Virginia Fire Service Needs Assessment:

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

Volume IX - January 2013

Preface

Background

At the request of the Virginia General Assembly (VGA), the Secretary of Public Safety directed the Virginia Department of Fire Programs (VDFP) to conduct a comprehensive needs assessment of Virginia's fire service in 2003. The intent of the needs assessment is 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 and laid the ground work to assist in the legislative decision-making process. This report, Volume IX, published in January, 2013 was produced from survey results collected from fire departments in 2012.

The 2012 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 2012 Fire Service Needs Assessment Survey team consisted of the following VDFP staff: **Dwight E. Crews, Information and Statistics Manager**, and **Renee Keeleong, Program Support Technician**.

Acknowledgements

The survey team gratefully acknowledges the contributions of the following management within the Virginia Department of Fire Programs (VDFP) for assistance with survey development and report assistance during the 2013 Fiscal Period.

- Willie G. Shelton, Jr., C.E.M., Executive Director
- Donald E. Hansen, Branch Chief - Training and 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, Program Chief - Curriculum, Quality Assurance, and IT Services
- Mark Buff, Marketing and Communications 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
- John Fugman, Division Chief - Division 2 Office - Orange
- Don Brown, Division Chief - Division 3 Office - Farmville
- Timothy Estes, Division Chief - Division 4 Office - Chilhowie
- Ken Muhleman, Division Chief - Division 5 Office - Hampton
- Dennis Price, Division Chief - Division 6 Office - Roanoke
- Melvin Byrne, Division Chief - Division 7 Office - Fairfax

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 2012 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

Executive Summary **1**

Top Needs 1
Current Funding 1
Additional Funding Needed 2
Apparatus 3
Equipment 3
Facilities 3
Personnel 4
Training 4
Communications 4

2012 Fire Service Needs Assessment Quick Facts 5

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 12

Other Data Sources 12

Limitations 13

Survey Response Rate 13
Organizational Structure of Virginia's Fire Service 13
VFIRS Response Rate 15

Local Use 15

Average 15

Chapter 2 - Survey Results 19

Survey Section I - General Department Information 19

Type of Area Protected 19
Department Population Protected 19
Department Coverage Area 21

Survey Section II - 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 III - Facilities & Apparatus 30

Age of Fire Stations 30
Fire Stations with Backup Power 30
Apparatus Currently Owned 31
Equipment Currently Owned 33
Shared Organizations 35

Survey Section IV - Operation Budget Information 36

Anticipated Funding 36
Funding Reduction 36
Grant Funding 37
Budget Funding 38

Survey Section V - Communications 40

Frequency Spectrum 40
Dispatch Operations 41
GPS Map Coordinate System 42
Mobile Data Terminals 43
Computers/Internet Access 44

Social Media 46

Survey Section VI - Fire Department Roles / Training 48

Personnel Designated 48
Minimum Level of Training 48

Training 49

NFPA Standards 49
Technical Rescue 52
Emergency Medical Services (EMS) 55

Survey Section VII - Fire Prevention & Code Enforcement 56

Programs / Activities 56
Fire Code Inspections 56
Fire Investigation 57

Survey Section VIII - Your Fire Department's Top Needs 59

Top Needs 59
Additional Funding 60
Apparatus Needed 61
Equipment Needed 61
Facilities Needed 64
Personnel Needed 64

Training Needed 66

NFPA Standards 66
Technical Rescue 66

Supplemental Table 1. Fire Department Personnel Data
Reported By Locality 69
Supplemental Table 2. Number of Apparatus Owned
Reported By Locality 73
Supplemental Table 3. Number of Equipment Owned
Reported By Locality 79
Supplemental Table 4. #1 Top Need / Total Additional Funding
Needed Reported By Locality 85
Supplemental Table 5. Number of Apparatus Needed
Reported By Locality 89
Supplemental Table 6. Number of Equipment Needed
Reported By Locality 95
Supplemental Table 7. Number of Personnel Needed
Reported By Locality 101

Chapter 3 - Reported Incidents **107**

Description 107
VFIRS Participation 107
Incident Types 107
Total Fire Dollar Loss 108
Civilian and Fire Service Casualties 108
Fires 109
Incident Trends 110
National Comparison 111

Supplemental Table 8. VFIRS Participation By Locality, Virginia, 2011 115
Supplemental Table 9. Incident Type Summary By Locality, Virginia, 2011 119
Supplemental Table 10. VFIRS Summary Data By Locality, Virginia, 2011 123
Supplemental Table 11. VFIRS Rate Summary By Locality, Virginia, 2011 127
Supplemental Table 12. VFIRS Incident Summary By Month By Locality, Virginia, 2011 131

Chapter 4 - Training **137**

Description of Schools 137
Type of Schools 137
Active Students 139
Personnel Type 140
Student Demographics 140
Education Level 141
Title 142

Supplemental Table 13. Number of Active Students By Personnel Type By Locality 145

Chapter 5 - Funding **151**

Introduction 151

Fire Programs Fund 151

Description of Fund 151
Aid to Localities (ATL) Program 151

Federal Funding Programs 156

Assistance to Firefighters Grant (AFG) Program 156

Assistance to Firefighters Fire Station Construction Grants (SCG) 157
Staffing for Adequate Fire and Emergency Response (SAFER) 157
Fire Prevention and Safety (FP&S) Grants 158
State Homeland Security Grants 158

Other State Funding Programs 159

Rescue Squad Assistance Fund 159
Fire Services Grant Program 159
VFIRS Hardware Technology Grants 159
Virginia Dry Hydrant Grant Program 159

Supplemental Table 14. Aid to Localities (ATL) Program Allocations
By Locality, FY 2009-2013 161

Appendix I - VDFP Division Areas 173
Appendix II - Survey Questionnaire 175
Appendix III - Survey Response By Locality 207
Appendix IV - Completed Surveys By Date Completed 211
Appendix V - Fire Department Participation By Locality 219
Appendix VI - Survey Non-Respondents By Locality 227

Index of Figures

Figure 1. Additional Funding Needed for FY2013 2
Figure 2. Fire Service Needs Assessment Sample By Fire Department, Virginia, 2012 10
Figure 3. Type of Area Department Has Primary Responsibility to Protect 19
Figure 4. Number of Permanent Residents Department Has Primary Responsibility to Protect 20
Figure 5. Number of Permanent Residents Department Has Primary Responsibility to Protect By VDFP Division 20
Figure 6. Number of Square Miles Department Has Primary Responsibility to Protect 21
Figure 7. Number of Square Miles Department Has Primary Responsibility to Protect By VDFP Division 22
Figure 8. Active Firefighters By Status 23
Figure 9. Civilian Personnel By Type 24
Figure 10. Does Your Department Have a Program to Maintain Basic Firefighter Fitness and Health as Required by NFPA 1500? 26
Figure 11. Does Your Fire Department Currently Have a Personnel Recruitment Program? 27
Figure 12. Does Your Fire Department Currently Have a Personnel Retention Program? 27
Figure 13. Promotion of the Recruitment of New Personnel with Department 28
Figure 14. Incentives or Rewards Offered to Members of Department 29
Figure 15. Age of Fire Stations 30
Figure 16. Is Your Facility Shared with Any Other Organizations? 35
Figure 17. Grant Funding Planned to Apply for FY2013 37
Figure 18. Fire Department Budget Funding 38
Figure 19. Communication By Radio with Other Agencies 40
Figure 20. What Radio Frequency Does Your Department Operate On? 41
Figure 21. Department / Agency Primary Responsible for Dispatch Operations 42
Figure 22. Apparatus Equipped with a GPS Map Coordinate System 43
Figure 23. Apparatus Equipped with a Mobile Data Terminal 44
Figure 24. Stations with a Computer for Incident Reporting 45
Figure 25. Does Your Department Have the Following Equipment Available For Use At Your Stations? 45
Figure 26. Departments with Internet Service 46
Figure 27. Department Use of Social Media 47
Figure 28. Personnel Designated and Responsible for Specific Duties 48
Figure 29. Does Your Department Have a Minimum Level of Training Required to be an Active Member? 49
Figure 30. Fire Department Reported Fire Fighters Trained (NFPA Standards) 51
Figure 31. Fire Department Reported Fire Fighters Trained with Technical Rescue 53
Figure 32. How Many of Your Stations Have Adequate Technical Rescue Equipment? 54
Figure 33. Fire Department Reported Fire Fighters Trained with EMS 55
Figure 34. Percent of Departments that Conduct Specific Programs or Activities 56

Figure 35. Percent of Organizations that Conduct Fire Code Inspections 57
Figure 36. Percent of Investigators Who Determines that a Fire Was Deliberately Set 58
Figure 37. Top Fire Service Needs By Ranking 60
Figure 38. Type of Apparatus Needed with Fire Departments 61
Figure 39. Type of Equipment Needed with Fire Departments 62
Figure 40. Facility Needs with Fire Departments 64
Figure 41. Type of Personnel Needed with Fire Departments 65
Figure 42. Incident Type Summary, Virginia, 2011 108
Figure 43. Fire Incidents By Incident Category, Virginia, 2011 109
Figure 44. Number of Incidents By Incident Type By Year, Virginia, 2007-2011 110
Figure 45. Incident Type Summary, Virginia / National Comparison, 2011 111
Figure 46. Type of Fire Service Schools, FY2012 138
Figure 47. Type of Fire Service Schools By Fiscal Year 139
Figure 48. Active Students By Status 140
Figure 49. Active Students By Age 141
Figure 50. Active Students By Education Level 142
Figure 51. Active Students By Title 143
Figure 52. Aid to Localities (ATL) Program Allocations, Virginia, FY 2002-2013 152
Figure 53. Aid to Localities (ATL) Program Allocations By Locality Type, Virginia, FY 2002-2013 155
Figure 54. FY 2012 Aid to Localities Categorical Spending Analysis Expenditures as Reported By Localities 156

Index of Tables

Table 1. Top Fire Service Needs 1
Table 2. Budget Funding Summary By Funding Source for FY2013 1
Table 3. Additional Funding Needed By Specific Need for FY2013 2
Table 4. Fire Service Needs Assessment Sample Population, Virginia, 2012 9
Table 5. Fire Service Needs Assessment Collection Schedule, Virginia, 2012 11
Table 6. Fire Service Needs Assessment Survey Response, Virginia, 2007-2012 12
Table 7. Fire Administration Departments By Survey Reporting 14
Table 8. Fire Department Personnel Data Reported By VDFP Division 25
Table 9. Total Number of Apparatus Owned By VDFP Division 32
Table 10. Average Number of Apparatus Owned By VDFP Division 32
Table 11. Total Number of Equipment Owned By VDFP Division 33
Table 12. Average Number of Equipment Owned By VDFP Division 34
Table 13. Total Funding Anticipated to Receive for FY2013 36
Table 14. Average Funding Anticipated to Receive for FY2013 36
Table 15. Total Amount of Anticipated Funding Reduced for FY2013 37
Table 16. Average Percent of Fire Department Budget Funding By VDFP Division 39
Table 17. Fire Department Reported Training Based on NFPA Standards 50
Table 18. Fire Department Reported Training with Technical Rescue 52
Table 19. Fire Department Reported Training with EMS 55
Table 20. Top Fire Service Needs Reported By VDFP Division 59
Table 21. Total Additional Funding Needed Reported By VDFP Division 60
Table 22. Number of Apparatus Needed Reported By VDFP Division 63
Table 23. Number of Equipment Needed Reported By VDFP Division 63
Table 24. Number of Personnel Needed Reported By VDFP Division 65
Table 25. Top Priority Training Needs Reported By Fire Department 66
Table 26. Top Priority Technical Rescue Training Needs Reported By Fire Department 67
Table 27. Incident Type Summary, Virginia, 2011 107
Table 28. Fire Dollar Loss Summary, Virginia, 2011 108
Table 29. Casualty Summary, Virginia, 2011 109
Table 30. Fire Incidents By Incident Category, Virginia, 2011 109
Table 31. Incident Type Summary, Virginia, 2007-2011 110
Table 32. Number of VFIRS Reported Incidents By VDFP Division, 2011 112
Table 33. Number of Fire Service Schools By Type, FY 2008-2012 138
Table 34. Number of Active Students 139
Table 35. Number of Active Students By VDFP Division 140
Table 36. Active Students By Race By Sex 141
Table 37. Aid to Localities (ATL) Program Allocations, Virginia, FY 2002-2013 151
Table 38. Aid to Localities (ATL) Program Allocation Summary, Virginia, FY 2013 152
Table 39. Aid to Localities (ATL) Program Allocations, Virginia Counties, FY 2002-2013 153

Table 40. Aid to Localities (ATL) Program Allocations, Virginia Towns, FY 2002-2013 153
Table 41. Aid to Localities (ATL) Program Allocations, Virginia Cities, FY 2002-2013 154
Table 42. Aid to Localities (ATL) Program Allocations By Locality Type, Virginia, FY 2002-2013 155
Table 43. Assistance to Firefighters Grant (AFG) Program Funding, Virginia, FFY 2001-2012 157
Table 44. Assistance to Firefighters Fire Station Construction Grants (SCG), Virginia, FFY 2009 157
Table 45. Staffing for Adequate Fire and Emergency Response (SAFER) Grant Funding, Virginia, FFY 2005-2012 158
Table 46. Fire Prevention and Safety (FP&S) Grant Funding, Virginia, FFY 2004-2011 158
Table 47. VFIRS Hardware Grants Awarded By Locality, FY 2013 159

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 for FY 2013 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.) The overall top needs for Virginia did not vary from last year's survey, displaying that the fire service needs remain the same and are unchanged.

Table 1. Top Fire Service Needs

Rank	Fire Service Need
#1 Top Need	Personnel
#2 Top Need	Training
#3 Top Need	Equipment
#4 Top Need	Apparatus
#5 Top Need	Facilities

Current Funding

Fire departments also completed information on their current operating budget for FY2013. The total funding that fire departments anticipated to receive for FY2013 was reported as **$1.0 billion**. (See Table 2.) The amount of their funding for FY2013 was reduced by **$42.9 million** from FY2012 to FY2013.

Table 2. Budget Funding Summary By Funding Source for FY2013

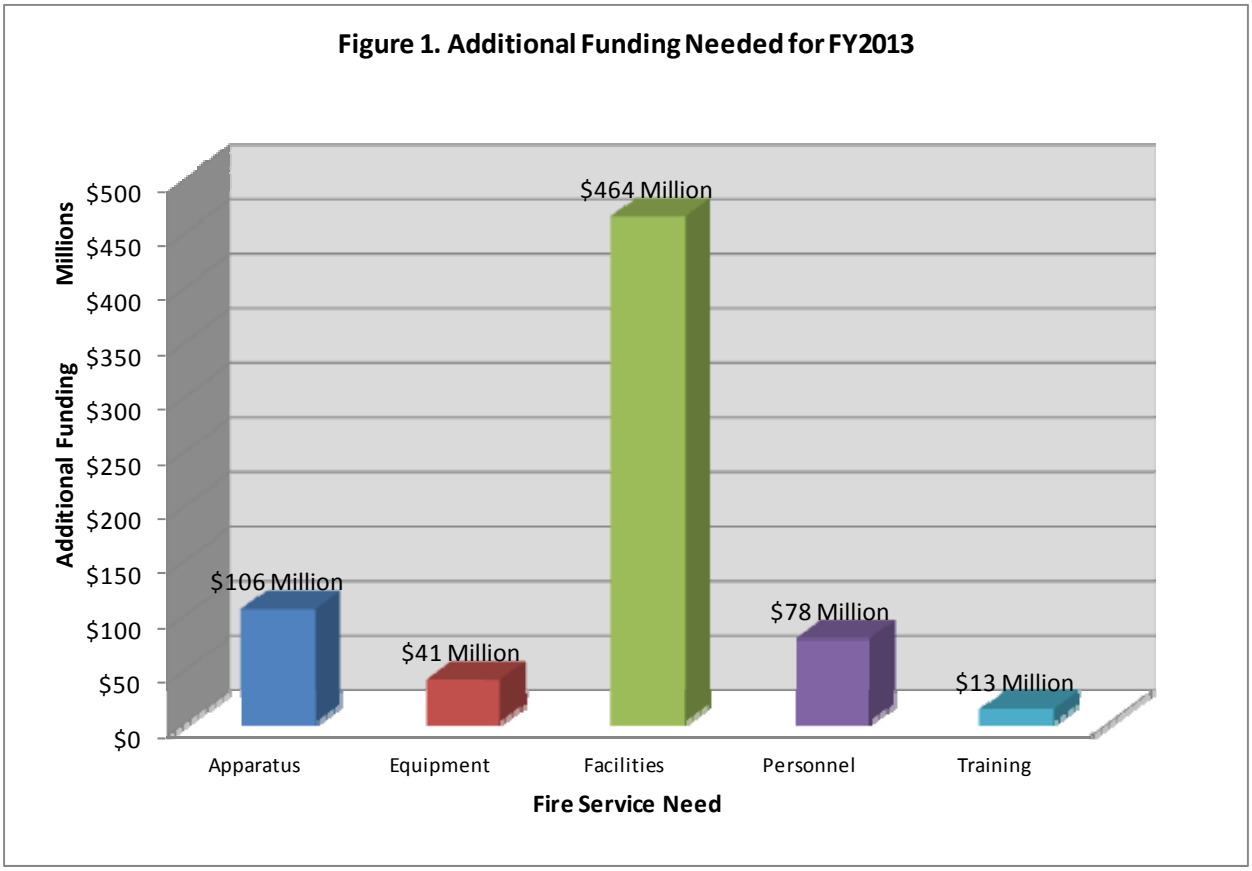
Funding Source	Funding Anticipated to Received for FY2013	Funding Amount Reduced for FY2013
Locality Funding	$954,063,518	$36,940,694
Fund Raising / Donations	$10,519,258	$338,399
Grant Funding	$72,125,955	$5,577,419
Grand Total	**$1,036,708,731**	**$42,856,512**

Additional Funding Needed

Reporting departments also provided their total estimated amount of additional funding needed for FY 2013 for the five specific fire service need categories. The results were compiled and the total of additional funding with Virginia's fire service is estimated as **$702 million**. (See Table 3.) The estimated costs reported with last year's survey were $524 million, suggesting that funding shortages continue to be present and are increasing within Virginia's fire service.

Table 3. Additional Funding Needed By Specific Need for FY2013

Fire Service Need	Additional Funding Needed for FY2013
Apparatus	$105,848,500
Equipment	$40,607,080
Facilities	$464,367,050
Personnel	$78,171,767
Training	$13,223,810
Grand Total	**$702,218,207**



Apparatus

Fire apparatus are becoming increasingly complex and expensive to purchase, maintain, repair, and replace. Fire departments reported owning an average of one (1) aerial apparatus, four (4) ambulances / other patient transport, one (1) command support unit, three (3) command vehicles (SUV), five (5) engines / pumpers, one (1) fire / rescue boat, one (1) hazardous materials (HAZMAT) vehicle, one (1) heavy technical rescue vehicle, two (2) logistical support apparatus, two (2) tankers, and two (2) wildland brush trucks.

The total reported estimated additional funding needed for FY 2013 with apparatus is **$106 million**. Thirty-eight percent (38%) of departments showed that they need an engine / pumper. Twenty-eight percent (28%) of respondents expressed the need for a wildland brush truck. In addition, one-fourth or 26 percent (25%) of fire departments reported a need for a command vehicle (SUV).

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 five (5) 4-gas monitors, seven (7) map coordinate GPS devices, ten (10) mobile data terminals, 31 personal alert safety systems (PASS), 102 sets of personal protective equipment (PPE), 63 radios w/ an emergency alert button, 17 radios w/o an emergency alert button, 44 self-contained breathing apparatus (SCBA) w/ integrated PASS, eight (8) self-contained breathing apparatus (SCBA) w/o integrated PASS, and four (4) thermal imaging cameras.

The total reported estimated additional funds needed for FY 2013 with equipment is **$41 million**. Fifty-five percent (55%) of departments requested a need for thermal imaging cameras. Fifty-three (53%) responded that personal protective equipment (PPE) was an equipment need. 4-Gas monitors were selected with 48 percent (48%) and map coordinate system were each selected as a need with 47 percent (47%) of departments.

Facilities

Departments reported that 71 percent (71%) of their fire stations are 30 years of age or older. Twenty-three percent (23%) of the stations have no backup power during an emergency. Forty-six percent (46%) of the departments responded that they needed improvements / remodeling to the existing stations. The total reported estimated additional funding needed for FY 2013 with facilities is **$464 million**.

Even though Facilities was not ranked as the top overall need in the state, departments in Division 3 - Farmville and Division 7 - Fairfax ranked Facilities as their #3 top need, suggesting that there is a greater need for facility improvements in the central and northern area of the state.

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-two percent (62%) of departments do not have a personnel recruitment program and 74 percent (74%) have no retention program for their staff. Sixty-five percent (65%) of fire service personnel are volunteer firefighters and 34 percent (34%) are paid career firefighters. Fire departments have on average 19 firefighters on duty and available to respond to a call.

The total reported estimated additional funding needed for FY 2013 with personnel is **$78 million**. Seventy percent (70%) of all departments responded that they need volunteer firefighters and 30 percent (30%) 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. Overall, fire departments responded that 68 percent (68%) of their personnel are trained in the area of Hazardous Materials (NFPA 472) - Awareness and 65 percent (65%) are trained in Fire Fighter (NFPA 1001) - Level I. Fire departments reported overall that 6,632 firefighters in Virginia, the largest amount, need Fire Fighter - Level II, 5,568 firefighters need Hazardous Materials - Operations and 5,516 personnel need Fire Apparatus Driver / Pump Operator training.

The total reported estimated additional funding needed for training costs for FY 2013 is **$13 million**. Fifty-seven percent (57%) of fire departments requested Fire Fighter - Level I training as their #1 top priority. Thirty-five percent (35%) of fire departments requested Introduction to Technical Rescue – Module I training as their #1 top priority with technical rescue.

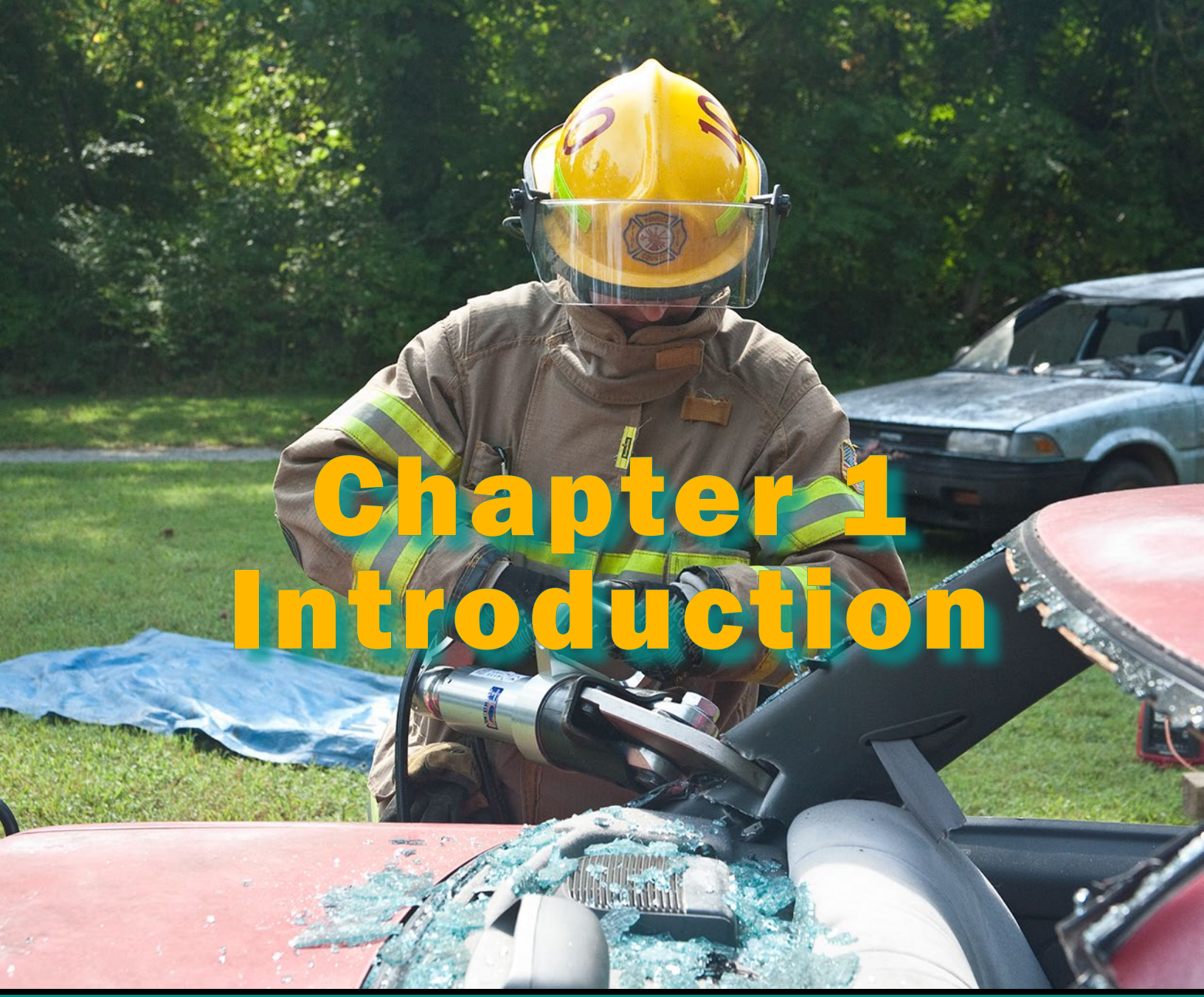
Communications

Ninety-nine percent (99%) of fire departments responded that they can communicate by radio with local agencies at an incident scene, while 47 percent (47%) could communicate with state agencies and 18 percent (18%) could communicate with federal agencies. The largest number of departments (59%) are operating on a frequency spectrum of high band (147 - 174 MHz).

Fifty-four percent (54%) of fire departments have no GPS map coordinate system to help navigate during emergency response. Eighty percent (80%) of respondents reported that none of their apparatus are equipped with mobile data terminals.

2012 Fire Service Needs Assessment Quick Facts

- The overall survey response for the Needs Assessment was **92%**.
- **Personnel** was the #1 Top Need reported by fire departments; **Training** was the second highest need.
- Overall, fire departments reported that their total estimated amount of additional funding needed for FY 2013 would be **$702 million**.
- **38%** of fire departments reported that they need an engine / pumper.
- For equipment, thermal imaging cameras (**55%**) is most needed by fire departments; personal protective equipment (PPE) (**53%**) is ranked second.
- **46%** of respondents reported that they need improvements or remodeling of their existing stations.
- **70%** of all fire departments responded that they need more volunteer firefighters; **30%** showed a need for paid firefighters.
- **57%** of departments reported that Fire Fighter - Level I training was their #1 top priority. **35%** responded that Introduction to Technical Rescue - Module I training with their #1 top priority with technical rescue.
- **53%** of fire departments funding comes from local government funding (not including ATL); **20%** from fundraising / donations.
- Fire departments anticipate to have their funding reduced by **$43 million** in FY 2013.
- **59%** of respondents plan to apply for a grant through the Assistance to Firefighters Grant (AFG) program.
- **86%** of stations with fire departments do not have adequate trench technical rescue equipment; **81%** do not adequate confined space equipment.



Chapter 1
Introduction

Virginia Fire Service Needs Assessment:

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

Volume IX - January 2013

Chapter 1 - Introduction

Survey Methodology

Sample

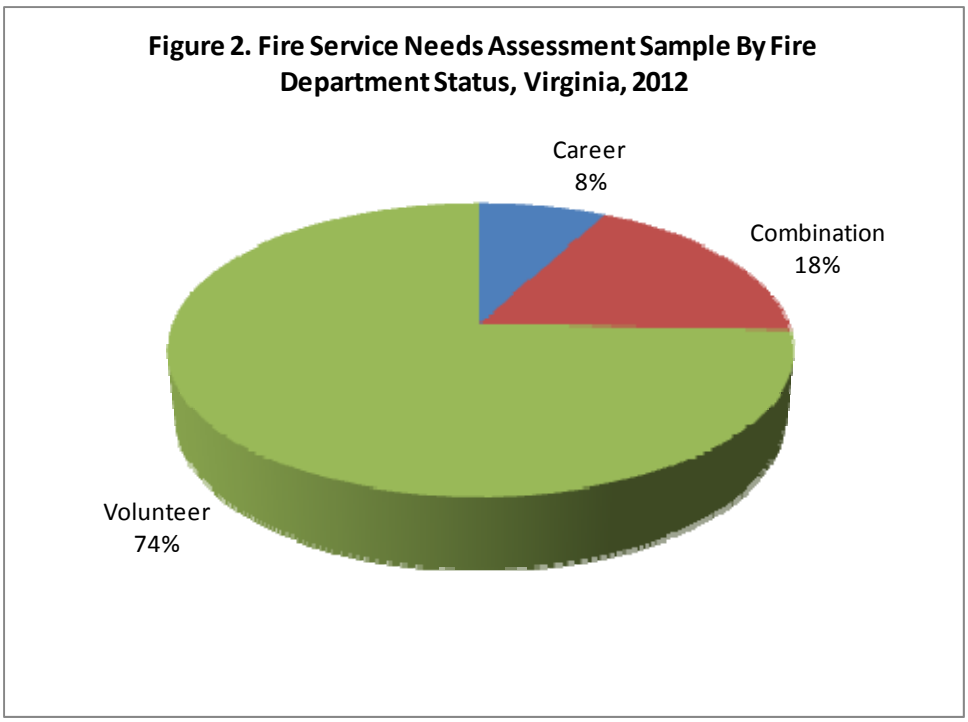
All municipal fire departments in Virginia that are eligible to receive Aid-to-Localities (ATL) Funding were selected for the survey and were invited to participate in the 2012 Fire Service Needs Assessment Survey. The sample population was based on the different needs of fire service at the career local 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 ATL funding from VDFP for their fire service activities.

A total of 384 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 (74%) were classified as Volunteer Departments, 18 percent (18%) were Combination Departments, and 8 percent (8%) were Career Departments. (See Table 4 and Figure 2.) 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 4. Fire Service Needs Assessment Sample Population, Virginia, 2012

Fire Department Type	Career	Combination	Volunteer	Grand Total
Primary Fire Department	17	40	282	339
Fire Administration Department	13	29	3	45
Grand Total	**30**	**69**	**285**	**384**

Prior to the startup of data collection for this survey, fire department contact information was updated based on contact information submitted with the 2011 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. Ninety-three (93%) 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.



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 2012 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 - Your Fire Department's Top Needs
Final Comments

The actual survey questions used can be found in Appendix II.

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 July 26, 2012. Fire departments with known email addresses were sent an email message inviting them to participate in the survey. All fire departments 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 4, 2012 to submit their completed responses.

On September 5, 2012, the Phase II collection period began and a second letter/email was sent to survey non-respondents. The Phase II collection deadline was October 9, 2012. The final collection period began on October 10, 2012 with a final deadline for responses on November 30, 2012.

Table 5. Fire Service Needs Assessment Collection Schedule, Virginia, 2012

Survey Schedule	Start Date	End Date
Phase I Collection Period	7/26/2012	9/4/2012
Phase II Collection Period	9/5/2012	10/9/2012
Final Collection Period	10/10/2012	11/30/2012

In addition, on November 1, 2012, an email was sent to localities (counties, cities) in Virginia that had non-responding fire departments. The email asked localities to encourage participation with their local fire departments. Each message also included a custom participation report for their locality showing the reporting status of each department and also their current overall survey response.

Reminder postcards and emails were sent out to non-respondents prior to each scheduled survey deadline reminding them to complete their response.

Thank you emails were sent out to responding fire departments after the closeout of survey collection. The message included their survey number (consecutive number assigned as surveys are received), the date in which the survey was completed and a link to view their survey response. The correspondence provided a confirmation to fire departments that we received their survey response.

Final Survey Response

The final overall survey response after the collection closeout on November 30, 2012 was 92 percent (92%). Response with the survey was similar to last year. (See Table 6.) Detailed survey participation reports are located in Appendix III, Appendix IV, and Appendix V.

Table 6. Fire Service Needs Assessment Survey Response, Virginia, 2007-2012

Year	Survey Response
2007	89%
2008	92%
2009	86%
2010	89%
2011	93%
2012	92%

Collaborative Effort

Survey response for the 2012 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), Assistance to Firefighters Fire Station Construction Grants (SCG), Staffing for Adequate Fire and Emergency Response (SAFER), and 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 93 percent (93%). 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

Because of the organizational structure of Virginia's fire service, the sample was updated in 2011 to remove any possible duplication from the data. Duplication occurred when fire administration departments reported for all departments in the locality and then the volunteer fire department responded as well. In 2011, fire administration departments were asked to report for all fire departments in their locality. They were not given an option to report for career staff only. Their survey would reflect both career and volunteer personnel. The volunteer fire departments in the locality were not included in the survey. The update to the sample helped to produce more reliable and accurate statistics in this report. Starting in 2012, fire administration departments were contacted and asked how they wanted to respond to the survey. They could report for all fire department in the locality or for career personnel only. The results were used in finalizing the sample.

Fire departments were all given a survey reporting description. The description with volunteer fire departments was their fire department name which designates to report for their fire department only. Fire administration departments were given a survey reporting description to report for all fire departments in their locality. (See Table 7.) Some fire departments were given custom reporting specific to their department.

Table 7. Fire Administration Departments By Survey Reporting

FDID	Fire Department	Survey Reporting
00100	Accomack Co. Dept. of Public Safety	All Fire Departments in Accomack County (Career and Volunteer)
00300	Albemarle Co. Fire & Rescue	All Fire Departments in Albemarle County (Career and Volunteer)
00700	Amelia Co. Dept. of Emerg. Mgmt.	All Fire Departments in Amelia County (Career and Volunteer)
00900	Amherst Co. Dept. of Public Safety	All Fire Departments in Amherst County (Career and Volunteer)
01500	Augusta Co. Fire & Rescue	All Fire Departments in Augusta County (Career and Volunteer)
01900	Bedford Co. Dept. of Fire & Rescue	All Fire Departments in Bedford County (Career and Volunteer)
02300	Botetourt Co. Emergency Services	All Fire Departments in Botetourt County (Career and Volunteer)
03199	Campbell Co. Dept. of Public Safety	All Fire Departments in Campbell County (Career and Volunteer)
03300	Caroline Co. Fire & Rescue	All Fire Departments in Caroline County (Career and Volunteer)
03500	Carroll Co. Fire & Rescue	Carroll Co. Fire & Rescue - Career Personnel Only
04300	Clarke Co. Emergency Services	All Fire Departments in Clarke County (Career and Volunteer)
05300	Dinwiddie Co. Fire & EMS	All Fire Departments in Dinwiddie County (Career and Volunteer)
05700	Essex County EMS	Essex County EMS - Career Personnel Only
06100	Fauquier Co. Office of Emerg. Srvcs.	Fauquier Co. Office of Emerg. Srvcs. - Career Personnel Only
06300	Floyd Co. Dept. of Emerg. Mgmt.	All Fire Departments in Floyd County (Career and Volunteer)
06500	Fluvanna Co. Vol. Fire Dept.	All Fire Departments in Fluvanna County, Except Lake Monticello Fire Dept. & Rescue Squad
06700	Franklin Co. Emergency Services	All Fire Departments in Franklin County (Career and Volunteer)
06900	Frederick Co. Fire & Rescue Dept.	All Fire Departments in Frederick County (Career and Volunteer)
08300	Halifax Co. Emergency Services	All Fire Departments in Halifax County, Except South Boston Fire & EMS
08500	Hanover Co. Fire & EMS	All Fire Departments in Hanover County (Career and Volunteer)
08900	Henry Co. Dept. of Public Safety	All Fire Departments in Henry County (Career and Volunteer)
09390	Isle of Wight Co. Dept. of Emerg. Srvcs.	All Fire Departments in Isle of Wight County (Career and Volunteer)
09700	King & Queen Co. Dept. of Emerg. Srvcs.	King & Queen Co. Dept. of Emerg. Srvcs. - Career Personnel Only
10100	King William Co. Emergency Services	All Fire Departments in King William County (Career and Volunteer)
10700	Loudoun Co. Fire, Rescue & Emerg. Mgmt.	All Fire Departments in Loudoun County (Career and Volunteer)
10900	Louisa Co. Dept. of Fire & Emerg. Srvcs.	All Fire Departments in Louisa County (Career and Volunteer)
12700	New Kent Fire - Rescue	All Fire Departments in New Kent County (Career and Volunteer)
13700	Orange Co. Fire & EMS	All Fire Departments in Orange County (Career and Volunteer)
13900	Page Co. Fire & EMS	All Fire Departments in Page County (Career and Volunteer)
14100	Patrick Co. Dept. of Emerg. Mgmt.	Patrick Co. Dept. of Emerg. Mgmt. - Career Personnel Only
14500	Powhatan Co. Fire Admin.	All Fire Departments in Powhatan County (Career and Volunteer)
14900	Prince George Fire, EMS & Emerg. Mgmt.	All Fire Departments in Prince George County (Career and Volunteer)
15300	Prince William Co. Dept. of Fire & Rescue	All Fire Departments in Prince William County (Career and Volunteer)
15500	Pulaski Co. Emergency Services	All Fire Departments in Pulaski County, Except Pulaski Fire Dept.
15900	Richmond Co. Dept. of Emerg. Srvcs.	Richmond Co. Dept. of Emerg. Srvcs. - Career Personnel Only
16100	Roanoke Co. Fire & Rescue	All Fire Departments in Roanoke County, Except Vinton Vol. Fire Dept.
16500	Rockingham Co. Dept. of Fire & Rescue	All Fire Departments in Rockingham County (Career and Volunteer)
17100	Shenandoah Co. Dept. of Fire & Rescue	All Fire Departments in Shenandoah County (Career and Volunteer)
17700	Spotsylvania Co. Fire, Rescue & Emerg. Mgmt.	All Fire Departments in Spotsylvania County (Career and Volunteer)
17900	Stafford Co. Fire & Rescue Dept.	All Fire Departments in Stafford County (Career and Volunteer)

Table 7. Fire Administration Departments By Survey Reporting (cont.)

FDID	Fire Department	Survey Reporting
18700	Warren Co. Fire & Rescue Services	All Fire Departments in Warren County (Career and Volunteer)
59500	Emporia Fire Admin.	All Fire Departments in Emporia City (Career and Volunteer)
62000	Franklin Fire & Rescue Dept.	All Fire Departments in Franklin City (Career and Volunteer)
68300	Manassas Fire & Rescue	Manassas Fire & Rescue - Career Personnel Only
80000	Suffolk Dept. of Fire & Rescue	All Fire Departments in Suffolk City (Career and Volunteer)

VFIRS Response Rate

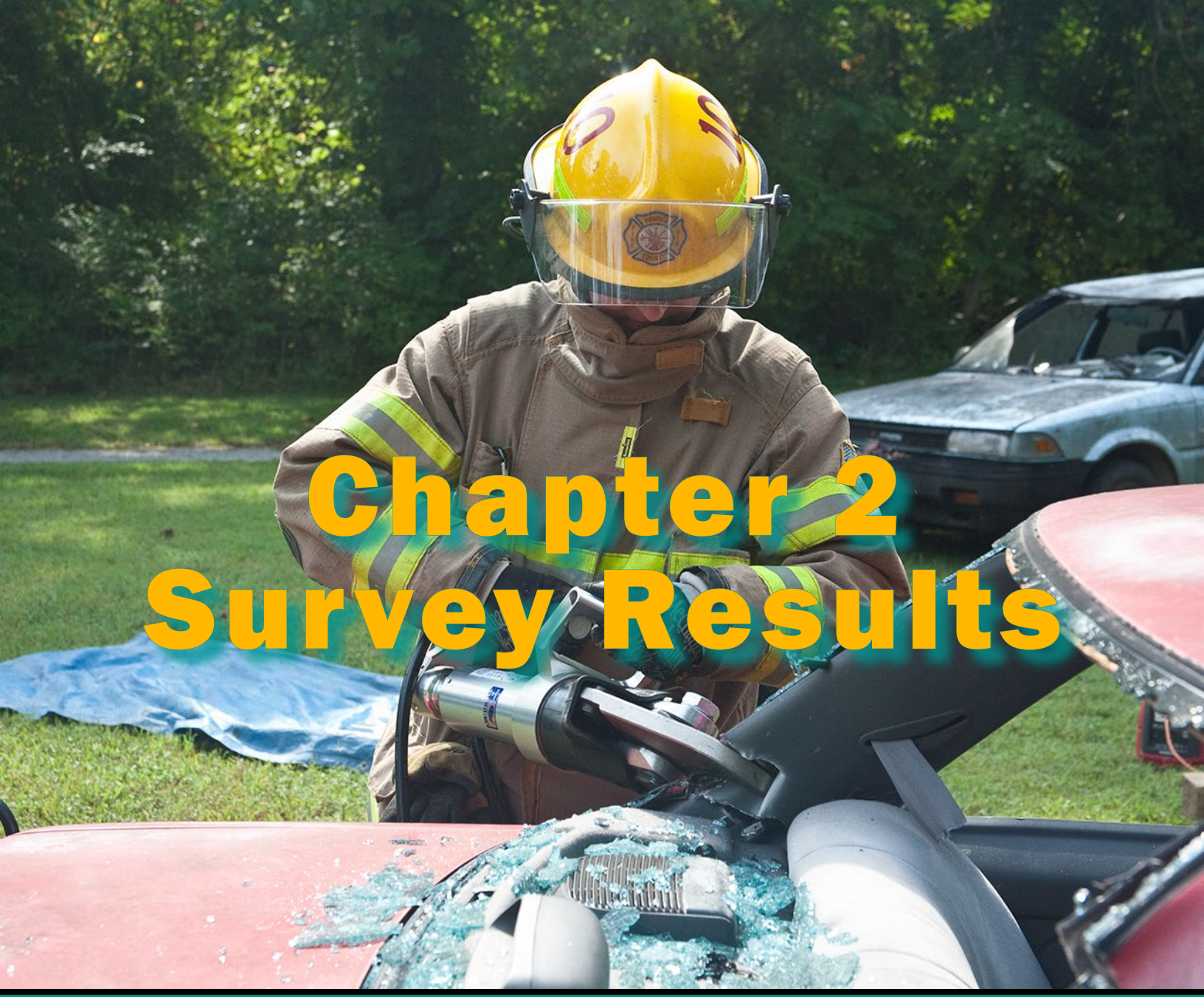
Participation in the Virginia Fire Incident Reporting System (VFIRS) is not mandatory, which somewhat limits the generalizability of this data.

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 the seven VDFP Division regions in Virginia. Please refer to the reference found in Appendix I for more information on the designated divisions.

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

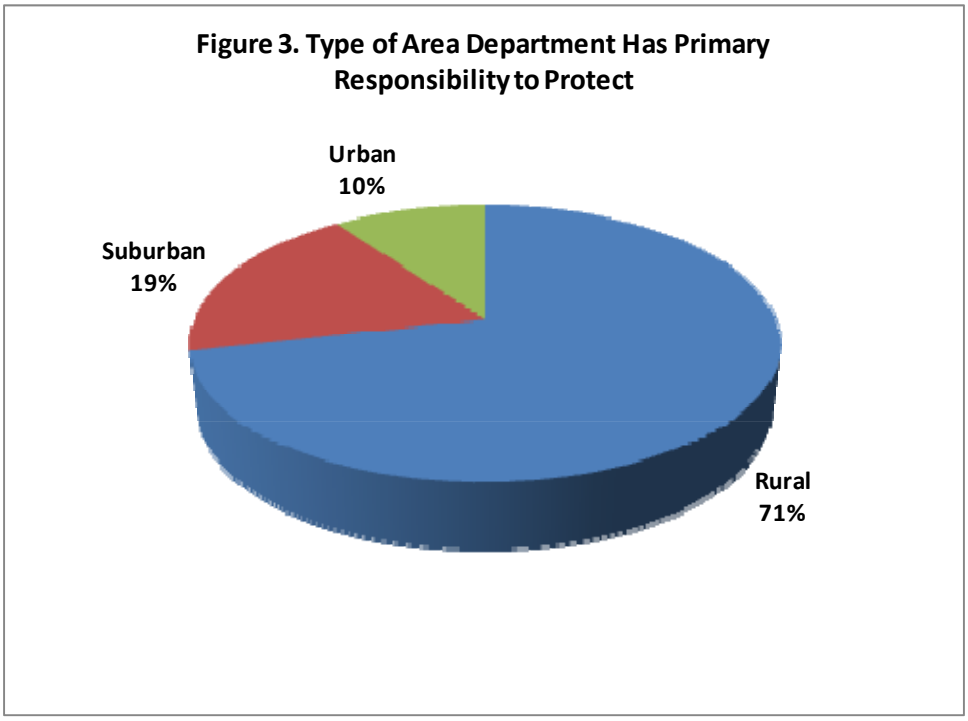
Volume IX - January 2013

Chapter 2 - Survey Results

Survey Section I - General Department Information

Type of Area Protected

Fire departments in Virginia reported that they are primarily responsible for protecting rural type areas (71%) in the Commonwealth. (See Figure 3.) The remaining fire departments protected areas that are located in more populated areas and are classified as suburban (19%) and urban (10%).



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 (81) of fire departments protect between 2,500 and 4,999 residents. (See Figure 4.) Sixty-eight percent (68%) of fire departments protect between 0 - 9,999 residents, the normal population range representative of small towns and county areas.

