.	01504	Augusta Co.	503	10/28/2008
Claremont Vol. Fire Dept.	18101	Surry Co.	259	9/15/2008
Clarke Co. Emergency Services	04300	Clarke Co.	344	9/26/2008
Clarksville Vol. Fire Dept.	11704	Mecklenburg Co.	80	8/20/2008
Clear Brook Vol. Fire & Rescue, Inc.	06913	Frederick Co.	133	8/28/2008
Clearfolk Vol. Fire Dept.	18512	Tazewell Co.	252	9/14/2008
Cleveland Vol. Fire Dept.	16701	Russell Co.	305	9/19/2008
Clifton Forge Fire Dept.	56000	Alleghany Co.	12	8/12/2008
Climax Vol. Fire Dept.	14308	Pittsylvania Co.	142	8/29/2008
Clinch Mountain Vol. Fire Dept.	19108	Washington Co.	539	11/6/2008
Clinchco VFD	05103	Dickenson Co.	504	10/29/2008
Clintwood Vol. Fire Dept.	05101	Dickenson Co.	519	11/3/2008
Clover Hill Vol. Fire Co.	16517	Rockingham Co.	517	11/2/2008
Clover Vol. Fire Dept.	08301	Halifax Co.	52	8/17/2008
Cluster Springs Vol. Fire Dept.	08302	Halifax Co.	506	10/29/2008
Coeburn Vol. Fire Dept.	19516	Wise Co.	15	8/12/2008
Coles District Vol. Fire Dept. & Rescue	15306	Prince William Co.	331	9/24/2008
Collinsville Vol. Fire Dept.	08903	Henry Co.	262	9/15/2008
Colonial Beach Vol. Fire Dept.	19301	Westmoreland Co.	485	10/24/2008
Colonial Heights Fire & EMS	57000	Colonial Heights	174	9/3/2008
Community Fire Company, Inc.	13113	Northampton Co.	337	9/25/2008
Concord Vol. Fire Dept.	03113	Campbell Co.	122	8/27/2008
Conicville Vol. Fire Dept.	17113	Shenandoah Co.	195	9/7/2008
Cople District Vol. Fire Dept.	19302	Westmoreland Co.	440	10/17/2008
Copper Creek-Moccasin Vol. Fire Dept.	16706	Russell Co.	55	8/18/2008
Council Vol. Fire Dept.	02704	Buchanan Co.	399	10/7/2008
Courtland Vol. Fire Dept.	17504	Southampton Co.	261	9/15/2008
Cove Vol. Fire Dept.	18514	Tazewell Co.	529	11/4/2008
Covington Fire Dept.	58000	Covington	196	9/7/2008
Craigsville Vol. Fire Dept.	01508	Augusta Co.	86	8/20/2008
Crewe Vol. Fire Dept.	13503	Nottoway Co.	333	9/24/2008
Crozet Vol. Fire Dept.	00350	Albemarle Co.	265	9/15/2008
Culpeper Co. VFD	04702	Culpeper Co.	243	9/12/2008
Cumberland VFD	04902	Cumberland Co.	424	10/11/2008
DAD Vol. Fire Dept.	18513	Tazewell Co.	471	10/21/2008
Dale City Vol. Fire Dept. (Birchdale)	15310	Prince William Co.	460	10/20/2008
Damascus Vol. Fire Dept.	19103	Washington Co.	368	10/1/2008
Dante Vol. Fire Dept.	16702	Russell Co.	346	9/26/2008
Danville Fire Dept.	59000	Danville	93	8/21/2008
Darlington Heights Vol. Fire Dept.	14703	Prince Edward Co.	167	9/2/2008
Deep Creek Vol. Fire Dept.	14505	Powhatan Co.	404	10/8/2008
Deerfield Valley Vol. Fire Dept.	01502	Augusta Co.	364	9/30/2008
Dendron VFD	18102	Surry Co.	393	10/6/2008
Dillwyn Vol. Fire Dept.	02902	Buckingham Co.	101	8/23/2008
Dinwiddie Co. Public Safety	05300	Dinwiddie Co.	173	9/3/2008
Dinwiddie Vol. Fire & EMS	05301	Dinwiddie Co.	85	8/20/2008
Dolphin VFD	02503	Brunswick Co.	81	8/20/2008
Dooms Vol. Fire Dept.	01509	Augusta Co.	23	8/13/2008
Doswell VFD	08504	Hanover Co.	453	10/20/2008
Drakes Branch Vol. Fire Dept.	03704	Charlotte Co.	31	8/13/2008
Draper Vol. Fire Dept.	15501	Pulaski Co.	472	10/22/2008
Drewryville Vol. Fire Dept.	17509	Southampton Co.	110	8/25/2008
Driver Vol. Fire Dept.	80002	Suffolk	446	10/17/2008
Dublin Vol. Fire Dept.	15502	Pulaski Co.	104	8/23/2008

2008 Needs Assessment Completed Surveys By Fire Department

Fire Department	FDID	County/City	Survey Number *	Date Completed
Duffield Vol. Fire & Rescue	16901	Scott Co.	486	10/25/2008
Dumfries-Triangle Vol. Fire Dept.	15303	Prince William Co.	493	10/27/2008
Dungannon Vol. Fire Dept.	16902	Scott Co.	338	9/25/2008
Dyers Store Vol. Fire Dept.	08904	Henry Co.	434	10/15/2008
Dyke Vol. Fire Co., Inc.	07903	Greene Co.	38	8/14/2008
Eagle Rock Vol. Fire Dept.	02305	Botetourt Co.	340	9/25/2008
Earlsville VFD	00340	Albemarle Co.	547	11/9/2008
East Rivanne VFD	00320	Albemarle Co.	292	9/17/2008
Eastern Hanover VFD	08503	Hanover Co.	451	10/20/2008
Eastville Vol. Fire Co., Inc.	13117	Northampton Co.	40	8/15/2008
Ebony VFD	02504	Brunswick Co.	332	9/24/2008
Edinburg Vol. Fire Dept.	17115	Shenandoah Co.	116	8/25/2008
Eggleston Vol. Fire Dept.	07110	Giles Co.	473	10/22/2008
Elk Creek VFD	07701	Grayson Co.	6	8/12/2008
Elkton Vol. Fire Company	16503	Rockingham Co.	413	10/9/2008
Elliston Vol. Fire Dept.	12104	Montgomery Co.	349	9/26/2008
Emporia Fire Admin.	59500	Emporia	201	9/8/2008
Evergreen Vol. Fire Dept.	15315	Prince William Co.	30	8/13/2008
Evington Vol. Fire Dept.	03117	Campbell Co.	138	8/29/2008
Faber Vol. Fire Dept.	12503	Nelson Co.	154	9/1/2008
Fairfax City Fire Department	60000	Fairfax	329	9/24/2008
Fairfax Co. Fire & Rescue Department	05900	Fairfax Co.	207	9/8/2008
Fairfields Vol. Fire Dept.	13303	Northumberland Co.	29	8/13/2008
Fairystone Vol. Fire Dept.	14109	Patrick Co.	358	9/29/2008
Falling Spring Fire Department	00503	Alleghany Co.	118	8/25/2008
Falls Church Vol. Fire Dept.	61000	Falls Church	461	10/20/2008
Falmouth VFD	17901	Stafford Co.	112	8/25/2008
Farmville Vol. Fire Dept.	14701	Prince Edward Co.	48	8/17/2008
Farrington VFD	08511	Hanover Co.	438	10/16/2008
Fauquier Co. Office of Emerg. Svcs.	06100	Fauquier Co.	336	9/25/2008
Ferrum VFD	06704	Franklin Co.	117	8/25/2008
Fieldale Vol. Fire Dept.	08905	Henry Co.	386	10/5/2008
Fincastle Vol. Fire Dept.	02304	Botetourt Co.	226	9/11/2008
Fine Creek Vol. Fire Dept.	14504	Powhatan Co.	422	10/10/2008
Flint Hill Vol. Fire Dept.	15704	Rappahannock Co.	76	8/19/2008
Floyd Co. Vol. Fire Dept. # 1	06301	Floyd Co.	454	10/20/2008
Floyd Co. Vol. Fire Dept. # 2	06302	Floyd Co.	283	9/16/2008
Floyd Co. Vol. Fire Dept. # 3	06303	Floyd Co.	502	10/28/2008
Fluvanna Co. VFD	06500	Fluvanna Co.	64	8/18/2008
Forest Vol. Fire Dept.	01902	Bedford Co.	32	8/13/2008
Fork Union Fire Co.	06502	Fluvanna Co.	387	10/5/2008
Fort Blackmore Vol. Fire Dept.	16907	Scott Co.	65	8/18/2008
Fort Lewis Fire & EMS Company	16109	Roanoke Co.	452	10/20/2008
Franklin Co. Emergency Services	06700	Franklin Co.	75	8/19/2008
Franklin Fire & Rescue Dept.	62000	Franklin	3	8/12/2008
Frederick Co. Fire & Rescue Dept.	06900	Frederick Co.	4	8/12/2008
Fredericksburg Fire Dept.	63000	Fredericksburg	61	8/18/2008
Fries Vol. Fire Dept.	07702	Grayson Co.	496	10/27/2008
Frog Level VFD	03305	Caroline Co.	423	10/11/2008
Front Royal & Rescue Vol. Fire Dept.	18701	Warren Co.	341	9/25/2008
Gainesboro Vol. Fire Dept.	06916	Frederick Co.	251	9/14/2008
Gainesville-District Vol. Fire Dept.	15304	Prince William Co.	411	10/9/2008
Galax VFD	64000	Galax	464	10/21/2008
Gasburg VFD	02505	Brunswick Co.	14	8/12/2008
Gate City Vol. Fire Dept.	16903	Scott Co.	392	10/6/2008
Glade Hill VFD	06706	Franklin Co.	157	9/1/2008
Glade Spring VFD	19104	Washington Co.	197	9/8/2008

2008 Needs Assessment Completed Surveys By Fire Department

Fire Department	FDID	County/City	Survey Number *	Date Completed
Gladstone Vol. Fire Dept.	12504	Nelson Co.	306	9/19/2008
Gladys Vol. Fire Dept.	03114	Campbell Co.	169	9/2/2008
Glasgow VFD	16302	Rockbridge Co.	359	9/29/2008
Glen Lyn Vol. Fire Dept.	07120	Giles Co.	151	8/31/2008
Glen Wilton Vol. Fire Dept.	02306	Botetourt Co.	538	11/6/2008
Glenmore Vol. Fire Dept.	02903	Buckingham Co.	366	9/30/2008
Gloucester Vol. Fire & Rescue	07310	Gloucester Co.	266	9/16/2008
Goochland Co. Fire & Rescue Vol. Assoc., Inc.	07500	Goochland Co.	280	9/16/2008
Goodson-Kinderhook VFD	19111	Washington Co.	476	10/22/2008
Gordonsville Vol. Fire Dept.	13702	Orange Co.	523	11/3/2008
Goshen VFD	16303	Rockbridge Co.	296	9/17/2008
Greenbackville VFD	00102	Accomack Co.	310	9/20/2008
Grottoes Vol. Fire Dept.	16520	Rockingham Co.	361	9/30/2008
Grundy Vol. Fire Dept.	02701	Buchanan Co.	459	10/20/2008
Halifax Vol. Fire Dept.	08303	Halifax Co.	324	9/23/2008
Hamilton VFD	10705	Loudoun Co.	204	9/8/2008
Hampden-Sydney Vol. Fire Dept.	14702	Prince Edward Co.	132	8/28/2008
Hampton Division of Fire & Rescue	65000	Hampton	213	9/8/2008
Hanover Co. Fire Admin.	08500	Hanover Co.	410	10/9/2008
Hanover Court House Vol. Fire Dept.	08505	Hanover Co.	68	8/18/2008
Hardy Vol. Fire Dept.	01903	Bedford Co.	431	10/14/2008
Harrisonburg Fire Dept.	66000	Harrisonburg	90	8/21/2008
Hartfield VFD	11901	Middlesex Co.	198	9/8/2008
Haysi Vol. Fire Dept.	05102	Dickenson Co.	187	9/5/2008
Henrico Co. - Division of Fire	08700	Henrico Co.	160	9/2/2008
Henry Co. Dept. of Public Safety	08900	Henry Co.	130	8/28/2008
Henry Vol Fire Dept.	08506	Hanover Co.	447	10/17/2008
Highland Co. Vol. Fire Dept.	09101	Highland Co.	175	9/3/2008
Hillsville Vol. Fire Dept.	03502	Carroll Co.	16	8/13/2008
Hiltons Vol. Fire Dept.	16904	Scott Co.	526	11/4/2008
Holland Vol. Fire Dept.	80003	Suffolk	525	11/4/2008
Hollins Fire Company	16105	Roanoke Co.	372	10/1/2008
Holly Grove VFD	10902	Louisa Co.	233	9/11/2008
Hollybrook-Mechanicsburg Vol. Fire Dept.	02105	Bland Co.	513	10/30/2008
Honaker Vol. Fire Dept.	16703	Russell Co.	469	10/21/2008
Hopewell Bureau of Fire	67000	Hopewell	317	9/22/2008
Horsepasture District Vol. Fire Dept.	08906	Henry Co.	136	8/28/2008
Hose Company No. 4	16544	Rockingham Co.	268	9/16/2008
Hot Springs Vol. Fire & Rescue Assoc.	01702	Bath Co.	428	10/14/2008
Huddleston Vol. Fire Dept., Inc.	01904	Bedford Co.	119	8/26/2008
Huguenot Vol. Fire Dept.	14502	Powhatan Co.	13	8/12/2008
Hunterdale Vol. Fire Dept.	62001	Franklin	244	9/12/2008
Hurt Vol. Fire Dept.	14302	Pittsylvania Co.	258	9/15/2008
Iron Gate Vol. Fire Dept.	00504	Alleghany Co.	293	9/17/2008
Isle of Wight Co., Dept. Emerg. Svcs.	09390	Isle of Wight Co.	77	8/19/2008
Ivanhoe Vol. Fire Dept.	19702	Wythe Co.	111	8/25/2008
Ivor Vol. Fire Dept.	17506	Southampton Co.	78	8/19/2008
James City Co. Fire Dept.	09500	James City Co.	114	8/25/2008
Jasper Volunteer Fire Department, Inc.	10512	Lee Co.	162	9/2/2008
Jewell Ridge Vol. Fire Dept.	18503	Tazewell Co.	528	11/4/2008
John H. Enders VFD	04301	Clarke Co.	376	10/2/2008
Johns Creek Vol. Fire Dept.	04501	Craig Co.	152	8/31/2008
Jonesville Vol. Fire Dept.	10501	Lee Co.	401	10/8/2008
Kenbridge Vol. Fire Dept.	11101	Lunenburg Co.	124	8/27/2008
Kentuck Vol. Fire Dept.	14319	Pittsylvania Co.	41	8/15/2008
Keokee VFD	10502	Lee Co.	457	10/20/2008
Kerrs Creek VFD	16304	Rockbridge Co.	441	10/17/2008