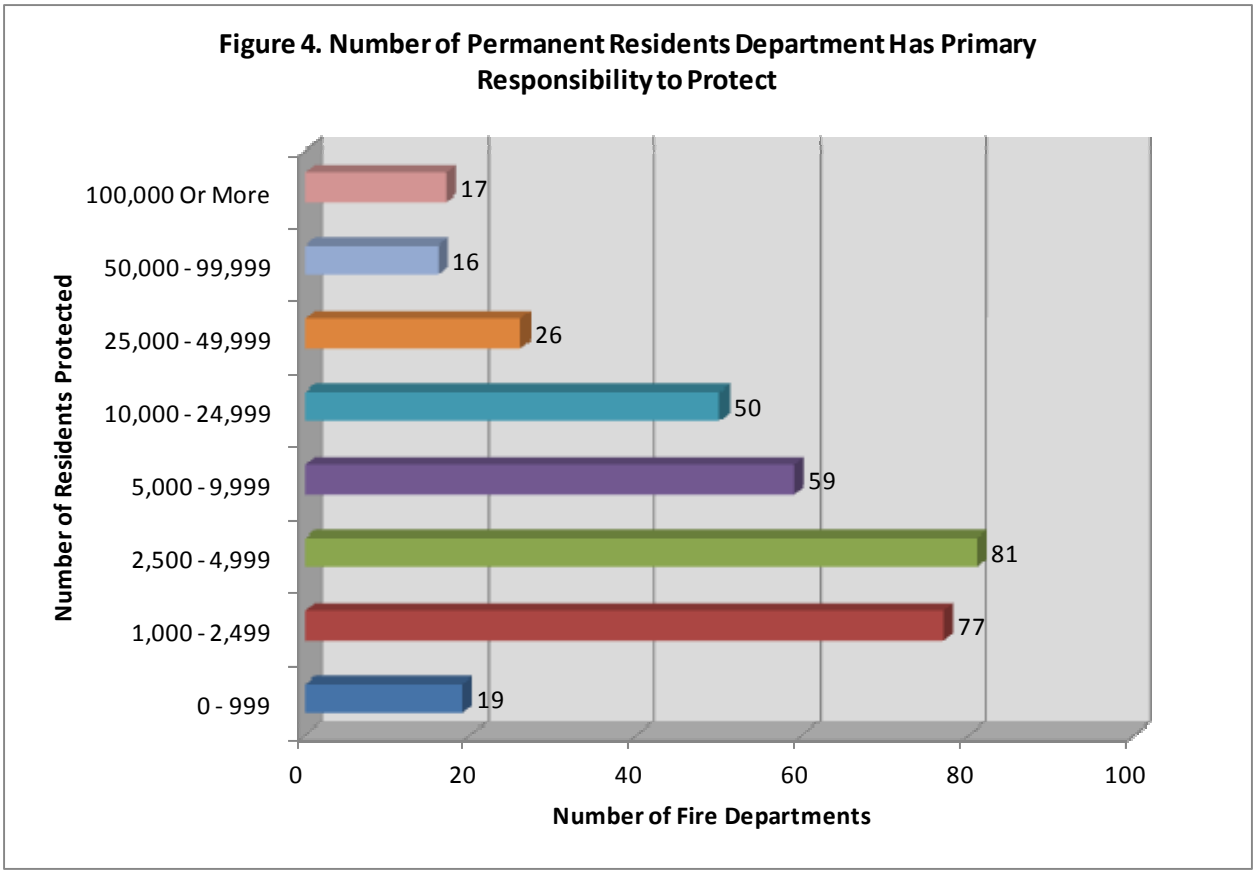


Figure 4. Number of Permanent Residents Department Has Primary Responsibility to Protect
Number of Residents Protected
100,000 Or More
50,000 - 99,999
25,000 - 49,999
10,000 - 24,999
5,000 - 9,999
2,500 - 4,999
1,000 - 2,499
0 - 999
17
16
26
50
59
81
77
19
0
20
40
60
80
100
Number of Fire Departments

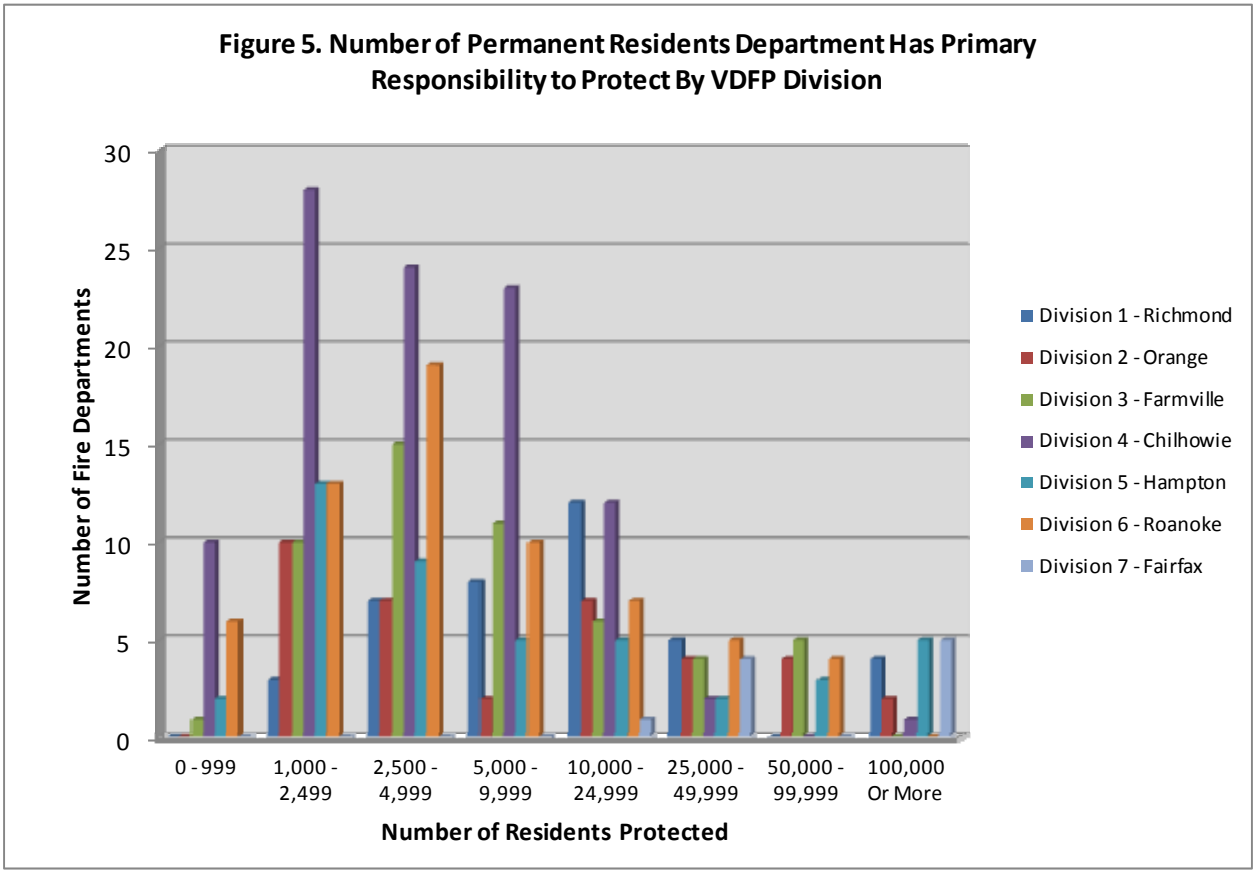
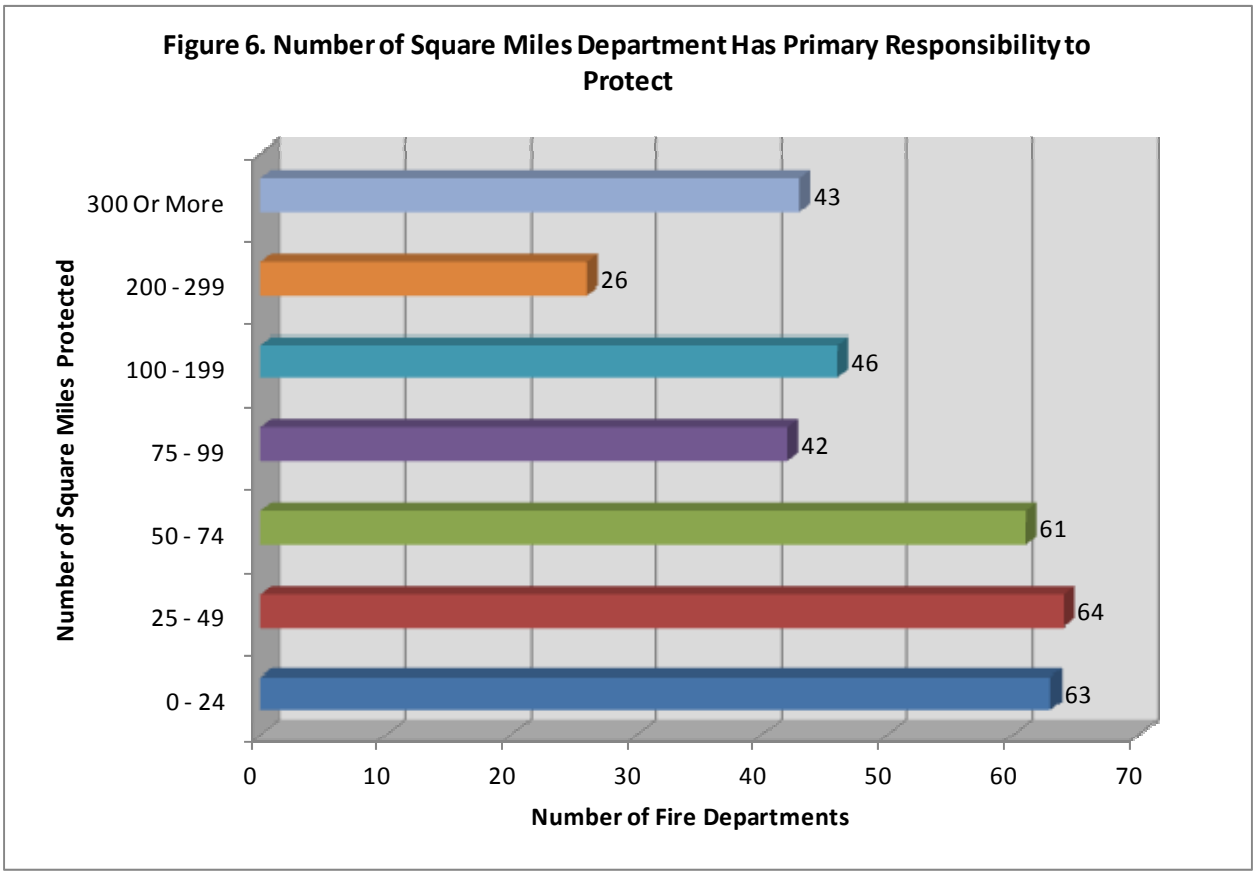


Figure 5. Number of Permanent Residents Department Has Primary Responsibility to Protect By VDFP Division
Number of Fire Departments
30
25
20
15
10
5
0
0 - 999
1,000 - 2,499
2,500 - 4,999
5,000 - 9,999
10,000 - 24,999
25,000 - 49,999
50,000 - 99,999
100,000 Or More
Number of Residents Protected
Division 1 - Richmond
Division 2 - Orange
Division 3 - Farmville
Division 4 - Chilhowie
Division 5 - Hampton
Division 6 - Roanoke
Division 7 - Fairfax

Fire departments in the Division 4 - Chilhowie area reported 75 percent (75%) of their departments protect populations between 1,000 and 9,999 residents. (See Figure 5.)

Department Coverage Area

Fire departments vary greatly on the number of square miles that they are expected to protect in Virginia. The largest amount of departments (64) cover areas between 25 and 49 square miles. (See Figure 6.)



Fire departments in the VDFP Division 4 - Chilhowie area reported the largest amount of departments protecting 25 - 49 square miles to coverage area. (See Figure 7.)

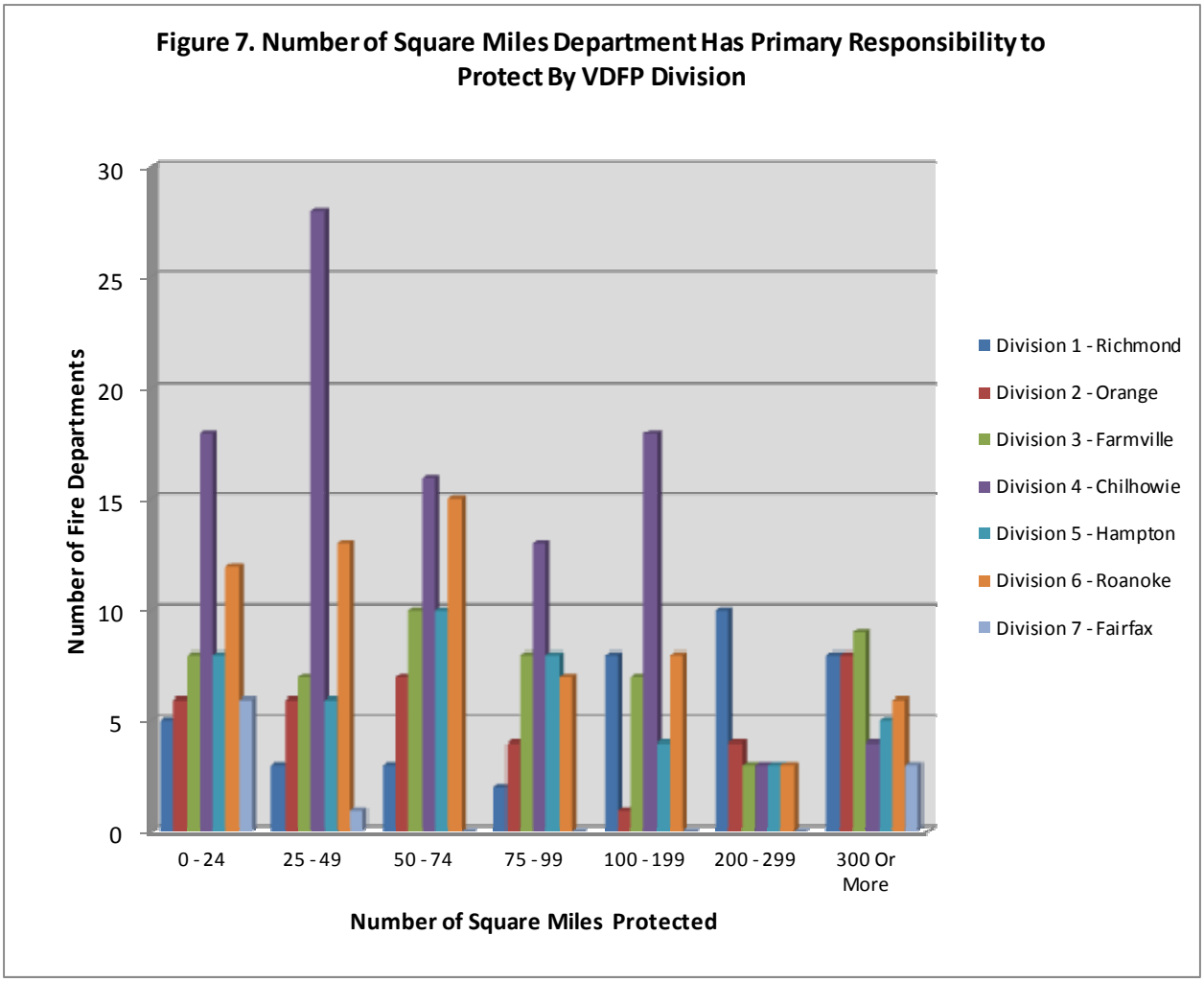


Figure 7. Number of Square Miles Department Has Primary Responsibility to Protect By VDFP Division
Number of Fire Departments
30
25
20
15
10
5
0
0 - 24
25 - 49
50 - 74
75 - 99
100 - 199
200 - 299
300 Or More
Number of Square Miles Protected
Division 1 - Richmond
Division 2 - Orange
Division 3 - Farmville
Division 4 - Chilhowie
Division 5 - Hampton
Division 6 - Roanoke
Division 7 - Fairfax

Survey Section II - Department Personnel

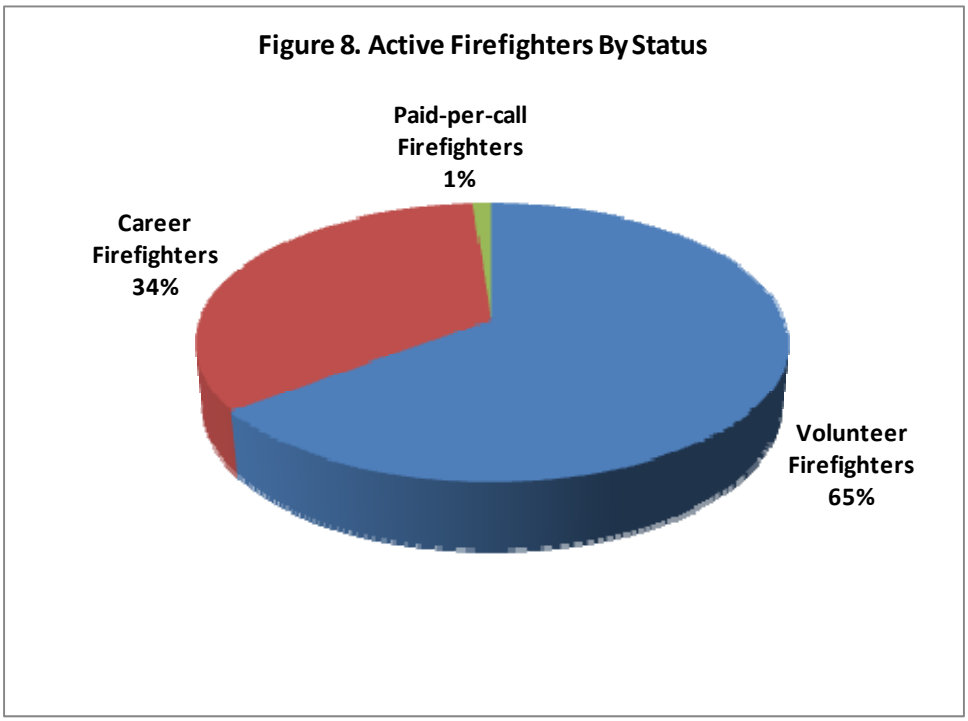
Fire departments require sufficient staffing in order to respond at anytime to different types of emergency situations.

Firefighters By Status

Fire departments are staffed by career firefighters (full-time paid), volunteer firefighters (receive no paid financial compensation for services), and paid-per-call firefighters. Sixty-five percent (65%) of all active firefighters were reported as being classified as volunteer firefighters. Career firefighters accounted for 34 percent (34%) of the active personnel, while paid-per-call firefighters made up the remaining 1 percent (1%). (See Figure 8.)

Average Firefighters on Duty

The state's overall average number of firefighters on duty and available to respond to a call is 19. (See Table 8.) For volunteer fire departments, the average number on duty is 14, while combination fire departments reported an average of 29 firefighters on duty and career fire departments reported an average amount of 38.



Civilian Personnel By Type

Volunteer civilian personnel accounted for 84 percent (84%) of the non-fire service workers, while 16 percent (16%) were paid civilian employees. (See Figure 9.) Civilian personnel are an important part of fire departments since they provide support for the many different required administrative duties as well as providing assistance in implementing fundraising activities.

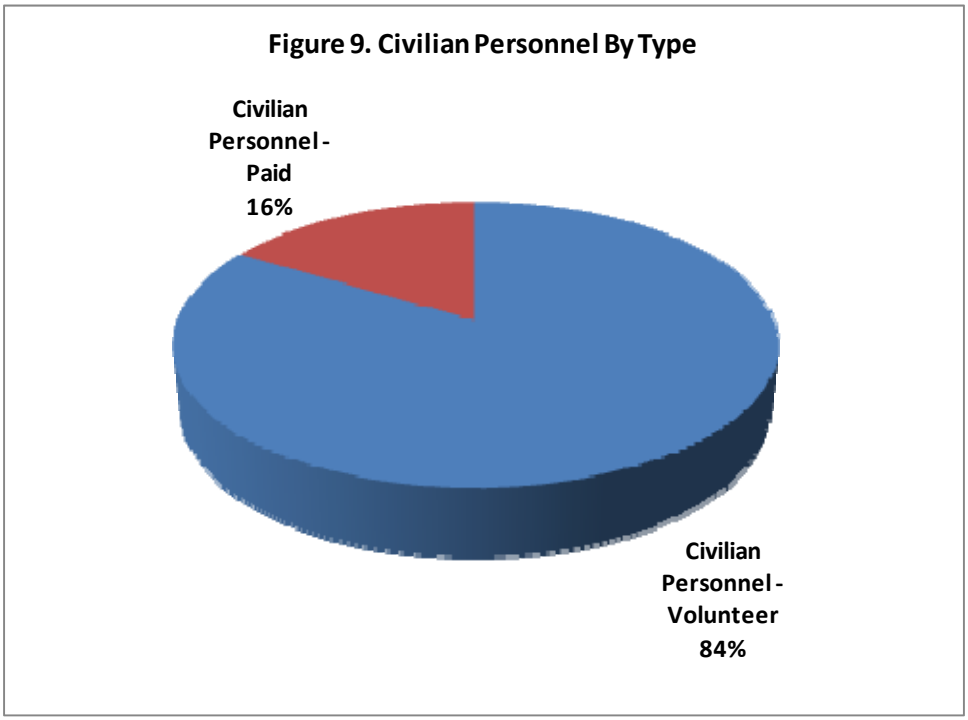


Table 8. Fire Department Personnel Data Reported By VDFP Division

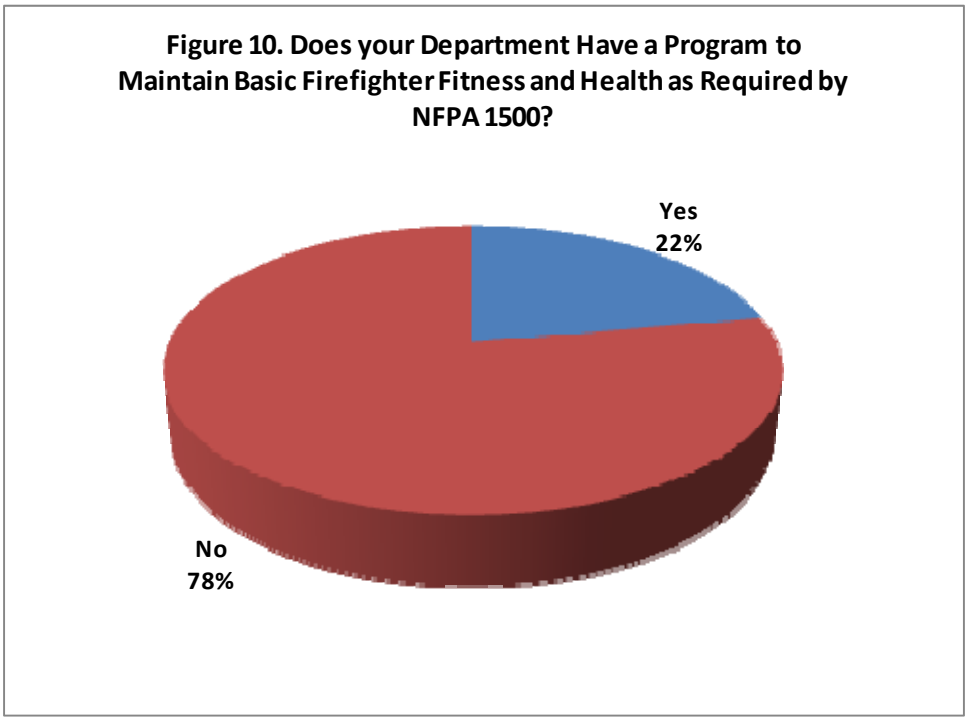
VDFP Division	Career Firefighters	Volunteer Firefighters	Paid-per-call Firefighters	Total Firefighters	Average Firefighters on Duty and Available	Civilian Personnel - Paid	Civilian Personnel - Volunteer	Total Civilian Personnel
Division 1 - Richmond	1,878	3,553	3	5,434	20.9	150	226	376
Division 2 - Orange	768	2,498	0	3,266	13.3	49	675	724
Division 3 - Farmville	563	2,623	54	3,240	23.2	27	812	839
Division 4 - Chilhowie	123	2,360	172	2,655	11.2	19	488	507
Division 5 - Hampton	2,748	2,344	84	5,176	25.2	184	1,196	1,380
Division 6 - Roanoke	724	2,710	3	3,437	16.1	50	658	708
Division 7 - Fairfax	2,924	2,316	0	5,240	75.3	395	397	792
Grand Total	**9,728**	**18,404**	**316**	**28,448**	**18.9**	**874**	**4,452**	**5,326**

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

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.

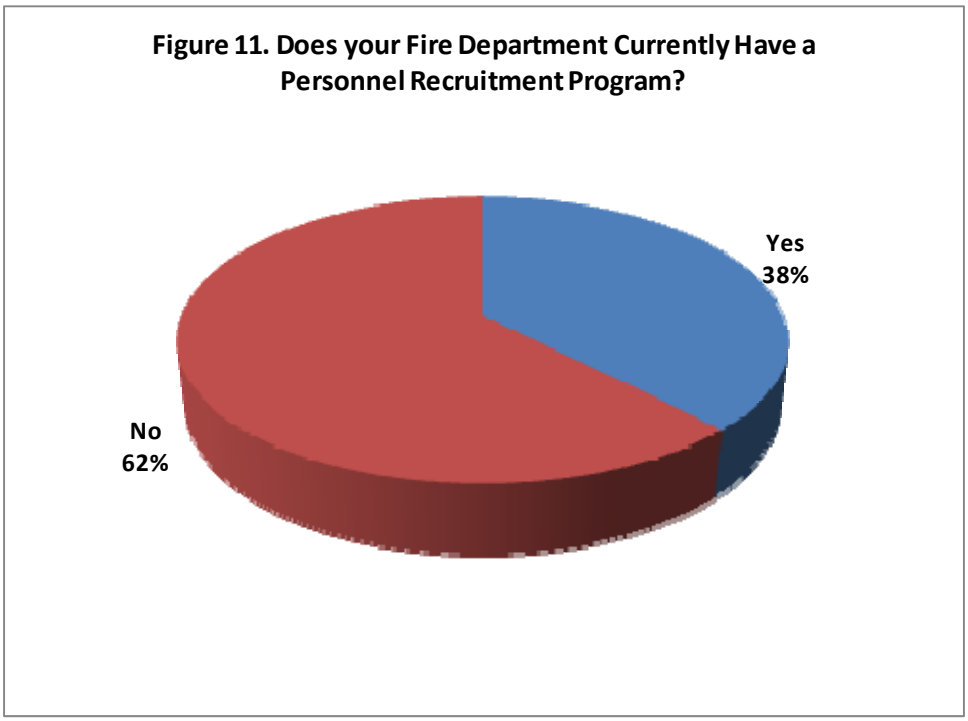
The data indicates that only 22 percent (22%) of reporting Virginia fire departments are maintaining a basic firefighter fitness and health program as required by NFPA 1500. (See Figure 10.) Virginia's figures are similar to national estimates, which indicate that only 24 percent of all fire departments nationwide have fitness and health programs.[1]

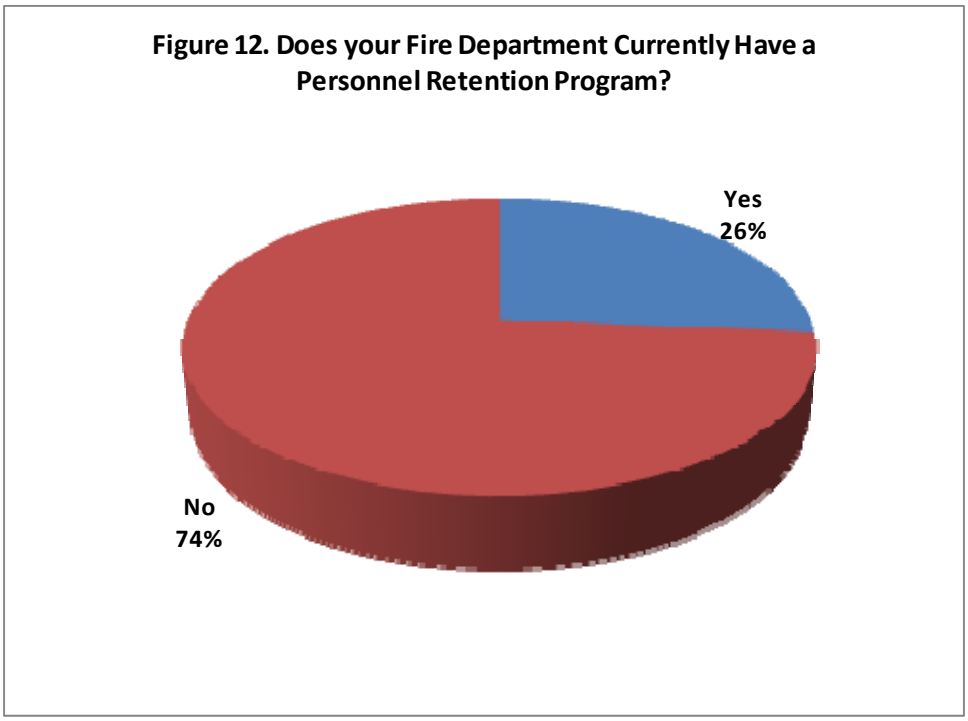


[1] USFA/NFPA (2006). *Four Years Later - A Second Needs Assessment of the U.S. Fire Service*, p.49.

Personnel Programs

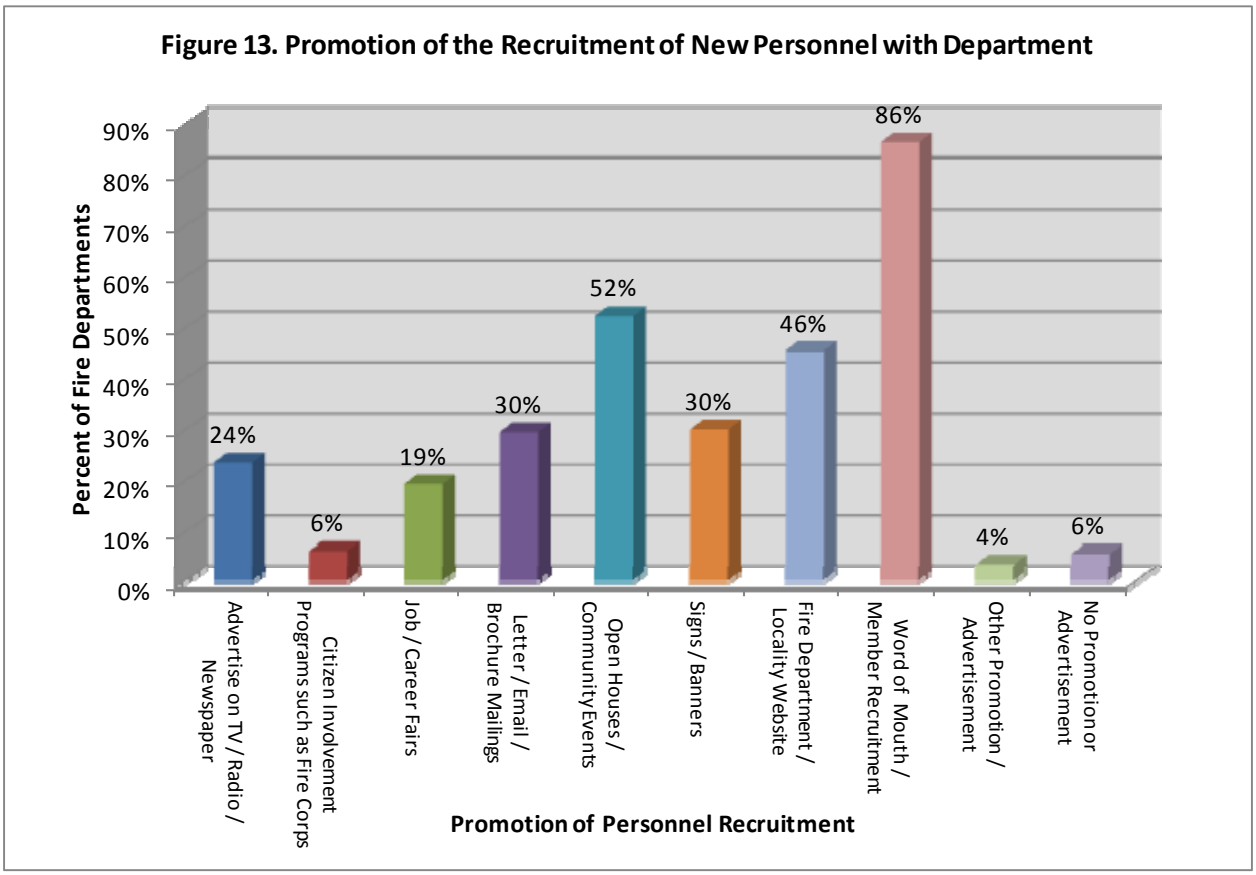
Managing the recruitment and retention of fire service staff is essential to the operation of a fire department and ensures an effective department response. Thirty-eight percent (38%) of fire departments responded on the survey that they currently have a recruitment program and only 26 percent (26%) of departments have a retention program, suggesting a need for more implementation of personnel programs. (See Figure 11. and 12.)





Fire departments constantly need to promote for the recruitment of new personnel for their organizations. Eighty-six percent (86%) of departments reported that they use word of mouth and member recruitment to advertise recruitment. (See Figure 13.)

To maintain current levels of personnel, fire departments offer incentives and rewards to their members. Sixty-five percent (65%) of fire departments provide department clothing such as shirts and hats, while 55% provide free county/city/town decals for their members. (See Figure 14.)



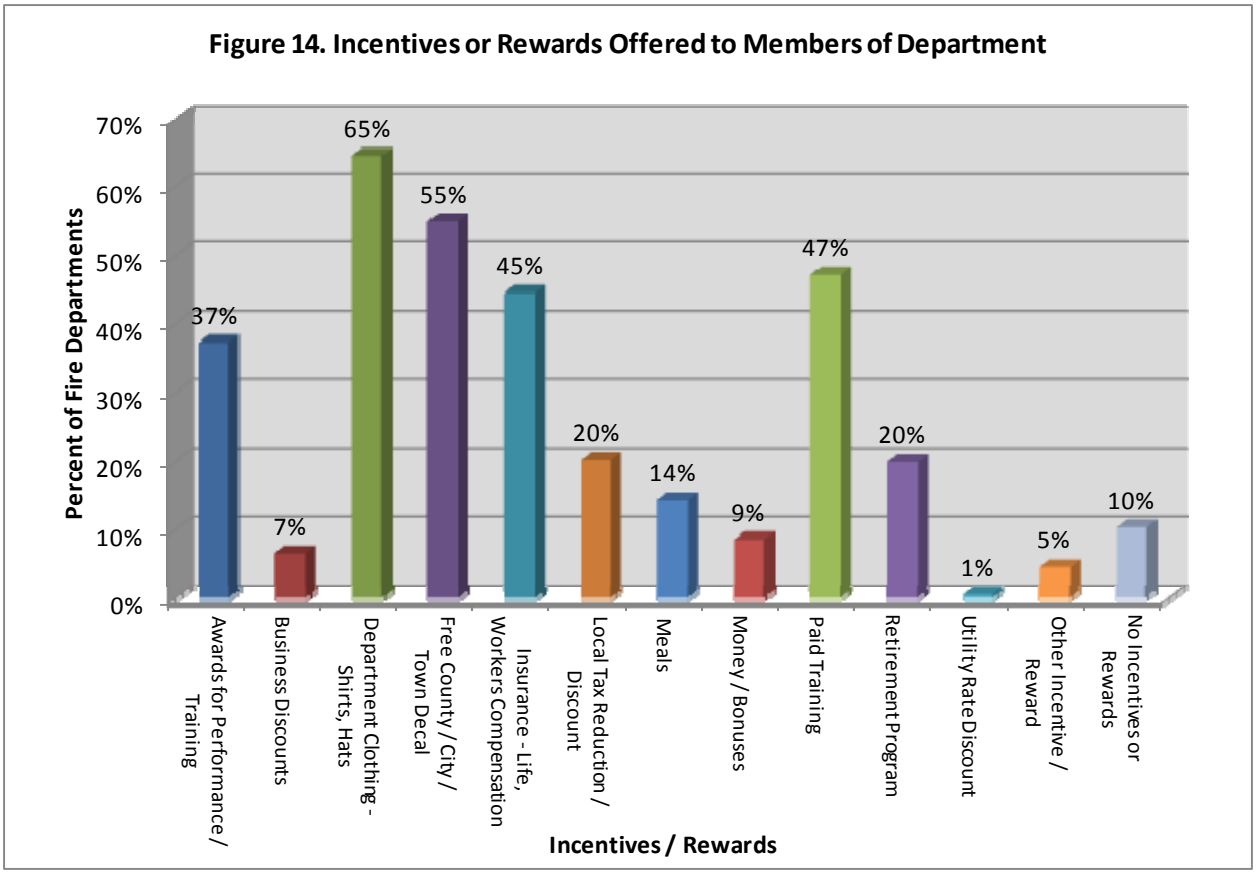


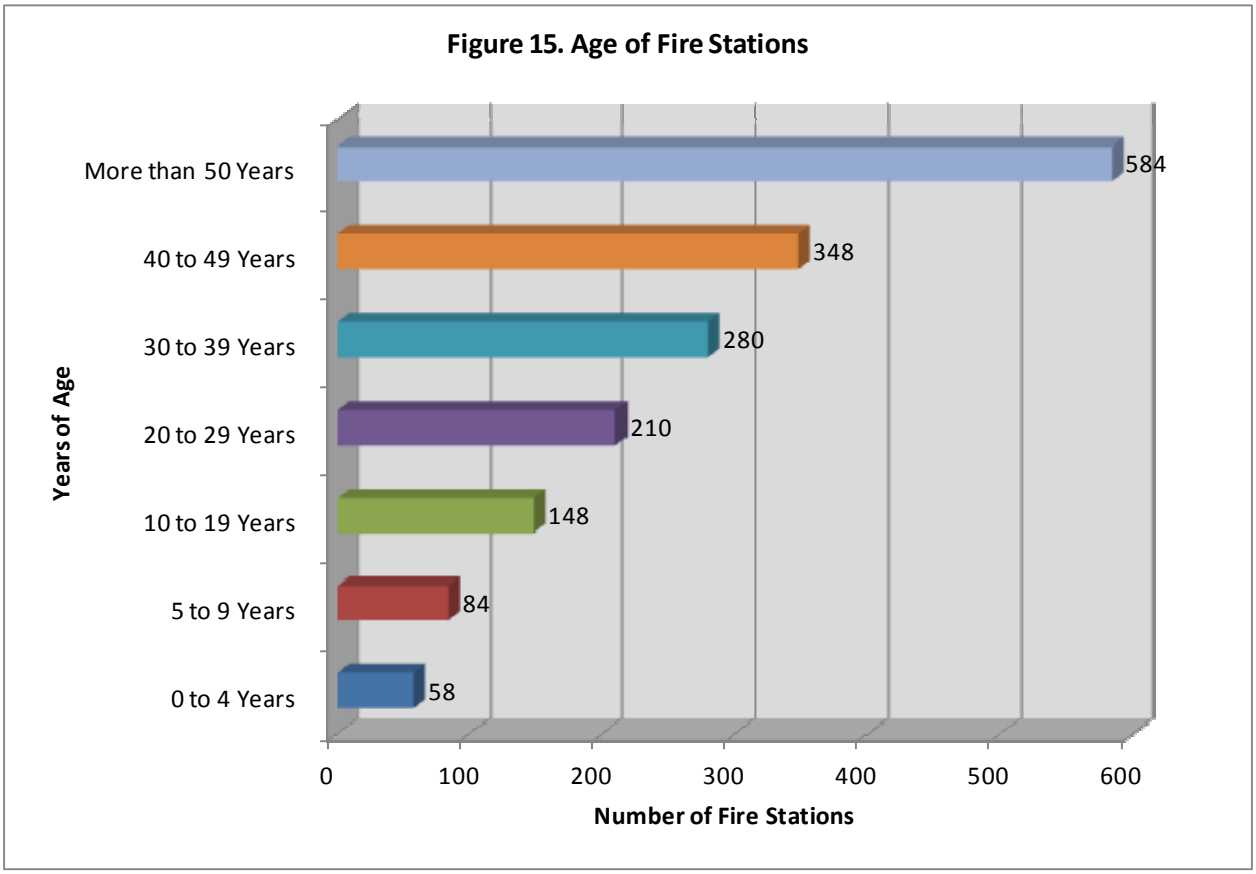
Figure 14. Incentives or Rewards Offered to Members of Department
Percent of Fire Departments
70%
60%
50%
40%
30%
20%
10%
0%
37%
7%
65%
55%
45%
20%
14%
9%
47%
20%
1%
5%
10%
Awards for Performance / Training
Business Discounts
Department Clothing - Shirts, Hats
Free County / City / Town Decal
Insurance - Life, Workers Compensation
Local Tax Reduction / Discount
Meals
Money / Bonuses
Paid Training
Retirement Program
Utility Rate Discount
Other Incentive / Reward
No Incentives or Rewards
Incentives / Rewards

Survey Section III - 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.

Age of Fire Stations

It is imperative that fire stations are maintained, especially for those with buildings that are older in age. Seventy-one (71%) of department fire stations are 30 years of age or older. (See Figure 15.)



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. Fire departments reported that 77 percent (77%) of their fire stations have backup power during an emergency. Twenty-three percent (23%) of their stations have no backup power available.

Apparatus Currently Owned

Engines / pumpers are the primary apparatus used by fire departments to respond to a situation. However, 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.

Fire departments reported owning an average of one (1) aerial apparatus, four (4) ambulances / other patient transport, one (1) command support unit, three (3) command vehicles (SUV), five (5) engines / pumpers, one (1) fire / rescue boat, one (1) hazardous materials (HAZMAT) vehicle, one (1) heavy technical rescue vehicle, two (2) logistical support apparatus, two (2) tankers, and two (2) wildland brush trucks. (See Table 10.)

Table 9. Total Number of Apparatus Owned By VDFP Division

VDFP Division	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Support Unit	Command Vehicle (SUV)	Engine / Pumper	Fire Bike	Fire / Rescue Boat	Hazardous Materials (HAZMAT) Vehicle	Heavy Technical Rescue Vehicle	Logistical Support Apparatus	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
Division 1 - Richmond	37	2	154	18	114	232	28	36	12	26	89	35	94	111	78
Division 2 - Orange	27	0	163	27	94	185	1	25	13	23	27	7	56	79	52
Division 3 - Farmville	21	0	83	23	89	222	6	9	15	30	19	4	96	92	47
Division 4 - Chilhowie	14	0	42	40	53	233	2	10	21	23	21	10	106	104	71
Division 5 - Hampton	45	4	151	26	64	283	18	36	18	33	61	18	52	75	120
Division 6 - Roanoke	20	1	112	25	73	219	0	11	13	9	15	13	101	104	58
Division 7 - Fairfax	48	0	180	9	130	170	15	25	8	28	86	4	28	28	22
Grand Total	**212**	**7**	**885**	**168**	**617**	**1,544**	**70**	**152**	**100**	**172**	**318**	**91**	**533**	**593**	**448**

Table 10. Average Number of Apparatus Owned By VDFP Division

VDFP Division	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Support Unit	Command Vehicle (SUV)	Engine / Pumper	Fire Bike	Fire / Rescue Boat	Hazardous Materials (HAZMAT) Vehicle	Heavy Technical Rescue Vehicle	Logistical Support Apparatus	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
Division 1 - Richmond	1.8	0.1	6.7	0.9	4.1	6.4	1.8	1.6	0.7	1.0	4.7	1.8	2.8	3.3	3.5
Division 2 - Orange	1.3	0.0	5.4	1.1	2.8	5.4	0.1	1.6	0.8	1.1	1.3	0.4	1.9	2.4	2.4
Division 3 - Farmville	0.9	0.0	3.6	0.8	2.6	4.3	0.4	0.5	0.6	1.4	0.9	0.2	2.1	1.9	1.4
Division 4 - Chilhowie	0.3	0.0	0.8	0.7	0.9	2.4	0.0	0.2	0.4	0.4	0.5	0.2	1.2	1.2	1.1
Division 5 - Hampton	1.7	0.2	5.2	0.9	2.1	6.4	0.7	1.3	0.7	1.1	2.3	0.7	1.4	1.9	5.2
Division 6 - Roanoke	0.6	0.0	2.7	0.6	1.7	3.5	0.0	0.3	0.4	0.3	0.5	0.4	1.8	1.8	1.6
Division 7 - Fairfax	4.8	0.0	20.0	1.3	13.0	17.0	2.1	3.1	1.0	3.1	8.6	0.6	4.0	4.7	3.7
Grand Total	**1.1**	**0.0**	**4.3**	**0.8**	**2.6**	**4.6**	**0.5**	**0.9**	**0.6**	**0.9**	**1.8**	**0.5**	**1.8**	**2.0**	**2.2**

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.

Departments responded that they currently own an average of five (5) 4-gas monitors, seven (7) map coordinate GPS devices, ten (10) mobile data terminals, 31 personal alert safety systems (PASS), 102 sets of personal protective equipment (PPE), 63 radios w/ an emergency alert button, 17 radios w/o an emergency alert button, 44 self-contained breathing apparatus (SCBA) w/ integrated PASS, eight (8) self-contained breathing apparatus (SCBA) w/o integrated PASS, and four (4) thermal imaging cameras. (See Table 12.)

Table 11. Total Number of Equipment Owned By VDFP Division *

VDFP Division	4-Gas Monitors	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Safety Systems (PASS)	Personal Protective Equipment (PPE)	Radios w/ Emergency Alert Button	Radios w/o Emergency Alert Button	Self-Contained Breathing Apparatus (SCBA) w/ Integrated PASS	Self-Contained Breathing Apparatus (SCBA) w/o Integrated PASS	Thermal Imaging Cameras	Other Equipment
Division 1 - Richmond	226	373	407	1,409	5,620	2,745	410	2,819	31	249	135
Division 2 - Orange	199	118	135	1,094	3,784	2,189	371	1,423	260	189	0
Division 3 - Farmville	150	125	40	786	2,715	1,391	1,259	1,470	255	162	1
Division 4 - Chilhowie	106	73	9	908	2,880	984	1,053	1,464	179	140	4
Division 5 - Hampton	162	322	418	1,637	4,907	4,072	483	2,501	151	234	1
Division 6 - Roanoke	126	150	116	996	3,710	1,459	974	1,691	140	152	14
Division 7 - Fairfax	383	666	887	1,267	9,853	4,831	0	3,091	620	254	0
Grand Total	**1,352**	**1,827**	**2,012**	**8,097**	**33,469**	**17,671**	**4,550**	**14,459**	**1,636**	**1,380**	**155**

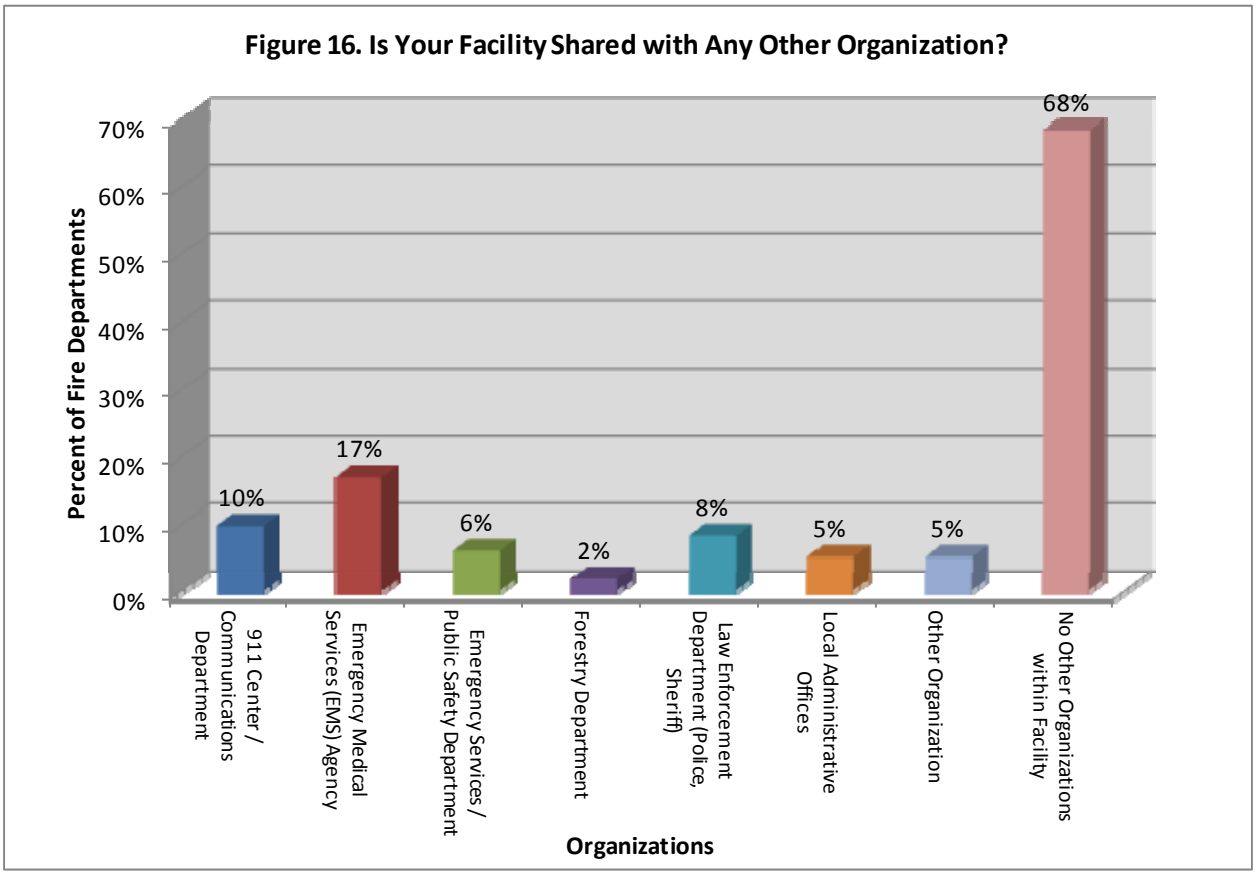
Table 12. Average Number of Equipment Owned By VDFP Division *

VDFP Division	4-Gas Monitors	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Safety Systems (PASS)	Personal Protective Equipment (PPE)	Radios w/ Emergency Alert Button	Radios w/o Emergency Alert Button	Self-Contained Breathing Apparatus (SCBA) w/ Integrated PASS	Self-Contained Breathing Apparatus (SCBA) w/o Integrated PASS	Thermal Imaging Cameras	Other Equipment
Division 1 - Richmond	7.1	13.3	15.7	56.4	147.9	88.5	15.8	78.3	1.6	7.1	27.0
Division 2 - Orange	5.5	3.6	5.9	42.1	108.1	60.8	18.6	40.7	13.7	5.7	0.0
Division 3 - Farmville	3.1	3.5	1.5	23.8	60.3	36.6	32.3	28.8	10.2	3.3	0.1
Division 4 - Chilhowie	1.5	1.1	0.2	11.5	30.3	13.1	12.5	15.9	3.1	1.6	0.2
Division 5 - Hampton	4.2	9.2	13.9	39.9	114.1	104.4	13.1	56.8	5.4	6.0	0.1
Division 6 - Roanoke	2.1	2.9	2.8	18.8	58.9	29.2	16.8	26.8	3.3	2.4	0.9
Division 7 - Fairfax	38.3	66.6	88.7	158.4	985.3	483.1	0.0	343.4	68.9	25.4	0.0
Grand Total	**4.5**	**7.1**	**9.7**	**30.6**	**101.7**	**63.3**	**16.8**	**43.8**	**8.2**	**4.4**	**2.2**

Additional reports on apparatus owned and equipment owned can be found under Supplemental Table 2 and Supplemental Table 3 at the end of this chapter.

Shared Organizations

Seventeen percent (17%) of fire departments share their facility with an emergency medical services (EMS) agency. (See Figure 16.) Sixty-eight percent (68%) of departments have no other organizations within their facility.



Survey Section IV - Operating Budget Information

Anticipated Funding

Fire departments can anticipate their future budgets based on amounts they expect to receive from their localities, from fund raising events and donations and from grant funding. Fire departments anticipate receiving a total of $1.0 billion for their budgets for FY2013; $954 million from their locality, $11 million from funding raising / donations and $72 million from grant sources. (See Table 13.) Fire service anticipates receiving on average a total of $3,005,649 for their budget funding. (See Table 14.)