2008 Needs Assessment Completed Surveys By Fire Department

Fire Department	FDID	County/City	Survey Number *	Date Completed
Keysville Vol. Fire Dept.	03705	Charlotte Co.	70	8/19/2008
Kilmarnock Vol. Fire Dept.	10308	Lancaster Co.	439	10/16/2008
King George Co. Dept. of Emerg. Svcs.	09900	King George Co.	301	9/17/2008
King William Co. Emergency Services	10100	King William Co.	295	9/17/2008
King William Vol. Fire Dept. & Rescue Squad	10101	King William Co.	371	10/1/2008
Knox Creek Vol. Fire Dept.	02706	Buchanan Co.	389	10/5/2008
LaCrosse Vol. Fire Dept., Inc.	11705	Mecklenburg Co.	444	10/17/2008
Ladysmith VFD	03302	Caroline Co.	470	10/21/2008
Lake Gaston Vol. Fire Dept.	11708	Mecklenburg Co.	215	9/8/2008
Lake Jackson District Vol. Fire Dept.	15307	Prince William Co.	298	9/17/2008
Lake Monticello Fire Dept. & Rescue Squad	06504	Fluvanna Co.	100	8/22/2008
Lake of the Woods VFD	13703	Orange Co.	115	8/25/2008
Laurel Fork Vol. Fire Dept.	03503	Carroll Co.	537	11/5/2008
Laurel Grove Vol. Fire Dept.	14321	Pittsylvania Co.	39	8/14/2008
Lawrenceville Vol. Fire Dept.	02506	Brunswick Co.	353	9/28/2008
Lebanon Vol. Fire Dept.	16704	Russell Co.	168	9/2/2008
Leesburg Vol. Fire Dept.	10701	Loudoun Co.	161	9/2/2008
Lexington Fire Dept.	67800	Lexington	194	9/7/2008
Liberty VFD	08304	Halifax Co.	542	11/7/2008
Linden Vol. Fire Dept.	18706	Warren Co.	91	8/21/2008
Little Creek Vol. Fire Dept.	02106	Bland Co.	250	9/14/2008
Little Fork VFD & Rescue Co.	04706	Culpeper Co.	44	8/16/2008
Locust Creek VFD	10903	Louisa Co.	463	10/21/2008
Lois VFD	06113	Fauquier Co.	406	10/9/2008
Longshop-McCoy Vol. Fire Dept.	12105	Montgomery Co.	230	9/11/2008
Loudoun Co. Fire / Rescue & EMS	10700	Loudoun Co.	219	9/9/2008
Louisa Co. Office of Emerg. Svcs.	10900	Louisa Co.	271	9/16/2008
Louisa Vol. Fire Dept.	10904	Louisa Co.	158	9/1/2008
Lovettsville Vol. Fire / Rescue	10712	Loudoun Co.	494	10/27/2008
Lovingston Vol. Fire Dept.	12501	Nelson Co.	505	10/29/2008
Lower King & Queen Vol. Fire Dept.	09702	King & Queen Co.	224	9/10/2008
Lower Middlesex VFD	11902	Middlesex Co.	499	10/28/2008
Luray Vol. Fire Dept.	13901	Page Co.	432	10/14/2008
Lynchburg Fire Department	68000	Lynchburg	69	8/18/2008
Lyn-Dan Heights Vol. Fire Dept.	03115	Campbell Co.	383	10/4/2008
Macon Fire Dept.	14503	Powhatan Co.	436	10/15/2008
Madison Co. Vol. Fire Dept.	11301	Madison Co.	218	9/9/2008
Manassas Park Fire Dept.	68509	Manassas Park	164	9/2/2008
Manassas Vol. Fire Co.	68301	Manassas	188	9/5/2008
Mangohick Vol. Fire Dept., Inc.	10104	King William Co.	416	10/9/2008
Mannboro VFD	00702	Amelia Co.	521	11/3/2008
Marion Vol. Fire Dept.	17304	Smyth Co.	297	9/17/2008
Marshall Vol. Fire Dept.	06103	Fauquier Co.	352	9/28/2008
Martinsville Fire & EMS	69000	Martinsville	34	8/14/2008
Mathews Vol. Fire Dept., Inc.	11501	Mathews Co.	269	9/16/2008
Mattoax VFD	00704	Amelia Co.	140	8/29/2008
Max Meadows Vol. Fire Dept.	19703	Wythe Co.	171	9/2/2008
McDowell VFD	09102	Highland Co.	531	11/5/2008
McGaheysville Vol. Fire Dept.	16508	Rockingham Co.	495	10/27/2008
McKenney Vol. Fire Dept.	05303	Dinwiddie Co.	178	9/4/2008
Meadows of Dan Vol. Fire Dept.	14104	Patrick Co.	402	10/8/2008
Meadowview VFD	19105	Washington Co.	246	9/13/2008
Mechanicsville VFD	08507	Hanover Co.	33	8/13/2008
Meherrin Vol. Fire Dept.	11102	Lunenburg Co.	437	10/16/2008
Melfa Vol. Fire / Rescue	00110	Accomack Co.	319	9/22/2008
Middleburg VFD, Inc.	10703	Loudoun Co.	394	10/6/2008
Middlesex Vol. Fire Dept.	11903	Middlesex Co.	449	10/18/2008

2008 Needs Assessment Completed Surveys By Fire Department

Fire Department	FDID	County/City	Survey Number *	Date Completed
Middletown Vol. Fire & Rescue	06912	Frederick Co.	200	9/8/2008
Midway Vol. Fire Dept., Inc.	08305	Halifax Co.	511	10/30/2008
Millwood Station Fire & Rescue	06921	Frederick Co.	42	8/15/2008
Mine Run VFD	13704	Orange Co.	450	10/19/2008
Mineral Vol. Fire Dept.	10905	Louisa Co.	443	10/17/2008
Monelison VFD	00902	Amherst Co.	150	8/31/2008
Moneta Vol. Fire Dept.	01905	Bedford Co.	339	9/25/2008
Montebello Vol. Fire Dept. and Rescue Squad	12507	Nelson Co.	94	8/21/2008
Montpelier VFD	08508	Hanover Co.	417	10/10/2008
Montvale VFD	01907	Bedford Co.	429	10/14/2008
Moorefield Store Vol. Fire Dept.	14105	Patrick Co.	66	8/18/2008
Mount Cross Vol. Fire Dept.	14307	Pittsylvania Co.	137	8/29/2008
Mount Hermon Vol. Fire Dept.	14306	Pittsylvania Co.	242	9/12/2008
Mountain View VFD	17904	Stafford Co.	373	10/2/2008
Mt. Jackson Rescue and Fire Department, Inc.	17121	Shenandoah Co.	544	11/7/2008
Mt. Solon Vol. Fire & Rescue	01521	Augusta Co.	128	8/28/2008
Namozine Vol. Fire & Rescue Dept.	05304	Dinwiddie Co.	108	8/24/2008
Narrows Vol. Fire Dept.	07130	Giles Co.	318	9/22/2008
Natural Bridge Vol. Fire Dept.	16309	Rockbridge Co.	435	10/15/2008
Nebo VFD	17305	Smyth Co.	379	10/3/2008
Neersville Vol. Fire / Rescue	10716	Loudoun Co.	491	10/27/2008
New Baltimore Vol. Fire & Rescue	06110	Fauquier Co.	45	8/16/2008
New Castle Vol. Fire Dept.	04504	Craig Co.	72	8/19/2008
New Church Vol. Fire / Rescue	00101	Accomack Co.	263	9/15/2008
New Hope Vol. Fire Dept.	01518	Augusta Co.	328	9/24/2008
New Kent Fire - Rescue	12700	New Kent Co.	343	9/26/2008
Newbern VFD	15505	Pulaski Co.	315	9/21/2008
Newport News Fire Dept.	70001	Newport News	24	8/13/2008
Newsoms Vol. Fire Dept.	17507	Southampton Co.	294	9/17/2008
Nickelsville Vol. Fire Dept.	16905	Scott Co.	385	10/4/2008
Nokesville Vol. Fire Dept.	15305	Prince William Co.	300	9/17/2008
Norfolk Fire & Rescue	71000	Norfolk	182	9/4/2008
North Garden VFC	00330	Albemarle Co.	127	8/28/2008
North Halifax Fire Dept.	08306	Halifax Co.	492	10/27/2008
North Mountain Vol. Fire Dept.	06919	Frederick Co.	381	10/3/2008
North Warren Vol. Fire & Rescue	18707	Warren Co.	155	9/1/2008
Northampton Fire & Rescue, Inc.	13116	Northampton Co.	214	9/8/2008
Norton Fire Dept.	72000	Norton	380	10/3/2008
Oak Grove Vol. Fire Dept.	19303	Westmoreland Co.	17	8/13/2008
Oak Level Vol. Fire Dept.	08307	Halifax Co.	514	10/31/2008
Oakwood Vol. Fire Dept., Inc.	02702	Buchanan Co.	146	8/29/2008
Occoquan-Woodbrige-Lorton Vol. Fire Dept.	15302	Prince William Co.	377	10/2/2008
Onancock VFD	00109	Accomack Co.	203	9/8/2008
Onley Vol. Fire & Rescue	00118	Accomack Co.	241	9/12/2008
Orange Co. Fire and EMS	13700	Orange Co.	163	9/2/2008
Orange Vol. Fire Dept.	13705	Orange Co.	264	9/15/2008
Page Co. Fire & EMS	13900	Page Co.	229	9/11/2008
Paint Bank Vol. Fire Dept.	04502	Craig Co.	273	9/16/2008
Painter VFD	00112	Accomack Co.	148	8/29/2008
Palmer Springs Vol. Fire Dept., Inc.	11706	Mecklenburg Co.	482	10/24/2008
Palmyra VFD	06501	Fluvanna Co.	303	9/18/2008
Pamplin Vol. Fire Dept. and EMS	01102	Appomattox Co.	445	10/17/2008
Parksley Volunteer Fire Co., Inc.	00107	Accomack Co.	281	9/16/2008
Patrick Co. Dept. of Emerg. Mgmt.	14100	Patrick Co.	180	9/4/2008
Patrick Spring Vol. Fire Dept.	14110	Patrick Co.	334	9/24/2008
Patrick-Henry Vol. Fire Dept.	14107	Patrick Co.	390	10/6/2008
Pedlar VFD	00903	Amherst Co.	362	9/30/2008

2008 Needs Assessment Completed Surveys By Fire Department

Fire Department	FDID	County/City	Survey Number *	Date Completed
Pennington Gap Vol. Fire Dept.	10503	Lee Co.	320	9/23/2008
Petersburg Fire, Rescue & Emerg. Svcs.	73000	Petersburg	223	9/10/2008
Phenix VFD	03706	Charlotte Co.	395	10/7/2008
Philomont VFD	10708	Loudoun Co.	50	8/17/2008
Piney River Vol. Fire Dept.	12502	Nelson Co.	468	10/21/2008
Pocahontas Vol. Fire Dept.	18504	Tazewell Co.	274	9/16/2008
Poplar Hill Vol. Fire Dept.	07170	Giles Co.	474	10/22/2008
Poquoson Fire / Rescue Dept.	73500	Poquoson	84	8/20/2008
Portsmouth Fire Department	74000	Portsmouth	113	8/25/2008
Potomac Hills VFD	17910	Stafford Co.	426	10/13/2008
Pound Vol. Fire Dept.	19570	Wise Co.	254	9/14/2008
Powhatan Co. Fire Admin.	14500	Powhatan Co.	82	8/20/2008
Powhatan Co. Vol. Fire Dept., Co. # 1	14501	Powhatan Co.	430	10/14/2008
Preston L. Yancey Vol. Fire Dept.	01511	Augusta Co.	348	9/26/2008
Prince George Fire, EMS and Emerg. Mgmt.	14900	Prince George Co.	129	8/28/2008
Prince George Vol. Fire Dept.	14901	Prince George Co.	497	10/28/2008
Prince Wm. Co. Dept. of Fire / Rescue	15301	Prince William Co.	165	9/2/2008
Prospect Vol. Fire Dept., Inc.	14704	Prince Edward Co.	316	9/21/2008
Pulaski Co. Emergency Services	15500	Pulaski Co.	412	10/9/2008
Pulaski Fire Dept.	15506	Pulaski Co.	19	8/13/2008
Purcellville Vol. Fire Dept.	10702	Loudoun Co.	522	11/3/2008
Radford Fire Dept.	75000	Radford	26	8/13/2008
Randolph District Vol. Fire Dept.	04903	Cumberland Co.	545	11/7/2008
Raphine Vol. Fire Company, Inc.	16305	Rockbridge Co.	245	9/13/2008
Rapidan VFD	04705	Culpeper Co.	442	10/17/2008
Red House Vol. Fire Dept.	03707	Charlotte Co.	10	8/12/2008
Remington Vol. Fire & Rescue Dept., Inc.	06102	Fauquier Co.	356	9/29/2008
Renan VFD	14303	Pittsylvania Co.	190	9/5/2008
Reva Vol. Fire & Rescue Dept.	04707	Culpeper Co.	46	8/16/2008
Riceville-Java VFD	14301	Pittsylvania Co.	67	8/18/2008
Rich Creek Vol. Fire Dept.	07180	Giles Co.	217	9/9/2008
Richardsville VFD	04703	Culpeper Co.	234	9/11/2008
Richlands Vol. Fire Dept.	18505	Tazewell Co.	477	10/22/2008
Richmond Co. Vol. Fire Dept., Inc.	15901	Richmond Co.	415	10/9/2008
Richmond Dept. Fire / Emergency Services	76000	Richmond	307	9/19/2008
Ridgeway District Vol. Fire Dept.	08908	Henry Co.	49	8/17/2008
Riner Vol. Fire Dept.	12106	Montgomery Co.	330	9/24/2008
Ringgold Vol. Fire & Rescue	14309	Pittsylvania Co.	172	9/2/2008
River Bend Vol. Fire Dept.	14304	Pittsylvania Co.	97	8/21/2008
Rivermont Vol. Fire Dept.	18702	Warren Co.	501	10/28/2008
Roanoke County Fire & Rescue	16100	Roanoke Co.	181	9/4/2008
Roanoke Dept. of Fire - EMS	77000	Roanoke	228	9/11/2008
Rockbridge Baths VFD	16306	Rockbridge Co.	290	9/17/2008
Rockfish Valley Vol. Fire Dept.	12505	Nelson Co.	222	9/10/2008
Rockingham Co. Dept. of Fire & Rescue	16500	Rockingham Co.	210	9/8/2008
Rockville VFD	08509	Hanover Co.	388	10/5/2008
Rocky Gap Vol. Fire Dept.	02103	Bland Co.	18	8/13/2008
Rocky Mount Vol. Fire Dept.	06707	Franklin Co.	179	9/4/2008
Round Hill Community Vol. Fire Dept.	06915	Frederick Co.	536	11/5/2008
Rugby Fire Dept.	07706	Grayson Co.	153	9/1/2008
Rural Retreat Vol. Fire Dept.	19704	Wythe Co.	193	9/6/2008
Rushmere Vol. Fire Dept.	09305	Isle of Wight Co.	325	9/23/2008
Saint Paul Vol. Fire Dept.	19580	Wise Co.	323	9/23/2008
Salem Fire & EMS Dept.	77500	Salem	58	8/18/2008
Salem Vol. Fire / Rescue	04704	Culpeper Co.	351	9/27/2008
Saltville Vol. Fire Dept.	17306	Smyth Co.	260	9/15/2008
Sandy Ridge Vol. Fire Dept.	05104	Dickenson Co.	202	9/8/2008