Table 13. Total Funding Anticipated to Receive for FY2013

VDFP Division	Locality Funding	Fund Raising / Donations	Grant Funding	Grand Total
Division 1 - Richmond	$176,057,599	$802,000	$5,411,769	$182,271,368
Division 2 - Orange	$70,253,427	$4,966,942	$3,122,640	$78,343,009
Division 3 - Farmville	$37,948,601	$1,274,007	$2,512,607	$41,735,215
Division 4 - Chilhowie	$10,644,855	$885,652	$2,179,819	$13,710,326
Division 5 - Hampton	$209,700,641	$775,617	$3,256,081	$213,732,339
Division 6 - Roanoke	$51,935,104	$1,691,040	$1,370,510	$54,996,654
Division 7 - Fairfax	$397,523,291	$124,000	$54,272,529	$451,919,820
Grand Total	**$954,063,518**	**$10,519,258**	**$72,125,955**	**$1,036,708,731**

Table 14. Average Funding Anticipated to Receive for FY2013

VDFP Division	Locality Funding	Fund Raising / Donations	Grant Funding	Grand Total
Division 1 - Richmond	$4,514,297	$20,564	$138,763	$4,673,625
Division 2 - Orange	$1,951,484	$137,971	$86,740	$2,176,195
Division 3 - Farmville	$729,781	$24,500	$49,267	$803,548
Division 4 - Chilhowie	$106,449	$8,857	$21,798	$137,103
Division 5 - Hampton	$4,765,924	$18,038	$74,002	$4,857,963
Division 6 - Roanoke	$811,486	$26,423	$21,414	$859,323
Division 7 - Fairfax	$39,752,329	$12,400	$5,427,253	$45,191,982
Grand Total	**$2,765,402**	**$30,579**	**$209,668**	**$3,005,649**

Funding Reduction

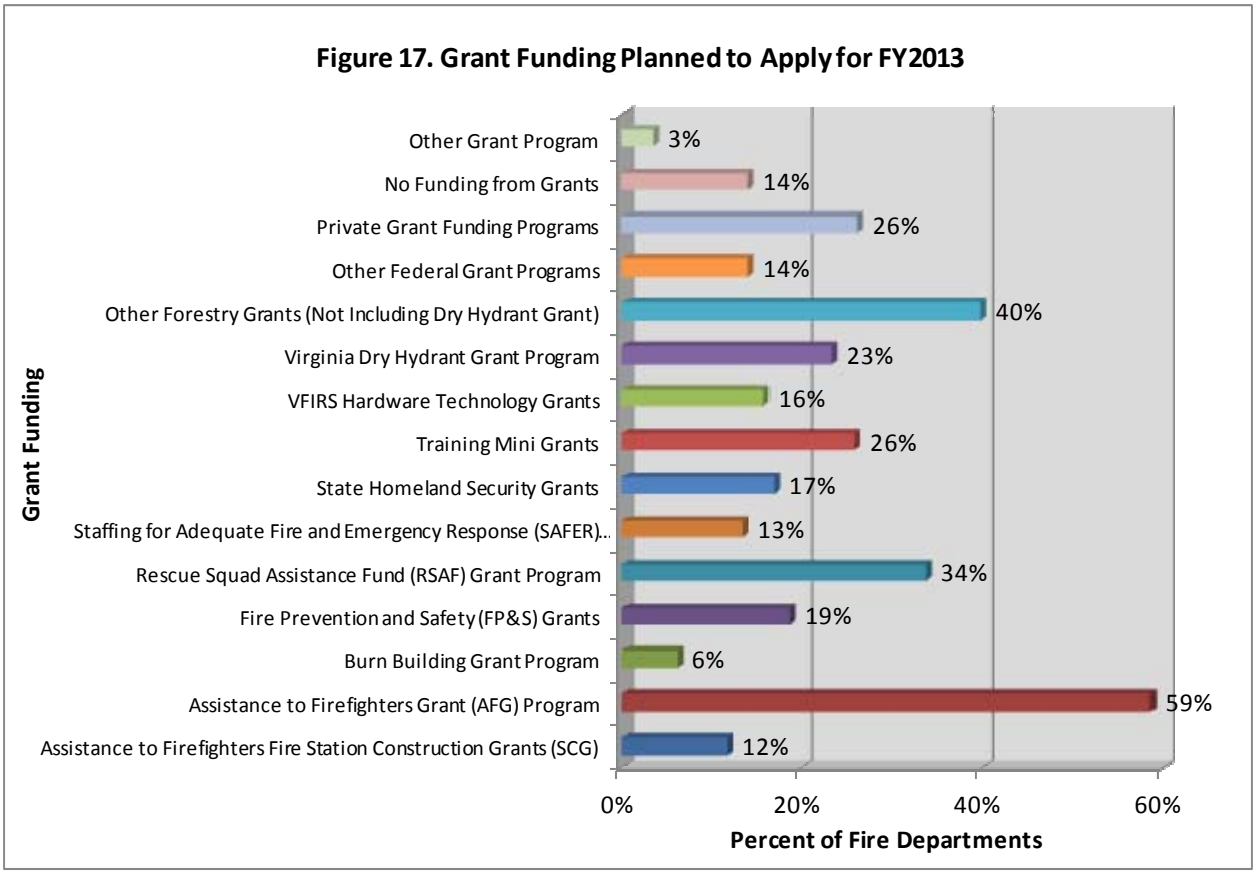
Fire departments also reported that they will have a reduction of funding for FY2013 that totals $43 million. (See Table 15.) The anticipated reduction with locality funding was reported as $37 million. Fire service also expect a reduction of funding with fund raising / donations ($338,399) and with grant funding ($5,577,419).

Table 15. Total Amount of Anticipated Funding Reduced for FY2013

VDFP Division	Locality Funding	Fund Raising / Donations	Grant Funding	Grand Total
Division 1 - Richmond	$4,028,789	$64,000	$3,897,000	$7,989,789
Division 2 - Orange	$1,072,567	$64,000	$1,006,246	$2,142,813
Division 3 - Farmville	$74,002	$28,000	$8,500	$110,502
Division 4 - Chilhowie	$130,500	$46,500	$179,433	$356,433
Division 5 - Hampton	$6,557,174	$62,899	$80,240	$6,700,313
Division 6 - Roanoke	$412,000	$73,000	$406,000	$891,000
Division 7 - Fairfax	$24,665,662	$0	$0	$24,665,662
Grand Total	**$36,940,694**	**$338,399**	**$5,577,419**	**$42,856,512**

Grant Funding

To help offset their upcoming budget, fire departments can apply for additional funding through grant funding programs. Fifty-nine percent (59%) of departments responded that they plan to apply for a grant with the Assistance to Firefighters Grant (AFG) Program. (See Figure 17.)



Please see Chapter 5 for more information on grant funding awarded to fire departments.

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.

The largest part of the funding sources for fire departments is from local government funding (not including ATL) which accounted for an average of 53 percent (53%) of department's budgets. (See Figure 18.) Fundraising generated on average 20 percent (20%) of the income for fire departments.

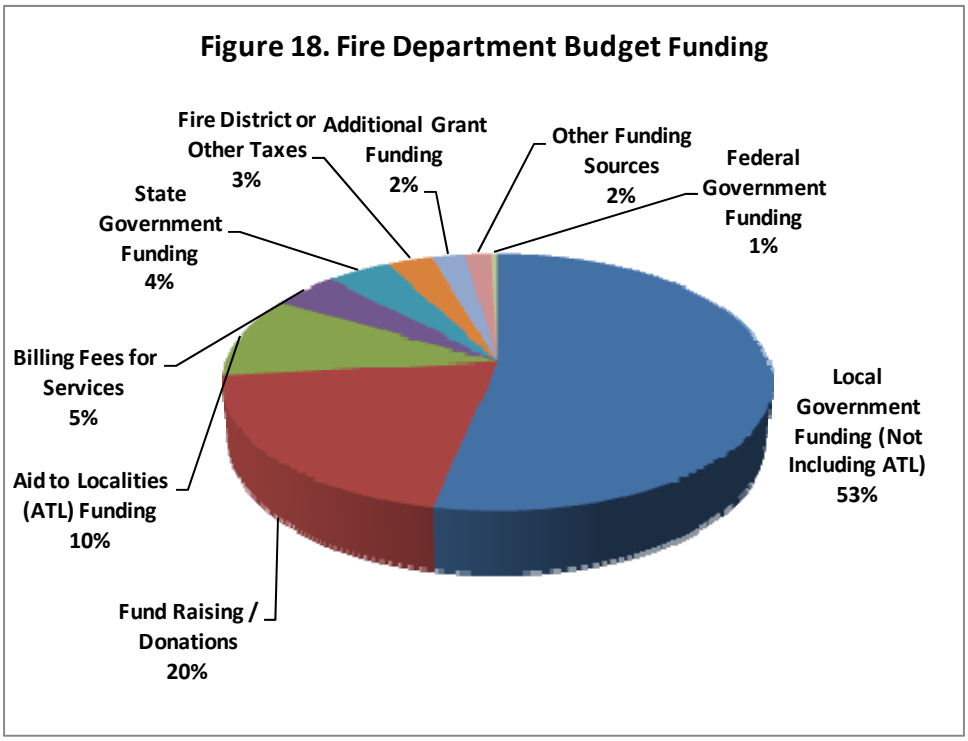


Table 16. Average Percent of Fire Department Budget Funding By VDFP Division

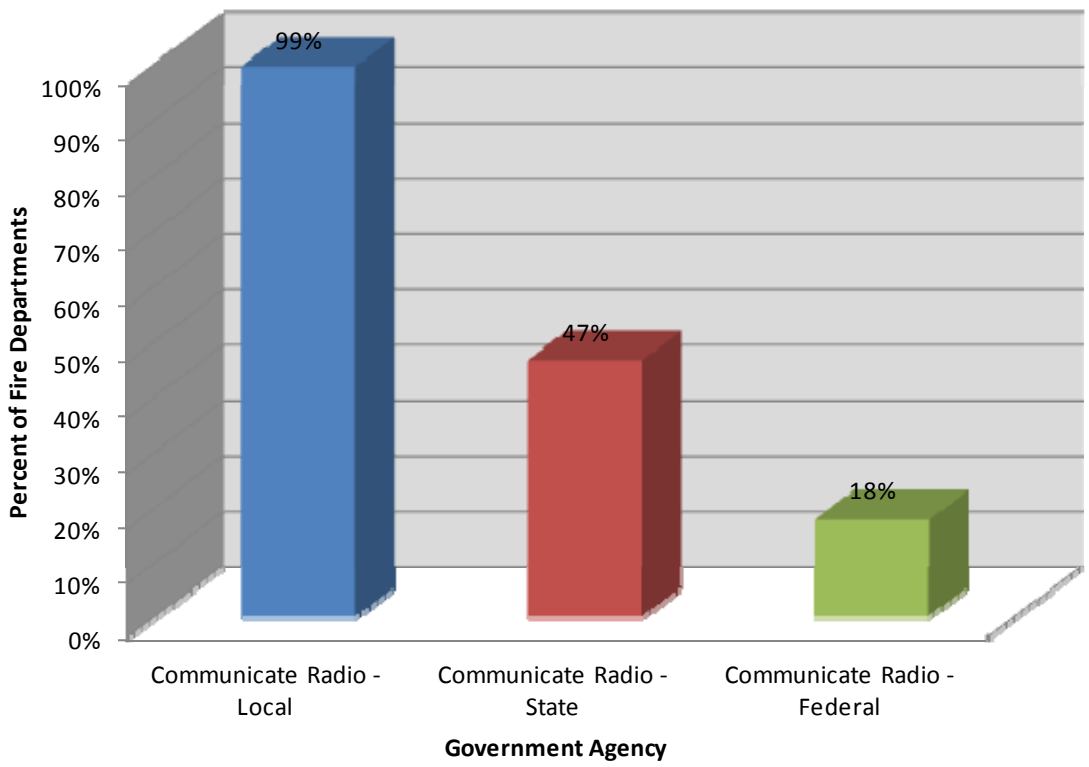
VDFP Division	Aid to Localities (ATL) Funding	Additional Grant Funding	Billing Fees for Services	Federal Government Funding	Fire District or Other Taxes	Fund Raising / Donations	Local Government Funding (Not Including ATL)	State Government Funding	Other Funding Sources
Division 1 - Richmond	5.7	3.2	5.3	1.1	0.5	14.2	63.6	6.3	0.3
Division 2 - Orange	6.6	2.3	5.9	0.3	9.2	23.2	52.0	0.4	0.1
Division 3 - Farmville	6.5	1.7	3.1	0.0	0.7	23.2	62.8	1.3	0.8
Division 4 - Chilhowie	12.9	1.3	5.4	0.6	2.4	17.3	50.1	7.3	2.8
Division 5 - Hampton	11.1	2.3	4.2	0.0	3.2	19.4	56.1	1.9	1.8
Division 6 - Roanoke	12.4	4.3	3.5	0.5	2.4	26.4	44.5	4.4	1.5
Division 7 - Fairfax	14.0	1.5	4.1	0.0	15.5	3.0	41.8	9.1	11.0
Grand Total	**10.2**	**2.4**	**4.6**	**0.4**	**3.1**	**20.0**	**53.2**	**4.4**	**1.8**

Survey Section V - 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.

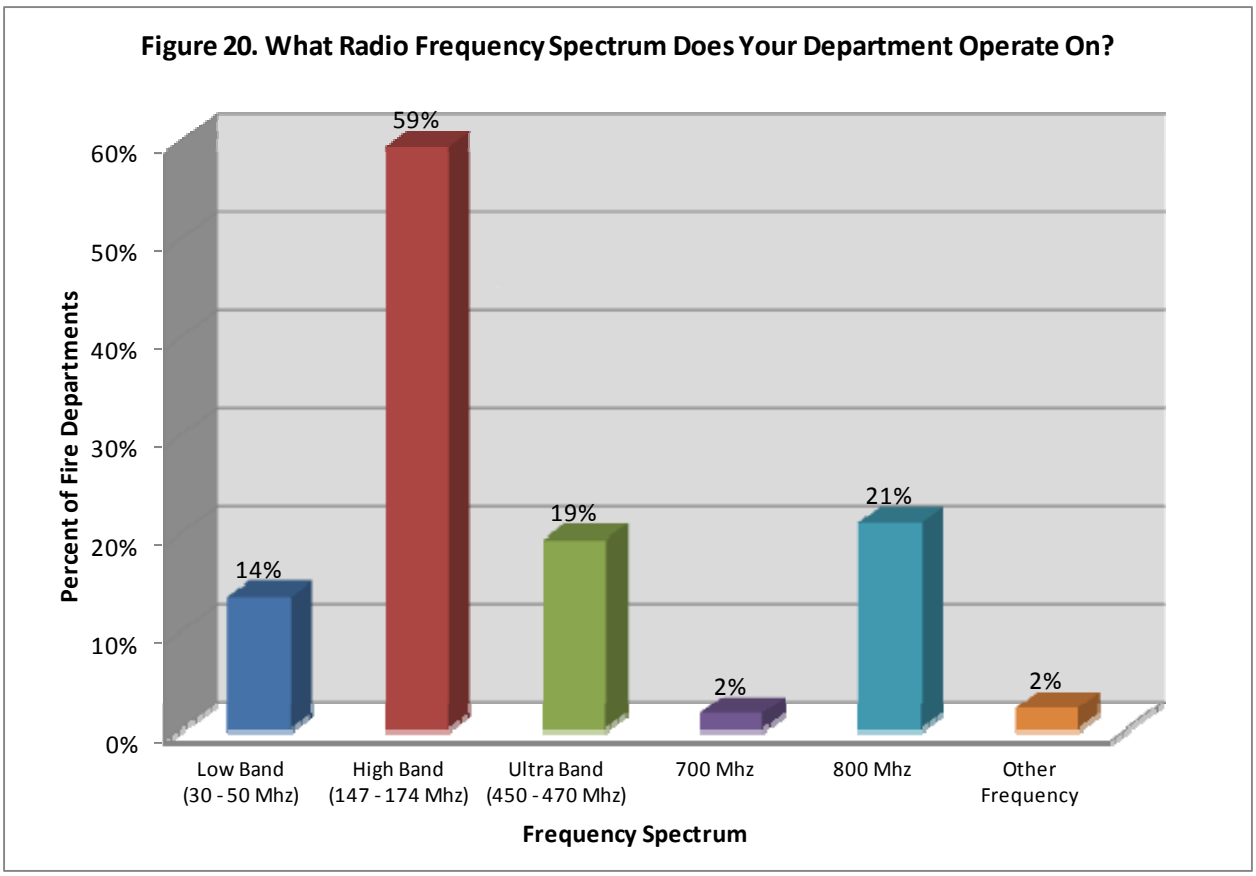
Reports from Virginia fire departments show that the vast majority of departments (99%) can communicate with local emergency response partners by radio on an incident scene. (See Figure 19.) Forty-seven percent (47%) can communicate with state responders and only eighteen percent (18%) can communicate with federal responders, suggesting that communications interoperability is still a challenge for many fire departments.

Figure 19. Communication By Radio with Other Agencies



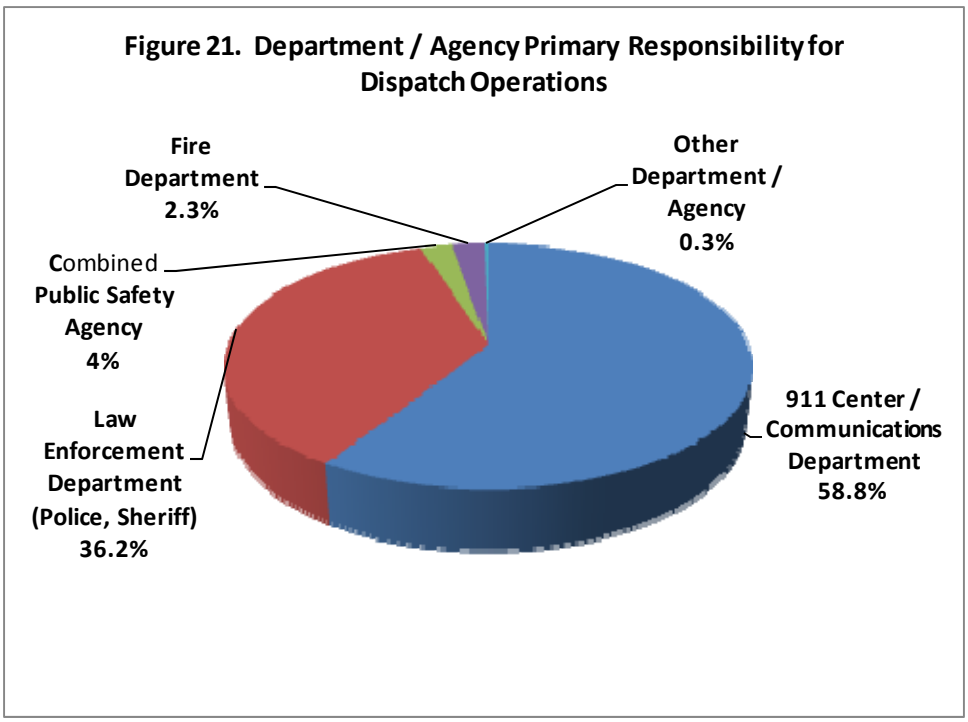
Frequency Spectrum

The frequency in which fire departments operate can greatly affect how they communicate with other agencies. Fifty-nine percent (59%) of departments operate using High Band (147-174 MHz) frequency, while 21 percent of departments use 800 MHz and 19 percent (19%) of departments use Ultra Band (450-470 MHz). (See Figure 20.)



Dispatch Operations

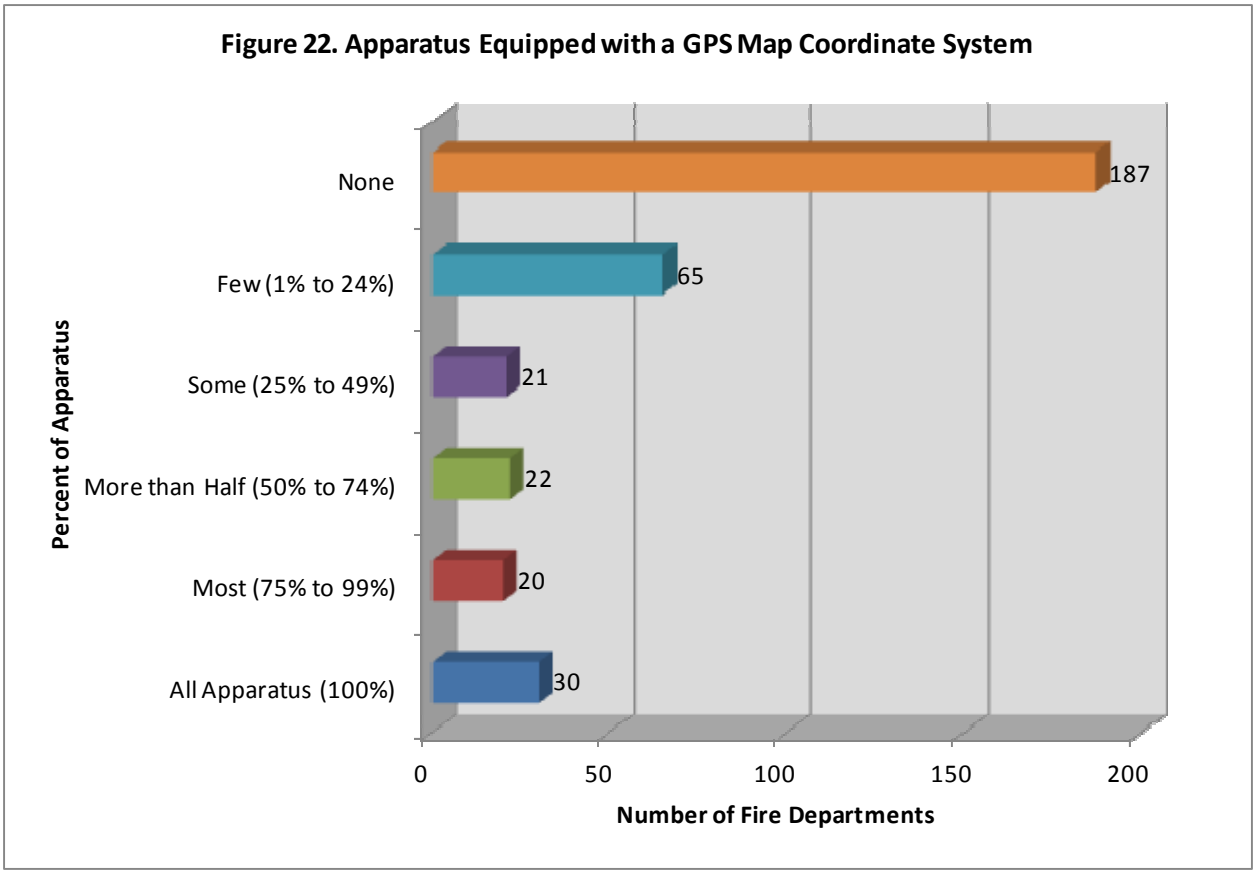
Fifty-nine percent (59%) of all fire departments responded that a 911 center / communications department is primarily responsible for their dispatch operations. (See Figure 21.) Thirty-six percent (36%) employ a law enforcement department for their incident calls and only 4 percent (4%) utilize a combined public safety agency.



GPS Map Coordinate System

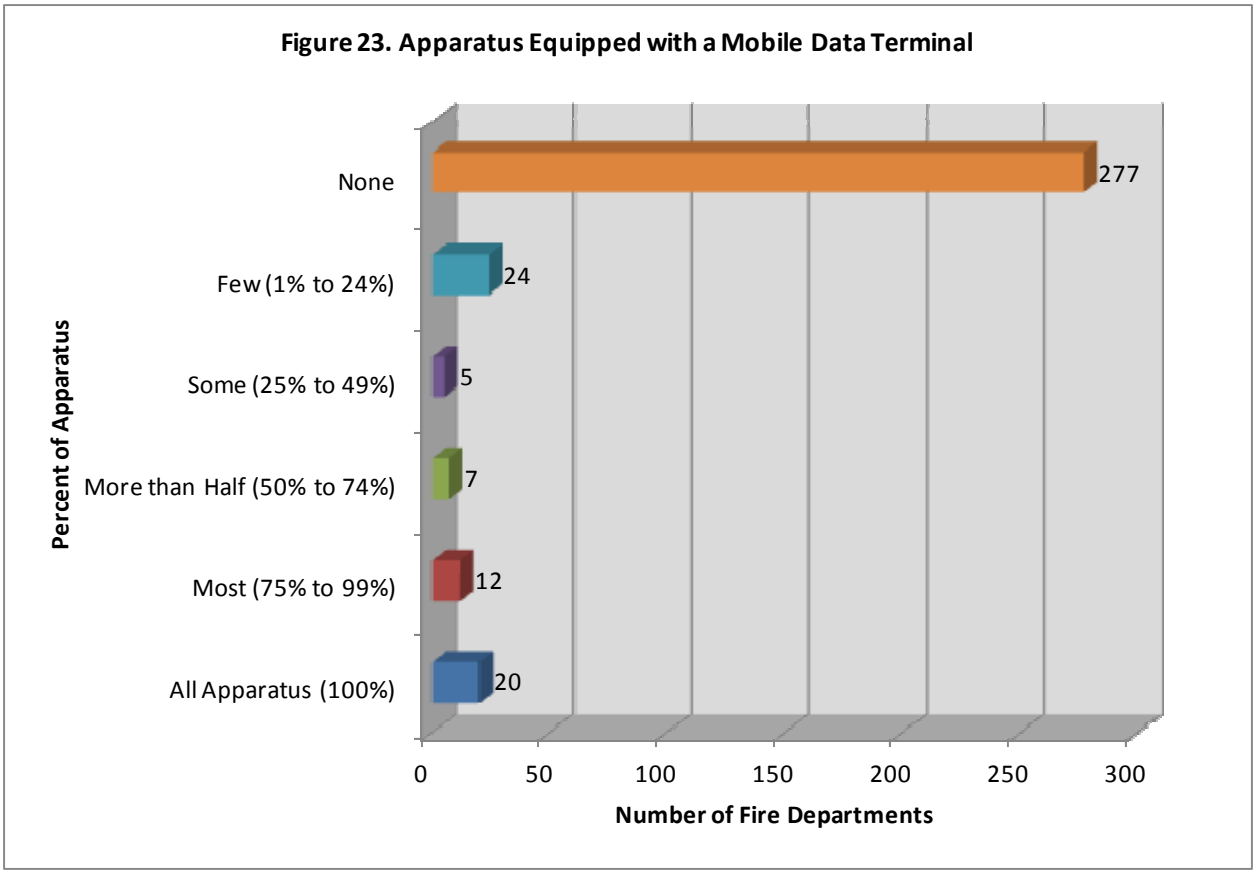
Fifty-four percent (54%) of fire departments have no GPS map coordinate system to help navigate during emergency response. (See Figure 22.) The USFA/NFPA national study estimates that 48 percent of departments have no map coordinate system.[2]

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



Mobile Data Terminals

Mobile data terminals in apparatus during an incident are a valuable source for information and also allow fire service to record information in real-time at the scene. Eighty percent (80%) of respondents reported that none of their apparatus are equipped with mobile data terminals. (See Figure 23.)



Computers/Internet Access

Fire departments use computers and 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.

Ninety-five percent (95%) of respondents reported that their stations have a computer available for incident reporting. (See Figure 24.) Ninety percent (90%) of departments reported that they have desktop computers available for use at their stations. (See Figure 25.) Fifty-two percent (52%) reported that they have laptop/netbook computers and 37 percent (37%) reported that they have toughbook computers.

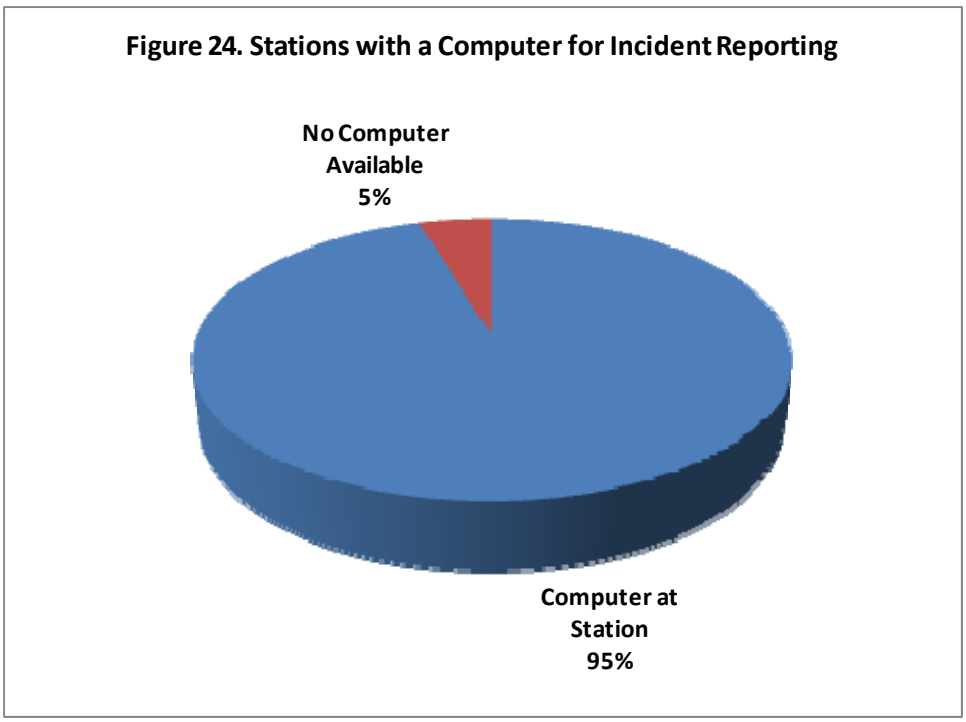


Figure 24. Stations with a Computer for Incident Reporting
No Computer Available 5%
Computer at Station 95%

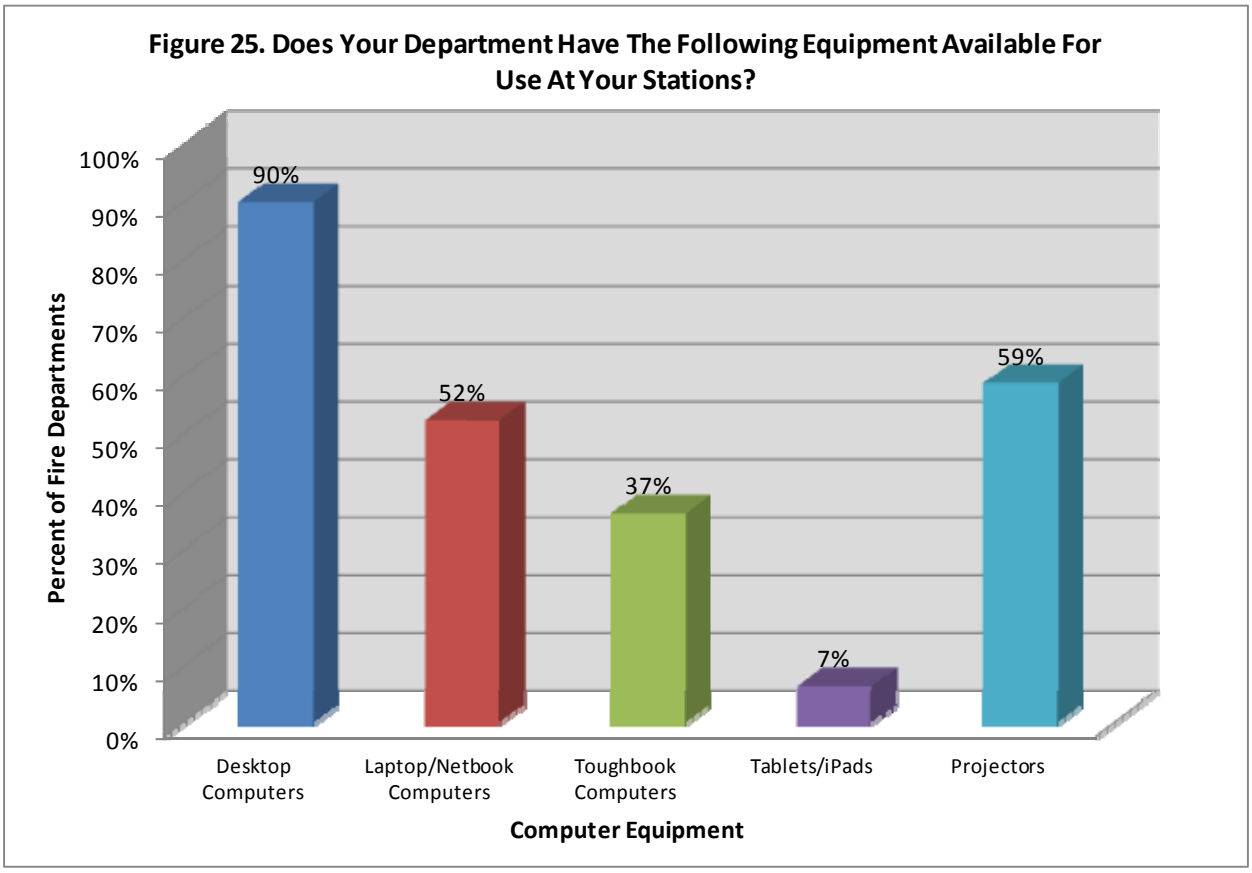
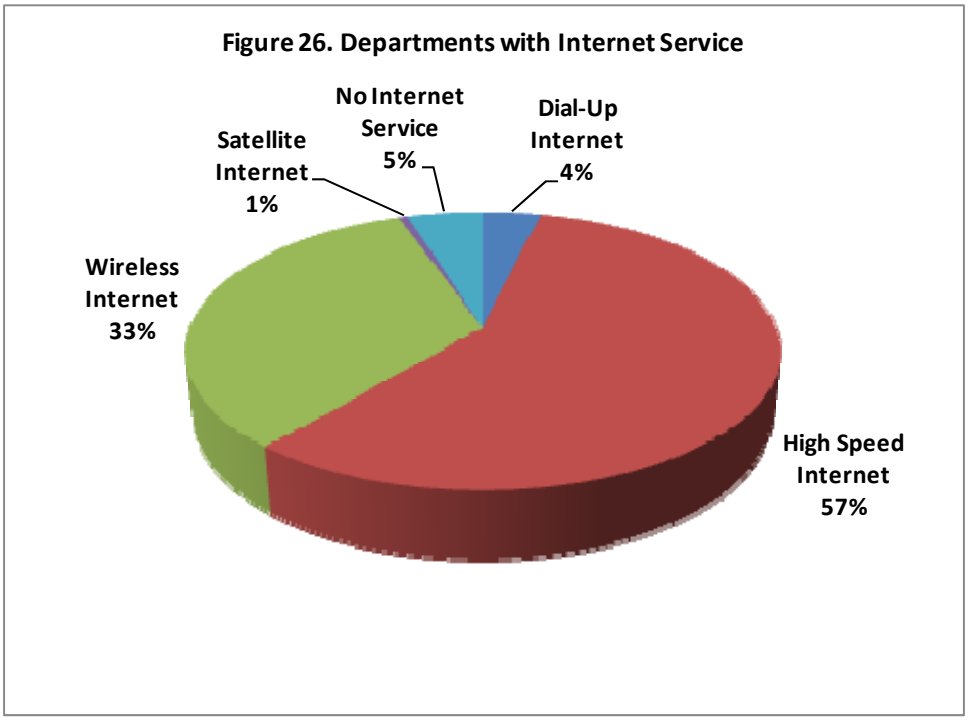


Figure 25. Does Your Department Have The Following Equipment Available For Use At Your Stations?
Percent of Fire Departments
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
90%
52%
37%
7%
59%
Desktop Computers
Laptop/Netbook Computers
Toughbook Computers
Tablets/iPads
Projectors
Computer Equipment

A majority of fire departments have internet access (95%) at their organization. (See Figure 26.) High speed internet accounted for 57 percent (57%) of the internet access, wireless internet made up 33 percent (33%), and satellite internet accounted for 1 percent (1%) of the internet service used in the state. Four percent (4%) of fire departments reported having only dial-up internet. Slow internet speeds can inhibit the productivity of departments when managing activities on-line. Switching over to higher speed internet would help the efficiency with a department's internet communication. Five percent (5%) of departments reported that they had no internet service.



Social Media

Fire departments are using social media as a new resource to increase communication. Forty-seven percent (47%) of fire departments are using Facebook. (See Figure 27.) Nine percent (9%) are using Twitter and 8% are using YouTube.

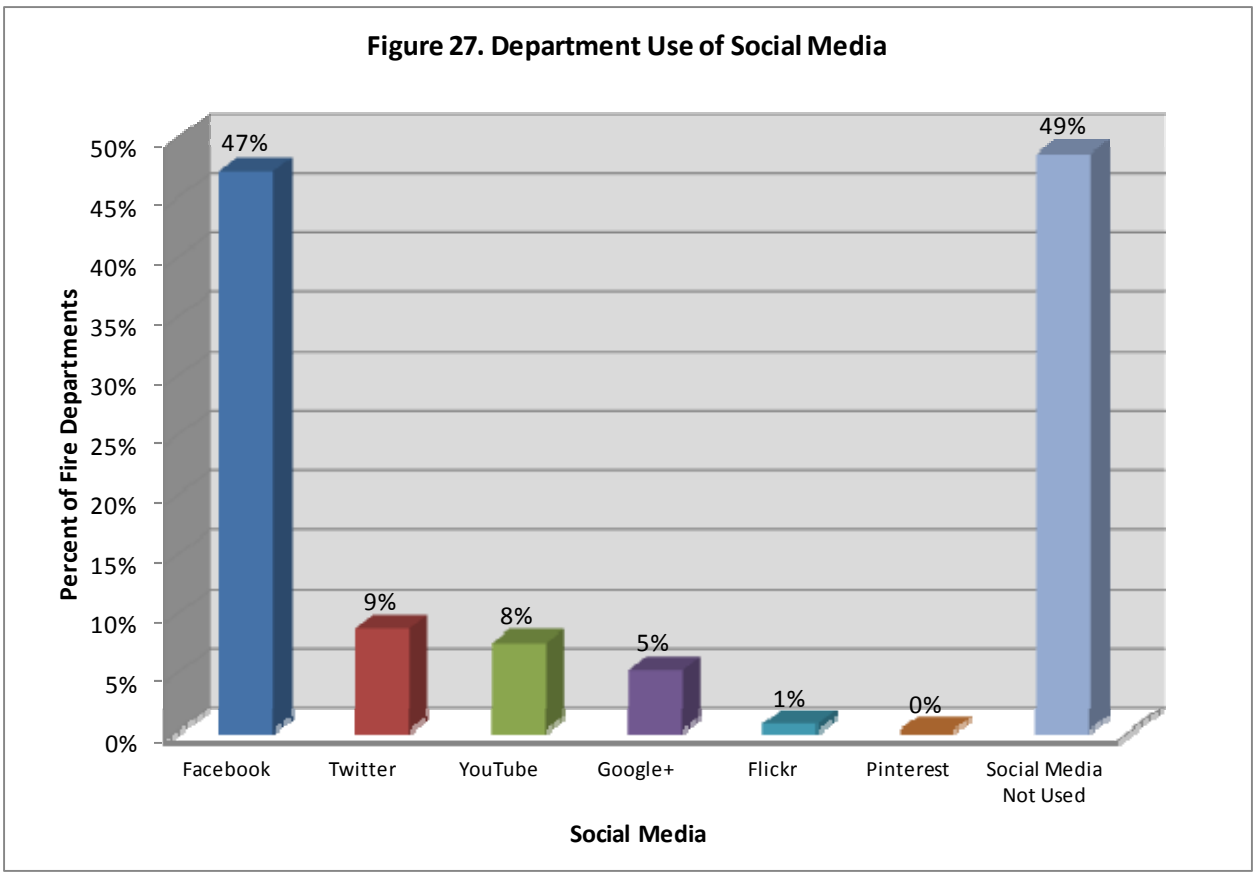


Figure 27. Department Use of Social Media
Percent of Fire Departments
50%
45%
40%
35%
30%
25%
20%
15%
10%
5%
0%
47%
9%
8%
5%
1%
0%
49%
Facebook
Twitter
YouTube
Google+
Flickr
Pinterest
Social Media Not Used
Social Media

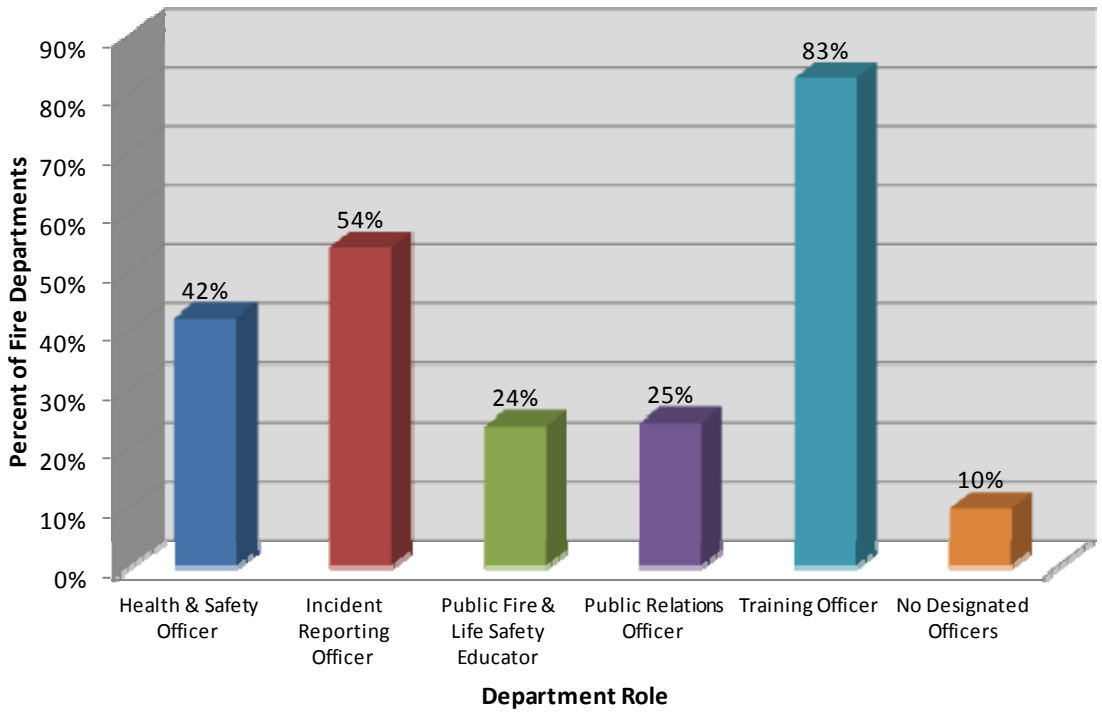
Survey Section VI - Fire Department Roles / Training

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.

Personnel Designated

When departments responded if they had personnel designated and responsible for the specific fire service duties, 83 percent (83%) had training officers, 54 percent (54%) had designated incident reporting officers, and 42 percent (42%) had health and safety officers. (See Figure 28.)

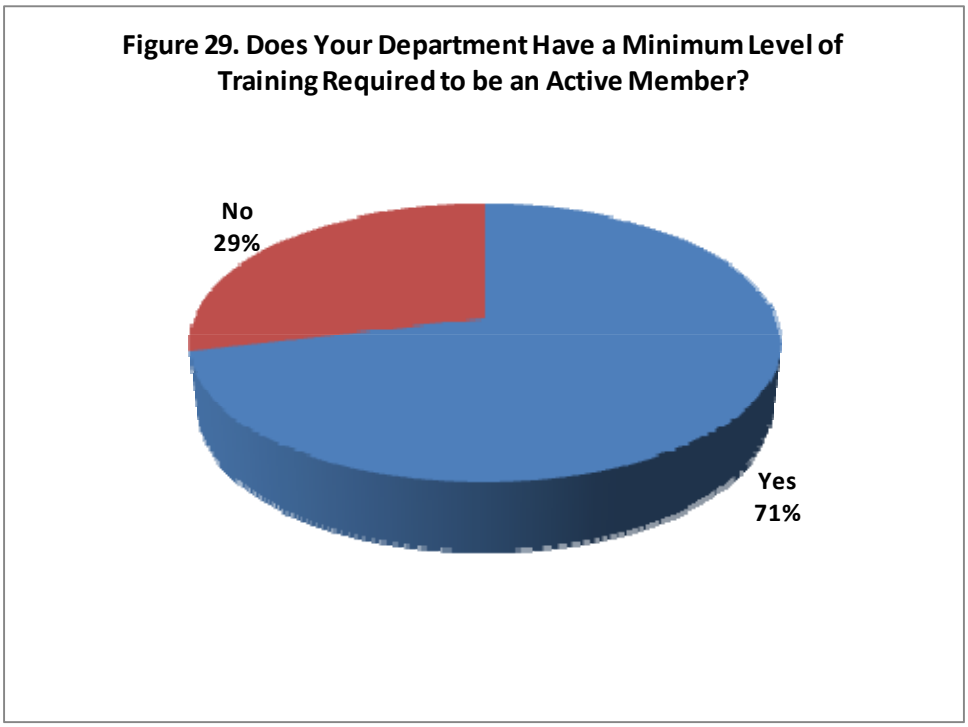
Figure 28. Personnel Designated and Responsible for Specific Duties



Minimum Level of Training

Fire departments have training requirements for their members. Seventy-one percent (71%) of the departments responded that they have a minimum level of training required to remain an active member. (See Figure 29.) For the departments that have a minimum level of training standard, 72 percent (72%) have members certified at the Fire Fighter I and HazMat Operations level and 22 percent

(22%) have members certified at Fire Fighter II and HazMat Operations. In addition, departments reported that 45 percent (45%) have to become certified in 12 months.



Forty-three percent (43%) of departments reported that their jurisdiction mandates firefighter certification (VDFP / Pro-Board).

Training

NFPA Standards

Fire service personnel are trained in many different areas and levels based on the National Fire Protection Association (NFPA) standards. Overall, fire departments responded that 68 percent (68%) of their personnel are trained in Hazardous Materials (NFPA 472) - Awareness and 65 percent (65%) are trained in Fire Fighter (NFPA 1001) - Level I. (See Table 17. and Figure 30.)

Based on the reported percentage of firefighters that need training and the reported number of fire service personnel, 6,632 firefighters in Virginia, the largest amount, need Fire Fighter (NFPA 1001) - Level II and 5,568 firefighters need Hazardous Materials (NFPA 472) - Operations. (See Table 17.)

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.

Table 17. Fire Department Reported Training Based on NFPA Standards

Training Area and Level	Number of Firefighters Trained	Percent of Firefighters Trained	Number of Firefighters Need Training	Percent of Firefighters Need Training
Hazardous Materials - Awareness	19,401	68.2%	4,985	17.5%
Hazardous Materials - Operations	17,860	62.8%	5,568	19.6%
Fire Fighter - Level I	18,439	64.8%	4,611	16.2%
Fire Fighter - Level II	16,699	58.7%	6,632	23.3%
Fire Apparatus Driver / Operator - Driver / Pump Operator	10,243	36.0%	5,516	19.4%
Fire Apparatus Driver / Operator - Aerial Operator	4,874	17.1%	3,241	11.4%
Airport Fire Fighter	671	2.4%	1,657	5.8%
Fire Officer - Level I	5,525	19.4%	3,891	13.7%
Fire Officer - Level II	3,381	11.9%	2,935	10.3%
Fire Officer - Level III	1,393	4.9%	2,385	8.4%
Fire Officer - Level IV	294	1.0%	1,950	6.9%
Fire Inspector - Level I and Level II	944	3.3%	1,638	5.8%
Fire Investigator	578	2.0%	1,508	5.3%
Fire Service Instructor - Level I	6,770	23.8%	2,629	9.2%
Fire Service Instructor - Level II	3,638	12.8%	2,326	8.2%
Fire Service Instructor - Level III	1,185	4.2%	1,741	6.1%
Public Fire and Life Safety Educator - Level I	370	1.3%	1,783	6.3%
Public Fire and Life Safety Educator - Level II	223	0.8%	1,688	5.9%
Juvenile Firesetter Intervention Specialist - Level I	197	0.7%	1,653	5.8%
Juvenile Firesetter Intervention Specialist - Level II	142	0.5%	1,548	5.4%

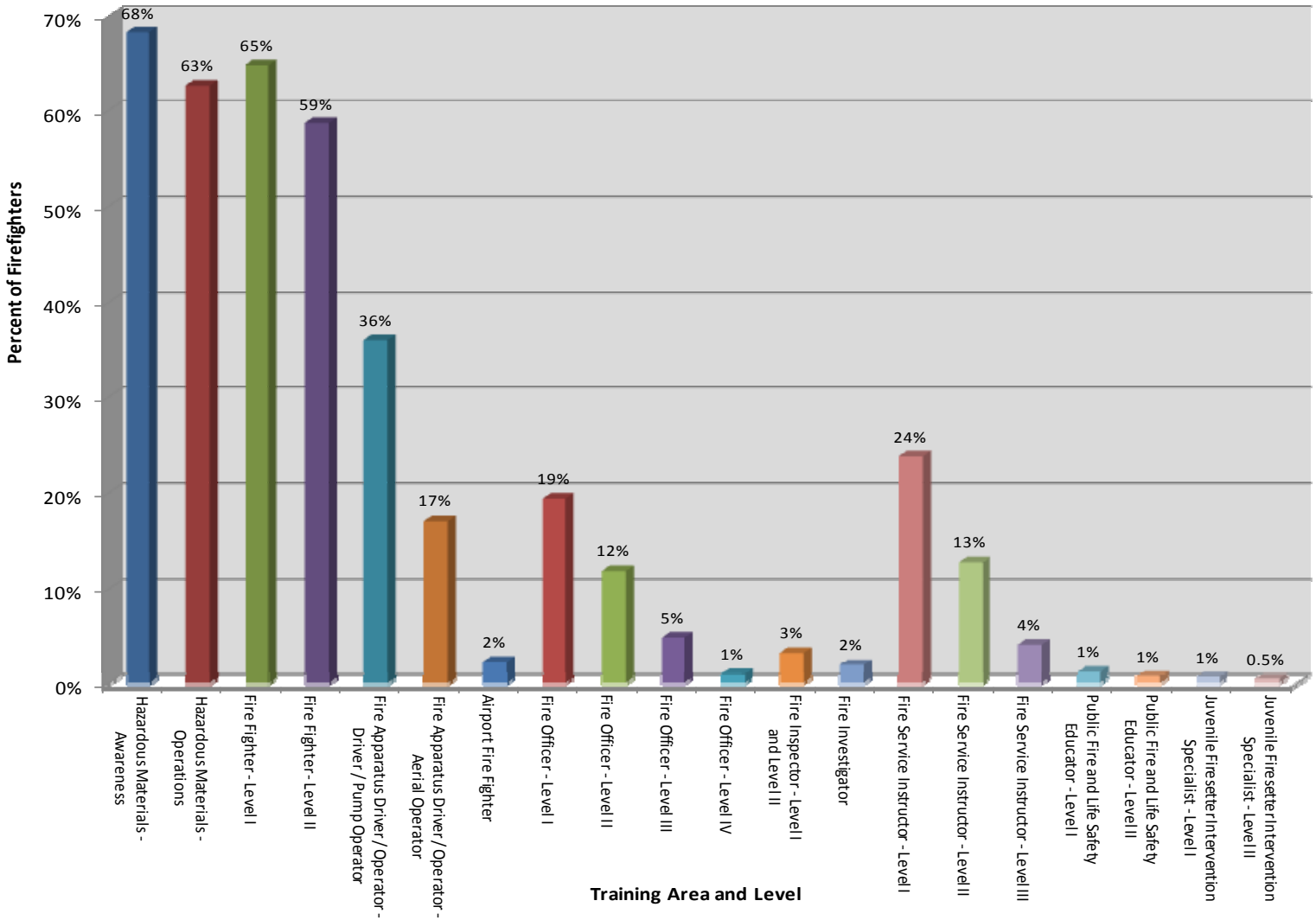


Figure 30. Fire Department Reported Firefighters Trained (NFPA Standards)
Percent of Firefighters
70%
60%
50%
40%
30%
20%
10%
0%
68%
63%
65%
59%
36%
17%
2%
19%
12%
5%
1%
3%
2%
24%
13%
4%
1%
1%
1%
0.5%
Hazardous Materials - Awareness
Hazardous Materials - Operations
Fire Fighter - Level I
Fire Fighter - Level II
Fire Apparatus Driver / Operator - Driver / Pump Operator
Fire Apparatus Driver / Operator - Aerial Operator
Airport Fire Fighter
Fire Officer - Level I
Fire Officer - Level II
Fire Officer - Level III
Fire Officer - Level IV
Fire Inspector - Level I and Level II
Fire Investigator
Fire Service Instructor - Level I
Fire Service Instructor - Level II
Fire Service Instructor - Level III
Public Fire and Life Safety Educator - Level I
Public Fire and Life Safety Educator - Level II
Juvenile Firesetter Intervention Specialist - Level I
Juvenile Firesetter Intervention Specialist - Level II
Training Area and Level

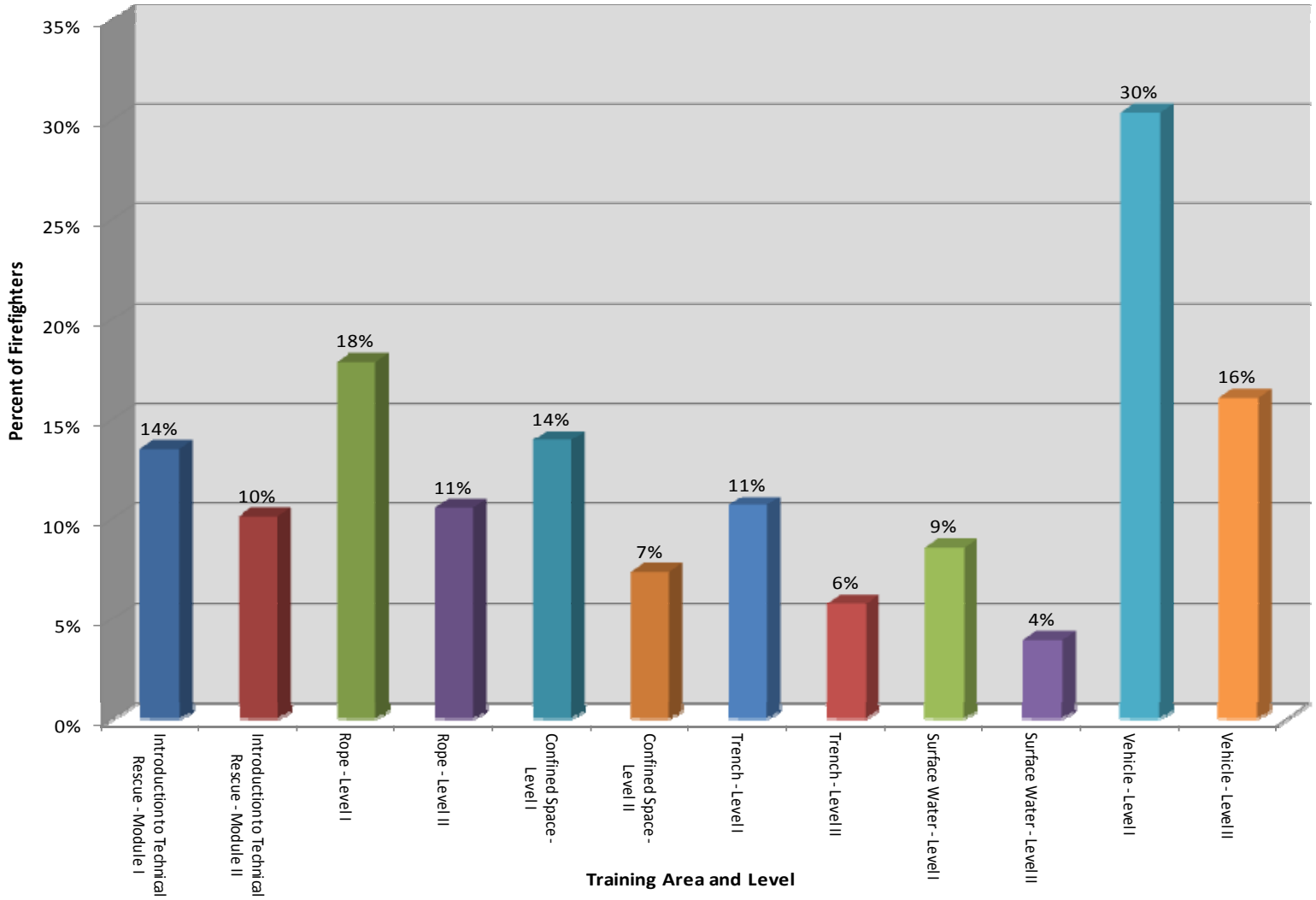
Technical Rescue

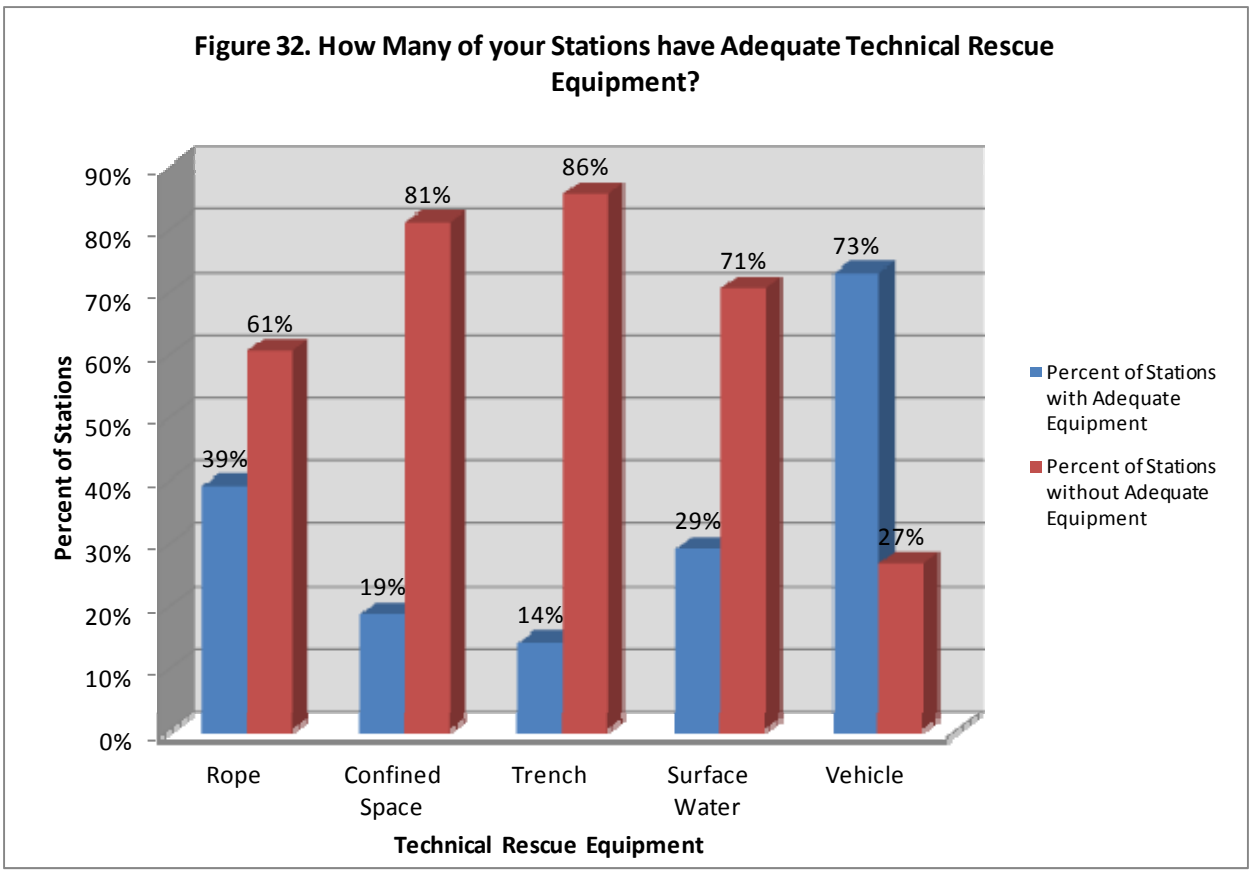
Respondents also replied with how many personnel are trained in specific technical rescue areas and levels. Thirty percent (30%) of firefighters are trained in Vehicle - Level I and 18 percent (18%) are trained in Rope - Level I. (See Table 18. and Figure 31.) Based on reported percentage of firefighters that need technical rescue training, Introduction to Technical Rescue - Module I training was the area that fire departments needed the highest percentage (24%) of personnel trained. (See Table 18.)

Table 18. Fire Department Reported Training with Technical Rescue

Training Area and Level	Number of Firefighters Trained	Percent of Firefighters Trained	Number of Firefighters Need Training	Percent of Firefighters Need Training
Introduction to Technical Rescue - Module I	3,845	13.5%	6,953	24.4%
Introduction to Technical Rescue - Module II	2,883	10.1%	6,527	22.9%
Rope - Level I	5,096	17.9%	4,923	17.3%
Rope - Level II	3,005	10.6%	4,341	15.3%
Confined Space - Level I	3,977	14.0%	3,894	13.7%
Confined Space - Level II	2,098	7.4%	3,353	11.8%
Trench - Level I	3,047	10.7%	3,631	12.8%
Trench - Level II	1,652	5.8%	3,301	11.6%
Surface Water - Level I	2,452	8.6%	4,093	14.4%
Surface Water - Level II	1,126	4.0%	3,449	12.1%
Vehicle - Level I	8,645	30.4%	5,604	19.7%
Vehicle - Level II	4,581	16.1%	5,117	18.0%

Figure 31. Fire Department Reported Firefighters Trained with Technical Rescue





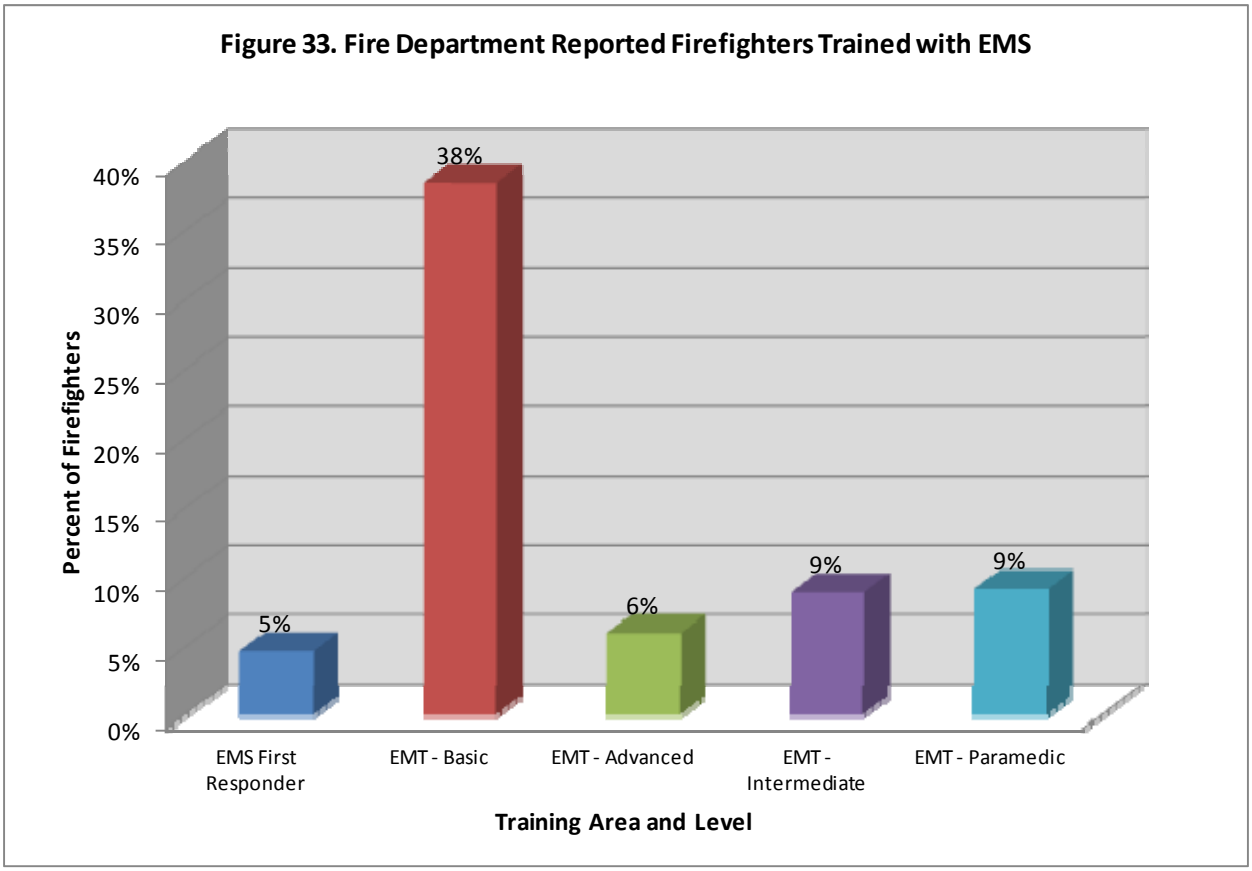
Fire departments reported that their stations do not have adequate technical rescue equipment in the following areas; Rope (61%), Confined Space (81%), Trench (86%), and Surface Water (71%). (See Figure 32.) Seventy-three percent (73%) of their stations have adequate vehicle technical rescue equipment.

Emergency Medical Services (EMS)

Fire service reported that on average 39% of their firefighters are trained at the EMT - Basic level and that they need additional training (16%) to meet training goals with their department. (See Table 19. and Figure 33.)

Table 19. Fire Department Reported Training with EMS

Training Area and Level	Number of Firefighters Trained	Percent of Firefighters Trained	Number of Firefighters Need Training	Percent of Firefighters Need Training
EMS First Responder	1,353	4.8%	1,840	6.5%
EMT - Basic	10,946	38.5%	4,572	16.1%
EMT - Advanced	1,729	6.1%	1,541	5.4%
EMT - Intermediate	2,568	9.0%	1,959	6.9%
EMT - Paramedic	2,640	9.3%	2,364	8.3%

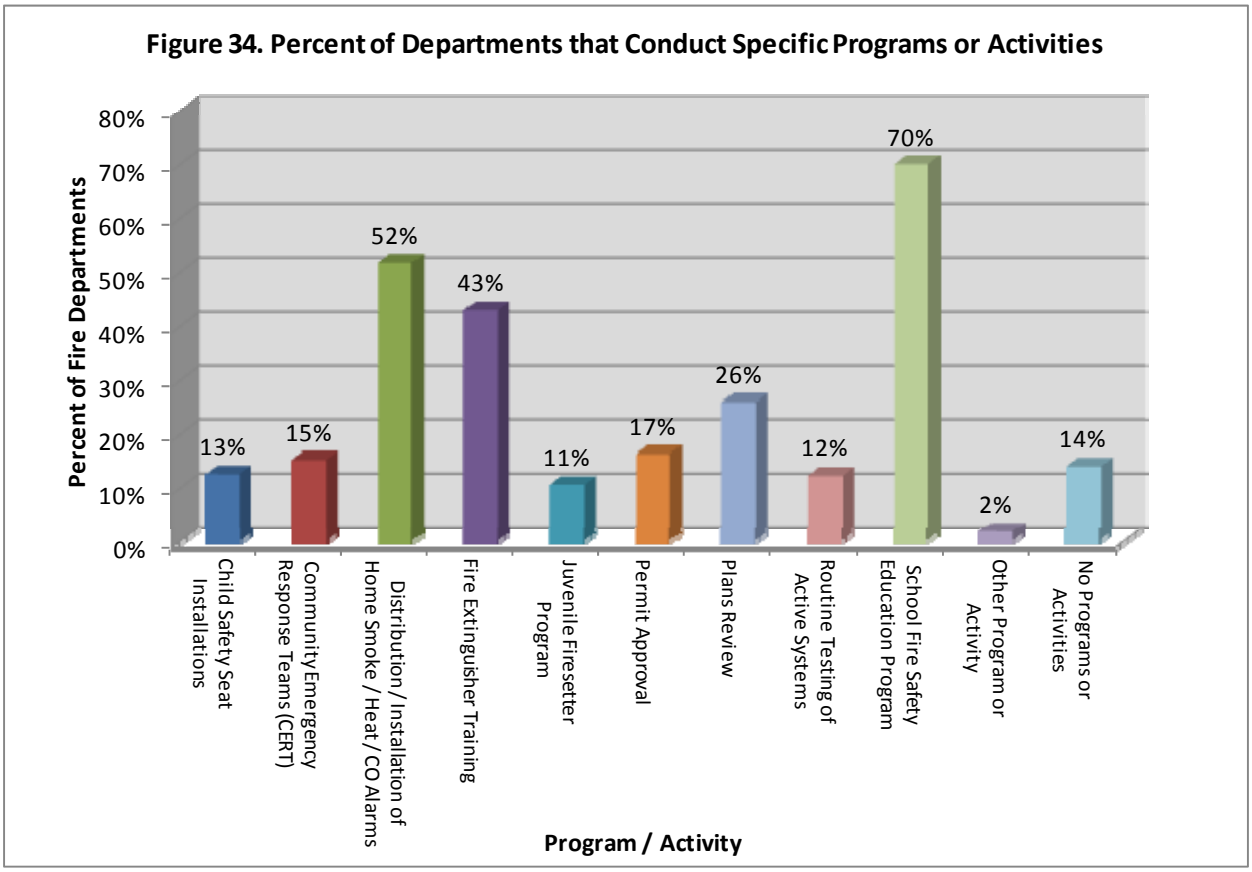


Fire departments that are licensed by the Virginia Department of Health, Office of Emergency Medical Services accounted for 55 percent (55%) of the survey respondents. Since emergency medical services (EMS) incidents make up a large part of the overall calls, fire service departments would benefit from being licensed as an EMS agency.

Survey Section VII - Fire Prevention & Code Enforcement

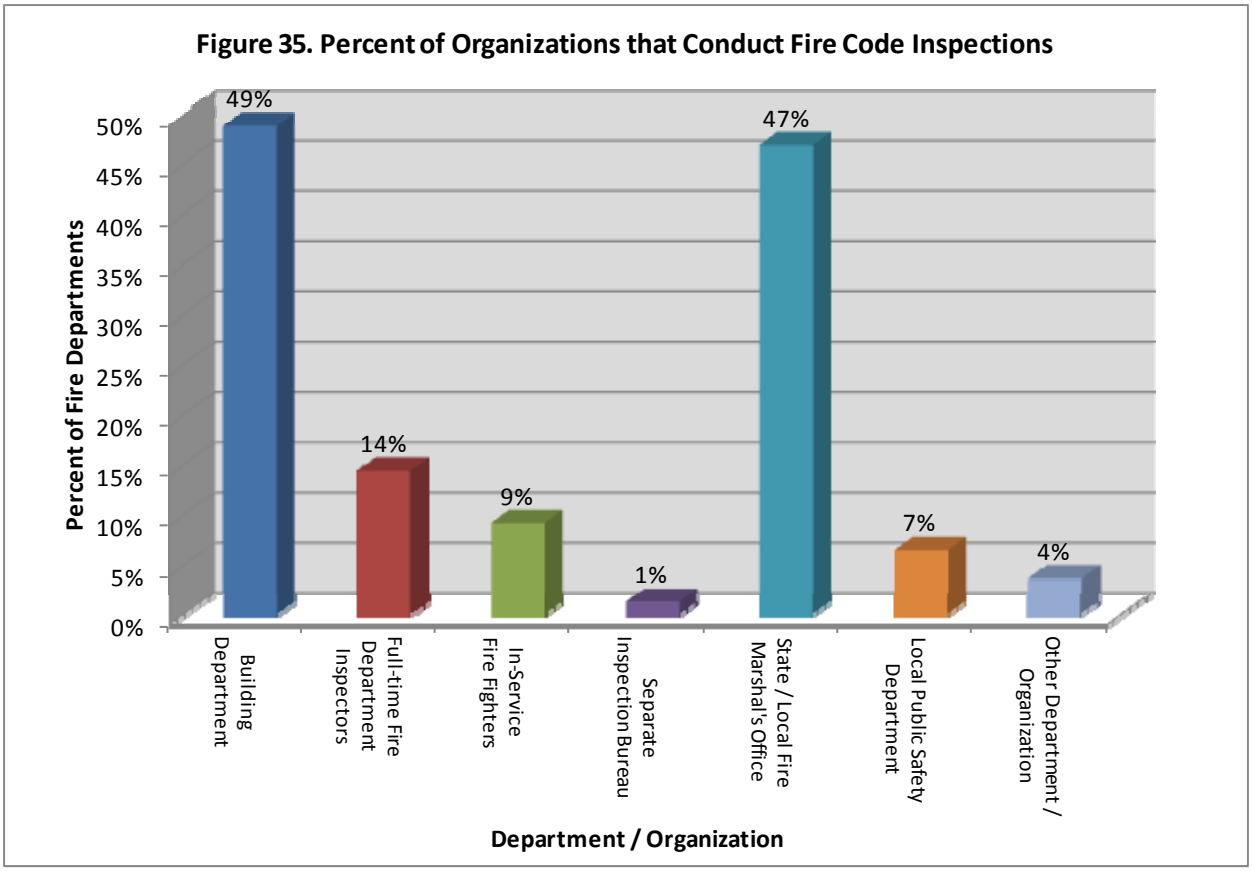
Programs / Activities

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. Seventy percent (70%) of departments reported that they conducted school fire safety education programs and 52 percent (52%) participated in the distribution / installation of home smoke / heat / CO alarms. (See Figure 34.)



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 (49%) handle inspections in their community, while 47% responded that the state / local fire marshal's office provides the inspections. (See Figure 35.)



Fire Investigation

Several types of investigators will determine if a suspicious fire was deliberately set in an area. Fifty-five percent (55%) of the departments reported that state arson investigators analyze fires to conclude the cause of ignition. (See Figure 36.)

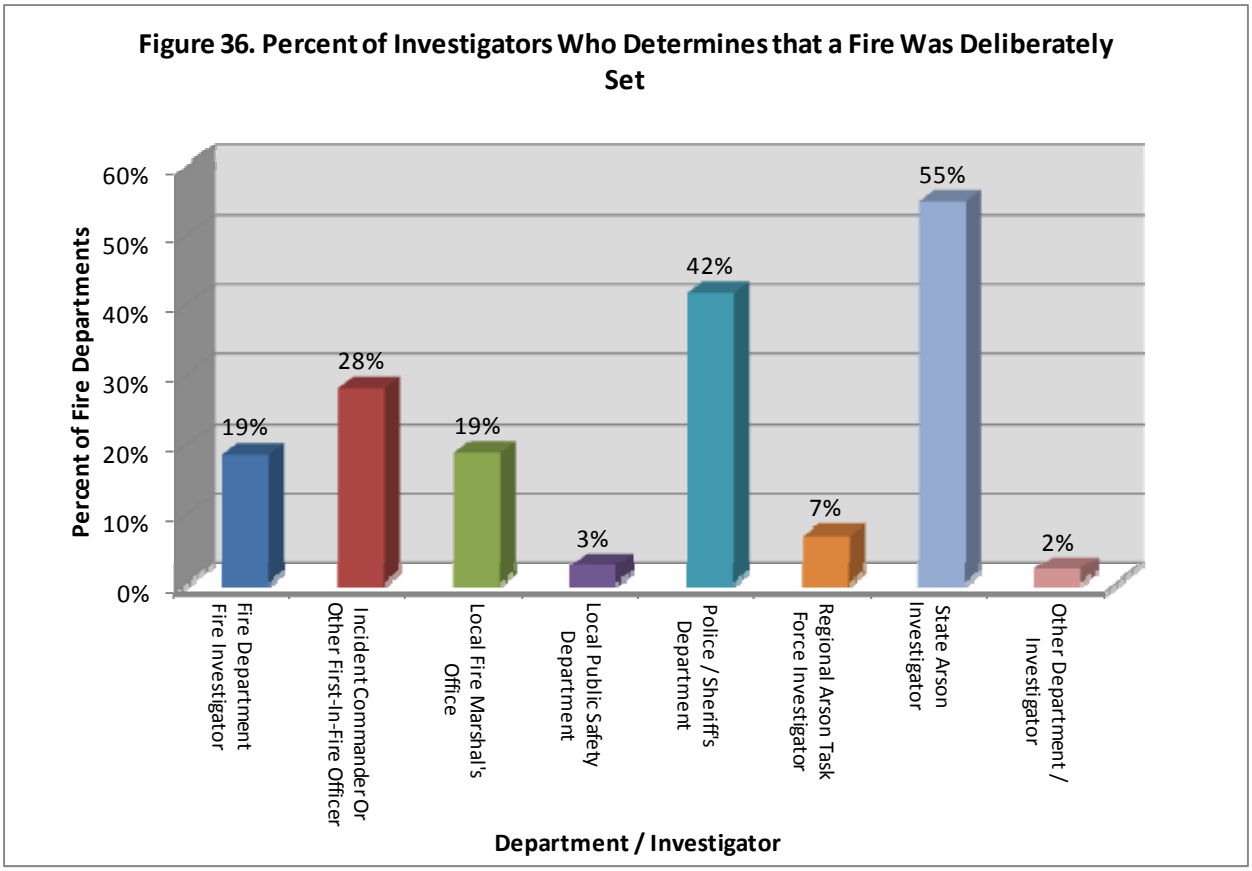


Figure 36. Percent of Investigators Who Determines that a Fire Was Deliberately Set
Percent of Fire Departments
60%
50%
40%
30%
20%
10%
0%
19%
28%
19%
3%
42%
7%
55%
2%
Fire Department Fire Investigator
Incident Commander Or Other First-In-Fire Officer
Local Fire Marshal's Office
Local Public Safety Department
Police / Sheriff's Department
Regional Arson Task Force Investigator
State Arson Investigator
Other Department / Investigator
Department / Investigator

Survey Section VIII - Your Fire Department's Top Needs

Top Needs

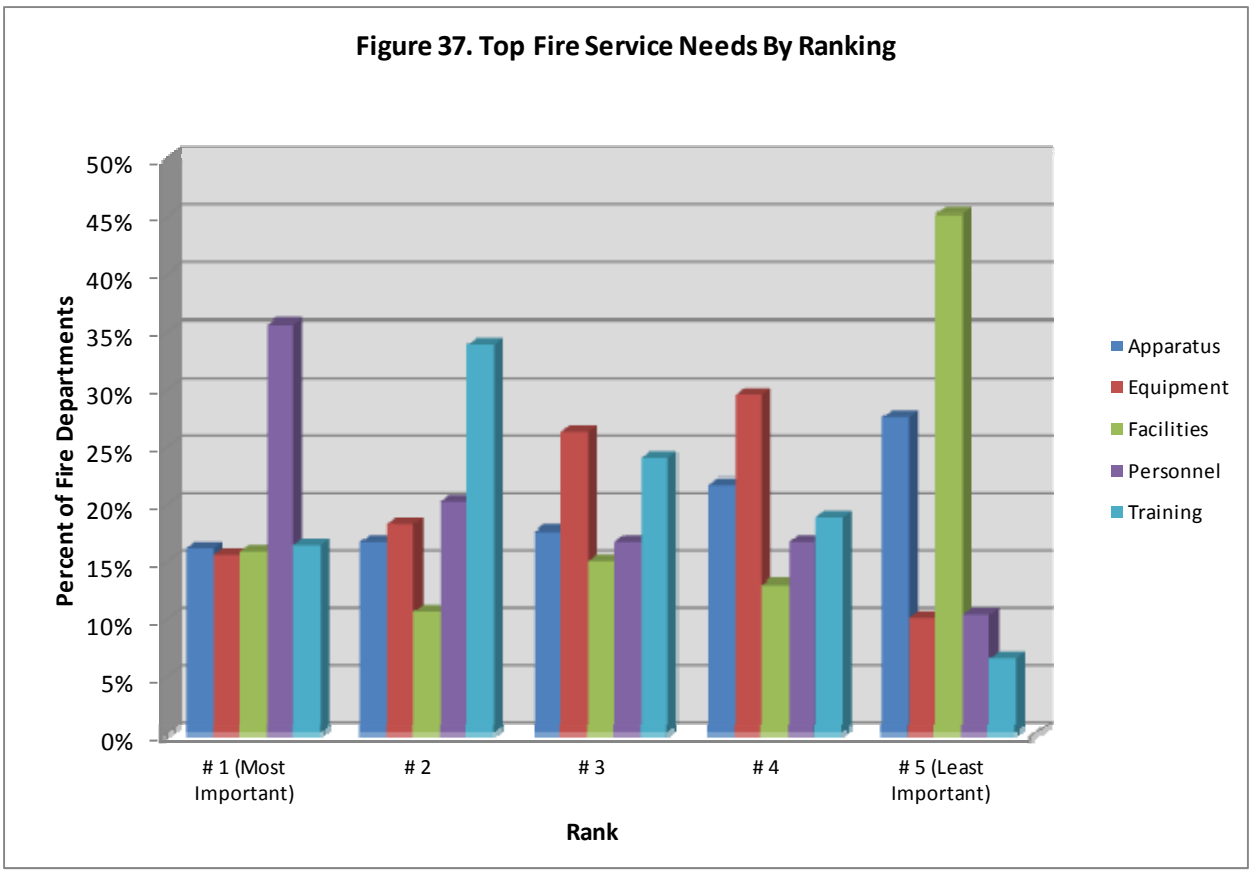
Survey respondents were asked to rank their department's top needs from 1 to 5 in order of importance. The most important need would be ranked #1, the next important need would be ranked #2, etc. and the least important need would be #5. The five ranking categories were apparatus, equipment, facilities,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

Overall, in Virginia, the top need generated from the response was (#1) Personnel. Thirty-seven percent (36%) 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 34 percent (34%) 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 20.)

Table 20. Top Fire Service Needs Reported By VDFP Division

VDFP Division	#1 Top Need	#2 Top Need	#3 Top Need	#4 Top Need	#5 Top Need
Division 1 - Richmond	Personnel	Training	Equipment	Apparatus	Facilities
Division 2 - Orange	Personnel	Training	Equipment	Apparatus	Facilities
Division 3 - Farmville	Personnel	Training	Facilities	Equipment	Apparatus
Division 4 - Chilhowie	Personnel	Training	Equipment	Apparatus	Facilities
Division 5 - Hampton	Personnel	Training	Equipment	Apparatus	Facilities
Division 6 - Roanoke	Personnel	Training	Equipment	Apparatus	Facilities
Division 7 - Fairfax	Personnel	Training	Facilities	Equipment	Apparatus
Virginia	**Personnel**	**Training**	**Equipment**	**Apparatus**	**Facilities**

When comparing how different divisions in Virginia ranked their top needs, fire departments in the Division 3 - Farmville and Division 7 - Fairfax area selected Facilities for their #3 top need, suggesting that there is a greater need for facility improvements in the central and northern area of the state. The different needs in these areas give insight into the variations among fire service in the state.



Additional Funding

Fire departments were also surveyed concerning the estimated amount of additional funding needed with each specific need for FY 2013. Overall, fire departments reported that their additional funding needed for FY 2013 would be $702 million. (See Table 21.) Last year with the survey, fire departments reported total additional funding needed was $524 million for FY 2012, suggesting that funding shortages continue to be present and are increasing within Virginia's fire service.

The additional funding for fire departments to maintain their facilities ($464 million) accounted for the highest amount of funding needed in Virginia. Apparatus had the second highest funding amounts, $106 million, while Personnel funding ranked third with $78 million.

Table 21. Total Additional Funding Needed Reported By VDFP Division

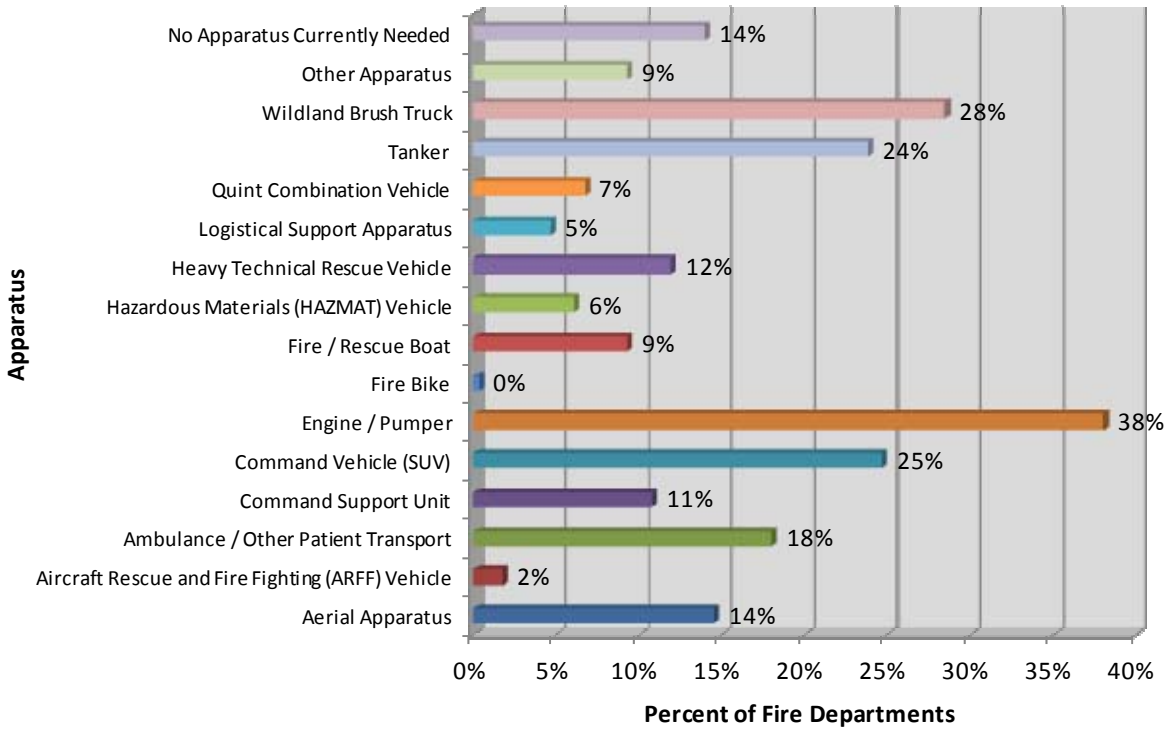
VDFP Division	Apparatus	Equipment	Facilities	Personnel	Training	Grand Total
Division 1 - Richmond	$20,625,000	$19,071,500	$102,705,000	$20,753,000	$2,606,000	$165,760,500
Division 2 - Orange	$10,882,000	$2,569,000	$129,690,000	$14,468,000	$1,106,050	$158,715,050
Division 3 - Farmville	$12,263,000	$2,960,500	$28,470,000	$6,744,500	$1,894,500	$52,332,500
Division 4 - Chilhowie	$17,675,500	$4,329,580	$34,390,400	$2,055,767	$1,195,010	$59,646,257
Division 5 - Hampton	$21,960,000	$6,616,500	$61,082,650	$18,307,500	$2,788,250	$110,754,900
Division 6 - Roanoke	$14,893,000	$2,990,000	$57,329,000	$6,623,000	$1,289,000	$83,124,000
Division 7 - Fairfax	$7,550,000	$2,070,000	$50,700,000	$9,220,000	$2,345,000	$71,885,000
Grand Total	**$105,848,500**	**$40,607,080**	**$464,367,050**	**$78,171,767**	**$13,223,810**	**$702,218,207**

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

Apparatus Needed

Apparatus are needed when fire departments dispatch to different types of situations. Thirty-eight percent (38%) of all responding departments noted that they require an engine/pumper. (See Figure 38.) Fire departments also reported that they needed wildland brush trucks (28%), command vehicles (25%), and tankers (24%). Fourteen percent (14%) of departments responded that they currently have no apparatus need.

Figure 38. Type of Apparatus Needed with Fire Departments



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

Equipment Needed

Fire service personnel rely on adequate equipment to perform their duties as a firefighter. Departments showed their largest equipment need was for thermal imaging cameras (55%), personal

protective equipment (53%), 4-gas monitors (48%), and map coordinate system - GPS (47%). (See Figure 39.) Mobile data terminals were selected by 43 percent (43%) of departments. Only 3 percent (3%) of fire departments reported that they have no equipment currently needed.

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

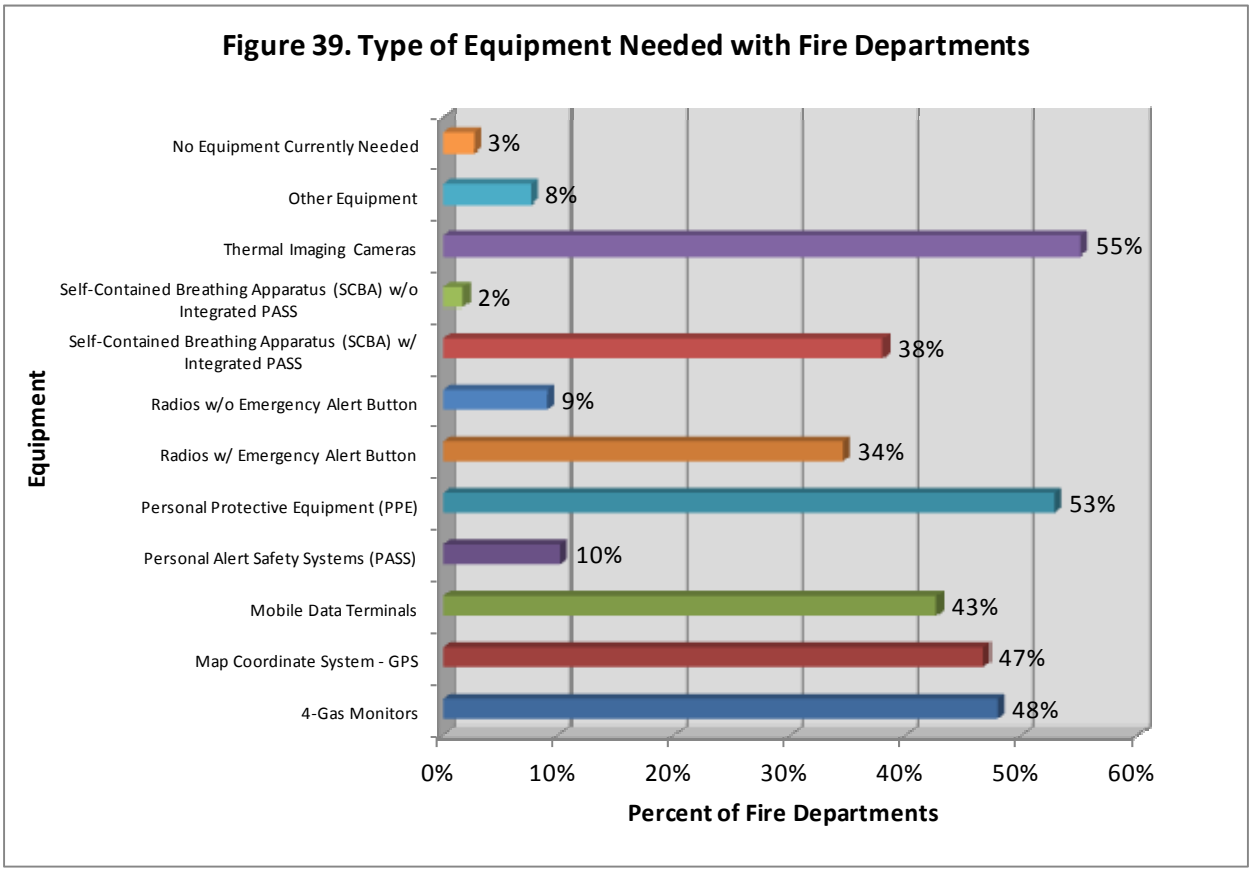


Table 22. Number of Apparatus Needed Reported By VDFP Division

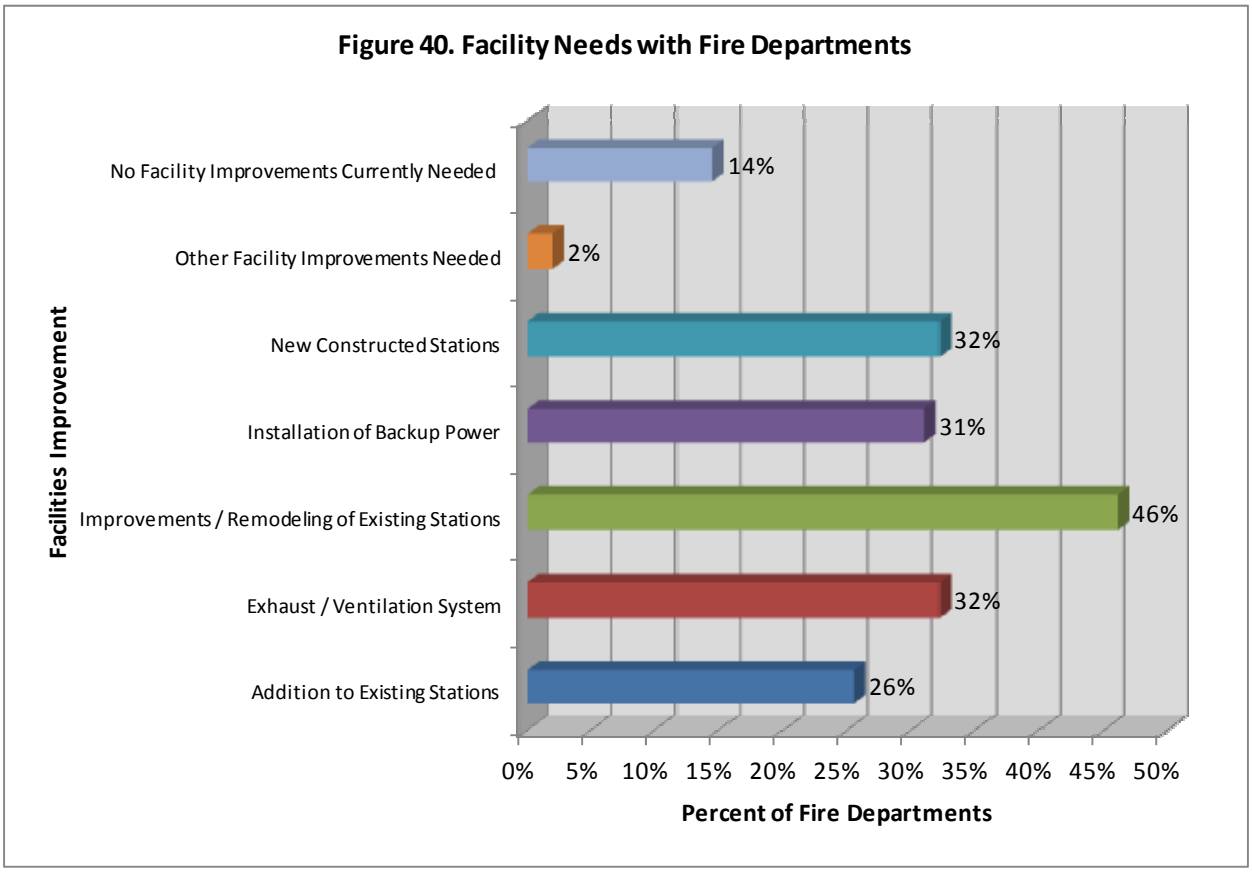
VDFP Division	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Support Unit	Command Vehicle (SUV)	Engine / Pumper	Fire Bike	Fire / Rescue Boat	Hazardous Materials (HAZMAT) Vehicle	Heavy Technical Rescue Vehicle	Logistical Support Apparatus	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
Division 1 - Richmond	5	2	17	3	11	42	12	9	3	7	3	4	15	18	2
Division 2 - Orange	7	3	23	6	16	16	0	3	3	2	3	1	6	8	3
Division 3 - Farmville	8	0	20	8	15	27	0	4	2	3	1	0	9	17	4
Division 4 - Chilhowie	10	0	8	8	25	37	0	6	6	15	0	6	28	29	6
Division 5 - Hampton	8	0	9	5	13	22	0	9	4	7	8	7	11	17	4
Division 6 - Roanoke	7	0	16	6	17	26	0	3	2	4	3	5	26	24	54
Division 7 - Fairfax	8	0	8	3	3	13	0	1	0	3	0	1	0	0	4
Grand Total	**53**	**5**	**101**	**39**	**100**	**183**	**12**	**35**	**20**	**41**	**18**	**24**	**95**	**113**	**77**

Table 23. Number of Equipment Needed Reported By VDFP Division

VDFP Division	4-Gas Monitors	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Safety Systems (PASS)	Personal Protective Equipment (PPE)	Radios w/ Emergency Alert Button	Radios w/o Emergency Alert Button	Self-Contained Breathing Apparatus (SCBA) w/ Integrated PASS	Self-Contained Breathing Apparatus (SCBA) w/o Integrated PASS	Thermal Imaging Cameras	Other Equipment
Division 1 - Richmond	79	109	245	35	479	353	20	969	0	86	22
Division 2 - Orange	42	209	210	50	400	135	80	368	25	43	16
Division 3 - Farmville	84	116	131	20	485	324	20	213	0	64	5
Division 4 - Chilhowie	135	249	167	210	781	546	238	485	11	85	78
Division 5 - Hampton	41	170	243	69	755	293	12	1,133	5	65	0
Division 6 - Roanoke	66	131	176	33	812	541	73	662	0	66	92
Division 7 - Fairfax	30	85	7	0	1,314	100	0	0	0	23	0
Grand Total	**477**	**1,069**	**1,179**	**417**	**5,026**	**2,292**	**443**	**3,830**	**41**	**432**	**213**

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. (See Figure 40.) Fourteen percent (14%) of departments showed no current need with their facilities.



Personnel Needed

Personnel was the overall (#1) top need in the state for fire departments. Seventy percent (70%) of all departments responded that they need volunteer firefighters and 30 percent (30%) showed a need for paid firefighters. (See Figure 41.) Thirteen percent (13%) of departments reported that they have no personnel currently needed.

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

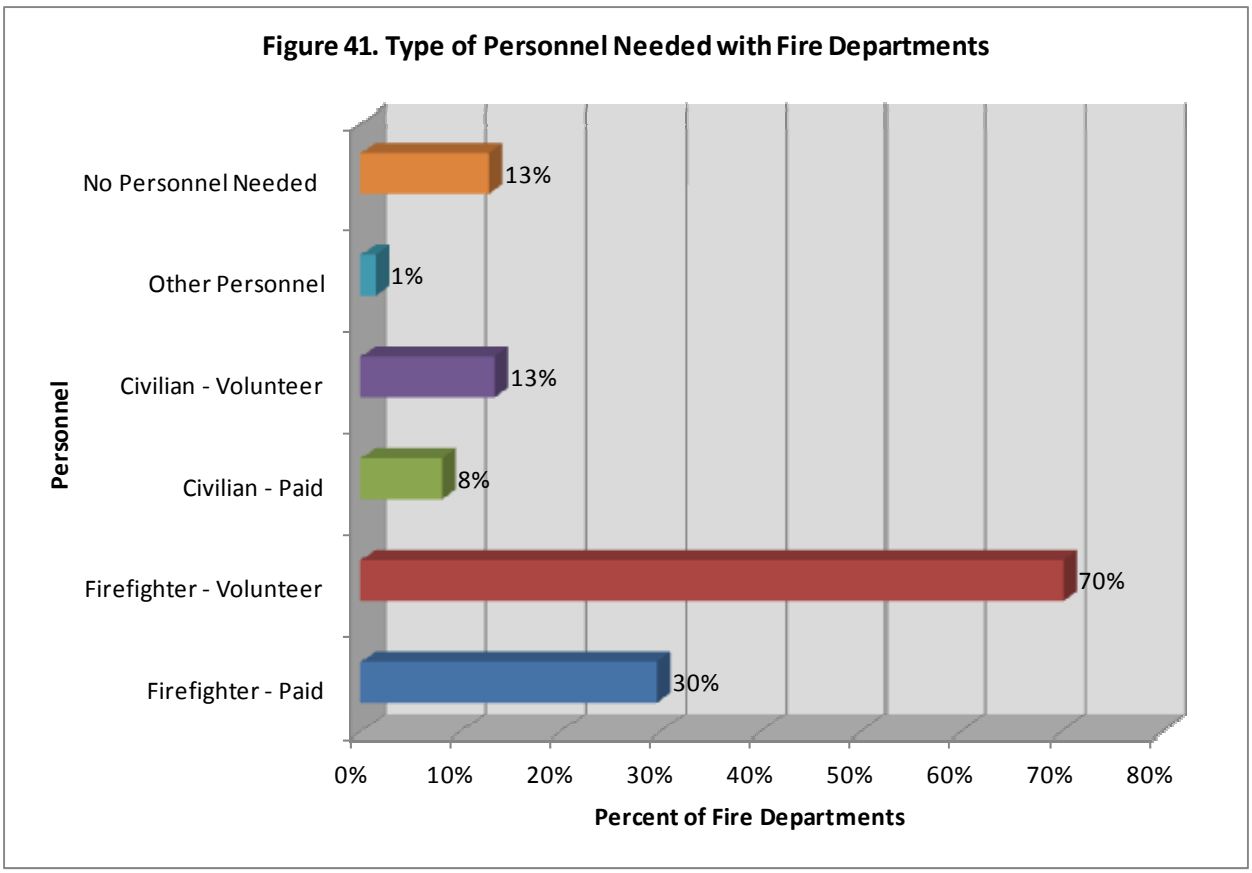


Table 24. Number of Personnel Needed Reported By VDFP Division

VDFP Division	Firefighter - Paid	Firefighter - Volunteer	Civilian - Paid	Civilian - Volunteer	Other Personnel
Division 1 - Richmond	318	784	32	9	12
Division 2 - Orange	179	646	2	66	12
Division 3 - Farmville	169	578	1	71	1
Division 4 - Chilhowie	107	561	3	56	0
Division 5 - Hampton	297	235	15	47	1
Division 6 - Roanoke	126	793	5	80	8
Division 7 - Fairfax	179	670	21	284	0
Grand Total	**1,375**	**4,267**	**79**	**613**	**34**

Training Needed

NFPA Standards

Training is essential in keeping firefighters prepared for an emergency crisis. Fifty-seven percent (57%) of fire departments requested Fire Fighter - Level I training as their #1 top priority. (See Table 25.) Fire Fighter - Level II was the #2 top training priority selected by fire departments and Fire Apparatus Driver / Operator - Driver / Pump Operator was the #3 top priority. 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.