2008 Needs Assessment Completed Surveys By Fire Department

Fire Department	FDID	County/City	Survey Number *	Date Completed
Saunders Vol. Fire Dept.	01911	Bedford Co.	487	10/26/2008
Scottsburg Vol. Fire Dept.	08308	Halifax Co.	433	10/14/2008
Scottsville VFD	00370	Albemarle Co.	515	10/31/2008
Scruggs VFD	06708	Franklin Co.	270	9/16/2008
Sedley Vol. Fire Dept.	17508	Southampton Co.	321	9/23/2008
Selma VFD	00505	Alleghany Co.	500	10/28/2008
Seminole Trail VFD	00380	Albemarle Co.	238	9/11/2008
Shady Grove Volunteer Fire Department	01912	Bedford Co.	1	8/12/2008
Sharon Volunteer Fire Department	00506	Alleghany Co.	247	9/13/2008
Shenandoah Co. Dept. of Fire & Rescue	17100	Shenandoah Co.	92	8/21/2008
Shenandoah Farms VFD	04306	Clarke Co.	286	9/16/2008
Shenandoah Vol. Fire Co., Inc.	13902	Page Co.	369	10/1/2008
Simmons ville VFD	04503	Craig Co.	107	8/24/2008
Singers Glen Vol. Fire Co.	16501	Rockingham Co.	221	9/10/2008
Slate Creek Vol. Fire Dept.	02708	Buchanan Co.	73	8/19/2008
Smith Mountain Lake Marine Vol. Fire Co., Inc.	06709	Franklin Co.	139	8/29/2008
Smithfield Vol. Fire Dept., Inc.	09303	Isle of Wight Co.	143	8/29/2008
Snow Creek VFD	06710	Franklin Co.	365	9/30/2008
Snowville Fire Dept.	15507	Pulaski Co.	89	8/21/2008
South Boston Fire & EMS	78000	Halifax Co.	120	8/27/2008
South Hill Vol. Fire Dept.	11707	Mecklenburg Co.	374	10/2/2008
South River District VFD	16307	Rockbridge Co.	5	8/12/2008
South Warren Vol. Fire Dept.	18703	Warren Co.	524	11/4/2008
Sparta VFD Co. 4	03304	Caroline Co.	74	8/19/2008
Speedwell Vol. Fire Dept.	19705	Wythe Co.	384	10/4/2008
Sperryville Vol. Fire Dept.	15702	Rappahannock Co.	212	9/8/2008
Spotsylvania Co. Fire Admin.	17700	Spotsylvania Co.	335	9/25/2008
Spotsylvania Vol. Fire Dept.	17701	Spotsylvania Co.	370	10/1/2008
Stafford Co. Dept. of Fire / Rescue & Emerg. Svcs.	17900	Stafford Co.	407	10/9/2008
Stafford Vol. Fire Dept.	17902	Stafford Co.	478	10/23/2008
Stanardsville Vol. Fire Dept.	07902	Greene Co.	546	11/8/2008
Stanley Vol. Fire Dept.	13903	Page Co.	105	8/23/2008
Staunton Fire & Rescue Dept.	79000	Staunton	35	8/14/2008
Stephens City Fire Dept.	06911	Frederick Co.	420	10/10/2008
Stewartsville-Chamblissburg Vol. Fire Dept.	01908	Bedford Co.	272	9/16/2008
Stonewall Jackson Vol. Fire Dept.	15311	Prince William Co.	249	9/13/2008
Stony Creek Vol. Fire Dept.	18302	Sussex Co.	9	8/12/2008
Stony Point VFD	00360	Albemarle Co.	489	10/27/2008
Strasburg Vol. Fire Dept.	17151	Shenandoah Co.	540	11/6/2008
Stuart Vol. Fire Dept.	14106	Patrick Co.	51	8/17/2008
Stuarts Draft Vol. Fire Co.	01507	Augusta Co.	235	9/11/2008
Suffolk Fire & Rescue Dept.	80000	Suffolk	279	9/16/2008
Surry Vol. Fire Dept.	18103	Surry Co.	448	10/18/2008
Sussex Courthouse VFD	18305	Sussex Co.	425	10/13/2008
Swoope Vol. Fire Dept.	01514	Augusta Co.	311	9/21/2008
Tangier Vol. Fire Dept.	00121	Accomack Co.	205	9/8/2008
Tannersville Vol. Fire Dept.	18511	Tazewell Co.	533	11/5/2008
Tappahannock-Essex Vol. Fire Dept.	05701	Essex Co.	396	10/7/2008
Tasley VFD	00108	Accomack Co.	512	10/30/2008
Tazewell Co. Vol. Fire / Rescue	18506	Tazewell Co.	102	8/23/2008
Tazewell Town Fire Dept.	18507	Tazewell Co.	57	8/18/2008
The Plains Vol. Fire & Rescue	06104	Fauquier Co.	103	8/23/2008
Thomas Walker VFD # 1	10504	Lee Co.	183	9/4/2008
Thomas Walker Vol. Fire Dept. # 2	10508	Lee Co.	99	8/21/2008
Thompson Valley Vol. Fire Dept.	18516	Tazewell Co.	535	11/5/2008
Timberville Vol. Fire Dept.	16506	Rockingham Co.	541	11/6/2008
Toga Vol. Fire Dept.	02904	Buckingham Co.	96	8/21/2008