Table 25. Top Priority Training Needs Reported By Fire Department

Training Area and Level	#1 Top Training Priority	#2 Top Training Priority	#3 Top Training Priority
Fire Fighter (NFPA 1001) - Level I	57.4%	4.9%	2.9%
Fire Fighter (NFPA 1001) - Level II	11.6%	33.0%	11.3%
Fire Apparatus Driver / Operator (NFPA 1002) - Driver / Pump Operator	10.7%	26.1%	24.3%
Fire Apparatus Driver / Operator (NFPA 1002) - Aerial Operator	2.6%	2.9%	5.2%
Airport Fire Fighter (NFPA 1003)	0.3%	0.3%	0.3%
Fire Officer (NFPA 1021) - Level I	6.1%	8.4%	9.6%
Fire Officer (NFPA 1021) - Level II	1.4%	2.6%	2.6%
Fire Officer (NFPA 1021) - Level III	1.2%	1.2%	1.7%
Fire Officer (NFPA 1021) - Level IV	0.9%	0.3%	0.3%
Fire Inspector (NFPA 1031) - Level I and Level II	0.9%	0.9%	0.9%
Fire Investigator (NFPA 1033)	0.0%	1.2%	1.4%
Fire Service Instructor (NFPA 1041) - Level I	1.7%	3.8%	4.9%
Fire Service Instructor (NFPA 1041) - Level II	0.6%	1.4%	2.3%
Fire Service Instructor (NFPA 1041) - Level III	0.3%	0.3%	2.3%
Public Fire and Life Safety Educator (NFPA 1035) - Level I	0.0%	0.9%	2.6%
Public Fire and Life Safety Educator (NFPA 1035) - Level II	0.0%	0.0%	0.3%
Juvenile Firesetter Intervention Specialist (NFPA 1035) - Level I	0.0%	0.9%	0.6%
Juvenile Firesetter Intervention Specialist (NFPA 1035) - Level II	0.0%	0.0%	0.3%
National Incident Management System (NIMS) Training	1.4%	2.6%	8.7%
Virginia Fire Incident Reporting System (VFIRS) Training	1.2%	0.9%	4.3%
Wildland Firefighting Training	0.9%	6.4%	9.0%
No Training Currently Needed	0.9%	1.2%	4.1%

Technical Rescue

Thirty-five percent (35%) of fire departments requested Introduction to Technical Rescue - Module I training as their #1 top priority with technical rescue. (See Table 26.) Introduction to Technical Rescue - Module II was the #2 top training priority selected by fire departments and Vehicle - Level I was the #3 top priority.

Table 26. Top Priority Technical Rescue Training Needs Reported By Fire Department

Training Area and Level	#1 Top Training Priority	#2 Top Training Priority	#3 Top Training Priority
Introduction to Technical Rescue - Module I	35.4%	7.0%	10.1%
Introduction to Technical Rescue - Module II	4.3%	21.4%	3.8%
Rope - Level I	13.9%	9.3%	11.6%
Rope - Level II	0.6%	4.6%	3.5%
Confined Space - Level I	3.2%	7.2%	10.4%
Confined Space - Level II	0.9%	3.5%	2.0%
Trench - Level I	1.4%	2.9%	6.7%
Trench - Level II	0.6%	1.7%	1.4%
Surface Water - Level I	3.2%	6.4%	10.7%
Surface Water - Level II	0.6%	2.3%	1.4%
Vehicle - Level I	29.3%	10.4%	20.6%
Vehicle - Level II	3.8%	19.7%	11.6%
No Technical Rescue Training Currently Needed	2.9%	3.5%	6.1%

Note: Data was compiled from a total of 345 survey responses submitted by fire departments in Virginia. Percentages shown may not add to totals due to rounding.

Supplemental Table 1. Fire Department Personnel Data Reported By Locality

FIPS	Locality	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	600	1	634	25.0	3	0	3
003	Albemarle County	83	375	0	458	55.0	10	60	70
005	Alleghany County	3	278	0	281	21.4	0	46	46
007	Amelia County	0	142	0	142	12.0	0	0	0
009	Amherst County	20	52	0	72	10.0	1	0	1
011	Appomattox County	0	66	0	66	22.5	0	0	0
013	Arlington County	314	0	0	314	74.0	19	0	19
015	Augusta County	58	450	0	508	50.0	1	251	252
017	Bath County	-	-	-	-	-	-	-	-
019	Bedford County	-	-	-	-	-	-	-	-
021	Bland County	0	75	0	75	6.0	0	34	34
023	Botetourt County	40	260	0	300	10.0	1	0	1
025	Brunswick County	0	92	0	92	14.0	0	47	47
027	Buchanan County	0	168	0	168	8.4	0	44	44
029	Buckingham County	0	115	0	115	131.8	0	103	103
031	Campbell County	35	175	0	210	7.0	2	0	2
033	Caroline County	28	233	0	261	10.0	2	1	3
035	Carroll County	18	111	0	129	6.0	1	3	4
036	Charles City County	0	25	0	25	5.0	0	0	0
037	Charlotte County	0	174	0	174	10.3	0	1	1
041	Chesterfield County	442	109	0	551	113.0	45	0	45
043	Clarke County	-	-	-	-	-	-	-	-
045	Craig County	0	72	0	72	7.8	0	5	5
047	Culpeper County	4	217	0	221	12.7	0	107	107
049	Cumberland County	0	87	0	87	10.0	0	46	46
051	Dickenson County	0	87	0	87	9.0	0	0	0
053	Dinwiddie County	2	225	0	227	10.0	1	0	1
057	Essex County	10	50	0	60	8.0	11	0	11
059	Fairfax County	1,320	320	0	1,640	334.0	170	269	439
061	Fauquier County	75	345	0	420	4.6	8	93	101
063	Floyd County	0	85	0	85	0.0	0	0	0
065	Fluvanna County	0	123	0	123	6.5	0	0	0
067	Franklin County	52	250	2	304	20.0	0	150	150
069	Frederick County	71	222	0	293	14.0	6	259	265
071	Giles County	0	123	0	123	10.0	0	0	0

Supplemental Table 1. Fire Department Personnel Data Reported By Locality

FIPS	Locality	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
073	Gloucester County	0	150	0	150	10.0	1	0	1
075	Goochland County	14	250	0	264	12.0	2	60	62
077	Grayson County	0	75	0	75	9.3	0	29	29
079	Greene County	0	62	0	62	9.5	0	29	29
081	Greensville County *	-	-	-	-	-	-	-	-
083	Halifax County	11	262	0	273	20.0	0	116	116
085	Hanover County	149	1,000	0	1,149	55.0	11	5	16
087	Henrico County	517	0	0	517	118.0	22	0	22
089	Henry County	17	223	0	240	20.0	1	18	19
091	Highland County	0	31	0	31	6.0	0	12	12
093	Isle of Wight County	9	350	83	442	50.0	3	20	23
095	James City County	106	65	0	171	28.0	34	1	35
097	King and Queen County	1	126	0	127	6.6	0	48	48
099	King George County	40	72	0	112	8.0	2	5	7
101	King William County	0	110	0	110	5.0	1	0	1
103	Lancaster County	0	150	0	150	21.0	2	2	4
105	Lee County	0	235	0	235	15.1	0	127	127
107	Loudoun County	450	780	0	1,230	115.0	68	0	68
109	Louisa County	56	101	0	157	20.0	0	0	0
111	Lunenburg County	0	131	0	131	12.7	0	31	31
113	Madison County	0	55	0	55	12.0	0	0	0
115	Mathews County	0	80	0	80	50.0	0	0	0
117	Mecklenburg County	2	236	35	273	15.1	0	51	51
119	Middlesex County	3	116	0	119	11.5	2	55	57
121	Montgomery County	7	162	0	169	8.2	1	21	22
125	Nelson County	30	161	4	195	7.0	0	87	87
127	New Kent County	16	45	0	61	6.0	2	0	2
131	Northampton County	0	119	0	119	7.4	0	27	27
133	Northumberland County	0	92	0	92	25.0	0	15	15
135	Nottoway County	0	113	0	113	13.7	0	37	37
137	Orange County	33	185	0	218	20.0	1	0	1
139	Page County	0	60	0	60	25.0	6	0	6
141	Patrick County	11	218	1	230	9.6	0	44	44
143	Pittsylvania County	0	400	0	400	24.7	0	165	165
145	Powhatan County	0	250	0	250	20.0	1	0	1

Supplemental Table 1. Fire Department Personnel Data Reported By Locality

FIPS	Locality	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
147	Prince Edward County	0	142	0	142	9.8	0	37	37
149	Prince George County	15	206	0	221	20.0	3	25	28
153	Prince William County	472	1,027	0	1,499	122.0	90	0	90
155	Pulaski County	12	197	24	233	42.5	0	0	0
157	Rappahannock County	0	102	0	102	7.2	0	129	129
159	Richmond County	15	115	3	133	9.5	0	0	0
161	Roanoke County	164	296	0	460	31.5	6	120	126
163	Rockbridge County	5	185	0	190	6.9	0	71	71
165	Rockingham County	80	300	0	380	45.0	2	75	77
167	Russell County	0	155	0	155	16.0	0	5	5
169	Scott County	0	153	0	153	5.9	0	22	22
171	Shenandoah County	45	342	0	387	32.0	2	0	2
173	Smyth County	2	152	0	154	14.3	0	25	25
175	Southampton County	0	202	0	202	11.0	0	29	29
177	Spotsylvania County	143	343	0	486	50.0	9	6	15
179	Stafford County	104	250	0	354	36.0	3	1	4
181	Surry County	0	84	0	84	14.7	0	12	12
183	Sussex County	0	128	0	128	5.2	0	25	25
185	Tazewell County	21	234	44	299	7.1	17	53	70
187	Warren County	21	50	0	71	20.0	1	3	4
191	Washington County	12	195	44	251	15.1	0	41	41
193	Westmoreland County	1	119	0	120	10.0	6	27	33
195	Wise County	0	196	0	196	9.4	0	34	34
197	Wythe County	6	138	25	169	17.0	0	71	71
199	York County	135	10	0	145	34.0	6	13	19
510	Alexandria	175	0	0	175	50.0	35	0	35
515	Bedford	0	45	0	45	12.0	0	0	0
520	Bristol	41	0	0	41	10.0	1	0	1
530	Buena Vista	0	50	0	50	15.0	0	6	6
540	Charlottesville	86	0	0	86	19.0	3	0	3
550	Chesapeake	416	6	0	422	99.0	14	2	16
570	Colonial Heights	39	20	0	59	10.0	2	1	3
580	Covington	0	58	0	58	13.0	1	0	1
590	Danville	122	0	0	122	33.0	1	0	1
595	Emporia	-	-	-	-	-	-	-	-

Supplemental Table 1. Fire Department Personnel Data Reported By Locality

FIPS	Locality	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
600	Fairfax	73	35	0	108	21.0	11	62	73
610	Falls Church	33	50	0	83	12.0	0	0	0
620	Franklin	14	30	0	44	11.0	1	0	1
630	Fredericksburg	51	5	0	56	11.0	2	0	2
640	Galax	0	43	0	43	12.0	0	0	0
650	Hampton	256	150	0	406	64.0	11	0	11
660	Harrisonburg	75	0	0	75	17.0	6	2	8
670	Hopewell	43	0	0	43	10.0	2	0	2
678	Lexington	9	75	0	84	6.0	0	0	0
680	Lynchburg	175	0	0	175	52.0	9	0	9
683	Manassas	60	104	0	164	9.5	2	66	68
685	Manassas Park	27	0	0	27	6.0	0	0	0
690	Martinsville	47	22	0	69	7.0	3	0	3
700	Newport News	334	0	0	334	95.0	19	1	20
710	Norfolk	478	0	0	478	113.0	13	0	13
720	Norton	0	0	35	35	0.0	0	0	0
730	Petersburg	80	0	0	80	19.0	17	0	17
735	Poquoson	29	10	0	39	6.0	1	0	1
740	Portsmouth	220	0	0	220	54.0	33	0	33
750	Radford	11	23	0	34	3.0	0	0	0
760	Richmond	410	0	0	410	101.0	18	0	18
770	Roanoke	247	0	0	247	61.0	36	0	36
775	Salem	-	-	-	-	-	-	-	-
790	Staunton	31	4	15	50	11.0	0	0	0
800	Suffolk	248	120	0	368	75.0	4	0	4
810	Virginia Beach	434	7	0	441	103.0	37	964	1,001
820	Waynesboro	32	8	0	40	8.0	1	0	1
830	Williamsburg	33	25	0	58	8.0	2	0	2
840	Winchester	66	22	0	88	13.0	3	0	3
Grand Total		**9,728**	**18,404**	**316**	**28,448**	**18.9**	**874**	**4,452**	**5,326**

* Since Greensville County (FIPS 081) does not currently have fire service in their locality, no fire departments were included in the sample. Emergency response for their area is handled by Emporia Fire Dept. (FDID 59500) and Jarrett Vol. Fire Dept. (FDID 18301).

Supplemental Table 2. Number of Apparatus Owned Reported By Locality

FIPS	Locality	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Support Unit	Command Vehicle (SUV)	Engine / Pumper	Fire Bike	Fire / Rescue Boat	Hazardous Materials (HAZMAT) Vehicle	Heavy Technical Rescue Vehicle	Logistical Support Apparatus	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
001	Accomack County	3	2	20	10	1	23	0	0	2	1	0	0	10	14	0
003	Albemarle County	4	0	14	0	14	18	0	2	1	2	10	0	11	9	0
005	Alleghany County	1	0	9	4	1	16	0	0	2	1	0	1	7	8	6
007	Amelia County	0	0	0	1	1	5	0	0	0	1	0	0	5	5	0
009	Amherst County	1	0	0	1	5	9	0	0	0	0	0	0	2	3	0
011	Appomattox County	1	0	1	0	1	7	0	0	1	1	0	0	2	4	0
013	Arlington County	3	0	12	1	3	13	8	0	1	1	4	0	0	0	6
015	Augusta County	0	0	12	4	15	35	0	0	1	2	0	1	10	2	15
017	Bath County	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
019	Bedford County	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
021	Bland County	0	0	0	0	1	7	0	0	0	0	0	1	4	5	4
023	Botetourt County	0	0	9	1	8	14	0	0	0	0	1	0	6	6	1
025	Brunswick County	0	0	0	1	1	8	0	1	0	1	0	0	3	3	2
027	Buchanan County	1	0	4	3	2	19	0	0	2	1	0	0	12	6	2
029	Buckingham County	0	0	0	1	0	6	0	0	0	2	0	0	5	8	1
031	Campbell County	2	0	26	0	10	16	0	4	2	10	0	1	10	10	0
033	Caroline County	2	0	8	1	2	8	0	1	0	0	1	0	4	7	0
035	Carroll County	0	0	4	2	0	12	0	0	2	1	2	1	5	8	6
036	Charles City County	0	0	2	0	2	3	0	0	0	0	0	0	2	2	2
037	Charlotte County	0	0	1	0	1	9	0	0	0	1	1	0	7	5	7
041	Chesterfield County	8	1	23	1	23	35	4	7	2	2	69	0	3	10	5
043	Clarke County	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
045	Craig County	0	0	2	0	1	7	0	0	1	0	0	1	4	3	3
047	Culpeper County	1	0	8	3	10	12	0	1	0	1	1	0	6	7	7
049	Cumberland County	0	0	0	1	0	6	0	0	0	0	0	0	5	4	0
051	Dickenson County	0	0	0	5	0	9	0	0	0	1	0	0	4	2	1
053	Dinwiddie County	1	0	6	1	6	8	0	2	1	0	0	0	5	5	0
057	Essex County	1	0	4	0	2	4	0	0	0	1	0	0	2	2	0
059	Fairfax County	22	0	53	2	34	54	0	11	3	11	60	0	6	0	3
061	Fauquier County	1	0	20	7	16	18	0	1	1	4	7	0	8	9	13
063	Floyd County	0	0	0	0	4	8	0	0	2	0	0	0	5	8	0
065	Fluvanna County	0	0	0	1	4	8	0	0	2	0	1	1	4	5	3

Supplemental Table 2. Number of Apparatus Owned Reported By Locality

FIPS	Locality	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Support Unit	Command Vehicle (SUV)	Engine / Pumper	Fire Bike	Fire / Rescue Boat	Hazardous Materials (HAZMAT) Vehicle	Heavy Technical Rescue Vehicle	Logistical Support Apparatus	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
067	Franklin County	1	0	23	0	5	15	0	2	1	1	0	0	12	7	2
069	Frederick County	3	0	22	7	7	16	1	3	1	5	4	1	5	9	15
071	Giles County	0	0	0	3	1	11	0	0	0	0	0	0	0	4	1
073	Gloucester County	1	0	9	1	0	9	0	3	0	3	4	2	2	4	1
075	Goochland County	2	0	10	1	3	10	0	3	1	4	0	0	6	6	0
077	Grayson County	0	0	2	0	1	8	0	3	1	1	2	0	6	5	2
079	Greene County	0	0	0	3	1	4	0	0	1	0	0	0	1	2	1
081	Greensville County *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
083	Halifax County	1	0	4	0	6	21	0	1	0	7	1	0	10	12	2
085	Hanover County	4	1	22	2	16	24	0	2	0	1	4	0	6	8	15
087	Henrico County	7	0	20	2	6	26	8	5	2	3	2	0	5	8	15
089	Henry County	1	0	2	1	5	17	0	0	0	0	0	1	8	9	2
091	Highland County	0	0	1	0	0	3	0	0	0	0	0	0	1	3	2
093	Isle of Wight County	3	0	11	1	5	12	0	6	0	2	1	1	3	5	0
095	James City County	1	0	8	0	6	8	4	4	0	2	2	1	1	2	22
097	King and Queen County	0	0	3	0	2	7	0	0	0	1	0	0	5	4	0
099	King George County	1	0	6	0	5	4	0	3	0	1	0	0	3	3	0
101	King William County	0	0	6	0	0	5	0	2	0	0	0	2	4	3	4
103	Lancaster County	1	0	0	0	1	10	0	0	0	0	1	0	5	2	1
105	Lee County	1	0	3	1	1	17	0	0	1	3	0	0	8	10	0
107	Loudoun County	9	0	40	1	7	41	0	5	1	6	7	2	15	14	5
109	Louisa County	3	0	14	5	15	14	0	0	1	1	1	3	6	9	0
111	Lunenburg County	0	0	4	2	2	6	0	0	0	1	1	0	6	4	1
113	Madison County	0	0	0	1	1	3	0	0	0	0	0	0	1	3	0
115	Mathews County	0	0	0	0	0	8	0	0	0	0	0	0	0	1	1
117	Mecklenburg County	2	0	0	3	6	22	0	0	3	0	2	1	8	8	7
119	Middlesex County	1	0	0	1	2	7	0	0	1	1	0	0	6	3	0
121	Montgomery County	2	1	2	5	16	16	0	5	2	0	1	1	9	12	4
125	Nelson County	1	0	12	1	7	18	0	0	0	1	1	0	7	8	7
127	New Kent County	0	0	7	0	1	5	4	1	1	2	2	0	2	3	5
131	Northampton County	1	0	3	3	2	9	0	0	0	1	0	0	7	3	2
133	Northumberland County	0	0	0	0	2	5	0	0	0	0	0	1	4	3	1

Supplemental Table 2. Number of Apparatus Owned Reported By Locality

FIPS	Locality	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Support Unit	Command Vehicle (SUV)	Engine / Pumper	Fire Bike	Fire / Rescue Boat	Hazardous Materials (HAZMAT) Vehicle	Heavy Technical Rescue Vehicle	Logistical Support Apparatus	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
135	Nottoway County	1	0	1	1	1	8	0	0	1	2	2	0	4	3	0
137	Orange County	0	0	6	3	4	5	0	0	0	0	0	2	5	5	0
139	Page County	1	0	12	0	4	6	0	2	1	2	2	2	4	3	0
141	Patrick County	0	0	3	3	1	19	0	0	1	2	0	1	9	10	1
143	Pittsylvania County	1	0	15	2	3	29	0	0	0	2	2	1	22	16	6
145	Powhatan County	0	0	8	0	2	6	0	0	0	0	2	0	5	4	9
147	Prince Edward County	2	0	0	4	3	12	0	0	1	0	0	0	8	5	1
149	Prince George County	2	0	5	0	6	14	0	1	1	1	0	1	4	12	5
153	Prince William County	6	0	54	1	60	36	0	4	2	6	5	1	7	14	0
155	Pulaski County	1	0	0	3	9	17	0	0	1	1	11	1	6	10	7
157	Rappahannock County	1	0	7	1	2	9	0	0	0	0	0	1	5	6	4
159	Richmond County	0	0	0	1	1	3	0	0	0	0	0	0	4	1	2
161	Roanoke County	5	0	24	0	10	25	0	0	0	1	1	0	7	7	19
163	Rockbridge County	1	0	2	6	2	14	0	0	0	0	2	1	6	9	5
165	Rockingham County	3	0	1	1	16	24	0	1	1	1	1	0	10	10	0
167	Russell County	0	0	3	2	5	10	0	1	0	0	0	0	11	4	5
169	Scott County	2	0	4	2	1	17	0	0	2	1	1	1	8	10	5
171	Shenandoah County	3	0	18	1	5	20	0	2	1	3	6	0	2	7	2
173	Smyth County	0	0	3	1	4	15	2	2	0	1	1	3	7	9	5
175	Southampton County	0	0	2	2	0	14	0	0	1	1	1	0	2	5	2
177	Spotsylvania County	2	0	22	0	15	20	0	2	1	3	3	0	5	10	0
179	Stafford County	4	0	25	0	4	24	0	7	1	3	2	1	5	9	3
181	Surry County	0	0	0	1	1	9	0	1	0	0	0	0	5	4	3
183	Sussex County	0	0	0	0	1	12	0	0	1	2	0	0	3	8	2
185	Tazewell County	2	0	11	4	11	26	0	2	3	2	1	0	13	5	7
187	Warren County	2	0	14	0	1	11	0	4	1	0	0	0	0	0	0
191	Washington County	1	0	4	3	9	18	0	0	0	3	2	1	10	10	16
193	Westmoreland County	0	0	0	1	1	8	0	5	0	2	1	1	7	6	7
195	Wise County	0	0	3	3	4	19	0	0	1	2	1	1	4	3	4
197	Wythe County	1	0	0	2	0	16	0	0	1	0	0	0	7	9	3
199	York County	0	0	10	1	2	9	0	1	1	1	0	2	2	2	23
510	Alexandria	4	0	8	0	13	10	0	3	1	1	1	0	0	0	0

Supplemental Table 2. Number of Apparatus Owned Reported By Locality

FIPS	Locality	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Support Unit	Command Vehicle (SUV)	Engine / Pumper	Fire Bike	Fire / Rescue Boat	Hazardous Materials (HAZMAT) Vehicle	Heavy Technical Rescue Vehicle	Logistical Support Apparatus	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
515	Bedford	1	0	0	1	1	3	0	0	0	1	0	0	1	2	0
520	Bristol	1	0	0	3	1	3	0	0	4	3	0	1	0	0	2
530	Buena Vista	0	0	1	0	1	2	0	4	0	0	0	1	1	1	3
540	Charlottesville	2	0	0	1	4	7	0	0	1	0	0	0	0	0	1
550	Chesapeake	4	0	12	1	3	24	0	1	2	1	6	0	0	3	10
570	Colonial Heights	0	0	5	0	7	3	0	2	1	1	0	1	0	1	2
580	Covington	0	0	0	0	3	3	0	0	1	0	2	1	0	1	0
590	Danville	1	0	0	1	3	9	0	0	2	0	3	2	1	1	1
595	Emporia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
600	Fairfax	1	0	4	1	2	4	4	2	0	2	0	0	0	0	6
610	Falls Church	1	0	3	0	1	2	3	0	0	0	2	0	0	0	1
620	Franklin	0	0	4	1	1	3	0	1	0	1	1	1	0	1	0
630	Fredericksburg	2	0	2	1	4	3	0	2	3	0	0	0	0	0	4
640	Galax	2	0	1	1	1	4	0	2	1	1	0	0	1	2	1
650	Hampton	2	0	14	1	13	22	0	2	2	1	2	2	0	1	0
660	Harrisonburg	2	0	0	1	1	8	0	0	1	1	0	0	0	1	4
670	Hopewell	0	0	2	0	1	4	0	1	0	0	0	1	0	0	2
678	Lexington	1	0	4	0	2	3	0	0	0	0	1	0	0	1	3
680	Lynchburg	3	0	9	1	3	11	6	2	1	2	1	0	0	2	0
683	Manassas	2	0	4	1	8	8	0	0	0	1	7	0	0	0	0
685	Manassas Park	0	0	2	2	2	2	0	0	0	0	0	1	0	0	1
690	Martinsville	0	0	3	1	3	2	0	0	0	0	0	1	0	0	0
700	Newport News	3	2	15	0	6	15	0	2	2	5	3	5	0	2	4
710	Norfolk	10	0	17	1	4	20	6	2	1	3	32	0	0	0	42
720	Norton	1	0	0	2	1	2	0	0	1	2	0	0	0	1	0
730	Petersburg	2	0	2	1	1	5	0	1	0	0	0	1	0	1	0
735	Poquoson	0	0	4	0	1	3	0	3	0	0	1	1	0	0	0
740	Portsmouth	3	0	8	0	2	13	2	2	2	1	0	3	0	1	0
750	Radford	1	0	0	0	1	3	0	0	1	0	0	0	0	1	0
760	Richmond	2	0	0	0	7	8	12	0	1	3	4	24	3	3	3
770	Roanoke	5	0	12	0	4	14	0	0	1	1	2	1	2	0	0
775	Salem	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Supplemental Table 2. Number of Apparatus Owned Reported By Locality

FIPS	Locality	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Support Unit	Command Vehicle (SUV)	Engine / Pumper	Fire Bike	Fire / Rescue Boat	Hazardous Materials (HAZMAT) Vehicle	Heavy Technical Rescue Vehicle	Logistical Support Apparatus	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
790	Staunton	1	0	0	0	4	3	0	0	0	1	1	0	0	1	1
800	Suffolk	4	0	11	0	4	22	0	0	0	2	1	0	5	4	0
810	Virginia Beach	8	0	0	1	8	30	0	5	2	4	3	0	3	9	0
820	Waynesboro	1	0	0	0	3	4	0	0	1	0	0	0	0	0	0
830	Williamsburg	1	0	3	0	1	3	6	2	1	0	4	0	0	0	6
840	Winchester	2	0	6	1	4	6	0	0	1	0	1	0	0	0	0
Grand Total		**212**	**7**	**885**	**168**	**617**	**1,544**	**70**	**152**	**100**	**172**	**318**	**91**	**533**	**593**	**448**

* Since Greensville County (FIPS 081) does not currently have fire service in their locality, no fire departments were included in the sample. Emergency response for their area is handled by Emporia Fire Dept. (FDID 59500) and Jarrett Vol. Fire Dept. (FDID 18301).

Supplemental Table 3. Number of Equipment Owned Reported By Locality

FIPS	Locality	4-Gas Monitors	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Safety Systems (PASS)	Personal Protective Equipment (PPE)	Radios w/ Emergency Alert Button	Radios w/o Emergency Alert Button	Self-Contained Breathing Apparatus (SCBA) w/ Integrated PASS	Self-Contained Breathing Apparatus (SCBA) w/o Integrated PASS	Thermal Imaging Cameras	Other Equipment
001	Accomack County	3	1	0	142	300	250	0	142	10	12	0
003	Albemarle County	20	10	0	0	500	480	0	200	0	12	0
005	Alleghany County	10	6	0	62	318	58	128	94	22	11	0
007	Amelia County	6	1	0	30	150	30	0	35	5	5	0
009	Amherst County	6	0	0	0	0	60	0	60	0	7	0
011	Appomattox County	6	6	0	28	85	58	50	28	15	3	0
013	Arlington County	20	80	80	300	700	305	0	300	0	19	0
015	Augusta County	10	0	0	150	150	0	200	50	0	20	0
017	Bath County	-	-	-	-	-	-	-	-	-	-	-
019	Bedford County	-	-	-	-	-	-	-	-	-	-	-
021	Bland County	3	5	0	36	78	0	50	24	18	3	4
023	Botetourt County	7	8	0	0	300	300	0	150	0	7	0
025	Brunswick County	4	0	0	41	105	46	34	53	0	2	0
027	Buchanan County	2	4	1	61	135	33	89	57	32	3	0
029	Buckingham County	4	3	2	46	95	39	59	38	0	4	0
031	Campbell County	8	0	0	0	320	0	320	210	0	12	0
033	Caroline County	17	34	0	0	235	50	0	128	0	12	0
035	Carroll County	4	1	0	96	180	113	46	106	0	5	0
036	Charles City County	0	2	0	0	30	0	10	16	8	1	0
037	Charlotte County	3	2	0	8	173	77	55	59	0	4	0
041	Chesterfield County	39	28	150	0	650	678	0	387	0	50	135
043	Clarke County	-	-	-	-	-	-	-	-	-	-	-
045	Craig County	3	5	0	32	87	10	77	44	4	3	0
047	Culpeper County	15	12	0	106	258	143	10	160	10	13	0
049	Cumberland County	2	5	0	8	62	42	12	37	0	2	0
051	Dickenson County	8	2	0	76	120	36	39	66	0	7	0
053	Dinwiddie County	6	25	0	105	250	145	0	105	0	6	0
057	Essex County	5	0	0	32	50	16	13	32	0	6	0
059	Fairfax County	186	419	269	0	3,100	2,025	0	1,004	0	109	0
061	Fauquier County	29	52	16	41	479	253	0	286	0	22	0
063	Floyd County	6	4	2	35	85	100	0	35	0	5	0
065	Fluvanna County	11	7	0	51	130	0	101	40	11	7	0

Supplemental Table 3. Number of Equipment Owned Reported By Locality

FIPS	Locality	4-Gas Monitors	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Safety Systems (PASS)	Personal Protective Equipment (PPE)	Radios w/ Emergency Alert Button	Radios w/o Emergency Alert Button	Self-Contained Breathing Apparatus (SCBA) w/ Integrated PASS	Self-Contained Breathing Apparatus (SCBA) w/o Integrated PASS	Thermal Imaging Cameras	Other Equipment
067	Franklin County	6	15	12	170	250	70	20	140	30	8	0
069	Frederick County	12	5	0	100	350	50	30	75	30	10	0
071	Giles County	2	0	0	71	131	0	37	63	0	8	0
073	Gloucester County	12	7	0	10	265	179	6	88	10	10	0
075	Goochland County	11	55	55	135	250	110	50	135	0	12	0
077	Grayson County	2	5	1	27	90	13	56	39	0	6	0
079	Greene County	2	0	0	15	60	15	25	39	0	3	0
081	Greensville County *	-	-	-	-	-	-	-	-	-	-	-
083	Halifax County	21	31	1	155	372	251	9	72	182	17	0
085	Hanover County	20	50	12	500	500	200	0	500	0	23	0
087	Henrico County	28	45	45	0	600	383	0	200	0	32	0
089	Henry County	9	1	1	0	240	135	0	121	0	8	0
091	Highland County	0	0	1	0	24	0	40	8	0	0	0
093	Isle of Wight County	5	25	25	100	100	0	160	100	50	5	0
095	James City County	13	6	30	103	215	185	0	103	0	6	0
097	King and Queen County	4	4	0	35	127	83	5	60	0	5	0
099	King George County	9	6	13	0	112	70	0	60	0	6	0
101	King William County	4	10	0	50	130	0	0	50	0	3	0
103	Lancaster County	2	5	0	45	140	0	63	54	12	5	0
105	Lee County	3	4	0	111	198	25	41	95	14	5	0
107	Loudoun County	35	30	126	620	2,500	860	0	0	620	34	0
109	Louisa County	14	10	0	166	200	106	122	166	0	17	0
111	Lunenburg County	5	4	0	20	137	23	115	51	19	5	0
113	Madison County	1	0	0	0	55	9	40	19	4	2	0
115	Mathews County	1	10	0	0	80	40	0	36	0	1	0
117	Mecklenburg County	9	4	0	67	222	14	146	127	6	13	1
119	Middlesex County	5	2	0	66	83	46	44	60	6	7	0
121	Montgomery County	10	7	0	140	174	35	165	132	37	15	14
125	Nelson County	10	12	3	79	161	4	144	97	22	7	0
127	New Kent County	8	0	16	0	45	55	0	50	0	2	0
131	Northampton County	3	0	0	61	134	32	8	63	8	3	0
133	Northumberland County	3	2	0	16	98	0	60	36	0	6	0

Supplemental Table 3. Number of Equipment Owned Reported By Locality

FIPS	Locality	4-Gas Monitors	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Safety Systems (PASS)	Personal Protective Equipment (PPE)	Radios w/ Emergency Alert Button	Radios w/o Emergency Alert Button	Self-Contained Breathing Apparatus (SCBA) w/ Integrated PASS	Self-Contained Breathing Apparatus (SCBA) w/o Integrated PASS	Thermal Imaging Cameras	Other Equipment
135	Nottoway County	3	1	1	17	130	25	67	58	0	3	0
137	Orange County	7	5	0	0	225	0	0	0	0	5	0
139	Page County	5	0	0	40	80	120	0	40	0	5	0
141	Patrick County	10	8	1	56	217	25	87	117	11	11	0
143	Pittsylvania County	15	10	4	146	364	127	254	221	19	18	0
145	Powhatan County	6	0	0	0	250	42	0	49	0	6	0
147	Prince Edward County	9	3	1	78	128	106	18	98	0	10	0
149	Prince George County	14	20	6	200	250	100	0	200	0	16	0
153	Prince William County	100	70	320	0	2,500	1,200	0	1,102	0	64	0
155	Pulaski County	8	7	1	27	270	27	110	147	15	9	0
157	Rappahannock County	13	9	1	57	125	97	16	82	0	4	0
159	Richmond County	0	0	6	0	90	90	0	22	0	2	0
161	Roanoke County	13	37	9	176	645	169	0	176	0	17	0
163	Rockbridge County	13	14	6	74	206	45	113	95	17	15	0
165	Rockingham County	10	6	0	200	480	500	0	200	0	30	0
167	Russell County	8	2	3	37	155	69	54	64	6	8	0
169	Scott County	8	3	1	78	134	36	84	80	24	18	0
171	Shenandoah County	12	1	20	115	300	0	140	115	0	15	0
173	Smyth County	8	1	0	47	184	168	49	87	20	13	0
175	Southampton County	4	7	0	72	198	107	10	88	6	8	1
177	Spotsylvania County	28	0	0	225	580	465	0	225	0	20	0
179	Stafford County	24	12	76	0	400	370	0	0	216	24	0
181	Surry County	7	5	1	47	89	51	10	37	14	4	0
183	Sussex County	3	10	0	56	125	0	79	57	11	2	0
185	Tazewell County	4	5	0	65	329	178	49	154	27	8	0
187	Warren County	12	8	0	75	140	75	75	90	0	6	0
191	Washington County	14	8	0	45	311	109	114	138	8	10	0
193	Westmoreland County	9	0	0	35	134	76	20	77	0	9	0
195	Wise County	7	14	0	73	181	50	75	95	15	8	0
197	Wythe County	11	1	0	33	194	56	140	123	0	9	0
199	York County	12	0	0	0	146	197	0	101	0	14	0
510	Alexandria	20	41	41	0	392	250	0	360	0	8	0

Supplemental Table 3. Number of Equipment Owned Reported By Locality

FIPS	Locality	4-Gas Monitors	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Safety Systems (PASS)	Personal Protective Equipment (PPE)	Radios w/ Emergency Alert Button	Radios w/o Emergency Alert Button	Self-Contained Breathing Apparatus (SCBA) w/ Integrated PASS	Self-Contained Breathing Apparatus (SCBA) w/o Integrated PASS	Thermal Imaging Cameras	Other Equipment
515	Bedford	3	6	3	0	50	60	0	30	0	3	0
520	Bristol	10	6	0	0	41	43	0	45	0	5	0
530	Buena Vista	3	5	5	0	50	0	15	20	0	5	0
540	Charlottesville	10	6	5	0	0	50	0	75	0	14	0
550	Chesapeake	7	9	0	0	550	1,000	5	235	0	23	0
570	Colonial Heights	4	10	15	0	75	40	0	30	0	4	0
580	Covington	2	1	0	31	60	2	30	31	0	2	0
590	Danville	8	8	8	74	240	93	45	74	0	8	0
595	Emporia	-	-	-	-	-	-	-	-	-	-	-
600	Fairfax	3	12	13	215	215	30	0	109	0	10	0
610	Falls Church	3	3	5	26	80	30	0	30	0	0	0
620	Franklin	2	2	0	25	60	60	0	25	0	3	0
630	Fredericksburg	8	2	10	46	60	62	20	46	0	4	0
640	Galax	1	1	2	25	44	0	0	25	0	7	0
650	Hampton	18	24	85	0	406	364	0	170	0	18	0
660	Harrisonburg	9	5	12	45	150	45	0	45	0	23	0
670	Hopewell	0	0	2	43	43	15	0	25	6	6	0
678	Lexington	2	12	12	0	60	58	0	35	0	4	0
680	Lynchburg	6	20	20	0	0	100	0	108	0	11	0
683	Manassas	13	5	27	80	310	106	0	160	0	8	0
685	Manassas Park	3	6	6	26	56	25	0	26	0	2	0
690	Martinsville	3	0	0	0	40	40	0	36	0	2	0
700	Newport News	15	17	74	212	350	385	0	204	0	27	0
710	Norfolk	6	94	94	203	571	232	105	203	36	17	0
720	Norton	1	2	0	0	70	28	0	18	0	5	0
730	Petersburg	4	0	6	0	101	74	0	47	0	1	0
735	Poquoson	2	0	0	0	40	41	0	36	0	2	0
740	Portsmouth	8	21	29	0	220	107	0	131	0	16	0
750	Radford	2	2	0	0	35	0	20	38	0	3	0
760	Richmond	10	65	80	0	980	357	0	297	0	11	0
770	Roanoke	3	3	52	0	300	132	0	132	0	10	0
775	Salem	-	-	-	-	-	-	-	-	-	-	-

Supplemental Table 3. Number of Equipment Owned Reported By Locality

FIPS	Locality	4-Gas Monitors	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Safety Systems (PASS)	Personal Protective Equipment (PPE)	Radios w/ Emergency Alert Button	Radios w/o Emergency Alert Button	Self-Contained Breathing Apparatus (SCBA) w/ Integrated PASS	Self-Contained Breathing Apparatus (SCBA) w/o Integrated PASS	Thermal Imaging Cameras	Other Equipment
790	Staunton	4	8	8	40	50	36	0	40	0	5	0
800	Suffolk	15	4	13	300	300	230	22	151	0	7	0
810	Virginia Beach	14	71	67	169	500	465	0	388	0	42	0
820	Waynesboro	4	4	0	41	70	36	5	41	0	6	0
830	Williamsburg	3	7	0	30	70	55	0	30	0	5	0
840	Winchester	14	1	0	44	102	0	40	40	0	6	0
Grand Total		**1,352**	**1,827**	**2,012**	**8,097**	**33,469**	**17,671**	**4,550**	**14,459**	**1,636**	**1,380**	**155**

* Since Greensville County (FIPS 081) does not currently have fire service in their locality, no fire departments were included in the sample. Emergency response for their area is handled by Emporia Fire Dept. (FDID 59500) and Jarrett Vol. Fire Dept. (FDID 18301).

Supplemental Table 4. #1 Top Need / Total Additional Funding Needed Reported By Locality

FIPS	Locality	Apparatus	Equipment	Facilities	Personnel	Training	2010 Census Population	Total Additional Funding	Total Funding Per Capita
001	Accomack County	0%	0%	0%	100%	0%	33,164	$1,175,000	$35.43
003	Albemarle County	0%	0%	0%	100%	0%	98,970	$9,700,000	$98.01
005	Alleghany County	0%	29%	43%	29%	0%	16,250	$4,987,000	$306.89
007	Amelia County	0%	0%	0%	0%	100%	12,690	$435,000	$34.28
009	Amherst County	0%	0%	0%	100%	0%	32,353	$3,245,000	$100.30
011	Appomattox County	0%	50%	0%	0%	50%	14,973	$805,000	$53.76
013	Arlington County	0%	0%	0%	100%	0%	207,627	$0	$0.00
015	Augusta County	0%	0%	0%	100%	0%	73,750	$2,900,000	$39.32
017	Bath County	-	-	-	-	-	4,731	-	-
019	Bedford County	-	-	-	-	-	68,676	-	-
021	Bland County	0%	33%	33%	17%	17%	6,824	$1,312,000	$192.26
023	Botetourt County	0%	0%	0%	100%	0%	33,148	$7,125,000	$214.95
025	Brunswick County	0%	0%	0%	100%	0%	17,434	$1,458,500	$83.66
027	Buchanan County	13%	13%	13%	50%	13%	24,098	$3,027,500	$125.63
029	Buckingham County	75%	0%	25%	0%	0%	17,146	$1,214,000	$70.80
031	Campbell County	0%	0%	0%	100%	0%	54,842	$0	$0.00
033	Caroline County	0%	0%	0%	100%	0%	28,545	$35,950,000	$1,259.41
035	Carroll County	25%	50%	0%	0%	25%	30,042	$2,821,000	$93.90
036	Charles City County	0%	0%	0%	100%	0%	7,256	$577,000	$79.52
037	Charlotte County	17%	33%	33%	17%	0%	12,586	$3,833,000	$304.54
041	Chesterfield County	100%	0%	0%	0%	0%	316,236	$16,122,000	$50.98
043	Clarke County	-	-	-	-	-	14,034	-	-
045	Craig County	20%	40%	0%	20%	20%	5,190	$863,000	$166.28
047	Culpeper County	14%	0%	29%	57%	0%	46,689	$6,008,000	$128.68
049	Cumberland County	33%	33%	33%	0%	0%	10,052	$954,000	$94.91
051	Dickenson County	25%	25%	25%	25%	0%	15,903	$2,093,000	$131.61
053	Dinwiddie County	0%	0%	0%	100%	0%	28,001	$2,650,000	$94.64
057	Essex County	0%	0%	0%	50%	50%	11,151	$895,000	$80.26
059	Fairfax County	0%	0%	0%	100%	0%	1,081,726	$11,000,000	$10.17
061	Fauquier County	9%	0%	27%	64%	0%	65,203	$23,025,050	$353.13
063	Floyd County	100%	0%	0%	0%	0%	15,279	$110,000	$7.20
065	Fluvanna County	0%	0%	0%	100%	0%	25,691	$1,355,000	$52.74
067	Franklin County	0%	0%	100%	0%	0%	56,159	$28,050,000	$499.47
069	Frederick County	0%	0%	0%	100%	0%	78,305	$7,305,000	$93.29
071	Giles County	0%	50%	25%	25%	0%	17,286	$1,047,000	$60.57
073	Gloucester County	0%	0%	0%	50%	50%	36,858	$617,250	$16.75
075	Goochland County	0%	0%	0%	100%	0%	21,717	$3,950,000	$181.89

Supplemental Table 4. #1 Top Need / Total Additional Funding Needed Reported By Locality

FIPS	Locality	Apparatus	Equipment	Facilities	Personnel	Training	2010 Census Population	Total Additional Funding	Total Funding Per Capita
077	Grayson County	0%	33%	0%	33%	33%	15,533	$760,000	$48.93
079	Greene County	100%	0%	0%	0%	0%	18,403	$6,342,000	$344.62
081	Greensville County *	-	-	-	-	-	12,243	-	-
083	Halifax County	50%	50%	0%	0%	0%	36,241	$2,120,000	$58.50
085	Hanover County	0%	0%	100%	0%	0%	99,863	$2,050,000	$20.53
087	Henrico County	0%	0%	0%	100%	0%	306,935	$2,100,000	$6.84
089	Henry County	0%	0%	0%	100%	0%	54,151	$3,210,000	$59.28
091	Highland County	0%	100%	0%	0%	0%	2,321	$16,000	$6.89
093	Isle of Wight County	100%	0%	0%	0%	0%	35,270	$14,700,000	$416.78
095	James City County	0%	0%	0%	100%	0%	67,009	$830,000	$12.39
097	King and Queen County	0%	40%	20%	40%	0%	6,945	$1,937,500	$278.98
099	King George County	0%	0%	0%	100%	0%	23,584	$9,325,000	$395.40
101	King William County	0%	0%	0%	100%	0%	15,935	$745,000	$46.75
103	Lancaster County	0%	33%	33%	0%	33%	11,391	$575,000	$50.48
105	Lee County	20%	20%	20%	20%	20%	25,587	$1,882,500	$73.57
107	Loudoun County	0%	0%	0%	100%	0%	312,311	$2,900,000	$9.29
109	Louisa County	0%	0%	0%	0%	100%	33,153	$1,200,000	$36.20
111	Lunenburg County	33%	0%	0%	33%	33%	12,914	$815,000	$63.11
113	Madison County	0%	0%	0%	0%	100%	13,308	$0	$0.00
115	Mathews County	0%	0%	100%	0%	0%	8,978	$725,000	$80.75
117	Mecklenburg County	25%	13%	13%	25%	25%	32,727	$1,701,500	$51.99
119	Middlesex County	100%	0%	0%	0%	0%	10,959	$2,445,000	$223.10
121	Montgomery County	20%	40%	0%	0%	40%	94,392	$1,505,000	$15.94
125	Nelson County	0%	14%	29%	43%	14%	15,020	$4,080,000	$271.64
127	New Kent County	100%	0%	0%	0%	0%	18,429	$2,100,000	$113.95
131	Northampton County	0%	20%	20%	60%	0%	12,389	$5,535,000	$446.77
133	Northumberland County	0%	0%	50%	0%	50%	12,330	$846,000	$68.61
135	Nottoway County	33%	0%	0%	33%	33%	15,853	$56,000	$3.53
137	Orange County	0%	0%	0%	0%	100%	33,481	$4,020,000	$120.07
139	Page County	0%	0%	0%	100%	0%	24,042	$3,030,000	$126.03
141	Patrick County	22%	11%	22%	11%	33%	18,490	$2,372,000	$128.29
143	Pittsylvania County	19%	25%	6%	38%	13%	63,506	$4,382,000	$69.00
145	Powhatan County	0%	100%	0%	0%	0%	28,046	$0	$0.00
147	Prince Edward County	0%	20%	0%	20%	60%	23,368	$953,000	$40.78
149	Prince George County	0%	0%	0%	100%	0%	35,725	$6,160,000	$172.43
153	Prince William County	0%	0%	0%	100%	0%	402,002	$33,000,000	$82.09
155	Pulaski County	0%	0%	100%	0%	0%	34,872	$6,232,000	$178.71

Supplemental Table 4. #1 Top Need / Total Additional Funding Needed Reported By Locality

FIPS	Locality	Apparatus	Equipment	Facilities	Personnel	Training	2010 Census Population	Total Additional Funding	Total Funding Per Capita
157	Rappahannock County	0%	0%	17%	83%	0%	7,373	$91,567,000	$12,419.23
159	Richmond County	0%	0%	100%	0%	0%	9,254	$2,495,000	$269.61
161	Roanoke County	0%	0%	0%	100%	0%	92,376	$16,504,000	$178.66
163	Rockbridge County	38%	25%	0%	38%	0%	22,307	$2,430,000	$108.93
165	Rockingham County	0%	0%	100%	0%	0%	76,314	$1,925,000	$25.22
167	Russell County	17%	50%	0%	33%	0%	28,897	$1,612,000	$55.78
169	Scott County	0%	43%	0%	29%	29%	23,177	$1,234,500	$53.26
171	Shenandoah County	0%	0%	0%	100%	0%	41,993	$1,340,000	$31.91
173	Smyth County	14%	29%	29%	14%	14%	32,208	$5,699,500	$176.96
175	Southampton County	0%	0%	33%	17%	50%	18,570	$2,203,500	$118.66
177	Spotsylvania County	0%	0%	0%	100%	0%	122,397	$5,000,000	$40.85
179	Stafford County	100%	0%	0%	0%	0%	128,961	$1,300,000	$10.08
181	Surry County	33%	0%	0%	0%	67%	7,058	$355,000	$50.30
183	Sussex County	0%	20%	0%	20%	60%	12,087	$1,383,000	$114.42
185	Tazewell County	21%	14%	21%	29%	14%	45,078	$6,451,600	$143.12
187	Warren County	0%	0%	0%	100%	0%	37,575	$7,700,000	$204.92
191	Washington County	13%	13%	0%	25%	50%	54,876	$5,163,157	$94.09
193	Westmoreland County	50%	50%	0%	0%	0%	17,454	$2,674,000	$153.20
195	Wise County	43%	14%	14%	14%	14%	41,452	$4,881,500	$117.76
197	Wythe County	0%	0%	33%	0%	67%	29,235	$7,374,000	$252.23
199	York County	0%	0%	0%	100%	0%	65,464	$8,085,000	$123.50
510	Alexandria	100%	0%	0%	0%	0%	139,966	$0	$0.00
515	Bedford	0%	0%	0%	100%	0%	6,222	$150,000	$24.11
520	Bristol	0%	0%	0%	100%	0%	17,835	$260,000	$14.58
530	Buena Vista	0%	0%	0%	0%	100%	6,650	$485,000	$72.93
540	Charlottesville	0%	0%	0%	0%	100%	43,475	$0	$0.00
550	Chesapeake	0%	0%	100%	0%	0%	222,209	$15,600,000	$70.20
570	Colonial Heights	0%	0%	0%	100%	0%	17,411	$6,100,000	$350.35
580	Covington	100%	0%	0%	0%	0%	5,961	$725,000	$121.62
590	Danville	0%	0%	0%	100%	0%	43,055	$1,000,000	$23.23
595	Emporia	-	-	-	-	-	5,927	-	-
600	Fairfax	0%	0%	100%	0%	0%	22,565	$2,450,000	$108.58
610	Falls Church	0%	0%	0%	0%	100%	12,332	$1,810,000	$146.77
620	Franklin	0%	0%	0%	100%	0%	8,582	$570,000	$66.42
630	Fredericksburg	0%	0%	0%	100%	0%	24,286	$4,900,000	$201.76
640	Galax	0%	0%	0%	100%	0%	7,042	$610,000	$86.62
650	Hampton	0%	0%	0%	100%	0%	137,436	$6,900,000	$50.21

Supplemental Table 4. #1 Top Need / Total Additional Funding Needed Reported By Locality

FIPS	Locality	Apparatus	Equipment	Facilities	Personnel	Training	2010 Census Population	Total Additional Funding	Total Funding Per Capita
660	Harrisonburg	100%	0%	0%	0%	0%	48,914	$500,000	$10.22
670	Hopewell	0%	0%	0%	100%	0%	22,591	$1,518,000	$67.19
678	Lexington	0%	0%	0%	100%	0%	7,042	$785,000	$111.47
680	Lynchburg	0%	0%	100%	0%	0%	75,568	$7,600,000	$100.57
683	Manassas	100%	0%	0%	0%	0%	37,821	$19,875,000	$525.50
685	Manassas Park	0%	0%	0%	100%	0%	14,273	$850,000	$59.55
690	Martinsville	0%	0%	100%	0%	0%	13,821	$475,000	$34.37
700	Newport News	0%	0%	0%	100%	0%	180,719	$6,250,000	$34.58
710	Norfolk	0%	0%	0%	100%	0%	242,803	$11,502,650	$47.37
720	Norton	0%	0%	100%	0%	0%	3,958	$6,520,000	$1,647.30
730	Petersburg	100%	0%	0%	0%	0%	32,420	$49,100,000	$1,514.50
735	Poquoson	0%	0%	0%	100%	0%	12,150	$650,000	$53.50
740	Portsmouth	0%	100%	0%	0%	0%	95,535	$1,750,000	$18.32
750	Radford	0%	0%	0%	100%	0%	16,408	$665,000	$40.53
760	Richmond	0%	0%	100%	0%	0%	204,214	$16,200,000	$79.33
770	Roanoke	0%	0%	0%	0%	100%	97,032	$7,950,000	$81.93
775	Salem	-	-	-	-	-	24,802	-	-
790	Staunton	0%	0%	0%	100%	0%	23,746	$640,000	$26.95
800	Suffolk	0%	0%	100%	0%	0%	84,585	$12,300,000	$145.42
810	Virginia Beach	0%	0%	0%	100%	0%	437,994	$15,600,000	$35.62
820	Waynesboro	0%	0%	0%	100%	0%	21,006	$4,075,000	$193.99
830	Williamsburg	0%	0%	0%	100%	0%	14,068	$120,000	$8.53
840	Winchester	0%	0%	0%	100%	0%	26,203	$1,095,000	$41.79
Grand Total		**16%**	**16%**	**16%**	**36%**	**17%**	**8,001,024**	**$702,218,207**	**$87.77**

* Since Greensville County (FIPS 081) does not currently have fire service in their locality, no fire departments were included in the sample. Emergency response for their area is handled by Emporia Fire Dept. (FDID 59500) and Jarrett Vol. Fire Dept. (FDID 18301).

Supplemental Table 5. Number of Apparatus Needed Reported By Locality

FIPS	Locality	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Support Unit	Command Vehicle (SUV)	Engine / Pumper	Fire Bike	Fire / Rescue Boat	Hazardous Materials (HAZMAT) Vehicle	Heavy Technical Rescue Vehicle	Logistical Support Apparatus	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
001	Accomack County	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0
003	Albemarle County	0	0	2	0	2	3	0	0	0	0	0	0	0	0	0
005	Alleghany County	0	0	2	0	0	2	0	0	0	0	0	0	2	2	0
007	Amelia County	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
009	Amherst County	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
011	Appomattox County	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
013	Arlington County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
015	Augusta County	2	0	10	0	0	0	0	0	0	0	0	0	0	0	0
017	Bath County	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
019	Bedford County	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
021	Bland County	0	0	0	1	2	0	0	1	1	1	0	0	2	3	0
023	Botetourt County	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0
025	Brunswick County	0	0	0	0	0	3	0	0	1	0	0	0	2	3	0
027	Buchanan County	1	0	0	0	2	5	0	0	1	0	0	0	2	3	0
029	Buckingham County	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0
031	Campbell County	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
033	Caroline County	0	0	1	0	0	2	0	1	0	0	0	1	0	0	0
035	Carroll County	0	0	1	0	1	3	0	0	1	0	0	0	0	1	0
036	Charles City County	0	0	1	0	0	2	0	0	0	1	0	0	1	0	0
037	Charlotte County	1	0	1	2	1	4	0	0	2	1	0	0	1	2	1
041	Chesterfield County	1	1	0	0	0	2	0	0	0	0	0	0	3	3	1
043	Clarke County	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
045	Craig County	0	0	1	0	0	2	0	0	0	0	0	0	2	3	1
047	Culpeper County	2	1	3	0	3	2	0	0	0	1	0	0	2	3	1
049	Cumberland County	0	0	0	0	3	0	0	1	0	0	0	0	1	2	0
051	Dickenson County	0	0	0	1	3	3	0	0	0	2	0	1	1	2	0
053	Dinwiddie County	0	0	0	0	0	3	0	1	0	1	0	0	0	0	0
057	Essex County	1	0	2	0	0	0	0	0	0	0	0	0	0	2	0
059	Fairfax County	2	0	3	2	0	3	0	0	0	2	0	0	0	0	0
061	Fauquier County	1	0	7	3	5	4	0	0	1	0	1	0	1	0	1
063	Floyd County	0	0	0	0	1	3	0	0	0	0	0	0	4	0	8
065	Fluvanna County	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0

Supplemental Table 5. Number of Apparatus Needed Reported By Locality

FIPS	Locality	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Support Unit	Command Vehicle (SUV)	Engine / Pumper	Fire Bike	Fire / Rescue Boat	Hazardous Materials (HAZMAT) Vehicle	Heavy Technical Rescue Vehicle	Logistical Support Apparatus	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
067	Franklin County	1	0	4	3	3	4	0	1	1	1	1	2	6	5	0
069	Frederick County	0	1	2	0	3	2	0	0	0	0	0	0	1	0	0
071	Giles County	0	0	0	1	0	1	0	0	0	0	0	0	1	1	0
073	Gloucester County	0	0	1	0	1	1	0	1	0	0	0	0	0	0	0
075	Goochland County	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0
077	Grayson County	0	0	1	0	0	0	0	0	0	1	0	0	0	2	0
079	Greene County	1	0	0	1	1	0	0	0	0	0	0	0	0	1	0
081	Greensville County *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
083	Halifax County	1	0	2	0	0	3	0	0	0	1	0	0	2	0	0
085	Hanover County	0	0	0	0	0	2	0	0	0	0	0	0	4	4	0
087	Henrico County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
089	Henry County	1	0	1	0	1	1	0	0	0	1	1	1	1	1	0
091	Highland County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
093	Isle of Wight County	1	0	3	1	2	2	0	2	1	1	1	2	1	1	0
095	James City County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
097	King and Queen County	0	1	2	0	0	0	0	1	0	1	0	0	2	5	0
099	King George County	0	0	1	0	0	2	0	0	0	0	0	1	0	1	0
101	King William County	0	0	2	0	1	0	0	1	0	0	0	0	1	0	0
103	Lancaster County	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0
105	Lee County	0	0	1	0	2	3	0	0	0	2	0	0	6	4	0
107	Loudoun County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109	Louisa County	0	0	2	0	0	0	0	1	1	1	1	0	1	0	0
111	Lunenburg County	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
113	Madison County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	Mathews County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117	Mecklenburg County	0	0	0	0	0	2	0	1	0	0	0	0	0	2	1
119	Middlesex County	0	0	0	0	2	2	0	1	0	1	0	1	4	2	0
121	Montgomery County	1	0	0	2	0	2	0	0	0	0	0	1	1	2	1
125	Nelson County	0	0	1	1	4	5	0	1	0	0	1	0	3	5	2
127	New Kent County	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0
131	Northampton County	0	0	0	1	1	2	0	0	0	1	0	2	1	3	0
133	Northumberland County	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0

Supplemental Table 5. Number of Apparatus Needed Reported By Locality

FIPS	Locality	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Support Unit	Command Vehicle (SUV)	Engine / Pumper	Fire Bike	Fire / Rescue Boat	Hazardous Materials (HAZMAT) Vehicle	Heavy Technical Rescue Vehicle	Logistical Support Apparatus	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
135	Nottoway County	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
137	Orange County	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0
139	Page County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	Patrick County	1	0	0	0	2	4	0	0	0	1	0	0	3	1	1
143	Pittsylvania County	1	0	3	0	2	3	0	0	0	0	0	1	3	6	41
145	Powhatan County	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Prince Edward County	0	0	0	1	1	1	0	1	0	0	0	0	0	2	0
149	Prince George County	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
153	Prince William County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155	Pulaski County	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
157	Rappahannock County	0	0	1	2	1	1	0	1	0	0	0	0	2	2	0
159	Richmond County	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0
161	Roanoke County	2	0	0	1	0	0	0	0	0	0	1	0	0	2	0
163	Rockbridge County	0	0	1	0	2	2	0	1	0	0	0	0	3	2	1
165	Rockingham County	1	0	3	0	0	0	0	0	0	0	0	0	0	1	0
167	Russell County	1	0	0	0	1	2	0	0	0	0	0	0	3	3	1
169	Scott County	0	0	2	0	1	2	0	2	1	0	0	0	1	2	1
171	Shenandoah County	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
173	Smyth County	1	0	0	1	2	2	0	0	0	2	0	2	3	0	0
175	Southampton County	0	0	1	1	1	3	0	0	0	1	1	0	2	0	2
177	Spotsylvania County	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0
179	Stafford County	2	0	5	1	2	2	0	2	0	1	1	1	0	2	0
181	Surry County	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0
183	Sussex County	2	0	0	0	2	1	0	0	0	1	0	1	0	1	1
185	Tazewell County	1	0	1	1	3	5	0	2	0	1	0	0	4	3	2
187	Warren County	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
191	Washington County	2	0	1	1	2	2	0	1	0	2	0	2	2	1	0
193	Westmoreland County	1	0	0	1	1	2	0	2	0	1	0	0	0	2	0
195	Wise County	2	0	1	0	2	4	0	0	1	1	0	1	2	1	1
197	Wythe County	0	0	0	0	2	1	0	0	0	0	0	0	1	2	1
199	York County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
510	Alexandria	2	0	2	0	0	4	0	1	0	0	0	0	0	0	0

Supplemental Table 5. Number of Apparatus Needed Reported By Locality

FIPS	Locality	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Support Unit	Command Vehicle (SUV)	Engine / Pumper	Fire Bike	Fire / Rescue Boat	Hazardous Materials (HAZMAT) Vehicle	Heavy Technical Rescue Vehicle	Logistical Support Apparatus	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
515	Bedford	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
520	Bristol	0	0	0	2	1	0	0	0	0	1	0	0	0	0	0
530	Buena Vista	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
540	Charlottesville	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
550	Chesapeake	1	0	0	0	0	2	0	2	0	1	2	0	0	3	0
570	Colonial Heights	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
580	Covington	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0
590	Danville	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
595	Emporia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
600	Fairfax	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0
610	Falls Church	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0
620	Franklin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
630	Fredericksburg	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0
640	Galax	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
650	Hampton	0	0	0	0	0	0	0	1	1	0	1	0	1	0	0
660	Harrisonburg	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
670	Hopewell	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
678	Lexington	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
680	Lynchburg	1	0	2	0	1	3	0	0	0	0	0	0	0	0	0
683	Manassas	2	0	0	0	1	3	0	0	0	1	0	0	0	0	0
685	Manassas Park	0	0	1	0	2	1	0	0	0	0	0	1	0	0	0
690	Martinsville	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
700	Newport News	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0
710	Norfolk	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
720	Norton	1	0	0	0	0	2	0	0	1	1	0	0	0	1	0
730	Petersburg	1	0	3	1	2	3	0	0	1	1	1	1	0	1	0
735	Poquoson	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0
740	Portsmouth	1	0	1	1	1	0	0	0	1	0	0	0	0	0	0
750	Radford	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
760	Richmond	0	0	0	0	0	22	12	0	0	0	0	0	0	0	0
770	Roanoke	0	0	2	0	3	1	0	0	1	0	0	0	0	0	0
775	Salem	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Supplemental Table 5. Number of Apparatus Needed Reported By Locality

FIPS	Locality	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Support Unit	Command Vehicle (SUV)	Engine / Pumper	Fire Bike	Fire / Rescue Boat	Hazardous Materials (HAZMAT) Vehicle	Heavy Technical Rescue Vehicle	Logistical Support Apparatus	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
790	Staunton	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
800	Suffolk	0	0	2	0	0	1	0	0	0	0	0	1	0	0	0
810	Virginia Beach	1	0	0	1	0	2	0	1	0	0	1	0	0	2	0
820	Waynesboro	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
830	Williamsburg	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
840	Winchester	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Grand Total		**53**	**5**	**101**	**39**	**100**	**183**	**12**	**35**	**20**	**41**	**18**	**24**	**95**	**113**	**77**

* Since Greensville County (FIPS 081) does not currently have fire service in their locality, no fire departments were included in the sample. Emergency response for their area is handled by Emporia Fire Dept. (FDID 59500) and Jarrett Vol. Fire Dept. (FDID 18301).

Supplemental Table 6. Number of Equipment Needed Reported By Locality

FIPS	Locality	4-Gas Monitors	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Safety Systems (PASS)	Personal Protective Equipment (PPE)	Radios w/ Emergency Alert Button	Radios w/o Emergency Alert Button	Self-Contained Breathing Apparatus (SCBA) w/ Integrated PASS	Self-Contained Breathing Apparatus (SCBA) w/o Integrated PASS	Thermal Imaging Cameras	Other Equipment
001	Accomack County	0	0	0	0	0	0	0	0	0	0	0
003	Albemarle County	10	60	50	0	0	0	0	0	0	0	0
005	Alleghany County	6	12	0	5	75	71	16	54	0	5	1
007	Amelia County	0	20	20	0	25	25	0	20	0	0	0
009	Amherst County	4	0	0	0	15	0	0	0	0	0	0
011	Appomattox County	2	1	0	0	30	0	0	34	0	1	2
013	Arlington County	0	0	0	0	314	0	0	0	0	20	0
015	Augusta County	10	0	0	0	0	0	0	0	0	2	0
017	Bath County	-	-	-	-	-	-	-	-	-	-	-
019	Bedford County	-	-	-	-	-	-	-	-	-	-	-
021	Bland County	4	6	3	5	15	15	15	10	0	3	0
023	Botetourt County	6	20	20	0	0	0	0	0	0	0	0
025	Brunswick County	6	12	12	0	50	0	0	20	0	7	0
027	Buchanan County	22	16	10	10	79	60	12	49	4	6	0
029	Buckingham County	1	1	0	10	25	5	20	19	0	3	0
031	Campbell County	0	0	0	0	0	0	0	0	0	0	0
033	Caroline County	1	0	50	0	20	0	0	0	0	12	0
035	Carroll County	6	11	6	0	40	25	20	25	0	4	0
036	Charles City County	3	5	3	0	0	0	15	0	0	2	0
037	Charlotte County	7	11	9	0	38	48	0	18	0	6	2
041	Chesterfield County	35	0	0	0	100	50	0	0	0	0	0
043	Clarke County	-	-	-	-	-	-	-	-	-	-	-
045	Craig County	0	6	4	8	18	0	5	4	0	3	0
047	Culpeper County	7	0	0	0	35	10	0	33	25	5	0
049	Cumberland County	6	2	4	0	21	23	0	10	0	3	0
051	Dickenson County	2	12	14	5	22	27	25	30	0	2	0
053	Dinwiddie County	0	0	45	0	0	0	0	0	0	0	0
057	Essex County	2	2	5	10	10	10	0	10	0	2	0
059	Fairfax County	16	75	0	0	1,000	0	0	0	0	0	0
061	Fauquier County	4	26	48	0	103	20	0	0	0	8	1
063	Floyd County	4	0	2	20	40	20	0	40	0	4	0
065	Fluvanna County	0	0	8	0	53	50	0	0	0	0	0

Supplemental Table 6. Number of Equipment Needed Reported By Locality

FIPS	Locality	4-Gas Monitors	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Safety Systems (PASS)	Personal Protective Equipment (PPE)	Radios w/ Emergency Alert Button	Radios w/o Emergency Alert Button	Self-Contained Breathing Apparatus (SCBA) w/ Integrated PASS	Self-Contained Breathing Apparatus (SCBA) w/o Integrated PASS	Thermal Imaging Cameras	Other Equipment
067	Franklin County	5	5	15	0	50	25	0	80	0	6	0
069	Frederick County	0	30	30	50	10	30	0	50	0	0	0
071	Giles County	5	10	1	25	15	32	17	5	0	2	0
073	Gloucester County	0	2	0	0	0	0	0	9	0	3	0
075	Goochland County	0	0	0	0	0	100	0	0	0	6	0
077	Grayson County	3	3	2	15	45	40	25	15	0	4	0
079	Greene County	2	13	8	0	47	45	0	0	0	3	0
081	Greensville County *	-	-	-	-	-	-	-	-	-	-	-
083	Halifax County	20	0	20	0	10	25	0	24	0	14	0
085	Hanover County	0	0	0	0	0	0	0	500	0	0	0
087	Henrico County	0	0	0	0	0	0	0	0	0	14	20
089	Henry County	6	8	23	0	120	60	0	120	0	4	0
091	Highland County	0	0	0	0	2	0	2	8	0	1	2
093	Isle of Wight County	7	14	10	50	0	200	0	0	0	8	0
095	James City County	0	0	0	0	50	0	0	0	0	0	0
097	King and Queen County	8	5	2	0	59	10	0	41	0	4	1
099	King George County	0	5	3	0	0	100	0	0	0	0	0
101	King William County	0	0	0	0	0	0	0	50	0	1	0
103	Lancaster County	1	6	6	6	30	2	5	32	0	4	0
105	Lee County	16	26	12	24	53	33	0	43	0	8	0
107	Loudoun County	0	0	0	0	0	0	0	0	0	0	0
109	Louisa County	0	0	22	0	0	0	0	0	0	4	1
111	Lunenburg County	2	0	6	0	75	10	0	20	0	2	0
113	Madison County	0	0	0	0	10	0	0	22	0	0	0
115	Mathews County	1	0	0	0	0	0	0	0	0	1	0
117	Mecklenburg County	6	3	1	0	54	32	0	5	0	3	1
119	Middlesex County	7	11	2	15	69	39	12	31	0	5	0
121	Montgomery County	10	24	17	0	25	0	0	87	0	10	10
125	Nelson County	8	13	6	10	65	66	0	46	0	10	0
127	New Kent County	4	10	0	0	10	0	0	10	0	2	0
131	Northampton County	2	1	6	0	46	9	0	22	0	4	0
133	Northumberland County	0	0	5	0	0	0	0	0	0	0	0

Supplemental Table 6. Number of Equipment Needed Reported By Locality

FIPS	Locality	4-Gas Monitors	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Safety Systems (PASS)	Personal Protective Equipment (PPE)	Radios w/ Emergency Alert Button	Radios w/o Emergency Alert Button	Self-Contained Breathing Apparatus (SCBA) w/ Integrated PASS	Self-Contained Breathing Apparatus (SCBA) w/o Integrated PASS	Thermal Imaging Cameras	Other Equipment
135	Nottoway County	2	8	6	0	5	0	0	0	0	1	0
137	Orange County	7	0	0	0	50	0	80	0	0	5	0
139	Page County	0	0	0	0	0	0	0	0	0	0	0
141	Patrick County	10	10	12	0	86	45	10	27	0	5	1
143	Pittsylvania County	11	35	25	0	168	166	20	62	0	12	43
145	Powhatan County	0	30	30	0	0	0	0	0	0	0	0
147	Prince Edward County	6	8	3	0	40	20	0	37	0	6	0
149	Prince George County	0	0	20	0	0	0	0	0	0	5	0
153	Prince William County	0	0	0	0	0	0	0	0	0	0	0
155	Pulaski County	0	1	4	0	0	0	0	1	0	1	0
157	Rappahannock County	3	11	7	0	17	6	0	2	0	3	5
159	Richmond County	4	1	0	0	19	5	0	0	0	2	0
161	Roanoke County	2	4	28	0	6	4	0	0	0	2	0
163	Rockbridge County	4	4	10	0	35	50	0	35	0	1	30
165	Rockingham County	0	0	0	0	50	0	0	25	0	0	0
167	Russell County	5	17	5	5	78	27	29	10	0	4	1
169	Scott County	7	14	10	25	93	35	17	21	2	7	1
171	Shenandoah County	0	40	15	0	0	0	0	20	0	0	0
173	Smyth County	10	25	11	50	40	0	25	98	0	11	0
175	Southampton County	7	11	3	0	60	0	0	21	5	7	0
177	Spotsylvania County	0	75	75	0	0	0	0	0	0	5	0
179	Stafford County	5	10	10	0	100	25	0	216	0	10	0
181	Surry County	2	2	0	4	0	4	0	4	0	1	0
183	Sussex County	7	0	5	0	55	41	0	35	0	7	0
185	Tazewell County	21	27	13	31	61	4	20	52	5	15	0
187	Warren County	16	10	0	0	25	0	0	0	0	5	0
191	Washington County	14	29	23	0	105	92	0	42	0	11	1
193	Westmoreland County	4	12	16	19	71	42	0	56	0	4	0
195	Wise County	8	12	10	0	51	46	0	12	0	4	60
197	Wythe County	8	20	19	15	17	90	33	27	0	3	15
199	York County	0	40	40	0	150	0	0	15	0	8	0
510	Alexandria	0	0	0	0	0	90	0	0	0	0	0

Supplemental Table 6. Number of Equipment Needed Reported By Locality

FIPS	Locality	4-Gas Monitors	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Safety Systems (PASS)	Personal Protective Equipment (PPE)	Radios w/ Emergency Alert Button	Radios w/o Emergency Alert Button	Self-Contained Breathing Apparatus (SCBA) w/ Integrated PASS	Self-Contained Breathing Apparatus (SCBA) w/o Integrated PASS	Thermal Imaging Cameras	Other Equipment
515	Bedford	0	0	6	0	0	50	0	0	0	2	0
520	Bristol	0	0	6	0	0	0	0	0	0	0	0
530	Buena Vista	0	0	0	0	20	25	0	5	0	0	5
540	Charlottesville	0	0	8	0	0	0	0	0	0	0	0
550	Chesapeake	0	35	50	0	0	0	0	0	0	0	0
570	Colonial Heights	3	0	1	0	0	5	0	0	0	4	0
580	Covington	0	0	5	0	0	0	0	0	0	2	0
590	Danville	0	0	2	0	122	0	20	122	0	0	0
595	Emporia	-	-	-	-	-	-	-	-	-	-	-
600	Fairfax	2	0	2	0	0	10	0	0	0	1	0
610	Falls Church	0	0	0	0	0	0	0	0	0	0	0
620	Franklin	2	8	8	0	0	0	0	0	0	0	0
630	Fredericksburg	0	4	2	0	0	0	0	0	0	0	10
640	Galax	1	2	0	0	20	20	0	45	0	0	0
650	Hampton	0	25	0	0	150	0	0	125	0	10	0
660	Harrisonburg	0	3	3	0	0	0	0	0	0	0	0
670	Hopewell	0	0	4	0	10	4	0	0	0	0	0
678	Lexington	2	3	3	0	0	25	0	8	0	2	0
680	Lynchburg	0	0	0	0	0	0	0	0	0	0	0
683	Manassas	12	10	0	0	0	0	0	0	0	1	0
685	Manassas Park	0	0	5	0	0	0	0	0	0	1	0
690	Martinsville	0	0	4	0	0	0	0	10	0	0	0
700	Newport News	0	0	75	0	0	0	0	0	0	0	0
710	Norfolk	0	0	0	0	0	0	0	212	0	0	0
720	Norton	3	10	10	0	35	0	0	0	0	0	0
730	Petersburg	0	5	7	0	0	0	0	0	0	7	0
735	Poquoson	0	9	9	0	0	0	0	0	0	0	0
740	Portsmouth	0	0	3	0	75	0	0	39	0	2	0
750	Radford	0	8	8	0	12	0	0	0	0	0	0
760	Richmond	12	0	0	0	120	0	0	250	0	12	0
770	Roanoke	0	0	0	0	45	0	0	0	0	7	0
775	Salem	-	-	-	-	-	-	-	-	-	-	-

Supplemental Table 6. Number of Equipment Needed Reported By Locality

FIPS	Locality	4-Gas Monitors	Map Coordinate System - GPS	Mobile Data Terminals	Personal Alert Safety Systems (PASS)	Personal Protective Equipment (PPE)	Radios w/ Emergency Alert Button	Radios w/o Emergency Alert Button	Self-Contained Breathing Apparatus (SCBA) w/ Integrated PASS	Self-Contained Breathing Apparatus (SCBA) w/o Integrated PASS	Thermal Imaging Cameras	Other Equipment
790	Staunton	0	0	0	0	0	0	0	0	0	1	0
800	Suffolk	0	0	10	0	50	0	0	100	0	0	0
810	Virginia Beach	0	0	0	0	0	0	0	500	0	0	0
820	Waynesboro	0	4	8	0	12	0	0	0	0	10	0
830	Williamsburg	0	0	10	0	0	0	0	0	0	2	0
840	Winchester	0	0	20	0	0	44	0	0	0	2	0
Grand Total		**477**	**1,069**	**1,179**	**417**	**5,026**	**2,292**	**443**	**3,830**	**41**	**432**	**213**

* Since Greensville County (FIPS 081) does not currently have fire service in their locality, no fire departments were included in the sample. Emergency response for their area is handled by Emporia Fire Dept. (FDID 59500) and Jarrett Vol. Fire Dept. (FDID 18301).

Supplemental Table 7. Number of Personnel Needed Reported By Locality

FIPS	Locality	Firefighter - Paid	Firefighter - Volunteer	Civilian - Paid	Civilian - Volunteer	Other Personnel
001	Accomack County	5	0	0	0	0
003	Albemarle County	20	50	0	0	0
005	Alleghany County	0	63	0	0	0
007	Amelia County	10	25	0	0	0
009	Amherst County	1	20	0	0	0
011	Appomattox County	0	10	0	0	0
013	Arlington County	16	0	0	0	0
015	Augusta County	50	125	0	0	0
017	Bath County	-	-	-	-	-
019	Bedford County	-	-	-	-	-
021	Bland County	0	46	0	0	0
023	Botetourt County	20	0	0	0	0
025	Brunswick County	1	40	0	10	0
027	Buchanan County	7	73	0	6	0
029	Buckingham County	0	10	0	10	0
031	Campbell County	7	0	0	0	0
033	Caroline County	34	60	1	6	0
035	Carroll County	22	16	1	20	0
036	Charles City County	0	10	0	0	0
037	Charlotte County	19	34	1	0	0
041	Chesterfield County	9	0	1	0	0
043	Clarke County	-	-	-	-	-
045	Craig County	0	21	0	10	0
047	Culpeper County	0	50	0	10	0
049	Cumberland County	0	5	0	0	0
051	Dickenson County	0	35	0	0	0
053	Dinwiddie County	15	50	2	0	0
057	Essex County	12	20	0	0	0
059	Fairfax County	58	520	6	269	0
061	Fauquier County	43	124	2	25	12
063	Floyd County	0	20	0	0	0
065	Fluvanna County	0	27	0	5	0
067	Franklin County	18	150	0	0	0
069	Frederick County	10	55	0	0	0
071	Giles County	0	11	0	0	0
073	Gloucester County	0	20	0	0	0
075	Goochland County	20	45	1	0	0
077	Grayson County	0	20	0	0	0
079	Greene County	0	25	0	0	0
081	Greensville County *	-	-	-	-	-
083	Halifax County	23	110	0	0	0
085	Hanover County	50	200	5	0	0
087	Henrico County	12	0	0	0	0
089	Henry County	36	72	3	0	0
091	Highland County	0	0	0	0	0
093	Isle of Wight County	22	50	2	0	0
095	James City County	12	0	2	0	1
097	King and Queen County	0	70	0	0	12
099	King George County	12	30	2	3	0
101	King William County	0	50	0	0	0
103	Lancaster County	0	5	0	0	0
105	Lee County	2	75	0	5	0

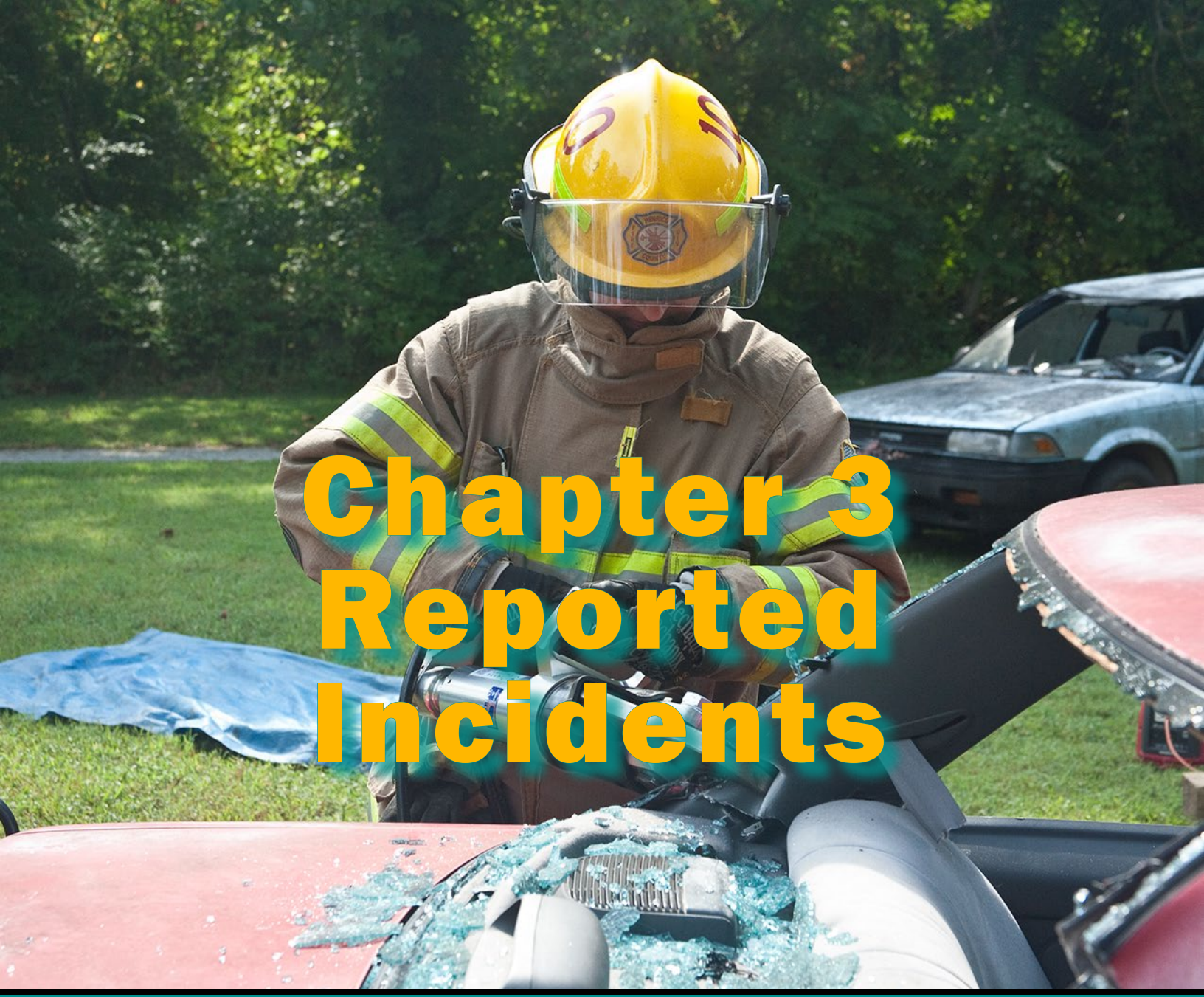
Supplemental Table 7. Number of Personnel Needed Reported By Locality

FIPS	Locality	Firefighter - Paid	Firefighter - Volunteer	Civilian - Paid	Civilian - Volunteer	Other Personnel
107	Loudoun County	15	0	0	0	0
109	Louisa County	8	0	0	0	0
111	Lunenburg County	0	10	0	10	0
113	Madison County	0	5	0	0	0
115	Mathews County	0	0	0	0	0
117	Mecklenburg County	3	50	0	0	1
119	Middlesex County	6	25	0	0	0
121	Montgomery County	0	37	0	0	0
125	Nelson County	4	52	0	36	0
127	New Kent County	6	0	0	0	0
131	Northampton County	12	30	0	20	0
133	Northumberland County	0	10	0	0	0
135	Nottoway County	0	23	0	0	0
137	Orange County	6	50	0	0	0
139	Page County	0	0	0	0	0
141	Patrick County	0	75	0	15	0
143	Pittsylvania County	20	177	0	30	8
145	Powhatan County	0	25	1	0	0
147	Prince Edward County	0	40	0	10	0
149	Prince George County	48	100	0	0	0
153	Prince William County	30	100	4	0	0
155	Pulaski County	0	40	0	0	0
157	Rappahannock County	0	32	0	31	0
159	Richmond County	3	5	0	0	0
161	Roanoke County	0	15	1	0	0
163	Rockbridge County	9	83	0	20	0
165	Rockingham County	6	50	0	0	0
167	Russell County	9	30	0	10	0
169	Scott County	0	44	0	0	0
171	Shenandoah County	14	50	0	0	0
173	Smyth County	8	30	0	0	0
175	Southampton County	0	35	0	17	0
177	Spotsylvania County	20	100	0	0	0
179	Stafford County	25	100	0	0	0
181	Surry County	0	0	0	0	0
183	Sussex County	0	25	0	0	0
185	Tazewell County	6	60	0	5	0
187	Warren County	40	0	0	0	0
191	Washington County	29	21	1	0	0
193	Westmoreland County	4	36	0	0	0
195	Wise County	1	25	0	10	0
197	Wythe County	6	25	0	0	0
199	York County	24	0	0	0	0
510	Alexandria	50	0	10	0	0
515	Bedford	0	10	0	0	0
520	Bristol	7	0	1	0	0
530	Buena Vista	8	15	0	0	0
540	Charlottesville	0	0	0	0	0
550	Chesapeake	27	0	0	0	0
570	Colonial Heights	18	20	2	0	0
580	Covington	0	10	0	0	0
590	Danville	6	0	0	0	0

Supplemental Table 7. Number of Personnel Needed Reported By Locality

FIPS	Locality	Firefighter - Paid	Firefighter - Volunteer	Civilian - Paid	Civilian - Volunteer	Other Personnel
595	Emporia	-	-	-	-	-
600	Fairfax	3	0	0	0	0
610	Falls Church	0	0	0	0	0
620	Franklin	6	10	0	0	0
630	Fredericksburg	10	0	0	0	0
640	Galax	0	5	0	0	0
650	Hampton	15	0	5	0	0
660	Harrisonburg	0	0	0	0	0
670	Hopewell	12	0	0	0	0
678	Lexington	3	25	1	5	0
680	Lynchburg	10	0	0	0	0
683	Manassas	0	50	0	15	0
685	Manassas Park	7	0	1	0	0
690	Martinsville	6	20	0	0	0
700	Newport News	18	0	0	0	0
710	Norfolk	31	0	0	0	0
720	Norton	7	0	0	0	0
730	Petersburg	15	0	5	0	0
735	Poquoson	18	0	0	0	0
740	Portsmouth	20	0	0	0	0
750	Radford	3	5	0	0	0
760	Richmond	30	0	12	0	0
770	Roanoke	0	0	0	0	0
775	Salem	-	-	-	-	-
790	Staunton	20	0	0	0	0
800	Suffolk	0	0	0	0	0
810	Virginia Beach	80	0	6	0	0
820	Waynesboro	12	10	0	0	0
830	Williamsburg	0	0	0	0	0
840	Winchester	5	30	0	0	0
Grand Total		**1,375**	**4,267**	**79**	**613**	**34**

* Since Greensville County (FIPS 081) does not currently have fire service in their locality, no fire departments were included in the sample. Emergency response for their area is handled by Emporia Fire Dept. (FDID 59500) and Jarrett Vol. Fire Dept. (FDID 18301).



Chapter 3 Reported Incidents

Virginia Fire Service Needs Assessment:

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

Volume IX - January 2013

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.

VFIRS Participation

For calendar year 2011, 500 or 86.4% of the total 579 fire departments in Virginia reported incidents to VFIRS. Based on each locality's VFIRS participation and census population, the departments that reported incidents for 2011 represent 96.2% of Virginia's population.

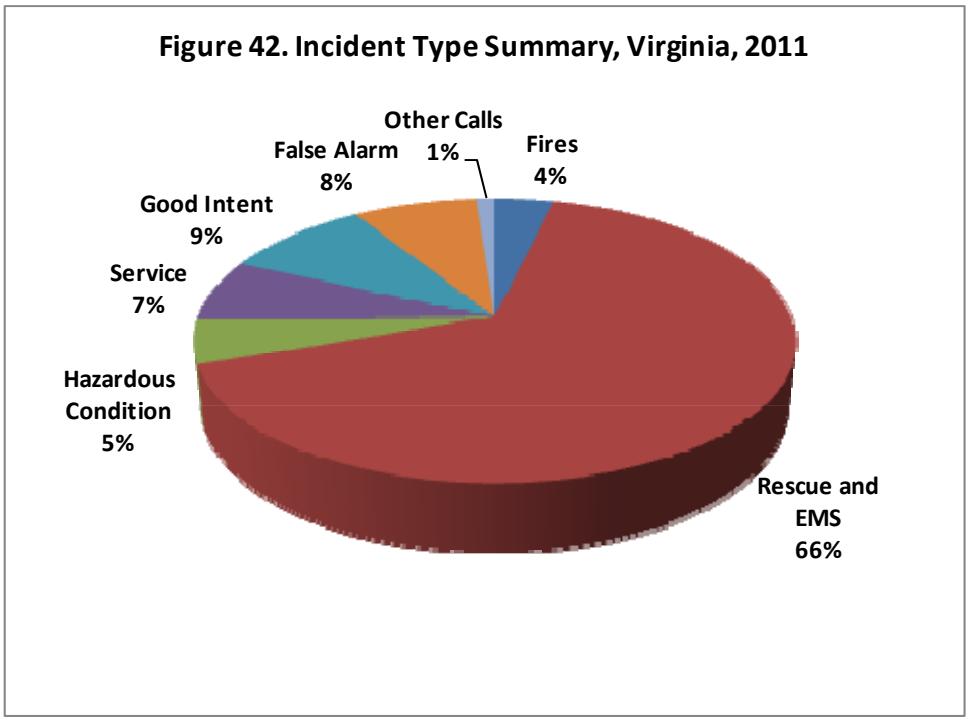
Incident Types

In 2011, fire departments responded to 684,200 incidents in Virginia. These incidents included 25,906 fires, 451,988 rescue and EMS incidents, 32,603 hazardous condition calls, 47,930 service calls, 64,121 good intent calls, 53,753 false calls and 7,899 other calls. (See Table 27.) There were 42,262 incidents in which a fire department provided assistance (mutual or automatic aid given) to another jurisdiction. In addition, there were 355 fire incidents that were fire exposures (fires large enough to cause fire damage beyond the property where the fire started).

Table 27. Incident Type Summary, Virginia, 2011

Incident Type	Total	Percent
Fires	25,906	3.8%
Rescue and EMS	451,988	66.1%
Hazardous Condition	32,603	4.8%
Service	47,930	7.0%
Good Intent	64,121	9.4%
False Alarm	53,753	7.9%
Other Calls	7,899	1.2%
Total Incidents	**684,200**	**100.0%**
Aid Given	42,262	
Fire Exposures	355	
Grand Total	**726,817**	

Fire incidents accounted for 4 percent of the total incidents responded to by fire departments in Virginia for 2011. (See Figure 42.) Rescue and emergency medical service incidents made up two-thirds (66%) of the total calls handled by fire departments.



Total Fire Dollar Loss

Property and contents dollar loss is required for all fire incidents and helps to measure the severity of fire loss in Virginia. In 2011, there were 25,906 fires with a total dollar loss reported as $240 million. (See Table 28.) Total fire dollar loss decreased by $5 million from the $245 million reported in 2010.

Table 28. Fire Dollar Loss Summary, Virginia, 2011

Dollar Loss	Total
Total Property Loss	$176,733,602
Total Contents Loss	$63,169,985
Total Fire Dollar Loss	**$239,903,587**

Civilian and Fire Service Casualties

In addition, losses also occur when civilian or fire service are injured or killed during an incident. There were 479 civilian injuries and 56 civilian deaths due to fire incidents in 2011. (See Table 29.) Fire service had 623 injuries and 1 death reported with their personnel in 2011, accounting for all types of incidents.

Table 29. Casualty Summary, Virginia, 2011

Civilian Fire Casualties	Total
Civilian Fire Injuries	479
Civilian Fire Deaths	56
Total Civilian Fire Casualties	**535**

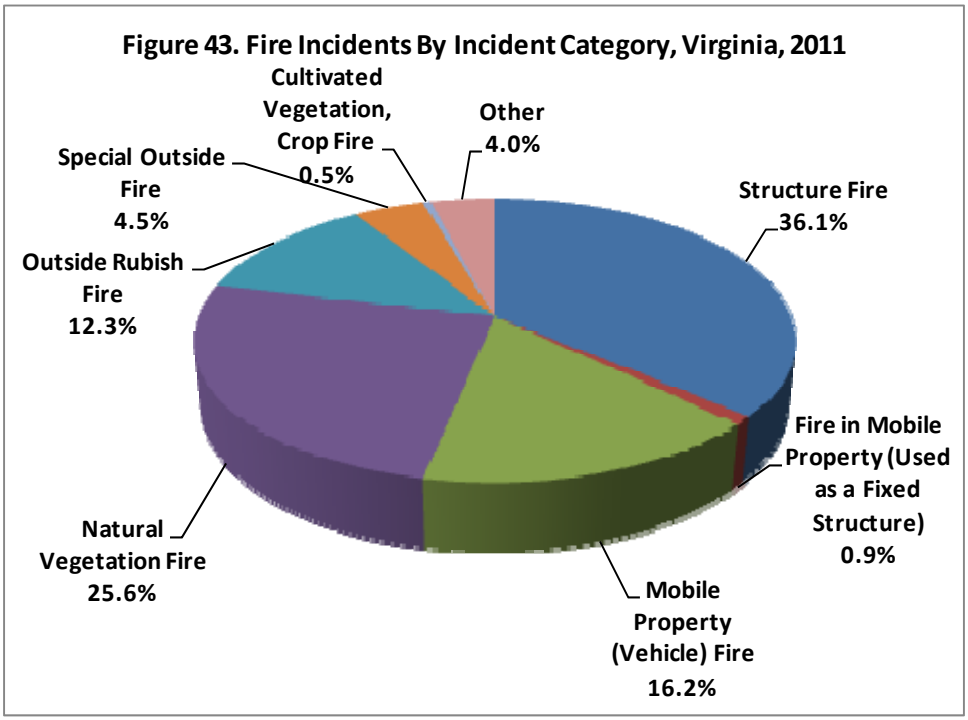
Fire Service Casualties	Total
Fire Service Injuries	623
Fire Service Deaths	1
Total Fire Service Casualties	**624**

Fires

Fire departments reported in 2011 that they responded to 25,906 fire incidents during the year. (See Table 30.) Structure fires (36.1%) made up the largest incident category with fire incidents, while natural vegetation fires accounted for 26 percent. (See Figure 43.) Mobile property vehicle fires accounted for 16 percent of the total fires in 2011.

Table 30. Fire Incidents By Incident Category, Virginia, 2011

Incident Category	Total	Percent
Structure Fire	9,349	36.1%
Fire in Mobile Property (Used as a Fixed Structure)	243	0.9%
Mobile Property (Vehicle) Fire	4,184	16.2%
Natural Vegetation Fire	6,625	25.6%
Outside Rubish Fire	3,174	12.3%
Special Outside Fire	1,160	4.5%
Cultivated Vegetation, Crop Fire	126	0.5%
Other	1,045	4.0%
Grand Total	**25,906**	**100.0%**

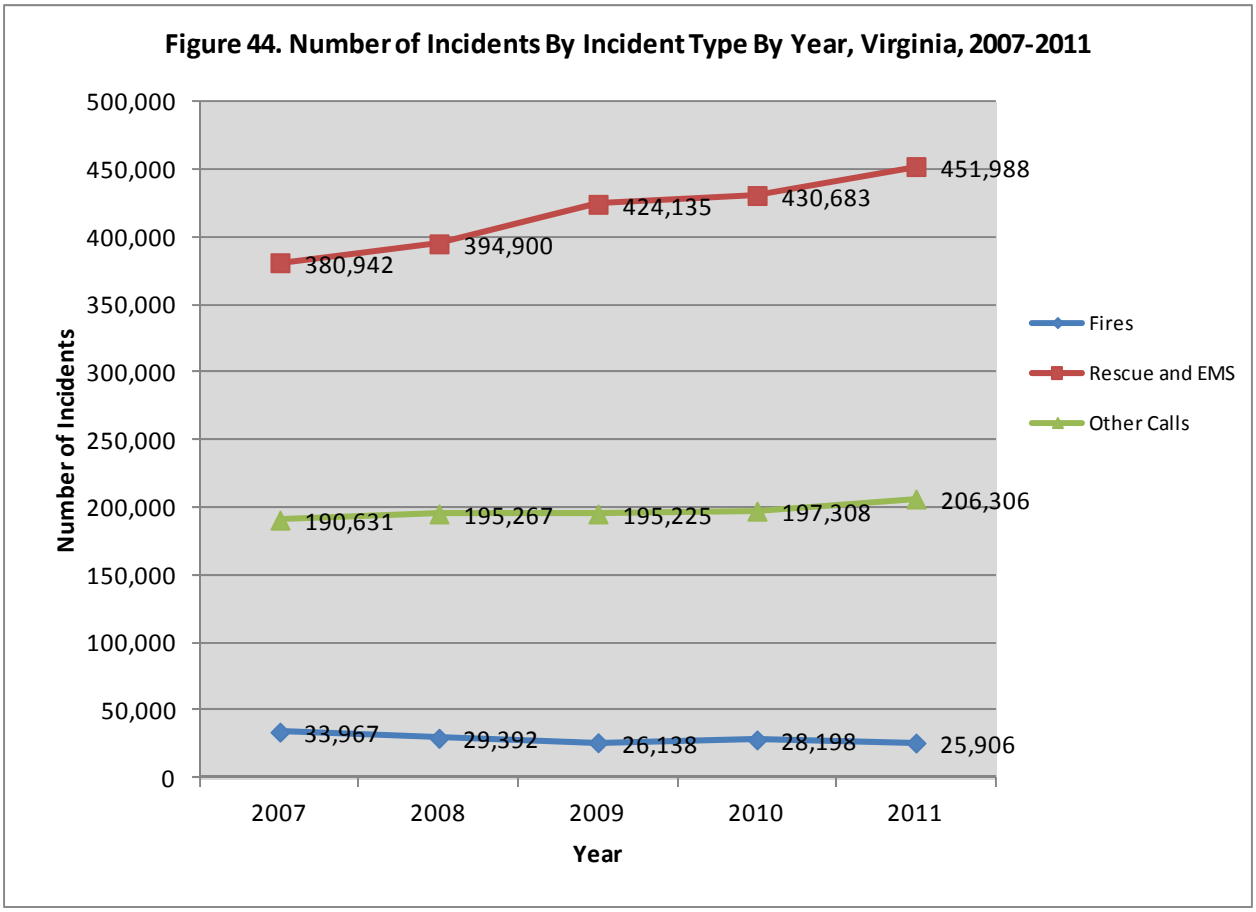


Incident Trends

The total number of incidents reported by fire departments in Virginia have increased since 2007. (See Table 31. and Figure 44.) The total number of incidents increased by 28,011 from 2010 to 2011. Rescue and EMS calls have increased over the last five years, while fire incidents have decreased. Participation has also been similarly increasing with fire departments since 2007.

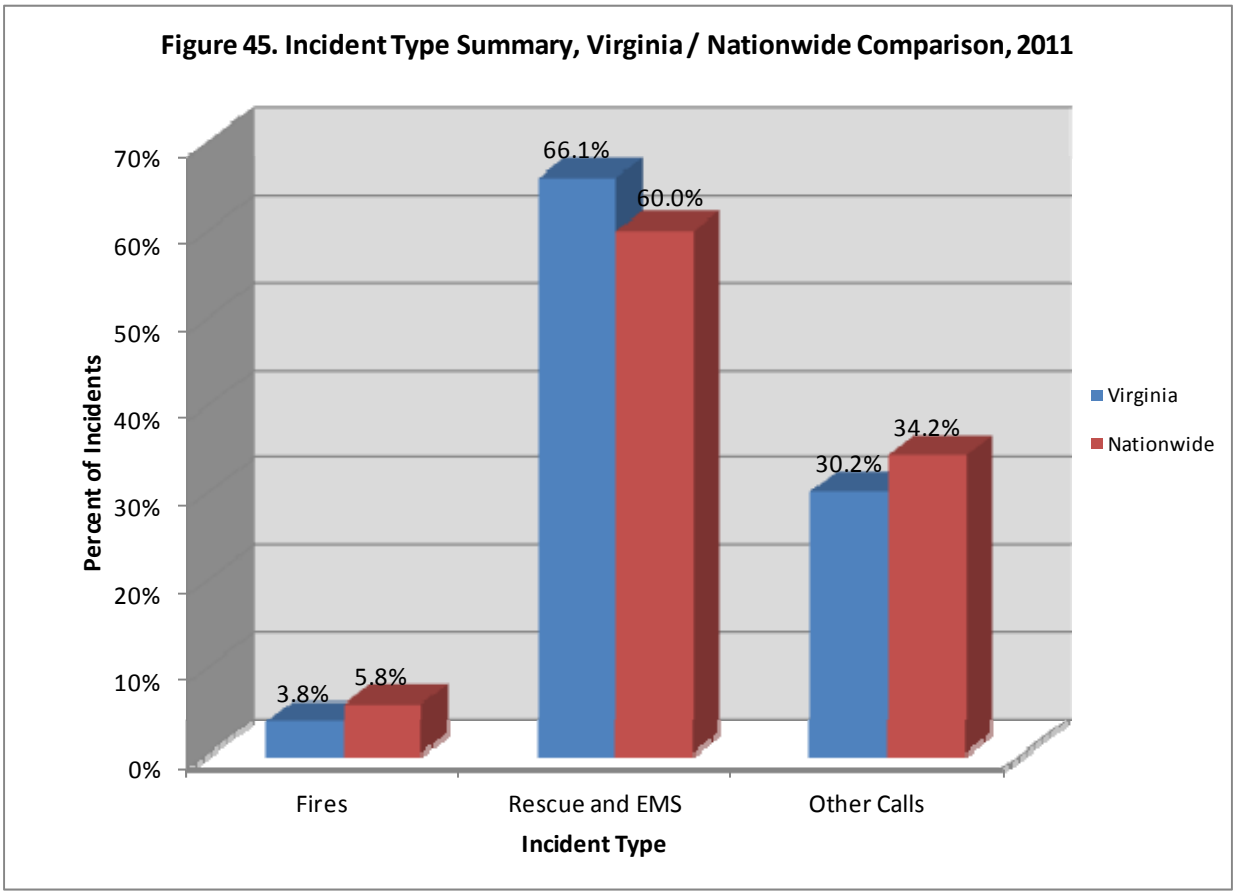
Table 31. Incident Type Summary, Virginia, 2007-2011

	2007	2008	2009	2010	2011
Fires	33,967	29,392	26,138	28,198	25,906
Rescue and EMS	380,942	394,900	424,135	430,683	451,988
Other Calls	190,631	195,267	195,225	197,308	206,306
Total Incidents	**605,540**	**619,559**	**645,498**	**656,189**	**684,200**
Aid Given	38,174	36,956	34,352	38,389	42,262
Fire Exposures	689	522	440	435	355
Grand Total	**644,403**	**657,037**	**680,290**	**695,013**	**726,817**
VFIRS Participation / Population Represented	**94.9%**	**94.8%**	**95.3%**	**95.9%**	**96.2%**



National Comparison

For 2011, Virginia had a lower percentage of fire incidents (4%) compared to the national numbers. (See Figure 45.) Sixty-six percent (66%) of incidents in Virginia were Rescue and EMS calls, while nationwide, 60% of all calls were Rescue and EMS.