2008 Needs Assessment Completed Surveys By Fire Department

Fire Department	FDID	County/City	Survey Number *	Date Completed
Toms Brook VFD	17109	Shenandoah Co.	465	10/21/2008
Trevilians VFD	10906	Louisa Co.	257	9/15/2008
Triangle Vol. Fire Dept.	08309	Halifax Co.	211	9/8/2008
Triplet Vol. Fire Dept.	02507	Brunswick Co.	516	11/1/2008
Troutdale Community VFD	07705	Grayson Co.	255	9/15/2008
Troutville Vol. Fire Dept.	02302	Botetourt Co.	95	8/21/2008
Tunstall Vol. Fire & Rescue	14305	Pittsylvania Co.	131	8/28/2008
Turbeville Vol. Fire Dept.	08310	Halifax Co.	490	10/27/2008
Twin Community VFD	15508	Pulaski Co.	309	9/20/2008
Upper Caroline VFD	03306	Caroline Co.	398	10/7/2008
Upper Craig Creek Vol. Fire Dept.	04505	Craig Co.	236	9/11/2008
Upper King & Queen Vol. Fire Dept.	09703	King & Queen Co.	462	10/21/2008
Upper Middlesex Vol. Fire Dept.	11904	Middlesex Co.	176	9/3/2008
Valley Vol. Fire Dept.	19501	Wise Co.	79	8/19/2008
Verona Vol. Fire Dept.	01506	Augusta Co.	231	9/11/2008
Victoria Fire & Rescue, Inc.	11103	Lunenburg Co.	267	9/16/2008
Vinton Vol. Fire Dept.	16102	Roanoke Co.	382	10/4/2008
Virgilina Vol. Fire Dept.	08311	Halifax Co.	98	8/21/2008
Virginia Beach Fire Dept.	81000	Virginia Beach	208	9/8/2008
Wachapreague Vol. Fire Company, Inc.	00111	Accomack Co.	253	9/14/2008
Wakefield Vol. Fire Dept.	18303	Sussex Co.	284	9/16/2008
Walkers Creek Vol. Fire Dept.	16308	Rockbridge Co.	248	9/13/2008
Walkerton Comm. Fire Assoc.	09704	King & Queen Co.	126	8/28/2008
Warren Co. Fire & Rescue Services	18700	Warren Co.	121	8/27/2008
Warrenton Vol. Fire Co.	06101	Fauquier Co.	480	10/24/2008
Washington Co. Fire and Rescue	19110	Washington Co.	2	8/12/2008
Washington Vol. Fire & Rescue, Inc.	15701	Rappahannock Co.	7	8/12/2008
Waynesboro Fire Dept.	82000	Waynesboro	37	8/14/2008
Weber City Vol. Fire Dept.	16906	Scott Co.	543	11/7/2008
West Point Vol. Fire Dept.	10103	King William Co.	275	9/16/2008
Westmoreland Vol. Fire Dept.	19304	Westmoreland Co.	287	9/16/2008
Weyers Cave Vol. Fire Dept.	01505	Augusta Co.	27	8/13/2008
Whaleyville Vol. Fire Dept.	80004	Suffolk	134	8/28/2008
Whitewood Vol. Fire Dept.	02703	Buchanan Co.	170	9/2/2008
Williamsburg Fire Dept.	83000	Williamsburg	466	10/21/2008
Wilson Vol. Fire Dept.	01519	Augusta Co.	326	9/23/2008
Winchester Fire & Rescue	84000	Winchester	59	8/18/2008
Windsor Vol. Fire Dept.	09304	Isle of Wight Co.	322	9/23/2008
Wintergreen Vol. Fire Dept.	12506	Nelson Co.	186	9/5/2008
Wise Vol. Fire Dept.	19590	Wise Co.	405	10/9/2008
Woodstock Vol. Fire Dept., Inc.	17112	Shenandoah Co.	145	8/29/2008
Woolwine Vol. Fire Dept.	14108	Patrick Co.	53	8/18/2008
Wytheville Fire Dept.	19706	Wythe Co.	25	8/13/2008
York Co. Dept. of Fire and Life Safety	19900	York Co.	209	9/8/2008
Zion CrossRds VFD	10907	Louisa Co.	256	9/15/2008

* The survey number is the sequential number that reflects when the survey response was received. The total number of possible fire departments that can respond to the survey is 635.



Virginia Department of Fire Programs

2008 Needs Assessment Fire Department Participation By Locality

County/City	FDID	Fire Department	No Response	In Progress *	Complete
Accomack Co.	00100	Accomack Co. Dept. of Public Safety			✓
	00101	New Church Vol. Fire / Rescue			✓
	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			✓
	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 Rivanne VFD			✓
	00330	North Garden VFC			✓
	00340	Earlsville VFD			✓
	00350	Crozet Vol. Fire Dept.			✓
	00360	Stony Point VFD			✓
	00370	Scottsville VFD			✓
	00380	Seminole Trail VFD			✓
Alleghany Co.	00501	Boiling Springs VFD			✓
	00502	Dunlap Fire & Rescue		»	
	00503	Falling Spring Fire Department			✓
	00504	Iron Gate Vol. Fire Dept.			✓
	00505	Selma VFD			✓
	00506	Sharon Volunteer Fire Department			✓
	56000	Clifton Forge Fire Dept.			✓
Amelia Co.	00701	Amelia Co. VFD			✓
	00702	Mannboro VFD			✓
	00703	Jetersville VFD	X		
	00704	Mattoax VFD			✓
	00705	Paineville VFD	X		
Amherst Co.	00900	Amherst Co. Dept. 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 Administration			✓
	01502	Deerfield Valley Vol. Fire Dept.			✓
	01503	Middlebrook VFD	X		
	01504	Churchville Vol. Fire Dept.			✓
	01505	Weyers Cave Vol. Fire Dept.			✓
	01506	Verona Vol. Fire Dept.			✓
	01507	Stuarts Draft Vol. Fire Co.			✓
	01508	Craigsville Vol. Fire Dept.			✓
	01509	Dooms Vol. Fire Dept.			✓

2008 Needs Assessment Fire Department Participation By Locality

County/City	FDID	Fire Department	No Response	In Progress *	Complete
Augusta Co.	01510	Augusta Co. Fire Dept.			✓
	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.			✓
	01703	Millboro Vol. Fire Assoc.	X		
	01704	Mountain Grove VFD		»	
Bedford Co.	01900	Bedford Co. Dept. of Fire & Rescue			✓
	01901	Boonsboro Vol. Fire & Rescue, Inc.			✓
	01902	Forest Vol. Fire Dept.			✓
	01903	Hardy Vol. Fire Dept.			✓
	01904	Huddleston Vol. Fire Dept., Inc.			✓
	01905	Moneta Vol. Fire Dept.			✓
	01907	Montvale VFD			✓
	01908	Stewartsville-Chamblissburg Vol. Fire Dept.			✓
	01910	Big Island Vol. Fire Company, Inc.			✓
	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 Co. 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.			✓
Brunswick Co.	02306	Glen Wilton Vol. Fire Dept.			✓
	02501	Alberta Vol. Fire Dept.			✓
	02502	Brodnax Vol. Fire Dept.			✓
	02503	Dolphin VFD			✓
	02504	Ebony VFD			✓
	02505	Gasburg VFD			✓
	02506	Lawrenceville Vol. Fire Dept.			✓
Buchanan Co.	02507	Triplet Vol. Fire Dept.			✓
	02701	Grundy Vol. Fire Dept.			✓
	02702	Oakwood Vol. Fire Dept., Inc.			✓
	02703	Whitewood Vol. Fire Dept.			✓
	02704	Council Vol. Fire Dept.			✓
	02705	Big Rock Vol. Fire Dept.	X		
	02706	Knox Creek Vol. Fire Dept.			✓
	02707	Russell Prater Fire Dept.	X		
	02708	Slate Creek Vol. Fire Dept.			✓
	02709	Harman VFD	X		
Buckingham Co.	02710	Patterson Vol. Fire Dept.	X		
	02901	Arvon VFD			✓
	02902	Dillwyn Vol. Fire Dept.			✓
	02903	Glenmore Vol. Fire Dept.			✓
Campbell Co.	02904	Toga Vol. Fire Dept.			✓
	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.	X		
	03117	Evington Vol. Fire Dept.			✓