Note: Data was compiled by the National NFIRS Program from incident data reported as of 06/25/2012.

Table 32. Number of VFIRS Reported Incidents By VDFP Division, 2011

VDFP Division	Fires	Rescue and EMS	Hazardous Condition	Service	Good Intent	False Alarm	Other Calls	Total Incidents
Division 1 - Richmond	5,531	85,565	7,328	9,425	19,188	10,217	1,920	139,174
Division 2 - Orange	2,743	49,944	3,766	5,070	7,450	4,231	519	73,723
Division 3 - Farmville	2,555	22,243	3,042	2,781	5,096	3,170	359	39,246
Division 4 - Chilhowie	1,655	5,476	1,509	974	1,211	847	305	11,977
Division 5 - Hampton	6,229	126,659	8,084	15,281	12,062	14,920	3,212	186,447
Division 6 - Roanoke	3,142	48,167	2,849	2,940	4,602	4,018	445	66,163
Division 7 - Fairfax	3,970	110,750	5,599	11,192	13,857	15,727	1,099	162,194
Division 9 - Statewide	81	3,184	426	267	655	623	40	5,276
Grand Total	**25,906**	**451,988**	**32,603**	**47,930**	**64,121**	**53,753**	**7,899**	**684,200**

Note: Division 9 - Statewide include incidents reported by Military, Federal or Airport (FIPS 920) fire departments.

Please see Supplemental Table 9 found at the end of this chapter for a detailed report of incidents by locality for 2011, Supplemental Table 10 for a summary report for 2011 by locality, and Supplemental Table 11 for a rate summary report for 2011.

Note: Data is compiled from information reported to the Virginia Fire Incident Reporting System (VFIRS) for 2011 as of 03/08/2012.

Unless otherwise noted, 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.

Percentages may not add to totals due to rounding.

Supplemental Table 8. VFIRS Participation By Locality, Virginia, 2011

FIPS	County/City	2010 Census Population	VFIRS Participating Fire Depts	Total Number of Fire Depts	Percent of Fire Depts Reporting	VFIRS Population
001	Accomack County	33,164	15	15	100.0%	33,164
003	Albemarle County	98,970	1	1	100.0%	98,970
005	Alleghany County	16,250	7	7	100.0%	16,250
007	Amelia County	12,690	4	5	80.0%	10,152
009	Amherst County	32,353	3	3	100.0%	32,353
011	Appomattox County	14,973	1	2	50.0%	7,487
013	Arlington County	207,627	1	1	100.0%	207,627
015	Augusta County	73,750	16	16	100.0%	73,750
017	Bath County	4,731	2	3	66.7%	3,154
019	Bedford County	68,676	10	10	100.0%	68,676
021	Bland County	6,824	4	6	66.7%	4,549
023	Botetourt County	33,148	7	7	100.0%	33,148
025	Brunswick County	17,434	7	7	100.0%	17,434
027	Buchanan County	24,098	8	10	80.0%	19,278
029	Buckingham County	17,146	4	4	100.0%	17,146
031	Campbell County	54,842	8	8	100.0%	54,842
033	Caroline County	28,545	4	6	66.7%	19,030
035	Carroll County	30,042	3	4	75.0%	22,532
036	Charles City County	7,256	1	1	100.0%	7,256
037	Charlotte County	12,586	3	7	42.9%	5,394
041	Chesterfield County	316,236	1	1	100.0%	316,236
043	Clarke County	14,034	5	5	100.0%	14,034
045	Craig County	5,190	5	5	100.0%	5,190
047	Culpeper County	46,689	7	7	100.0%	46,689
049	Cumberland County	10,052	3	3	100.0%	10,052
051	Dickenson County	15,903	4	4	100.0%	15,903
053	Dinwiddie County	28,001	6	6	100.0%	28,001
057	Essex County	11,151	1	1	100.0%	11,151
059	Fairfax County	1,081,726	1	1	100.0%	1,081,726
061	Fauquier County	65,203	11	11	100.0%	65,203
063	Floyd County	15,279	4	4	100.0%	15,279
065	Fluvanna County	25,691	1	4	25.0%	6,423
067	Franklin County	56,159	11	12	91.7%	51,479
069	Frederick County	78,305	2	2	100.0%	78,305
071	Giles County	17,286	6	8	75.0%	12,965
073	Gloucester County	36,858	2	2	100.0%	36,858
075	Goochland County	21,717	1	1	100.0%	21,717
077	Grayson County	15,533	5	6	83.3%	12,944
079	Greene County	18,403	3	3	100.0%	18,403
081	Greensville County *	12,243	-	-	-	12,243
083	Halifax County	36,241	10	12	83.3%	30,201
085	Hanover County	99,863	12	12	100.0%	99,863
087	Henrico County	306,935	1	1	100.0%	306,935
089	Henry County	54,151	8	8	100.0%	54,151
091	Highland County	2,321	0	4	0.0%	0
093	Isle of Wight County	35,270	4	5	80.0%	28,216
095	James City County	67,009	1	1	100.0%	67,009
097	King and Queen County	6,945	4	4	100.0%	6,945
099	King George County	23,584	1	1	100.0%	23,584
101	King William County	15,935	3	3	100.0%	15,935
103	Lancaster County	11,391	1	3	33.3%	3,797
105	Lee County	25,587	6	10	60.0%	15,352

Supplemental Table 8. VFIRS Participation By Locality, Virginia, 2011

FIPS	County/City	2010 Census Population	VFIRS Participating Fire Depts	Total Number of Fire Depts	Percent of Fire Depts Reporting	VFIRS Population
107	Loudoun County	312,311	14	14	100.0%	312,311
109	Louisa County	33,153	6	7	85.7%	28,417
111	Lunenburg County	12,914	2	3	66.7%	8,609
113	Madison County	13,308	1	1	100.0%	13,308
115	Mathews County	8,978	1	1	100.0%	8,978
117	Mecklenburg County	32,727	7	8	87.5%	28,636
119	Middlesex County	10,959	3	4	75.0%	8,219
121	Montgomery County	94,392	4	5	80.0%	75,514
125	Nelson County	15,020	7	7	100.0%	15,020
127	New Kent County	18,429	1	1	100.0%	18,429
131	Northampton County	12,389	3	5	60.0%	7,433
133	Northumberland County	12,330	2	2	100.0%	12,330
135	Nottoway County	15,853	2	3	66.7%	10,569
137	Orange County	33,481	5	6	83.3%	27,901
139	Page County	24,042	3	3	100.0%	24,042
141	Patrick County	18,490	8	9	88.9%	16,436
143	Pittsylvania County	63,506	17	21	81.0%	51,410
145	Powhatan County	28,046	5	5	100.0%	28,046
147	Prince Edward County	23,368	3	5	60.0%	14,021
149	Prince George County	35,725	1	1	100.0%	35,725
153	Prince William County	402,002	1	1	100.0%	402,002
155	Pulaski County	34,872	9	9	100.0%	34,872
157	Rappahannock County	7,373	6	6	100.0%	7,373
159	Richmond County	9,254	2	2	100.0%	9,254
161	Roanoke County	92,376	2	3	66.7%	61,584
163	Rockbridge County	22,307	9	9	100.0%	22,307
165	Rockingham County	76,314	11	11	100.0%	76,314
167	Russell County	28,897	3	7	42.9%	12,384
169	Scott County	23,177	6	7	85.7%	19,866
171	Shenandoah County	41,993	5	10	50.0%	20,997
173	Smyth County	32,208	6	7	85.7%	27,607
175	Southampton County	18,570	7	8	87.5%	16,249
177	Spotsylvania County	122,397	1	1	100.0%	122,397
179	Stafford County	128,961	1	1	100.0%	128,961
181	Surry County	7,058	3	3	100.0%	7,058
183	Sussex County	12,087	4	5	80.0%	9,670
185	Tazewell County	45,078	8	17	47.1%	21,213
187	Warren County	37,575	8	8	100.0%	37,575
191	Washington County	54,876	7	9	77.8%	42,681
193	Westmoreland County	17,454	4	4	100.0%	17,454
195	Wise County	41,452	6	7	85.7%	35,530
197	Wythe County	29,235	6	6	100.0%	29,235
199	York County	65,464	1	1	100.0%	65,464
510	Alexandria	139,966	1	1	100.0%	139,966
515	Bedford	6,222	1	1	100.0%	6,222
520	Bristol	17,835	1	1	100.0%	17,835
530	Buena Vista	6,650	1	1	100.0%	6,650
540	Charlottesville	43,475	1	1	100.0%	43,475
550	Chesapeake	222,209	1	1	100.0%	222,209
570	Colonial Heights	17,411	1	1	100.0%	17,411
580	Covington	5,961	1	1	100.0%	5,961
590	Danville	43,055	1	1	100.0%	43,055

Supplemental Table 8. VFIRS Participation By Locality, Virginia, 2011

FIPS	County/City	2010 Census Population	VFIRS Participating Fire Depts	Total Number of Fire Depts	Percent of Fire Depts Reporting	VFIRS Population
595	Emporia	5,927	1	1	100.0%	5,927
600	Fairfax	22,565	1	1	100.0%	22,565
610	Falls Church **	12,332	1	1	100.0%	12,332
620	Franklin	8,582	2	2	100.0%	8,582
630	Fredericksburg	24,286	1	1	100.0%	24,286
640	Galax	7,042	1	1	100.0%	7,042
650	Hampton	137,436	1	1	100.0%	137,436
660	Harrisonburg	48,914	1	1	100.0%	48,914
670	Hopewell	22,591	1	1	100.0%	22,591
678	Lexington	7,042	1	1	100.0%	7,042
680	Lynchburg	75,568	1	1	100.0%	75,568
683	Manassas	37,821	2	2	100.0%	37,821
685	Manassas Park	14,273	1	1	100.0%	14,273
690	Martinsville	13,821	1	1	100.0%	13,821
700	Newport News	180,719	1	1	100.0%	180,719
710	Norfolk	242,803	1	1	100.0%	242,803
720	Norton	3,958	1	1	100.0%	3,958
730	Petersburg	32,420	1	1	100.0%	32,420
735	Poquoson	12,150	1	1	100.0%	12,150
740	Portsmouth	95,535	1	1	100.0%	95,535
750	Radford	16,408	1	1	100.0%	16,408
760	Richmond	204,214	1	1	100.0%	204,214
770	Roanoke	97,032	1	1	100.0%	97,032
775	Salem	24,802	1	1	100.0%	24,802
790	Staunton	23,746	1	1	100.0%	23,746
800	Suffolk	84,585	5	5	100.0%	84,585
810	Virginia Beach	437,994	1	1	100.0%	437,994
820	Waynesboro	21,006	1	1	100.0%	21,006
830	Williamsburg	14,068	1	1	100.0%	14,068
840	Winchester	26,203	1	1	100.0%	26,203
920	Military, Federal or Airport		5	8	62.5%	-
Grand Total		**8,001,024**	**500**	**579**	**86.4%**	**7,697,007**
VFIRS Population Protected						**96.2%**

Note: **Data is compiled from information reported to the Virginia Fire Incident Reporting System (VFIRS) for 2011 as of 3/8/2012.** VFIRS participating fire department is any department that reported incidents to VFIRS for 2011. VFIRS Population Protected is based on each locality's VFIRS participation and census population and represents the percentage of Virginia's population that is covered by the reporting departments.

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

** The City of Falls Church (FIPS 610) 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 9. Incident Type Summary By Locality, Virginia, 2011

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	235	1,036	212	64	115	117	22	1,801	1,327	5	3,133
003	Albemarle County	313	4,102	449	633	1,090	540	22	7,149	245	0	7,394
005	Alleghany County	78	275	48	63	41	28	6	539	145	0	684
007	Amelia County	19	68	5	14	13	8	2	129	31	0	160
009	Amherst County	131	147	94	13	174	39	5	603	139	2	744
011	Appomattox County	46	2	114	6	76	20	0	264	26	0	290
013	Arlington County	372	13,269	980	1,656	2,310	2,442	224	21,253	2,931	0	24,184
015	Augusta County	299	3,119	313	464	1,106	202	84	5,587	1,813	1	7,401
017	Bath County	17	20	0	0	0	5	2	44	22	0	66
019	Bedford County	149	548	85	73	279	96	14	1,244	195	1	1,440
021	Bland County	25	22	7	1	8	0	0	63	20	0	83
023	Botetourt County	127	440	81	32	143	53	21	897	424	0	1,321
025	Brunswick County	107	596	140	26	210	32	17	1,128	340	0	1,468
027	Buchanan County	67	55	27	36	12	4	7	208	33	5	246
029	Buckingham County	66	62	11	98	45	4	4	290	59	0	349
031	Campbell County	215	355	388	44	222	99	16	1,339	137	0	1,476
033	Caroline County	82	376	86	75	179	66	22	886	122	0	1,008
035	Carroll County	124	89	137	29	121	27	5	532	66	3	601
036	Charles City County	38	72	22	9	19	18	0	178	3	0	181
037	Charlotte County	29	184	23	4	38	7	2	287	50	1	338
041	Chesterfield County	1,084	23,197	1,145	2,339	3,269	1,863	349	33,246	290	36	33,572
043	Clarke County	70	1,400	51	646	131	66	8	2,372	436	1	2,809
045	Craig County	60	100	4	13	5	2	3	187	16	0	203
047	Culpeper County	185	634	161	84	332	107	27	1,530	634	0	2,164
049	Cumberland County	38	57	29	15	18	15	7	179	37	4	220
051	Dickenson County	36	199	46	13	7	6	8	315	39	0	354
053	Dinwiddie County	188	519	119	68	195	55	19	1,163	374	0	1,537
057	Essex County	27	76	29	12	43	24	3	214	5	0	219
059	Fairfax County	1,997	61,829	2,495	5,683	4,203	8,238	497	84,942	4,987	14	89,943
061	Fauquier County	272	6,333	181	117	1,495	127	18	8,543	397	0	8,940
063	Floyd County	67	39	123	7	37	6	3	282	34	0	316
065	Fluvanna County	22	231	35	35	39	24	5	391	113	0	504
067	Franklin County	280	1,874	119	65	353	144	64	2,899	413	0	3,312
069	Frederick County	379	7,716	255	537	556	419	33	9,895	1,167	0	11,062
071	Giles County	42	64	56	16	13	10	8	209	29	0	238
073	Gloucester County	187	1,412	115	37	91	96	18	1,956	37	7	2,000
075	Goochland County	84	359	68	29	199	128	11	878	23	3	904
077	Grayson County	56	153	8	8	10	5	4	244	26	0	270
079	Greene County	131	478	91	54	183	50	49	1,036	256	0	1,292
081	Greensville County *	-	-	-	-	-	-	-	-	-	-	-

Supplemental Table 9. Incident Type Summary By Locality, Virginia, 2011

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
083	Halifax County	248	3,053	56	74	88	123	9	3,651	202	2	3,855
085	Hanover County	345	3,209	423	488	1,761	561	138	6,925	1,532	2	8,459
087	Henrico County	1,038	30,063	1,317	1,597	2,710	2,959	468	40,152	74	24	40,250
089	Henry County	278	414	145	76	334	238	13	1,498	188	0	1,686
091	Highland County	No Incidents Reported										
093	Isle of Wight County	91	505	156	73	124	128	95	1,172	47	0	1,219
095	James City County	166	5,760	228	566	524	632	428	8,304	650	11	8,965
097	King and Queen County	32	73	45	8	34	12	8	212	52	0	264
099	King George County	97	238	198	100	160	75	57	925	70	4	999
101	King William County	26	201	15	16	19	12	4	293	36	0	329
103	Lancaster County	25	1	47	13	21	18	1	126	27	0	153
105	Lee County	76	64	12	5	13	3	15	188	25	0	213
107	Loudoun County	515	7,630	687	1,109	2,240	1,958	231	14,370	1,526	5	15,901
109	Louisa County	152	525	222	206	288	95	18	1,506	710	0	2,216
111	Lunenburg County	56	683	18	26	44	20	3	850	128	0	978
113	Madison County	64	141	10	14	79	30	1	339	9	0	348
115	Mathews County	63	135	45	2	24	36	4	309	7	0	316
117	Mecklenburg County	220	53	299	72	148	58	42	892	261	0	1,153
119	Middlesex County	45	66	31	9	28	24	6	209	35	0	244
121	Montgomery County	298	479	169	177	284	547	10	1,964	145	3	2,112
125	Nelson County	94	292	41	40	130	129	11	737	152	0	889
127	New Kent County	112	1,565	63	286	343	144	50	2,563	34	0	2,597
131	Northampton County	33	1,075	18	37	128	41	2	1,334	111	0	1,445
133	Northumberland County	58	90	40	6	81	19	4	298	98	0	396
135	Nottoway County	40	395	7	24	13	11	4	494	91	0	585
137	Orange County	115	453	92	88	229	93	19	1,089	661	1	1,751
139	Page County	100	273	118	181	75	67	24	838	88	0	926
141	Patrick County	91	708	75	98	118	48	9	1,147	131	1	1,279
143	Pittsylvania County	366	2,876	190	191	251	151	19	4,044	659	0	4,703
145	Powhatan County	99	666	112	70	304	82	27	1,360	139	3	1,502
147	Prince Edward County	32	48	31	19	15	7	12	164	79	0	243
149	Prince George County	163	224	264	117	312	149	141	1,370	66	0	1,436
153	Prince William County	645	12,581	698	965	2,225	829	49	17,992	85	0	18,077
155	Pulaski County	120	284	236	134	119	93	62	1,048	77	0	1,125
157	Rappahannock County	74	617	41	69	131	57	13	1,002	819	0	1,821
159	Richmond County	2	8	2	1	4	2	0	19	3	0	22
161	Roanoke County	174	11,182	315	676	592	574	21	13,534	458	1	13,993
163	Rockbridge County	88	794	42	90	110	22	39	1,185	409	1	1,595
165	Rockingham County	274	3,419	341	268	824	397	34	5,557	946	0	6,503
167	Russell County	36	19	40	28	19	1	13	156	20	0	176

Supplemental Table 9. Incident Type Summary By Locality, Virginia, 2011

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
169	Scott County	77	150	27	84	37	21	23	419	48	0	467
171	Shenandoah County	104	355	293	94	343	104	6	1,299	352	0	1,651
173	Smyth County	132	1,098	81	29	97	28	13	1,478	53	1	1,532
175	Southampton County	74	238	49	30	21	20	7	439	98	3	540
177	Spotsylvania County	292	9,450	222	760	712	647	211	12,294	339	4	12,637
179	Stafford County	294	8,329	1,328	1,156	1,026	592	35	12,760	14	7	12,781
181	Surry County	31	22	81	23	25	16	11	209	16	0	225
183	Sussex County	74	360	22	21	46	13	6	542	52	0	594
185	Tazewell County	118	214	294	71	106	56	23	882	86	0	968
187	Warren County	137	2,114	52	162	319	103	27	2,914	1,166	0	4,080
191	Washington County	186	988	248	116	99	173	67	1,877	63	0	1,940
193	Westmoreland County	66	603	77	86	89	38	134	1,093	277	0	1,370
195	Wise County	102	338	60	19	37	27	12	595	41	2	638
197	Wythe County	151	149	101	27	88	47	9	572	34	2	608
199	York County	167	5,021	238	1,121	475	724	515	8,261	719	2	8,982
510	Alexandria	289	10,835	490	1,412	2,178	1,801	70	17,075	931	0	18,006
515	Bedford	81	301	30	73	140	67	6	698	109	0	807
520	Bristol	137	1,361	70	135	303	193	26	2,225	199	6	2,430
530	Buena Vista	43	216	24	11	14	23	17	348	136	0	484
540	Charlottesville	193	2,429	370	277	616	800	16	4,701	8	0	4,709
550	Chesapeake	629	18,874	654	1,590	1,377	1,635	214	24,973	48	33	25,054
570	Colonial Heights	67	3,092	187	570	242	179	36	4,373	270	0	4,643
580	Covington	35	48	67	13	43	30	3	239	39	0	278
590	Danville	303	4,317	484	307	339	618	50	6,418	1	10	6,429
595	Emporia	90	132	14	6	35	17	0	294	11	0	305
600	Fairfax	56	2,616	95	168	224	270	10	3,439	2,778	0	6,217
610	Falls Church **	-	-	-	-	-	-	-	-	-	-	-
620	Franklin	63	1,647	33	55	38	82	85	2,003	395	0	2,398
630	Fredericksburg	120	2,015	260	382	426	444	29	3,676	212	0	3,888
640	Galax	50	58	14	0	38	28	1	189	36	0	225
650	Hampton	593	16,682	980	1,615	1,167	1,600	168	22,805	36	5	22,846
660	Harrisonburg	172	2,603	184	249	685	595	24	4,512	125	20	4,657
670	Hopewell	128	2,428	294	419	92	175	42	3,578	74	4	3,656
678	Lexington	51	159	54	57	50	76	4	451	184	2	637
680	Lynchburg	261	4,615	324	421	702	464	30	6,817	16	0	6,833
683	Manassas	62	1,348	101	130	405	149	8	2,203	909	0	3,112
685	Manassas Park	34	642	53	69	72	40	10	920	1,202	2	2,124
690	Martinsville	68	2,595	51	54	89	81	14	2,952	59	0	3,011
700	Newport News	725	22,185	924	1,551	1,238	1,349	69	28,041	38	35	28,114
710	Norfolk	620	9,880	1,275	1,629	1,352	2,751	122	17,629	4	16	17,649

Supplemental Table 9. Incident Type Summary By Locality, Virginia, 2011

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
720	Norton	21	43	3	7	6	50	1	131	3	0	134
730	Petersburg	194	1,785	324	216	548	540	83	3,690	44	3	3,737
735	Poquoson	39	317	74	288	53	33	98	902	6	0	908
740	Portsmouth	513	13,008	591	1,016	1,036	876	62	17,102	16	4	17,122
750	Radford	99	128	42	216	78	75	8	646	7	0	653
760	Richmond	1,365	15,732	2,217	2,656	8,250	2,984	299	33,503	38	16	33,557
770	Roanoke	397	18,325	641	757	1,292	937	112	22,461	435	6	22,902
775	Salem	91	2,457	102	107	88	272	15	3,132	32	0	3,164
790	Staunton	69	1,747	225	362	225	290	34	2,952	182	0	3,134
800	Suffolk	468	7,773	448	739	500	687	832	11,447	219	4	11,670
810	Virginia Beach	1,167	17,880	1,637	4,692	3,409	3,340	398	32,523	47	20	32,590
820	Waynesboro	92	586	131	124	137	279	8	1,357	48	7	1,412
830	Williamsburg	49	2,055	119	91	46	671	33	3,064	486	0	3,550
840	Winchester	91	4,092	177	263	87	383	10	5,103	392	0	5,495
920	Military, Federal or Airport	81	3,184	426	267	655	623	40	5,276	838	0	6,114
Grand Total		**25,906**	**451,988**	**32,603**	**47,930**	**64,121**	**53,753**	**7,899**	**684,200**	**42,262**	**355**	**726,817**

Note: **Data is compiled from information reported to the Virginia Fire Incident Reporting System (VFIRS) for 2011 as of 3/8/2012.** 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.

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

** The City of Falls Church (FIPS 610) 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, 2011

FIPS	County/City	Fires	Rescue and EMS	All Other Calls	Total Incidents	Total Property Loss	Total Contents Loss	Total Fire Dollar Loss	Civilian Fire Injuries	Civilian Fire Deaths	Fire Service Injuries	Fire Service Deaths
001	Accomack County	235	1,036	530	1,801	$1,138,525	$397,700	$1,536,225	6	2	4	0
003	Albemarle County	313	4,102	2,734	7,149	$592,594	$190,584	$783,178	0	1	3	0
005	Alleghany County	78	275	186	539	$438,300	$114,700	$553,000	0	0	2	0
007	Amelia County	19	68	42	129	$90,000	$42,000	$132,000	0	0	0	0
009	Amherst County	131	147	325	603	$1,542,120	$431,150	$1,973,270	4	1	1	0
011	Appomattox County	46	2	216	264	$137,300	$10,650	$147,950	0	0	0	0
013	Arlington County	372	13,269	7,612	21,253	$5,966,991	$3,797,307	$9,764,298	7	0	22	0
015	Augusta County	299	3,119	2,169	5,587	$2,675,229	$1,404,475	$4,079,704	1	0	9	0
017	Bath County	17	20	7	44	$39,500	$7,000	$46,500	0	0	0	0
019	Bedford County	149	548	547	1,244	$963,050	$194,925	$1,157,975	0	1	0	0
021	Bland County	25	22	16	63	$586,000	$116,500	$702,500	0	0	0	0
023	Botetourt County	127	440	330	897	$483,000	$139,200	$622,200	0	0	0	0
025	Brunswick County	107	596	425	1,128	$1,500,650	$327,100	$1,827,750	0	0	0	0
027	Buchanan County	67	55	86	208	$1,828,650	$347,600	$2,176,250	0	0	0	0
029	Buckingham County	66	62	162	290	$392,500	$163,000	$555,500	0	0	0	0
031	Campbell County	215	355	769	1,339	$1,028,000	$630,770	$1,658,770	0	0	0	0
033	Caroline County	82	376	428	886	$89,050	$11,100	$100,150	0	1	1	0
035	Carroll County	124	89	319	532	$1,336,800	$264,460	$1,601,260	0	1	2	0
036	Charles City County	38	72	68	178	$926,200	$545,200	$1,471,400	0	0	0	0
037	Charlotte County	29	184	74	287	$278,600	$20,500	$299,100	0	0	0	0
041	Chesterfield County	1,084	23,197	8,965	33,246	$5,906,958	$7,763,184	$13,670,142	71	3	146	0
043	Clarke County	70	1,400	902	2,372	$103,500	$30,500	$134,000	0	0	0	0
045	Craig County	60	100	27	187	$5,250	$0	$5,250	0	0	0	0
047	Culpeper County	185	634	711	1,530	$3,284,950	$1,384,350	$4,669,300	0	1	4	0
049	Cumberland County	38	57	84	179	$291,000	$113,500	$404,500	1	1	2	0
051	Dickenson County	36	199	80	315	$433,000	$182,500	$615,500	0	0	1	0
053	Dinwiddie County	188	519	456	1,163	$1,629,897	$764,567	$2,394,464	2	0	2	0
057	Essex County	27	76	111	214	$2,350,700	$100,200	$2,450,900	0	0	0	0
059	Fairfax County	1,997	61,829	21,116	84,942	$28,843,813	$2,319,930	$31,163,743	1	0	1	1
061	Fauquier County	272	6,333	1,938	8,543	$315,625	$21,300	$336,925	1	2	1	0
063	Floyd County	67	39	176	282	$964,500	$269,600	$1,234,100	0	0	0	0
065	Fluvanna County	22	231	138	391	$155,000	$0	$155,000	0	0	0	0
067	Franklin County	280	1,874	745	2,899	$679,800	$236,200	$916,000	2	0	6	0
069	Frederick County	379	7,716	1,800	9,895	$1,363,952	$375,652	$1,739,604	0	0	6	0
071	Giles County	42	64	103	209	$201,100	$81,000	$282,100	1	0	0	0
073	Gloucester County	187	1,412	357	1,956	$884,852	$310,755	$1,195,607	2	1	1	0
075	Goochland County	84	359	435	878	$529,500	$141,800	$671,300	0	0	2	0
077	Grayson County	56	153	35	244	$440,800	$220,600	$661,400	0	0	0	0
079	Greene County	131	478	427	1,036	$316,419	$120,019	$436,438	0	0	0	0

Supplemental Table 10. VFIRS Summary Data By Locality, Virginia, 2011

FIPS	County/City	Fires	Rescue and EMS	All Other Calls	Total Incidents	Total Property Loss	Total Contents Loss	Total Fire Dollar Loss	Civilian Fire Injuries	Civilian Fire Deaths	Fire Service Injuries	Fire Service Deaths
081	Greensville County *	-	-	-	-	-	-	-	-	-	-	-
083	Halifax County	248	3,053	350	3,651	$1,465,040	$435,360	$1,900,400	0	1	0	0
085	Hanover County	345	3,209	3,371	6,925	$188,800	$26,400	$215,200	0	0	0	0
087	Henrico County	1,038	30,063	9,051	40,152	$7,811,244	$2,387,528	$10,198,772	33	1	22	0
089	Henry County	278	414	806	1,498	$3,667,525	$2,733,325	$6,400,850	0	3	0	0
091	Highland County	No Incidents Reported										
093	Isle of Wight County	91	505	576	1,172	$250,300	$52,400	$302,700	0	0	0	0
095	James City County	166	5,760	2,378	8,304	$503,840	$334,526	$838,366	9	3	7	0
097	King and Queen County	32	73	107	212	$113,000	$32,000	$145,000	0	0	0	0
099	King George County	97	238	590	925	$456,736	$103,601	$560,337	0	0	4	0
101	King William County	26	201	66	293	$658,000	$123,400	$781,400	1	0	0	0
103	Lancaster County	25	1	100	126	$67,560	$40,150	$107,710	0	0	0	0
105	Lee County	76	64	48	188	$564,060	$178,900	$742,960	1	0	2	0
107	Loudoun County	515	7,630	6,225	14,370	$4,779,351	$1,520,936	$6,300,287	2	0	4	0
109	Louisa County	152	525	829	1,506	$0	$0	$0	0	0	0	0
111	Lunenburg County	56	683	111	850	$402,500	$228,200	$630,700	0	0	2	0
113	Madison County	64	141	134	339	$0	$0	$0	0	0	0	0
115	Mathews County	63	135	111	309	$170,500	$41,300	$211,800	0	0	0	0
117	Mecklenburg County	220	53	619	892	$599,500	$139,000	$738,500	0	1	2	0
119	Middlesex County	45	66	98	209	$779,800	$318,500	$1,098,300	0	0	0	0
121	Montgomery County	298	479	1,187	1,964	$2,142,295	$1,471,815	$3,614,110	3	0	3	0
125	Nelson County	94	292	351	737	$798,850	$483,720	$1,282,570	0	0	0	0
127	New Kent County	112	1,565	886	2,563	$269,750	$53,300	$323,050	0	0	0	0
131	Northampton County	33	1,075	226	1,334	$421,850	$42,952	$464,802	1	0	0	0
133	Northumberland County	58	90	150	298	$849,299	$520,499	$1,369,798	0	0	4	0
135	Nottoway County	40	395	59	494	$0	$0	$0	0	0	0	0
137	Orange County	115	453	521	1,089	$976,108	$289,700	$1,265,808	1	1	2	0
139	Page County	100	273	465	838	$1,403,000	$344,000	$1,747,000	0	1	0	0
141	Patrick County	91	708	348	1,147	$667,500	$475,150	$1,142,650	0	0	0	0
143	Pittsylvania County	366	2,876	802	4,044	$1,166,432	$178,816	$1,345,248	0	2	0	0
145	Powhatan County	99	666	595	1,360	$172,551	$90,601	$263,152	0	0	1	0
147	Prince Edward County	32	48	84	164	$284,020	$23,280	$307,300	0	0	0	0
149	Prince George County	163	224	983	1,370	$0	$0	$0	0	0	1	0
153	Prince William County	645	12,581	4,766	17,992	$392,600	$20,600	$413,200	0	0	0	0
155	Pulaski County	120	284	644	1,048	$343,400	$61,500	$404,900	1	1	2	0
157	Rappahannock County	74	617	311	1,002	$574,000	$314,300	$888,300	0	0	0	0
159	Richmond County	2	8	9	19	$85,000	$6,000	$91,000	0	0	0	0
161	Roanoke County	174	11,182	2,178	13,534	$262,020	$6,450	$268,470	1	1	0	0
163	Rockbridge County	88	794	303	1,185	$384,220	$233,900	$618,120	0	0	0	0

Supplemental Table 10. VFIRS Summary Data By Locality, Virginia, 2011

FIPS	County/City	Fires	Rescue and EMS	All Other Calls	Total Incidents	Total Property Loss	Total Contents Loss	Total Fire Dollar Loss	Civilian Fire Injuries	Civilian Fire Deaths	Fire Service Injuries	Fire Service Deaths
165	Rockingham County	274	3,419	1,864	5,557	$872,350	$325,900	$1,198,250	7	0	1	0
167	Russell County	36	19	101	156	$63,200	$17,000	$80,200	0	1	0	0
169	Scott County	77	150	192	419	$1,116,600	$388,000	$1,504,600	4	0	1	0
171	Shenandoah County	104	355	840	1,299	$279,200	$342,860	$622,060	0	0	1	0
173	Smyth County	132	1,098	248	1,478	$1,576,450	$972,600	$2,549,050	3	0	4	0
175	Southampton County	74	238	127	439	$567,975	$105,151	$673,126	1	0	1	0
177	Spotsylvania County	292	9,450	2,552	12,294	$870,410	$215,650	$1,086,060	5	1	1	0
179	Stafford County	294	8,329	4,137	12,760	$2,572,085	$571,964	$3,144,049	14	1	7	0
181	Surry County	31	22	156	209	$442,000	$44,250	$486,250	0	0	0	0
183	Sussex County	74	360	108	542	$349,100	$140,800	$489,900	1	0	0	0
185	Tazewell County	118	214	550	882	$1,006,400	$180,726	$1,187,126	0	0	0	0
187	Warren County	137	2,114	663	2,914	$877,702	$117,000	$994,702	4	0	1	0
191	Washington County	186	988	703	1,877	$1,627,275	$372,480	$1,999,755	1	0	1	0
193	Westmoreland County	66	603	424	1,093	$315,200	$66,300	$381,500	0	0	3	0
195	Wise County	102	338	155	595	$750,500	$170,600	$921,100	1	0	0	0
197	Wythe County	151	149	272	572	$2,008,250	$850,930	$2,859,180	1	0	2	0
199	York County	167	5,021	3,073	8,261	$663,205	$252,925	$916,130	2	0	23	0
510	Alexandria	289	10,835	5,951	17,075	$2,882,697	$460,925	$3,343,622	9	0	61	0
515	Bedford	81	301	316	698	$489,800	$96,200	$586,000	1	0	0	0
520	Bristol	137	1,361	727	2,225	$426,872	$164,925	$591,797	9	1	12	0
530	Buena Vista	43	216	89	348	$688,950	$249,800	$938,750	0	0	0	0
540	Charlottesville	193	2,429	2,079	4,701	$887,976	$398,995	$1,286,971	7	0	2	0
550	Chesapeake	629	18,874	5,470	24,973	$4,915,846	$1,411,687	$6,327,533	31	5	7	0
570	Colonial Heights	67	3,092	1,214	4,373	$150,585	$38,436	$189,021	3	0	1	0
580	Covington	35	48	156	239	$154,500	$73,300	$227,800	0	0	3	0
590	Danville	303	4,317	1,798	6,418	$1,304,181	$433,492	$1,737,673	11	0	11	0
595	Emporia	90	132	72	294	$666,000	$150,150	$816,150	0	0	0	0
600	Fairfax	56	2,616	767	3,439	$0	$0	$0	0	0	0	0
610	Falls Church **	-	-	-	-	-	-	-	-	-	-	-
620	Franklin	63	1,647	293	2,003	$190,990	$81,102	$272,092	0	0	1	0
630	Fredericksburg	120	2,015	1,541	3,676	$373,110	$92,320	$465,430	0	0	0	0
640	Galax	50	58	81	189	$153,300	$41,250	$194,550	0	0	0	0
650	Hampton	593	16,682	5,530	22,805	$4,022,492	$1,340,473	$5,362,965	8	1	1	0
660	Harrisonburg	172	2,603	1,737	4,512	$478,302	$97,330	$575,632	9	1	31	0
670	Hopewell	128	2,428	1,022	3,578	$537,698	$128,870	$666,568	1	1	0	0
678	Lexington	51	159	241	451	$443,350	$85,375	$528,725	3	0	5	0
680	Lynchburg	261	4,615	1,941	6,817	$1,539,650	$1,575,702	$3,115,352	9	3	6	0
683	Manassas	62	1,348	793	2,203	$17,020	$520	$17,540	1	0	0	0
685	Manassas Park	34	642	244	920	$405,300	$231,315	$636,615	1	0	0	0

Supplemental Table 10. VFIRS Summary Data By Locality, Virginia, 2011

FIPS	County/City	Fires	Rescue and EMS	All Other Calls	Total Incidents	Total Property Loss	Total Contents Loss	Total Fire Dollar Loss	Civilian Fire Injuries	Civilian Fire Deaths	Fire Service Injuries	Fire Service Deaths
690	Martinsville	68	2,595	289	2,952	$309,700	$263,955	$573,655	1	0	0	0
700	Newport News	725	22,185	5,131	28,041	$5,260,754	$3,835,530	$9,096,284	37	1	15	0
710	Norfolk	620	9,880	7,129	17,629	$1,844,911	$533,247	$2,378,158	2	1	0	0
720	Norton	21	43	67	131	$2,000	$100	$2,100	0	0	0	0
730	Petersburg	194	1,785	1,711	3,690	$3,000,615	$1,455,120	$4,455,735	15	1	12	0
735	Poquoson	39	317	546	902	$305,100	$209,500	$514,600	0	0	0	0
740	Portsmouth	513	13,008	3,581	17,102	$2,281,635	$684,711	$2,966,346	1	0	3	0
750	Radford	99	128	419	646	$140,201	$24,300	$164,501	0	0	0	0
760	Richmond	1,365	15,732	16,406	33,503	$4,616,406	$1,240,905	$5,857,311	37	3	108	0
770	Roanoke	397	18,325	3,739	22,461	$4,889,739	$1,414,345	$6,304,084	19	1	5	0
775	Salem	91	2,457	584	3,132	$362,100	$15,595	$377,695	1	0	2	0
790	Staunton	69	1,747	1,136	2,952	$235,010	$61,250	$296,260	7	0	1	0
800	Suffolk	468	7,773	3,206	11,447	$2,382,297	$807,364	$3,189,661	1	1	4	0
810	Virginia Beach	1,167	17,880	13,476	32,523	$9,239,564	$2,716,461	$11,956,025	55	3	11	0
820	Waynesboro	92	586	679	1,357	$194,343	$37,342	$231,685	0	0	2	0
830	Williamsburg	49	2,055	960	3,064	$55,975	$36,285	$92,260	0	0	0	0
840	Winchester	91	4,092	920	5,103	$286,680	$141,985	$428,665	3	0	1	0
920	Military, Federal or Airport	81	3,184	2,011	5,276	$235,725	$501,000	$736,725	1	0	0	0
Grand Total		**25,906**	**451,988**	**206,306**	**684,200**	**$176,733,602**	**$63,169,985**	**$239,903,587**	**479**	**56**	**623**	**1**

Note: **Data is compiled from information reported to the Virginia Fire Incident Reporting System (VFIRS) for 2011 as of 3/8/2012.** 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.

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

** The City of Falls Church (FIPS 610) 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, 2011

FIPS	County/City	2010 Census Population	Percent of Participating Fire Departments	Fire Incidents	Total Incidents	Total Fire Dollar Loss	Fire Incident Rate Per 1,000 Residents	Incident Rate Per 1,000 Residents	Average Dollar Loss Per Fire Incident
001	Accomack County	33,164	100.0%	235	1,801	$1,536,225	7.1	54.3	$7,281
003	Albemarle County	98,970	100.0%	313	7,149	$783,178	3.2	72.2	$2,502
005	Alleghany County	16,250	100.0%	78	539	$553,000	4.8	33.2	$8,919
007	Amelia County	12,690	80.0%	19	129	$132,000	1.9	12.7	$8,800
009	Amherst County	32,353	100.0%	131	603	$1,973,270	4.0	18.6	$17,777
011	Appomattox County	14,973	50.0%	46	264	$147,950	6.1	35.3	$3,216
013	Arlington County	207,627	100.0%	372	21,253	$9,764,298	1.8	102.4	$26,248
015	Augusta County	73,750	100.0%	299	5,587	$4,079,704	4.1	75.8	$42,497
017	Bath County	4,731	66.7%	17	44	$46,500	5.4	14.0	$5,813
019	Bedford County	68,676	100.0%	149	1,244	$1,157,975	2.2	18.1	$7,824
021	Bland County	6,824	66.7%	25	63	$702,500	5.5	13.8	$33,452
023	Botetourt County	33,148	100.0%	127	897	$622,200	3.8	27.1	$4,899
025	Brunswick County	17,434	100.0%	107	1,128	$1,827,750	6.1	64.7	$20,770
027	Buchanan County	24,098	80.0%	67	208	$2,176,250	3.5	10.8	$50,610
029	Buckingham County	17,146	100.0%	66	290	$555,500	3.8	16.9	$8,546
031	Campbell County	54,842	100.0%	215	1,339	$1,658,770	3.9	24.4	$7,824
033	Caroline County	28,545	66.7%	82	886	$100,150	4.3	46.6	$8,346
035	Carroll County	30,042	75.0%	124	532	$1,601,260	5.5	23.6	$13,234
036	Charles City County	7,256	100.0%	38	178	$1,471,400	5.2	24.5	$38,721
037	Charlotte County	12,586	42.9%	29	287	$299,100	5.4	53.2	$11,504
041	Chesterfield County	316,236	100.0%	1,084	33,246	$13,670,142	3.4	105.1	$12,205
043	Clarke County	14,034	100.0%	70	2,372	$134,000	5.0	169.0	$6,700
045	Craig County	5,190	100.0%	60	187	$5,250	11.6	36.0	$91
047	Culpeper County	46,689	100.0%	185	1,530	$4,669,300	4.0	32.8	$29,002
049	Cumberland County	10,052	100.0%	38	179	$404,500	3.8	17.8	$10,932
051	Dickenson County	15,903	100.0%	36	315	$615,500	2.3	19.8	$18,652
053	Dinwiddie County	28,001	100.0%	188	1,163	$2,394,464	6.7	41.5	$15,650
057	Essex County	11,151	100.0%	27	214	$2,450,900	2.4	19.2	$98,036
059	Fairfax County	1,081,726	100.0%	1,997	84,942	$31,163,743	1.8	78.5	$15,497
061	Fauquier County	65,203	100.0%	272	8,543	$336,925	4.2	131.0	$5,183
063	Floyd County	15,279	100.0%	67	282	$1,234,100	4.4	18.5	$18,419
065	Fluvanna County	25,691	25.0%	22	391	$155,000	3.4	60.9	$155,000
067	Franklin County	56,159	91.7%	280	2,899	$916,000	5.4	56.3	$17,961
069	Frederick County	78,305	100.0%	379	9,895	$1,739,604	4.8	126.4	$4,590
071	Giles County	17,286	75.0%	42	209	$282,100	3.2	16.1	$8,297
073	Gloucester County	36,858	100.0%	187	1,956	$1,195,607	5.1	53.1	$15,732
075	Goochland County	21,717	100.0%	84	878	$671,300	3.9	40.4	$7,716
077	Grayson County	15,533	83.3%	56	244	$661,400	4.3	18.9	$12,248
079	Greene County	18,403	100.0%	131	1,036	$436,438	7.1	56.3	$8,393

Supplemental Table 11. VFIRS Rate Summary By Locality, Virginia, 2011

FIPS	County/City	2010 Census Population	Percent of Participating Fire Departments	Fire Incidents	Total Incidents	Total Fire Dollar Loss	Fire Incident Rate Per 1,000 Residents	Incident Rate Per 1,000 Residents	Average Dollar Loss Per Fire Incident
081	Greensville County *	12,243	-	-	-	-	-	-	-
083	Halifax County	36,241	83.3%	248	3,651	$1,900,400	8.2	120.9	$8,299
085	Hanover County	99,863	100.0%	345	6,925	$215,200	3.5	69.3	$620
087	Henrico County	306,935	100.0%	1,038	40,152	$10,198,772	3.4	130.8	$9,603
089	Henry County	54,151	100.0%	278	1,498	$6,400,850	5.1	27.7	$23,276
091	Highland County	2,321	0.0%	No Incidents Reported					
093	Isle of Wight County	35,270	80.0%	91	1,172	$302,700	3.2	41.5	$23,285
095	James City County	67,009	100.0%	166	8,304	$838,366	2.5	123.9	$4,737
097	King and Queen County	6,945	100.0%	32	212	$145,000	4.6	30.5	$4,531
099	King George County	23,584	100.0%	97	925	$560,337	4.1	39.2	$5,603
101	King William County	15,935	100.0%	26	293	$781,400	1.6	18.4	$30,054
103	Lancaster County	11,391	33.3%	25	126	$107,710	6.6	33.2	$4,308
105	Lee County	25,587	60.0%	76	188	$742,960	5.0	12.2	$10,040
107	Loudoun County	312,311	100.0%	515	14,370	$6,300,287	1.6	46.0	$13,236
109	Louisa County	33,153	85.7%	152	1,506	$0	5.3	53.0	$0
111	Lunenburg County	12,914	66.7%	56	850	$630,700	6.5	98.7	$11,263
113	Madison County	13,308	100.0%	64	339	$0	4.8	25.5	$0
115	Mathews County	8,978	100.0%	63	309	$211,800	7.0	34.4	$3,362
117	Mecklenburg County	32,727	87.5%	220	892	$738,500	7.7	31.1	$10,703
119	Middlesex County	10,959	75.0%	45	209	$1,098,300	5.5	25.4	$26,788
121	Montgomery County	94,392	80.0%	298	1,964	$3,614,110	3.9	26.0	$12,954
125	Nelson County	15,020	100.0%	94	737	$1,282,570	6.3	49.1	$17,813
127	New Kent County	18,429	100.0%	112	2,563	$323,050	6.1	139.1	$2,884
131	Northampton County	12,389	60.0%	33	1,334	$464,802	4.4	179.5	$15,493
133	Northumberland County	12,330	100.0%	58	298	$1,369,798	4.7	24.2	$24,461
135	Nottoway County	15,853	66.7%	40	494	$0	3.8	46.7	$0
137	Orange County	33,481	83.3%	115	1,089	$1,265,808	4.1	39.0	$12,410
139	Page County	24,042	100.0%	100	838	$1,747,000	4.2	34.9	$18,010
141	Patrick County	18,490	88.9%	91	1,147	$1,142,650	5.5	69.8	$12,985
143	Pittsylvania County	63,506	81.0%	366	4,044	$1,345,248	7.1	78.7	$3,866
145	Powhatan County	28,046	100.0%	99	1,360	$263,152	3.5	48.5	$2,580
147	Prince Edward County	23,368	60.0%	32	164	$307,300	2.3	11.7	$9,603
149	Prince George County	35,725	100.0%	163	1,370	$0	4.6	38.3	$0
153	Prince William County	402,002	100.0%	645	17,992	$413,200	1.6	44.8	$641
155	Pulaski County	34,872	100.0%	120	1,048	$404,900	3.4	30.1	$3,521
157	Rappahannock County	7,373	100.0%	74	1,002	$888,300	10.0	135.9	$29,610
159	Richmond County	9,254	100.0%	2	19	$91,000	0.2	2.1	$45,500
161	Roanoke County	92,376	66.7%	174	13,534	$268,470	2.8	219.8	$5,369
163	Rockbridge County	22,307	100.0%	88	1,185	$618,120	3.9	53.1	$9,226

Supplemental Table 11. VFIRS Rate Summary By Locality, Virginia, 2011

FIPS	County/City	2010 Census Population	Percent of Participating Fire Departments	Fire Incidents	Total Incidents	Total Fire Dollar Loss	Fire Incident Rate Per 1,000 Residents	Incident Rate Per 1,000 Residents	Average Dollar Loss Per Fire Incident
165	Rockingham County	76,314	100.0%	274	5,557	$1,198,250	3.6	72.8	$23,965
167	Russell County	28,897	42.9%	36	156	$80,200	2.9	12.6	$2,864
169	Scott County	23,177	85.7%	77	419	$1,504,600	3.9	21.1	$19,797
171	Shenandoah County	41,993	50.0%	104	1,299	$622,060	5.0	61.9	$8,521
173	Smyth County	32,208	85.7%	132	1,478	$2,549,050	4.8	53.5	$20,392
175	Southampton County	18,570	87.5%	74	439	$673,126	4.6	27.0	$8,857
177	Spotsylvania County	122,397	100.0%	292	12,294	$1,086,060	2.4	100.4	$3,669
179	Stafford County	128,961	100.0%	294	12,760	$3,144,049	2.3	98.9	$13,494
181	Surry County	7,058	100.0%	31	209	$486,250	4.4	29.6	$16,767
183	Sussex County	12,087	80.0%	74	542	$489,900	7.7	56.1	$7,312
185	Tazewell County	45,078	47.1%	118	882	$1,187,126	5.6	41.6	$10,060
187	Warren County	37,575	100.0%	137	2,914	$994,702	3.6	77.6	$62,169
191	Washington County	54,876	77.8%	186	1,877	$1,999,755	4.4	44.0	$10,988
193	Westmoreland County	17,454	100.0%	66	1,093	$381,500	3.8	62.6	$8,293
195	Wise County	41,452	85.7%	102	595	$921,100	2.9	16.7	$9,030
197	Wythe County	29,235	100.0%	151	572	$2,859,180	5.2	19.6	$18,935
199	York County	65,464	100.0%	167	8,261	$916,130	2.6	126.2	$5,421
510	Alexandria	139,966	100.0%	289	17,075	$3,343,622	2.1	122.0	$17,506
515	Bedford	6,222	100.0%	81	698	$586,000	13.0	112.2	$7,325
520	Bristol	17,835	100.0%	137	2,225	$591,797	7.7	124.8	$6,363
530	Buena Vista	6,650	100.0%	43	348	$938,750	6.5	52.3	$23,469
540	Charlottesville	43,475	100.0%	193	4,701	$1,286,971	4.4	108.1	$6,668
550	Chesapeake	222,209	100.0%	629	24,973	$6,327,533	2.8	112.4	$9,558
570	Colonial Heights	17,411	100.0%	67	4,373	$189,021	3.8	251.2	$2,821
580	Covington	5,961	100.0%	35	239	$227,800	5.9	40.1	$6,509
590	Danville	43,055	100.0%	303	6,418	$1,737,673	7.0	149.1	$5,552
595	Emporia	5,927	100.0%	90	294	$816,150	15.2	49.6	$9,068
600	Fairfax	22,565	100.0%	56	3,439	$0	2.5	152.4	$0
610	Falls Church **	12,332	100.0%	-	-	-	-	-	-
620	Franklin	8,582	100.0%	63	2,003	$272,092	7.3	233.4	$4,389
630	Fredericksburg	24,286	100.0%	120	3,676	$465,430	4.9	151.4	$4,231
640	Galax	7,042	100.0%	50	189	$194,550	7.1	26.8	$3,891
650	Hampton	137,436	100.0%	593	22,805	$5,362,965	4.3	165.9	$9,013
660	Harrisonburg	48,914	100.0%	172	4,512	$575,632	3.5	92.2	$2,998
670	Hopewell	22,591	100.0%	128	3,578	$666,568	5.7	158.4	$5,088
678	Lexington	7,042	100.0%	51	451	$528,725	7.2	64.0	$9,976
680	Lynchburg	75,568	100.0%	261	6,817	$3,115,352	3.5	90.2	$11,936
683	Manassas	37,821	100.0%	62	2,203	$17,540	1.6	58.2	$2,193
685	Manassas Park	14,273	100.0%	34	920	$636,615	2.4	64.5	$17,684

Supplemental Table 11. VFIRS Rate Summary By Locality, Virginia, 2011

FIPS	County/City	2010 Census Population	Percent of Participating Fire Departments	Fire Incidents	Total Incidents	Total Fire Dollar Loss	Fire Incident Rate Per 1,000 Residents	Incident Rate Per 1,000 Residents	Average Dollar Loss Per Fire Incident
690	Martinsville	13,821	100.0%	68	2,952	$573,655	4.9	213.6	$8,825
700	Newport News	180,719	100.0%	725	28,041	$9,096,284	4.0	155.2	$11,969
710	Norfolk	242,803	100.0%	620	17,629	$2,378,158	2.6	72.6	$14,863
720	Norton	3,958	100.0%	21	131	$2,100	5.3	33.1	$100
730	Petersburg	32,420	100.0%	194	3,690	$4,455,735	6.0	113.8	$22,618
735	Poquoson	12,150	100.0%	39	902	$514,600	3.2	74.2	$13,542
740	Portsmouth	95,535	100.0%	513	17,102	$2,966,346	5.4	179.0	$8,549
750	Radford	16,408	100.0%	99	646	$164,501	6.0	39.4	$1,662
760	Richmond	204,214	100.0%	1,365	33,503	$5,857,311	6.7	164.1	$4,241
770	Roanoke	97,032	100.0%	397	22,461	$6,304,084	4.1	231.5	$15,643
775	Salem	24,802	100.0%	91	3,132	$377,695	3.7	126.3	$12,590
790	Staunton	23,746	100.0%	69	2,952	$296,260	2.9	124.3	$7,054
800	Suffolk	84,585	100.0%	468	11,447	$3,189,661	5.5	135.3	$10,289
810	Virginia Beach	437,994	100.0%	1,167	32,523	$11,956,025	2.7	74.3	$10,969
820	Waynesboro	21,006	100.0%	92	1,357	$231,685	4.4	64.6	$2,340
830	Williamsburg	14,068	100.0%	49	3,064	$92,260	3.5	217.8	$1,883
840	Winchester	26,203	100.0%	91	5,103	$428,665	3.5	194.7	$5,228
920	Military, Federal or Airport		62.5%	81	5,276	$736,725	-	-	$12,925
Grand Total		**8,001,024**	**86.4%**	**25,906**	**684,200**	**$239,903,587**	**3.7**	**99.0**	**$10,708**

Note: **Data is compiled from information reported to the Virginia Fire Incident Reporting System (VFIRS) for 2011 as of 3/8/2012.** 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.