2008 Needs Assessment Fire Department Participation By Locality

County/City	FDID	Fire Department	No Response	In Progress *	Complete
Campbell Co.	03199	Campbell Co. Dept. of Public Safety			✓
Caroline Co.	03300	Caroline Co. Fire & Rescue			✓
	03301	Bowling Green Vol. Fire Dept.			✓
	03302	Ladysmith VFD			✓
	03303	Port Royal VFD	X		
	03304	Sparta VFD Co. 4			✓
	03305	Frog Level VFD			✓
Carroll Co.	03306	Upper Caroline VFD			✓
	03501	Cana Vol. Fire Dept.			✓
	03502	Hillsville Vol. Fire Dept.			✓
	03503	Laurel Fork Vol. Fire Dept.			✓
Charles City Co.	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.			✓
Chesterfield Co.	04100	Chesterfield Fire & EMS			✓
Clarke Co.	04300	Clarke Co. Emergency Services			✓
	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			✓
	04703	Richardsville VFD			✓
	04704	Salem Vol. Fire / Rescue			✓
	04705	Rapidan VFD			✓
	04706	Little Fork VFD & Rescue Co.			✓
	04707	Reva Vol. Fire & Rescue Dept.			✓
Cumberland Co.	04901	Cartersville Vol. Fire Dept.			✓
	04902	Cumberland VFD			✓
	04903	Randolph District Vol. Fire Dept.			✓
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. Office 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.	X		
	06107	Catlett Volunteer Fire & Rescue Company			✓
	06108	Goldvein Vol. Fire Dept.	X		
	06110	New Baltimore Vol. Fire & Rescue			✓
	06111	Orlean Vol. Fire Dept.	X		

2008 Needs Assessment Fire Department Participation By Locality

County/City	FDID	Fire Department	No Response	In Progress *	Complete
Fauquier Co.	06113	Lois VFD			✓
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			✓
	06501	Palmyra VFD			✓
	06502	Fork Union Fire Co.			✓
	06503	Kents Store Vol. Fire Company	X		
	06504	Lake Monticello Fire Dept. & Rescue Squad			✓
Franklin Co.	06700	Franklin Co. Emergency Services			✓
	06701	Boones Mill Vol. Fire Dept.	X		
	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.		»	
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.	X		
	06918	Greenwood Vol. Fire Dept.	X		
	06919	North Mountain Vol. Fire Dept.			✓
	06920	Reynolds Store VFD	X		
	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.	X		
	07160	Pembroke Vol. Fire Dept.	X		
	07170	Poplar Hill Vol. Fire Dept.			✓
	07180	Rich Creek Vol. Fire Dept.			✓
Gloucester Co.	07301	Abingdon Vol. Fire and Rescue, Inc.			✓
	07310	Gloucester Vol. Fire & Rescue			✓
Goochland Co.	07500	Goochland Co. Fire & Rescue Vol. Assoc., Inc.			✓
Grayson Co.	07701	Elk Creek VFD			✓
	07702	Fries Vol. Fire Dept.			✓
	07703	Independence Vol. Fire Dept.	X		
	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.			✓
	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.			✓
	08306	North Halifax Fire Dept.			✓
	08307	Oak Level Vol. Fire Dept.			✓
	08308	Scottsburg Vol. Fire Dept.			✓

2008 Needs Assessment Fire Department Participation By Locality

County/City	FDID	Fire Department	No Response	In Progress *	Complete
Halifax Co.	08309	Triangle Vol. Fire Dept.			✓
	08310	Turbeville Vol. Fire Dept.			✓
	08311	Virgilina Vol. Fire Dept.			✓
	78000	South Boston Fire & EMS			✓
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 Co. - 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.			✓
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.	X		
	09302	Carrsville Vol. Fire Dept.			✓
	09303	Smithfield Vol. Fire Dept., Inc.			✓
	09304	Windsor Vol. Fire Dept.			✓
	09305	Rushmere Vol. Fire Dept.			✓
	09390	Isle of Wight Co., Dept. Emerg. Svcs.			✓
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 Co. Dept. of Emerg. Svcs.			✓
King William Co.	10100	King William Co. Emergency Services			✓
	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 Vol. Fire Dept.	X		
	10308	Kilmarnock Vol. Fire Dept.			✓
Lee Co.	10501	Jonesville Vol. Fire Dept.			✓
	10502	Keokee VFD			✓
	10503	Pennington Gap Vol. Fire Dept.			✓
	10504	Thomas Walker VFD # 1			✓
	10505	Dryden VFD	X		
	10506	St. Charles Vol. Fire Dept.	X		
	10508	Thomas Walker Vol. Fire Dept. # 2			✓
	10509	Stickleyville VFD	X		
	10511	Blackwater VFD			✓
	10512	Jasper Volunteer Fire Department, Inc.			✓
Loudoun Co.	10700	Loudoun Co. Fire / Rescue & EMS			✓
	10701	Leesburg Vol. Fire Dept.			✓
	10702	Purcellville Vol. Fire Dept.			✓

2008 Needs Assessment Fire Department Participation By Locality

County/City	FDID	Fire Department	No Response	In Progress *	Complete
Loudoun Co.	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 Department			✓
	10710	Lucketts Vol. Fire Co., Inc.	X		
	10711	Sterling Volunteer Fire Department	X		
	10712	Lovettsville Vol. Fire / Rescue			✓
	10716	Neersville Vol. Fire / Rescue			✓
Louisa Co.	10900	Louisa Co. Office of Emerg. Svcs.			✓
	10901	Bumpass VFD			✓
	10902	Holly Grove VFD			✓
	10903	Locust Creek VFD			✓
	10904	Louisa Vol. Fire Dept.			✓
	10905	Mineral Vol. Fire Dept.			✓
	10906	Trevilians VFD			✓
	10907	Zion CrossRds VFD			✓
Lunenburg Co.	11101	Kenbridge Vol. Fire Dept.			✓
	11102	Meherrin Vol. Fire Dept.			✓
	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.			✓
	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	Lovingston 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. and Rescue Squad			✓
New Kent Co.	12700	New Kent Fire - Rescue			✓
	12701	Providence Forge Vol. Fire & Rescue, Inc.	X		
	12702	Quinton Volunteer Fire & EMS		»	
	12703	Weir Creek Emergency Services	X		
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.			✓

2008 Needs Assessment Fire Department Participation By Locality

County/City	FDID	Fire Department	No Response	In Progress *	Complete
Orange Co.	13700	Orange Co. Fire and EMS			✓
	13701	Barboursville VFD			✓
	13702	Gordonsville Vol. Fire Dept.			✓
	13703	Lake of the Woods VFD			✓
	13704	Mine Run VFD			✓
	13705	Orange Vol. Fire Dept.			✓
Page Co.	13900	Page Co. Fire & EMS			✓
	13901	Luray Vol. Fire Dept.			✓
	13902	Shenandoah Vol. Fire Co., Inc.			✓
	13903	Stanley Vol. Fire Dept.			✓
Patrick Co.	14100	Patrick Co. Dept. of Emerg. Mgmt.			✓
	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.			✓
	14108	Woolwine Vol. Fire Dept.			✓
	14109	Fairstone Vol. Fire Dept.			✓
	14110	Patrick Spring Vol. Fire Dept.			✓
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.	X		
	14311	Chatham Vol. Fire Dept.			✓
	14312	Gretna Vol. Fire Dept.	X		
	14313	Brosville Community Vol. Fire Dept.			✓
	14314	Cool Branch Vol. Fire Dept.	X		
	14315	Blairs Vol. Fire Dept.			✓
	14316	Callands Vol. Fire & Rescue Dept.			✓
	14317	Dry Fork Vol. Fire Dept.	X		
	14318	Cascade Vol. Fire Dept.			✓
	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.	X		
Prince George Co.	14900	Prince George Fire, EMS and Emerg. Mgmt.			✓
	14901	Prince George Vol. Fire Dept.			✓
	14902	Disputanta VFD	X		
	14903	Carson Vol. Fire Dept.	X		
	14904	Burrowsville VFD			✓
	14905	Jefferson Park Fire Dept.		»	
Prince William Co.	15301	Prince Wm. Co. Dept. of Fire / Rescue			✓
	15302	Occoquan-Woodbrige-Lorton Vol. Fire Dept.			✓
	15303	Dumfries-Triangle Vol. Fire Dept.			✓

2008 Needs Assessment Fire Department Participation By Locality

County/City	FDID	Fire Department	No Response	In Progress *	Complete
Prince William Co.	15304	Gainesville-District Vol. Fire Dept.			✓
	15305	Nokesville Vol. Fire Dept.			✓
	15306	Coles District Vol. Fire Dept. & Rescue			✓
	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 Services			✓
	15501	Draper Vol. Fire Dept.			✓
	15502	Dublin Vol. Fire Dept.			✓
	15503	Fairlawn Vol. Fire Dept.	X		
	15504	Hiwassee VFD	X		
	15505	Newbern VFD			✓
	15506	Pulaski Fire Dept.			✓
	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.			✓
	15706	Chester Gap Vol. Fire Dept.			✓
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.			✓
	16109	Fort Lewis Fire & EMS Company			✓
	16110	Mason Cove Fire Company	X		
	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			✓
	16305	Raphine Vol. Fire Company, Inc.			✓
	16306	Rockbridge Baths VFD			✓
	16307	South River District VFD			✓
	16308	Walkers Creek Vol. Fire Dept.			✓
	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.			✓
	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.			✓
	16520	Grottoes Vol. Fire Dept.			✓
	16544	Hose Company No. 4			✓
Russell Co.	16701	Cleveland Vol. Fire Dept.			✓
	16702	Dante Vol. Fire Dept.			✓
	16703	Honaker Vol. Fire Dept.			✓
	16704	Lebanon Vol. Fire Dept.			✓
	16705	Belfast-Rosedale Vol. Fire Dept.			✓

2008 Needs Assessment Fire Department Participation By Locality

County/City	FDID	Fire Department	No Response	In Progress *	Complete
Russell Co.	16706	Copper Creek-Moccasin Vol. Fire Dept.			✓
	16707	Castlewood Fire and Rescue			✓
Scott Co.	16901	Duffield Vol. Fire & Rescue			✓
	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.			✓
	16907	Fort Blackmore Vol. Fire Dept.			✓
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.	X		
	17115	Edinburg Vol. Fire Dept.			✓
	17118	Orkney Springs Fire & Rescue, Inc.	X		
	17121	Mt. Jackson Rescue and Fire Department, Inc.			✓
	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	X		
Southampton Co.	17501	Boykins VFD & Rescue Squad, Inc.			✓
	17502	Branchville Vol. Fire Dept.			✓
	17503	Capron Vol. Fire & First Aid Squad, Inc.			✓
	17504	Courtland Vol. Fire Dept.			✓
	17506	Ivor Vol. Fire Dept.			✓
	17507	Newsoms Vol. Fire Dept.			✓
	17508	Sedley Vol. Fire Dept.			✓
	17509	Drewryville Vol. Fire Dept.			✓
Spotsylvania Co.	17700	Spotsylvania Co. Fire Admin.			✓
	17701	Spotsylvania Vol. Fire Dept.			✓
	17705	Chancellor Volunteer Fire and Rescue			✓
Stafford Co.	17900	Stafford Co. Dept. of Fire / Rescue & Emerg. Svcs.			✓
	17901	Falmouth VFD			✓
	17902	Stafford Vol. Fire Dept.			✓
	17903	Widewater Vol. Fire Dept.	X		
	17904	Mountain View VFD			✓
	17905	Brooke VFD	X		
	17906	Hartwood VFD	X		
	17907	White Oak VFD	X		
	17908	Rockhill VFD	X		
	17910	Potomac Hills VFD			✓
Surry Co.	18101	Claremont Vol. Fire Dept.			✓
	18102	Dendron VFD			✓
	18103	Surry Vol. Fire Dept.			✓
Sussex Co.	18301	Jarratt Vol. Fire Dept.	X		
	18302	Stony Creek Vol. Fire Dept.			✓
	18303	Wakefield Vol. Fire Dept.			✓
	18304	Waverly Vol. Fire Dept.	X		
	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.			✓
	18506	Tazewell Co. Vol. Fire / Rescue			✓
	18507	Tazewell Town Fire Dept.			✓

2008 Needs Assessment Fire Department Participation By Locality

County/City	FDID	Fire Department	No Response	In Progress *	Complete
Tazewell Co.	18508	Baptist Valley Vol. Fire Dept.	X		
	18509	Bishop Vol. Fire Dept.			✓
	18510	Burkes Garden Vol. Fire Dept.	X		
	18511	Tannersville Vol. Fire Dept.			✓
	18512	Clearfolk Vol. Fire Dept.			✓
	18513	DAD Vol. Fire Dept.			✓
	18514	Cove Vol. Fire Dept.			✓
	18515	Bandy Vol. Fire Dept.			✓
	18516	Thompson Valley Vol. Fire Dept.			✓
Warren Co.	18700	Warren Co. Fire & Rescue Services			✓
	18701	Front Royal & Rescue Vol. Fire Dept.			✓
	18702	Rivermont Vol. Fire Dept.			✓
	18703	South Warren Vol. Fire Dept.			✓
	18704	Shenandoah Shores Fire Dept.	X		
	18705	Fortsmouth Vol. Fire Dept.	X		
	18706	Linden Vol. Fire Dept.			✓
	18707	North Warren Vol. Fire & Rescue			✓
Washington Co.	19103	Damascus Vol. Fire Dept.			✓
	19104	Glade Spring VFD			✓
	19105	Meadowview VFD			✓
	19107	Green Spring VFD	X		
	19108	Clinch Mountain Vol. Fire Dept.			✓
	19110	Washington Co. Fire and Rescue			✓
	19111	Goodson-Kinderhook VFD			✓
	19112	Brumley Gap VFD			✓
	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.	X		
	19570	Pound Vol. Fire Dept.			✓
	19580	Saint Paul Vol. Fire Dept.			✓
	19590	Wise Vol. Fire Dept.			✓
Wythe Co.	19701	Barren Springs Vol. Fire Dept.			✓
	19702	Ivanhoe Vol. Fire Dept.			✓
	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 Admin.			✓
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.			✓

2008 Needs Assessment Fire Department Participation By Locality

County/City	FDID	Fire Department	No Response	In Progress *	Complete
Hopewell	67000	Hopewell Bureau of Fire			✓
Lexington	67800	Lexington Fire Dept.			✓
Lynchburg	68000	Lynchburg Fire Department			✓
Manassas	68301	Manassas Vol. Fire Co.			✓
Manassas Park	68509	Manassas Park Fire Dept.			✓
Martinsville	69000	Martinsville Fire & EMS			✓
Newport News	70001	Newport News Fire Dept.			✓
Norfolk	71000	Norfolk Fire & Rescue			✓
Norton	72000	Norton Fire Dept.			✓
Petersburg	73000	Petersburg Fire, Rescue & Emerg. Svcs.			✓
Poquoson	73500	Poquoson Fire / Rescue Dept.			✓
Portsmouth	74000	Portsmouth Fire Department			✓
Radford	75000	Radford Fire Dept.			✓
Richmond	76000	Richmond Dept. Fire / Emergency Services			✓
Roanoke	77000	Roanoke Dept. of Fire - EMS			✓
Salem	77500	Salem Fire & EMS 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			✓

* "In Progress" participation with fire departments are departments that have logged onto the survey website, completed part of the survey, but have not finished and have not submitted their final response.