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

** The City of Falls Church (FIPS 610) 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 12. VFIRS Incident Summary By Month, Virginia, 2011

FIPS	County/City	Percent of Participating Fire Depts	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Grand Total
001	Accomack County	100.0%	118	128	131	160	150	150	193	241	136	147	125	122	1,801
003	Albemarle County	100.0%	548	687	517	633	535	550	678	950	508	503	479	561	7,149
005	Alleghany County	100.0%	53	71	47	56	33	48	49	39	26	41	36	40	539
007	Amelia County	80.0%	36	11	12	9	8	9	7	16	9	8	4		129
009	Amherst County	100.0%	48	54	55	48	53	48	57	51	55	55	47	32	603
011	Appomattox County	50.0%	13	25	23	27	17	26	25	20	25	20	20	23	264
013	Arlington County	100.0%	2,272	1,719	1,810	1,718	1,835	1,781	1,901	1,858	1,760	1,697	1,458	1,444	21,253
015	Augusta County	100.0%	532	441	486	448	475	449	515	447	424	519	432	419	5,587
017	Bath County	66.7%	8	2	10	7	4	5	6	1	1				44
019	Bedford County	100.0%	95	93	120	116	98	108	120	100	105	98	84	107	1,244
021	Bland County	66.7%	2	2	10	6	9	6	7	7	5	1	5	3	63
023	Botetourt County	100.0%	63	86	84	95	65	87	93	74	77	55	53	65	897
025	Brunswick County	100.0%	103	102	83	82	85	96	86	142	79	88	100	82	1,128
027	Buchanan County	80.0%	20	23	19	9	17	33	14	16	15	16	16	10	208
029	Buckingham County	100.0%	24	45	24	27	18	22	21	29	9	22	24	25	290
031	Campbell County	100.0%	147	139	111	91	111	100	104	85	102	114	137	98	1,339
033	Caroline County	66.7%	66	91	87	76	82	93	88	104	53	47	43	56	886
035	Carroll County	75.0%	38	53	67	47	37	55	45	38	49	33	31	39	532
036	Charles City County	100.0%	9	23	12	15	17	12	11	21	13	12	19	14	178
037	Charlotte County	42.9%	35	31	32	13	26	23	38	33	8	18	14	16	287
041	Chesterfield County	100.0%	2,657	2,600	2,609	2,538	2,641	2,794	3,027	3,323	2,822	2,812	2,666	2,757	33,246
043	Clarke County	100.0%	150	143	155	173	170	190	237	249	255	211	219	220	2,372
045	Craig County	100.0%	10	22	10	26	13	15	11	18	16	21	12	13	187
047	Culpeper County	100.0%	159	123	109	129	121	134	126	182	109	124	110	104	1,530
049	Cumberland County	100.0%	17	14	13	19	14	17	24	16	17	10	10	8	179
051	Dickenson County	100.0%	21	14	20	37	29	35	27	23	32	27	18	32	315
053	Dinwiddie County	100.0%	105	119	106	86	87	96	97	114	85	105	49	114	1,163
057	Essex County	100.0%	25	24	11	12	15	8	23	15	19	13	25	24	214
059	Fairfax County	100.0%	7,222	6,435	6,697	6,673	7,190	7,356	7,589	7,310	7,308	7,279	6,830	7,053	84,942
061	Fauquier County	100.0%	686	838	800	723	826	671	839	888	718	665	638	251	8,543
063	Floyd County	100.0%	21	34	22	23	15	20	29	29	20	16	24	29	282
065	Fluvanna County	25.0%	36	46	30	38	39	23	27	45	28	28	22	29	391
067	Franklin County	91.7%	138	310	470	420	189	235	219	170	159	173	161	255	2,899
069	Frederick County	100.0%	807	825	739	797	820	843	877	871	818	911	792	795	9,895
071	Giles County	75.0%	22	18	18	19	19	18	28	10	22	14	7	14	209
073	Gloucester County	100.0%	180	192	165	177	155	168	178	169	145	164	123	140	1,956
075	Goochland County	100.0%	72	101	65	73	40	68	80	87	75	71	69	77	878
077	Grayson County	83.3%	27	31	22	24	18	19	19	22	17	19	12	14	244
079	Greene County	100.0%	103	102	101	120	74	85	50	106	86	90	66	53	1,036

Supplemental Table 12. VFIRS Incident Summary By Month, Virginia, 2011

FIPS	County/City	Percent of Participating Fire Depts	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Grand Total
081	Greensville County *	-	-	-	-	-	-	-	-	-	-	-	-	-	-
083	Halifax County	83.3%	311	306	331	333	262	273	313	286	325	340	281	290	3,651
085	Hanover County	100.0%	488	588	517	534	512	611	655	923	571	538	523	465	6,925
087	Henrico County	100.0%	3,242	3,081	3,287	3,252	3,195	3,326	3,450	4,175	3,432	3,218	3,132	3,362	40,152
089	Henry County	100.0%	143	138	136	151	124	128	123	116	100	111	114	114	1,498
091	Highland County	0.0%	No Incidents Reported												
093	Isle of Wight County	80.0%	130	121	129	132	100	74	83	140	75	52	59	77	1,172
095	James City County	100.0%	620	582	627	653	707	721	775	981	695	673	625	645	8,304
097	King and Queen County	100.0%	13	25	18	16	11	28	15	26	17	12	16	15	212
099	King George County	100.0%	82	67	57	73	69	60	75	172	67	76	65	62	925
101	King William County	100.0%	17	22	4	12	6	14	10	25	19	50	55	59	293
103	Lancaster County	33.3%	9	13	13	11	11	7	9	15	12	5	10	11	126
105	Lee County	60.0%	11	21	28	21	25	7	22	9	14	13	8	9	188
107	Loudoun County	100.0%	1,293	1,200	1,193	1,101	1,143	1,203	1,293	1,186	1,257	1,258	1,122	1,121	14,370
109	Louisa County	85.7%	132	170	117	99	109	106	118	182	86	134	143	110	1,506
111	Lunenburg County	66.7%	78	72	71	69	65	79	81	85	57	64	66	63	850
113	Madison County	100.0%	36	43	22	26	27	27	32	28	25	25	29	19	339
115	Mathews County	100.0%	22	29	23	26	29	21	16	30	27	28	34	24	309
117	Mecklenburg County	87.5%	62	89	75	80	81	69	87	109	96	53	34	57	892
119	Middlesex County	75.0%	14	18	7	28	12	20	19	30	16	16	13	16	209
121	Montgomery County	80.0%	144	133	150	188	175	154	148	174	205	188	152	153	1,964
125	Nelson County	100.0%	74	94	55	79	55	59	76	65	52	42	40	46	737
127	New Kent County	100.0%	157	193	176	183	171	251	308	312	260	210	171	171	2,563
131	Northampton County	60.0%	121	97	119	103	127	140	106	130	100	105	100	86	1,334
133	Northumberland County	100.0%	19	28	22	18	32	23	22	33	20	29	19	33	298
135	Nottoway County	66.7%	59	39	37	44	35	39	31	48	35	39	51	37	494
137	Orange County	83.3%	118	115	98	94	72	92	94	85	79	105	96	41	1,089
139	Page County	100.0%	89	81	85	67	63	60	74	89	55	55	59	61	838
141	Patrick County	88.9%	102	78	102	98	98	116	109	93	78	89	84	100	1,147
143	Pittsylvania County	81.0%	386	351	298	377	366	333	385	329	311	305	311	292	4,044
145	Powhatan County	100.0%	120	123	108	103	86	118	134	152	114	110	84	108	1,360
147	Prince Edward County	60.0%	23	18	8	13	13	14	13	16	8	16	10	12	164
149	Prince George County	100.0%	75	97	94	114	90	103	118	305	109	89	94	82	1,370
153	Prince William County	100.0%	2,078	1,969	2,082	2,025	2,140	1,314	643	1,731	1,706	1,449	492	363	17,992
155	Pulaski County	100.0%	75	76	74	140	70	87	121	63	85	85	87	85	1,048
157	Rappahannock County	100.0%	73	108	80	64	79	83	109	86	91	80	80	69	1,002
159	Richmond County	100.0%	18				1								19
161	Roanoke County	66.7%	1,147	1,059	1,081	1,002	1,080	1,142	1,217	1,183	1,145	1,177	1,126	1,175	13,534
163	Rockbridge County	100.0%	93	77	96	115	125	109	88	127	84	94	87	90	1,185

Supplemental Table 12. VFIRS Incident Summary By Month, Virginia, 2011

FIPS	County/City	Percent of Participating Fire Depts	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Grand Total
165	Rockingham County	100.0%	455	446	436	495	457	485	478	480	469	481	419	456	5,557
167	Russell County	42.9%	14	11	20	17	9	16	8	9	12	12	18	10	156
169	Scott County	85.7%	32	33	29	27	35	47	41	33	35	52	30	25	419
171	Shenandoah County	50.0%	130	117	99	112	111	101	92	100	102	145	115	75	1,299
173	Smyth County	85.7%	114	103	133	121	118	119	119	128	135	142	125	121	1,478
175	Southampton County	87.5%	36	41	42	36	48	26	38	45	19	39	30	39	439
177	Spotsylvania County	100.0%	995	968	1,049	1,021	1,088	996	1,021	1,073	998	1,023	990	1,072	12,294
179	Stafford County	100.0%	1,112	944	987	954	1,103	1,019	1,106	1,221	1,051	1,135	1,043	1,085	12,760
181	Surry County	100.0%	16	22	11	19	35	13	18	27	18	12	8	10	209
183	Sussex County	80.0%	45	43	50	45	36	47	54	59	50	35	43	35	542
185	Tazewell County	47.1%	78	67	75	69	66	78	74	76	87	84	65	63	882
187	Warren County	100.0%	169	297	235	251	206	244	291	294	227	292	164	244	2,914
191	Washington County	77.8%	151	156	164	172	199	136	182	164	133	137	165	118	1,877
193	Westmoreland County	100.0%	150	132	131	111	65	89	62	114	96	43	57	43	1,093
195	Wise County	85.7%	58	69	50	39	47	44	41	45	45	55	43	59	595
197	Wythe County	100.0%	48	48	48	52	49	57	50	56	44	42	36	42	572
199	York County	100.0%	549	631	640	668	711	688	762	994	628	696	642	652	8,261
510	Alexandria	100.0%	1,484	1,359	1,342	1,376	1,417	1,471	1,501	1,558	1,512	1,375	1,368	1,312	17,075
515	Bedford	100.0%	46	62	50	73	42	66	77	61	44	54	53	70	698
520	Bristol	100.0%	183	176	217	198	207	194	208	178	161	142	189	172	2,225
530	Buena Vista	100.0%	13	57	32	38	20	19	25	30	23	23	39	29	348
540	Charlottesville	100.0%	345	376	376	367	372	372	377	467	463	428	383	375	4,701
550	Chesapeake	100.0%	2,120	1,983	1,981	1,965	2,249	2,183	2,192	2,254	2,039	2,000	1,907	2,100	24,973
570	Colonial Heights	100.0%	383	300	334	336	351	336	370	491	387	375	359	351	4,373
580	Covington	100.0%	14	22	14	19	18	25	23	22	17	16	18	31	239
590	Danville	100.0%	543	548	536	569	515	564	559	586	562	518	461	457	6,418
595	Emporia	100.0%	16	24	35	26	24	33	27	23	20	27	22	17	294
600	Fairfax	100.0%	299	257	288	270	288	276	289	279	311	317	292	273	3,439
610	Falls Church **	100.0%	-	-	-	-	-	-	-	-	-	-	-	-	-
620	Franklin	100.0%	195	169	152	158	162	156	136	155	183	178	155	204	2,003
630	Fredericksburg	100.0%	211	220	252	266	274	264	251	363	366	439	383	387	3,676
640	Galax	100.0%	13	24	14	18	19	15	23	12	14	15	10	12	189
650	Hampton	100.0%	1,810	1,737	1,793	1,892	1,880	1,858	2,005	2,238	1,986	1,867	1,844	1,895	22,805
660	Harrisonburg	100.0%	350	367	334	381	348	372	358	436	405	454	324	383	4,512
670	Hopewell	100.0%	260	219	259	324	308	305	320	383	322	316	306	256	3,578
678	Lexington	100.0%	13	28	37	43	49	41	35	37	40	57	37	34	451
680	Lynchburg	100.0%	537	529	592	578	606	562	570	557	539	633	550	564	6,817
683	Manassas	100.0%	210	226	185	176	229	201	207	158	167	179	131	134	2,203
685	Manassas Park	100.0%	99	104	86	81	105	98	97	86	76	88			920

Supplemental Table 12. VFIRS Incident Summary By Month, Virginia, 2011

FIPS	County/City	Percent of Participating Fire Depts	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Grand Total
690	Martinsville	100.0%	249	233	249	247	280	257	157	272	231	249	285	243	2,952
700	Newport News	100.0%	2,271	2,152	2,219	2,274	2,345	2,302	2,516	2,846	2,412	2,310	2,095	2,299	28,041
710	Norfolk	100.0%	1,680	1,552	638	557	936	1,034	1,831	2,104	1,934	1,778	1,574	2,011	17,629
720	Norton	100.0%	8	13	15	15	15	12	9	9	6	11	14	4	131
730	Petersburg	100.0%	351	292	272	301	310	284	325	448	325	284	279	219	3,690
735	Poquoson	100.0%	80	83	61	75	63	99	70	73	60	81	72	85	902
740	Portsmouth	100.0%	1,407	1,311	1,365	1,356	1,677	1,462	1,528	1,599	1,319	1,440	1,282	1,356	17,102
750	Radford	100.0%	39	52	45	59	88	43	39	70	65	63	37	46	646
760	Richmond	100.0%	2,701	2,557	2,652	2,648	2,700	2,771	2,862	3,553	2,868	2,925	2,652	2,614	33,503
770	Roanoke	100.0%	1,832	1,722	1,896	1,795	1,943	1,967	2,084	1,980	1,889	1,823	1,718	1,812	22,461
775	Salem	100.0%	282	243	234	239	268	279	260	262	273	281	242	269	3,132
790	Staunton	100.0%	273	221	229	256	254	235	252	261	257	247	202	265	2,952
800	Suffolk	100.0%	992	859	898	946	1,059	968	912	1,191	952	911	857	902	11,447
810	Virginia Beach	100.0%	2,587	2,542	2,462	2,671	2,979	2,782	3,150	3,150	2,641	2,638	2,397	2,524	32,523
820	Waynesboro	100.0%	99	98	121	109	118	112	135	127	112	114	113	99	1,357
830	Williamsburg	100.0%	207	219	193	240	256	231	262	320	310	318	286	222	3,064
840	Winchester	100.0%	453	385	384	464	398	404	447	461	444	486	374	403	5,103
920	Military, Federal or Airport	62.5%	427	403	440	495	477	483	562	485	359	394	367	384	5,276
Grand Total		**86.4%**	**57,596**	**54,990**	**54,803**	**55,344**	**57,548**	**56,848**	**60,025**	**65,961**	**57,881**	**57,459**	**52,122**	**53,623**	**684,200**

Note: **Data is compiled from information reported to the Virginia Fire Incident Reporting System (VFIRS) for 2011 as of 3/8/2012.** 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.

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

** The City of Falls Church (FIPS 610) 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 DEPARTMENT OF FIRE PROGRAMS

Virginia Fire Service Needs Assessment:

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

Volume IX - January 2013

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 2,013 schools in FY 2012 in Virginia, including 487 funded schools (24%), 1,153 non-funded schools (57%), 30 reimbursable schools (2%), and 343 partial funded schools (17%). (See Figure 46 and Table 33.) The total number of schools have remained closely the same during the last few years with 1,997 schools conducted in FY 2010 and 2,084 conducted in FY 2011. The total number of schools decreased by 71 from FY 2011 to FY 2012.

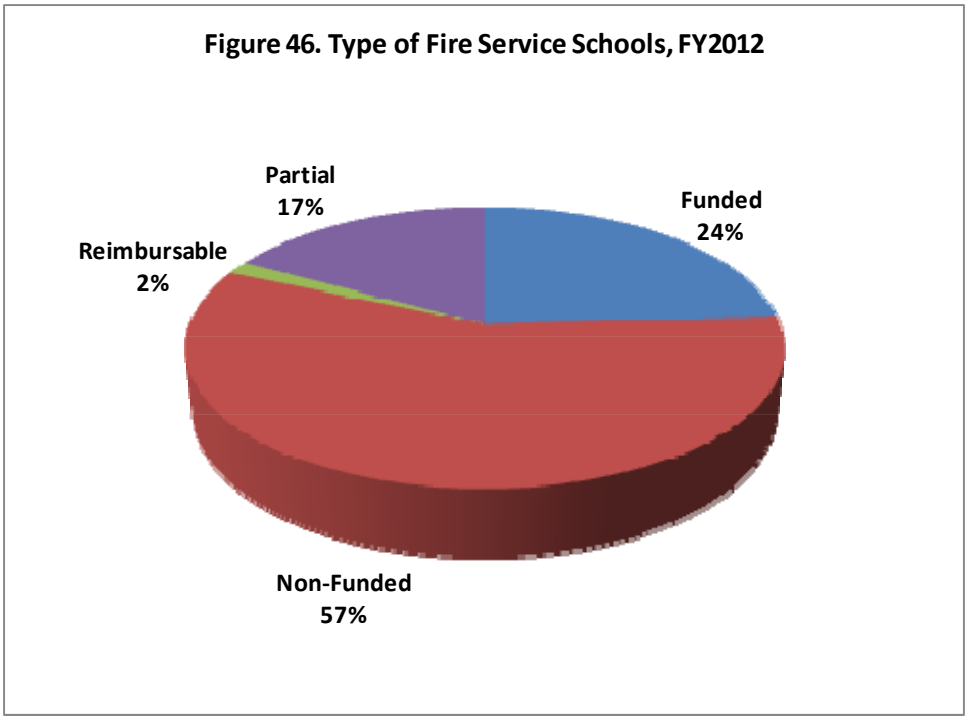
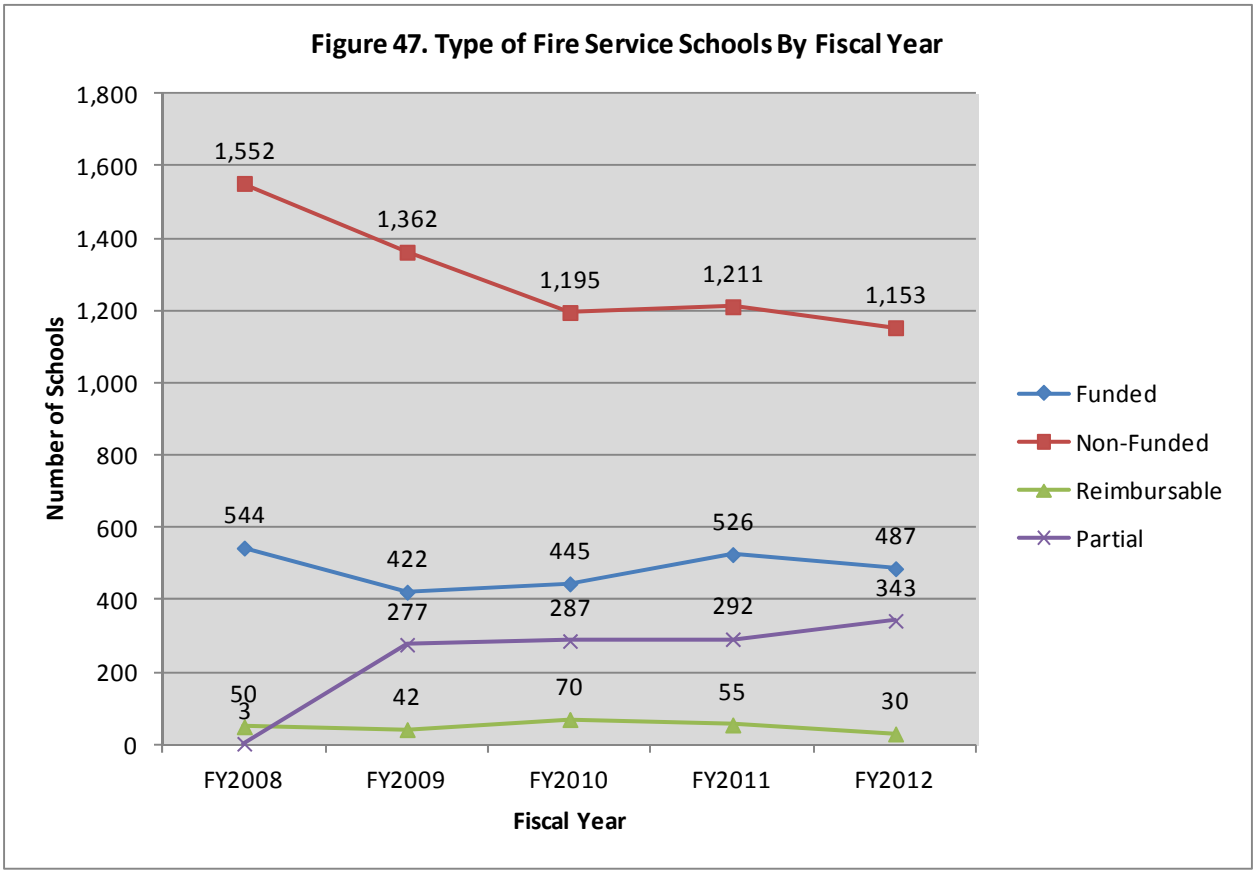


Table 33. Number of Fire Service Schools By Type, FY 2008-2012

School Type	FY2008	FY2009	FY2010	FY2011	FY2012	Grand Total
Funded	544	422	445	526	487	2,424
Non-Funded	1,552	1,362	1,195	1,211	1,153	6,473
Reimbursable	50	42	70	55	30	247
Partial	3	277	287	292	343	1,202
Grand Total	**2,149**	**2,103**	**1,997**	**2,084**	**2,013**	**10,346**



Active Students

Currently, there are 89,871 active students in the Fire Service Training Records System (FSTRS). (See Table 34.)

Table 34. Number of Active Students

Status	Total	Percent
Career	16,237	18.1%
Volunteer	35,114	39.1%
Combination	2,315	2.6%
EMS	10,612	11.8%
Brigade	5,063	5.6%
Other	15,632	17.4%
Unknown or Not Repo	4,898	5.5%
Grand Total	**89,871**	**100.0%**

Table 35. Number of Active Students By VDFP Division

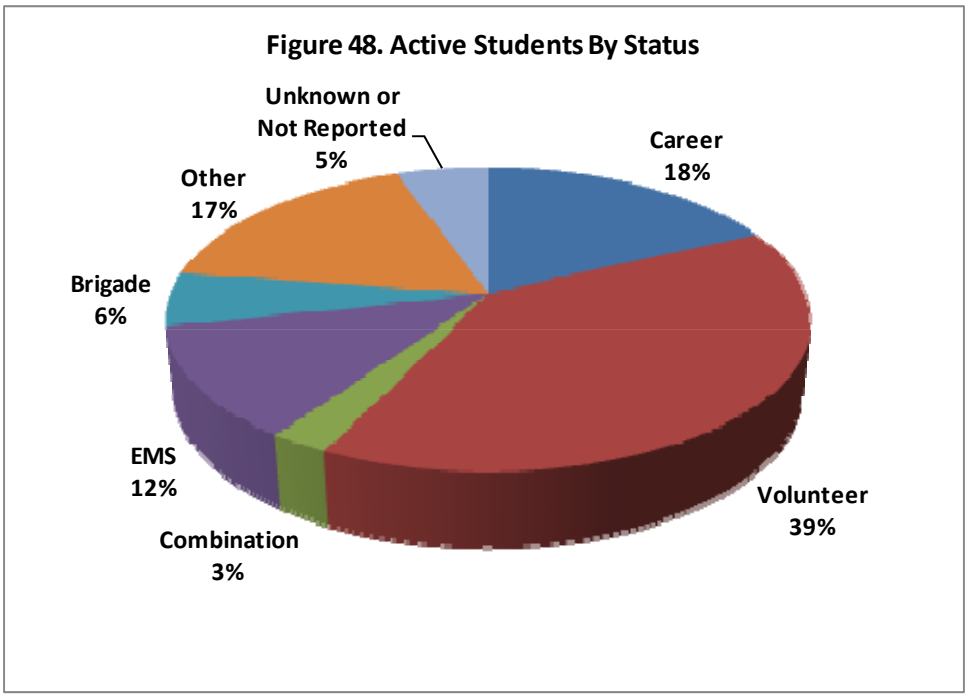
VDFP Division	Career	Volunteer	Combination	EMS	Brigade	Other	Unknown or Not Reported	Grand Total
Division 1 - Richmond	2,558	5,100	278	1,028	2,480	2,436	495	14,375
Division 2 - Orange	860	5,739	481	1,471	154	1,348	455	10,508
Division 3 - Farmville	715	4,992	245	1,335	812	940	352	9,391
Division 4 - Chilhowie	255	4,631	133	647	288	522	221	6,697
Division 5 - Hampton	4,281	4,184	306	1,841	259	1,694	354	12,919
Division 6 - Roanoke	1,116	5,736	175	1,792	856	1,273	344	11,292
Division 7 - Fairfax	3,109	3,910	379	1,113	12	369	1,282	10,174
Grand Total	**12,894**	**34,292**	**1,997**	**9,227**	**4,861**	**8,582**	**3,503**	**75,356**

Note: Active students classified under FIPS code 920 (Military, Federal or Airports) or with a FIPS code not in a VDFP Division 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 chapter.

Personnel Type

Student's classifications were derived from all the different types of fire service. Volunteer firefighters account for 39 percent (39%) of the students and paid career firefighters make up 18 percent (18%). (See Figure 48.)



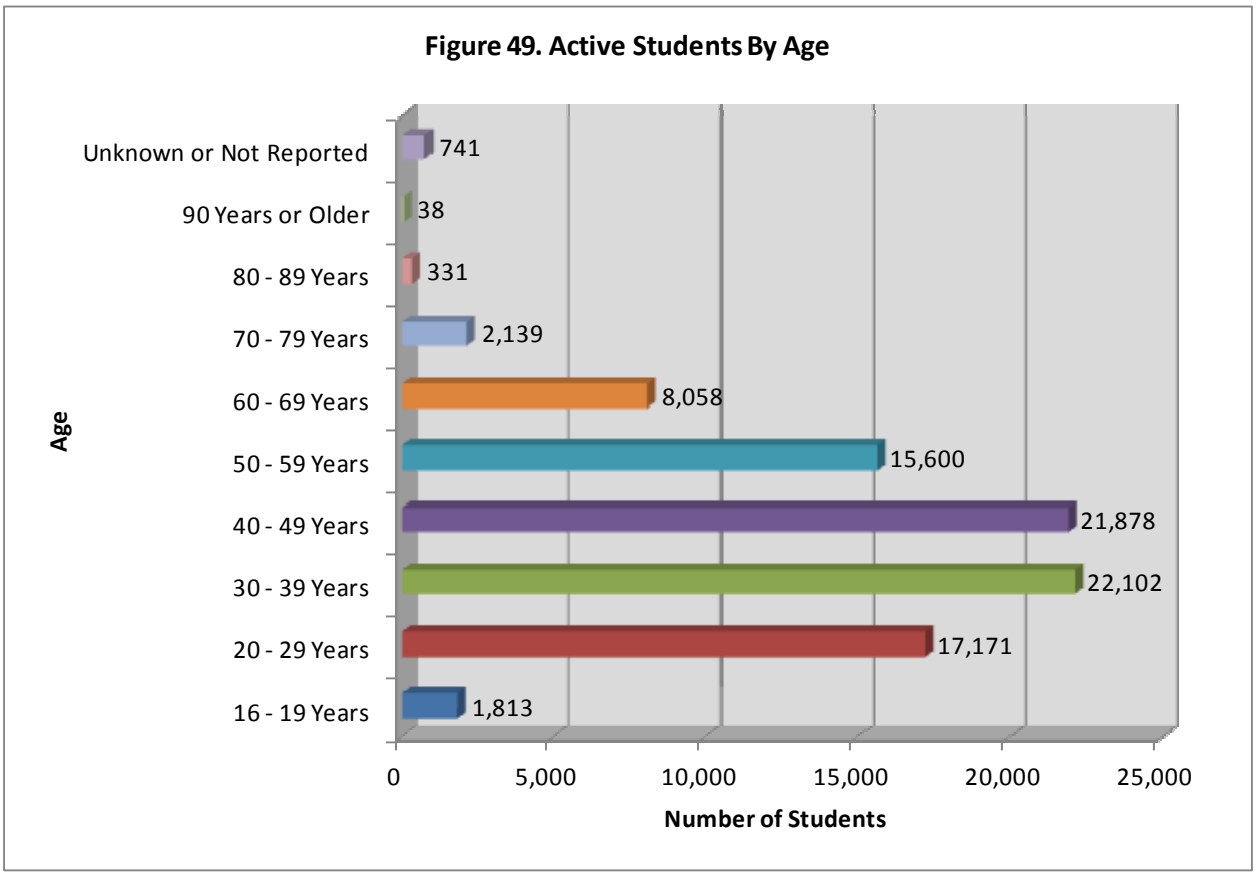
Student Demographics

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 (80%). (See Table 36.) When compiling the statistics on race among students, 82 percent (82%) are white.

Table 36. Active Students By Race By Sex

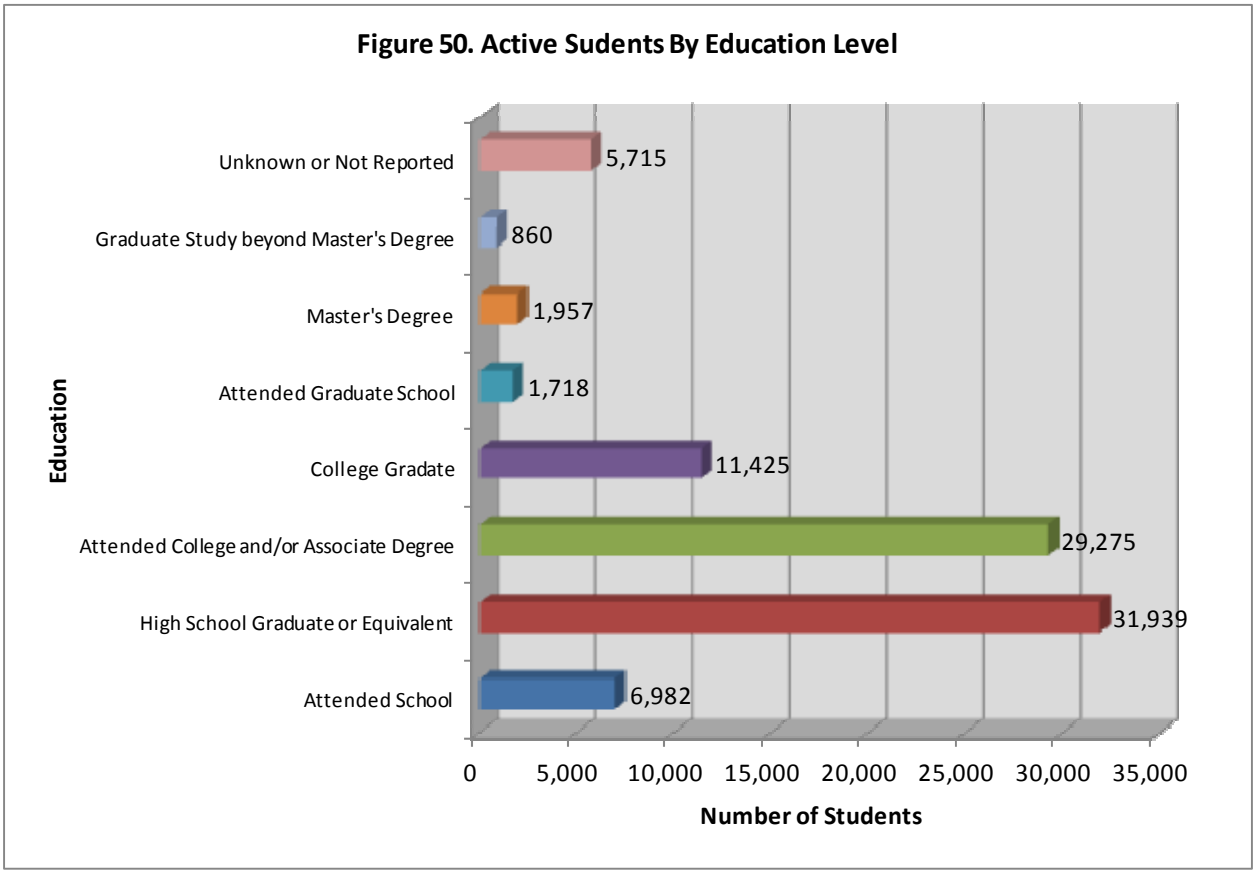
Race	Male	Female	Unknown or Not Reported	Grand Total
White	59,373	14,058	52	73,483
Black	5,900	1,454	8	7,362
Hispanic	1,247	383	5	1,635
Asian and Asian American	683	224	9	916
American Indian	333	107	0	440
Other	408	164	1	573
Unknown or Not Reported	4,018	1,186	258	5,462
Grand Total	**71,962**	**17,576**	**333**	**89,871**

Twenty-five percent (25%) of the active students are currently between the ages of 30 and 39 years of age. (See Figure 49.)



Education Level

Currently, the active student records in FSTRS show that 36 percent (36%) of students are high school graduates, 33 percent (33%) attended college and/or have an associate's degree, and 13 percent (13%) are college graduates. (See Figure 50.)



Title

Fire fighters accounted for 43 percent (43%) of the active students. (See Figure 51.)

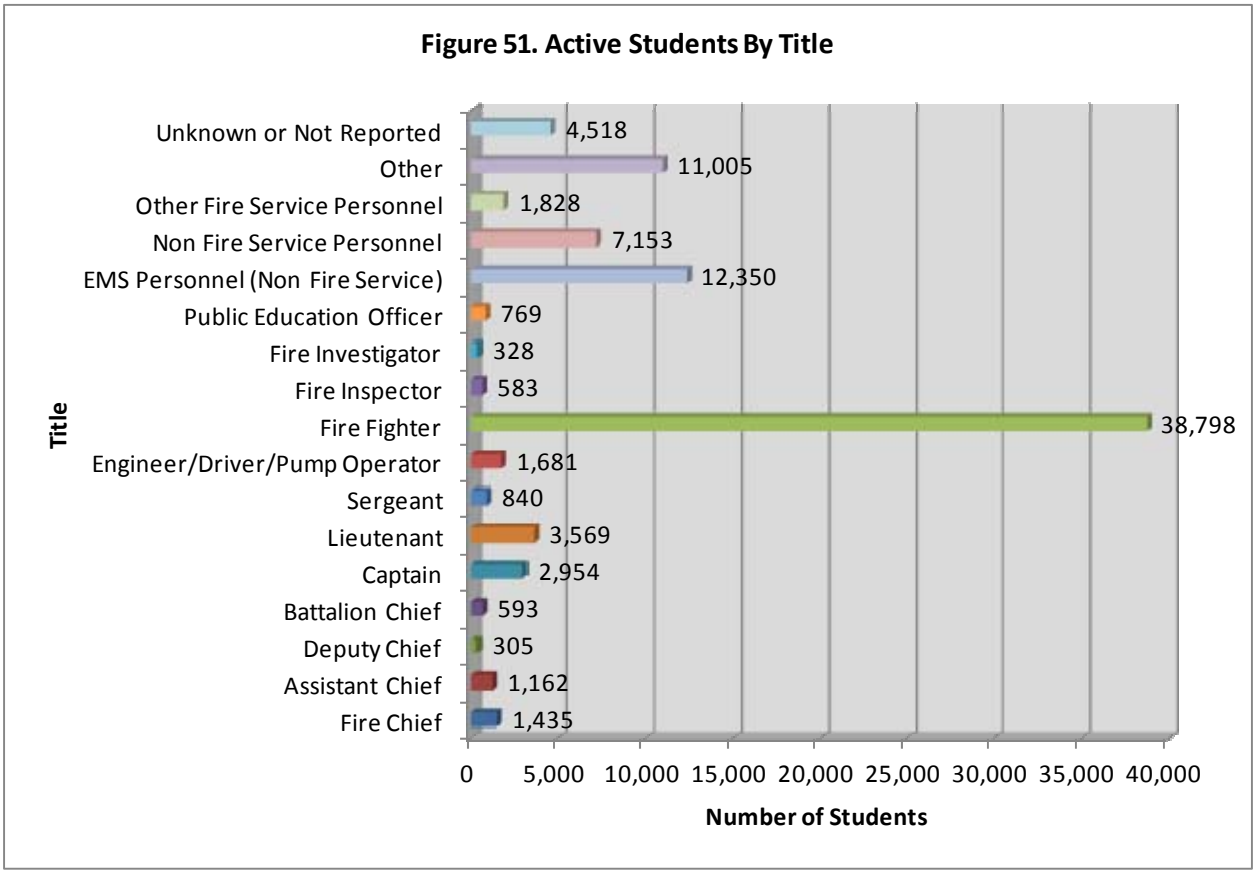


Figure 51. Active Students By Title
Unknown or Not Reported
Other
Other Fire Service Personnel
Non Fire Service Personnel
EMS Personnel (Non Fire Service)
Public Education Officer
Fire Investigator
Fire Inspector
Fire Fighter
Engineer/Driver/Pump Operator
Sergeant
Lieutenant
Captain
Battalion Chief
Deputy Chief
Assistant Chief
Fire Chief
4,518
11,005
1,828
7,153
12,350
769
328
583
38,798
1,681
840
3,569
2,954
593
305
1,162
1,435
Title
0
5,000
10,000
15,000
20,000
25,000
30,000
35,000
40,000
Number of Students

Note: **Data is compiled from information from the Fire Service Training Record System (FSTRS) as of 12/17/2012.**

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

Supplemental Table 13. Number of Active Students By Personnel Type By Locality

FIPS	County/City	Career	Volunteer	Combination	EMS	Brigade	Other	Unknown or Not Reported	Grand Total
001	Accomack County	38	564	39	97	1	20	21	780
003	Albemarle County	90	708	40	123	2	54	20	1,037
005	Alleghany County	2	403	9	12	0	7	8	441
007	Amelia County	2	170	4	7	0	3	2	188
009	Amherst County	19	155	10	47	129	36	3	399
011	Appomattox County	1	91	2	15	69	14	10	202
013	Arlington County	482	72	16	6	1	21	36	634
015	Augusta County	66	732	71	86	123	61	42	1,181
017	Bath County	0	82	2	23	0	10	6	123
019	Bedford County	12	551	16	241	119	127	26	1,092
021	Bland County	4	153	0	11	0	10	3	181
023	Botetourt County	17	384	7	89	1	17	14	529
025	Brunswick County	4	232	3	46	0	42	13	340
027	Buchanan County	7	341	0	26	0	4	11	389
029	Buckingham County	3	162	2	41	0	6	2	216
031	Campbell County	15	506	9	150	183	114	13	990
033	Caroline County	33	335	20	105	0	55	29	577
035	Carroll County	8	246	11	42	1	9	7	324
036	Charles City County	0	91	1	2	0	4	3	101
037	Charlotte County	0	204	1	26	41	8	22	302
041	Chesterfield County	615	476	45	158	1,751	788	132	3,965
043	Clarke County	4	175	3	10	0	6	9	207
045	Craig County	1	152	0	51	0	6	3	213
047	Culpeper County	12	411	21	106	1	80	16	647
049	Cumberland County	0	127	1	49	0	9	9	195
051	Dickenson County	2	176	0	26	1	4	3	212
053	Dinwiddie County	6	298	6	68	4	30	10	422
057	Essex County	0	77	4	31	0	21	3	136
059	Fairfax County	1,216	192	75	20	0	64	499	2,066
061	Fauquier County	59	592	39	103	0	93	52	938
063	Floyd County	3	133	0	31	0	3	6	176
065	Fluvanna County	0	181	7	12	0	5	5	210
067	Franklin County	33	499	10	94	99	38	23	796
069	Frederick County	65	593	53	68	15	70	31	895
071	Giles County	26	298	9	30	57	7	16	443
073	Gloucester County	3	328	17	128	1	16	11	504
075	Goochland County	6	392	14	64	0	24	11	511

Supplemental Table 13. Number of Active Students By Personnel Type By Locality

FIPS	County/City	Career	Volunteer	Combination	EMS	Brigade	Other	Unknown or Not Reported	Grand Total
077	Grayson County	8	294	0	68	0	9	10	389
079	Greene County	5	110	3	13	0	10	6	147
083	Halifax County	11	667	12	76	56	57	81	960
085	Hanover County	147	786	41	253	55	321	43	1,646
087	Henrico County	671	41	28	54	150	303	67	1,314
089	Henry County	38	444	16	109	261	506	67	1,441
091	Highland County	0	91	2	3	0	1	5	102
093	Isle of Wight County	7	341	13	73	99	19	33	585
095	James City County	125	104	23	38	0	4	9	303
097	King and Queen County	0	76	2	2	0	17	6	103
099	King George County	30	168	9	37	1	52	10	307
101	King William County	4	176	4	13	105	20	19	341
103	Lancaster County	8	128	3	7	0	16	8	170
105	Lee County	0	232	2	16	0	8	7	265
107	Loudoun County	489	1,447	138	649	2	43	100	2,868
109	Louisa County	30	352	14	48	3	37	31	515
111	Lunenburg County	0	210	3	31	0	67	26	337
113	Madison County	2	82	2	32	0	0	4	122
115	Mathews County	3	74	1	13	0	2	1	94
117	Mecklenburg County	3	418	8	95	19	60	26	629
119	Middlesex County	1	134	3	9	1	5	2	155
121	Montgomery County	4	249	6	141	18	24	12	454
125	Nelson County	26	252	13	47	0	20	8	366
127	New Kent County	10	194	12	25	1	27	14	283
131	Northampton County	0	158	2	20	0	6	3	189
133	Northumberland County	2	96	1	12	0	16	9	136
135	Nottoway County	3	200	8	10	0	86	18	325
137	Orange County	43	264	11	45	0	78	21	462
139	Page County	1	139	12	44	0	20	17	233
141	Patrick County	8	399	3	47	3	14	13	487
143	Pittsylvania County	4	800	11	40	39	16	33	943
145	Powhatan County	1	264	3	9	0	14	13	304
147	Prince Edward County	3	278	3	22	0	59	7	372
149	Prince George County	11	356	12	46	1	163	12	601
153	Prince William County	468	1,848	82	308	5	122	562	3,395
155	Pulaski County	22	369	18	53	62	119	31	674
157	Rappahannock County	0	226	8	34	0	10	11	289

Supplemental Table 13. Number of Active Students By Personnel Type By Locality

FIPS	County/City	Career	Volunteer	Combination	EMS	Brigade	Other	Unknown or Not Reported	Grand Total
159	Richmond County	3	74	2	6	0	38	6	129
161	Roanoke County	194	638	29	289	0	49	45	1,244
163	Rockbridge County	5	424	4	68	0	12	22	535
165	Rockingham County	84	563	65	147	68	114	43	1,084
167	Russell County	2	223	6	49	0	13	8	301
169	Scott County	0	182	5	6	0	2	7	202
171	Shenandoah County	38	419	25	61	0	27	18	588
173	Smyth County	6	397	9	112	33	61	8	626
175	Southampton County	2	332	8	53	22	8	21	446
177	Spotsylvania County	196	638	40	203	4	439	107	1,627
179	Stafford County	117	1,014	123	368	12	211	60	1,905
181	Surry County	1	96	1	14	1	2	0	115
183	Sussex County	1	122	4	16	126	1	7	277
185	Tazewell County	33	526	27	39	7	93	63	788
187	Warren County	34	323	10	9	0	32	9	417
191	Washington County	10	471	9	34	31	19	10	584
193	Westmoreland County	2	233	8	23	0	43	15	324
195	Wise County	6	309	17	27	1	12	8	380
197	Wythe County	18	258	2	56	10	77	18	439
199	York County	153	90	18	4	0	18	4	287
510	Alexandria	335	39	12	89	0	80	36	591
515	Bedford	6	72	6	4	19	34	3	144
520	Bristol	83	1	2	37	12	24	4	163
530	Buena Vista	3	93	0	8	0	10	10	124
540	Charlottesville	104	112	21	417	3	56	31	744
550	Chesapeake	592	66	16	48	1	117	12	852
570	Colonial Heights	52	98	10	13	1	56	4	234
580	Covington	4	136	3	10	150	20	4	327
590	Danville	179	24	17	59	133	119	5	536
595	Emporia	1	80	0	2	0	9	2	94
600	Fairfax	57	97	21	4	0	4	18	201
610	Falls Church	3	90	1	4	0	9	15	122
620	Franklin	18	181	14	25	1	7	14	260
630	Fredericksburg	58	38	17	91	0	100	32	336
640	Galax	6	66	2	1	73	44	0	192
650	Hampton	414	492	46	198	0	26	55	1,231
660	Harrisonburg	94	60	18	129	18	10	10	339

Supplemental Table 13. Number of Active Students By Personnel Type By Locality

FIPS	County/City	Career	Volunteer	Combination	EMS	Brigade	Other	Unknown or Not Reported	Grand Total
670	Hopewell	60	6	5	15	187	48	5	326
678	Lexington	12	78	3	33	0	9	5	140
680	Lynchburg	285	18	10	28	128	190	33	692
683	Manassas	38	112	28	32	4	25	14	253
685	Manassas Park	21	13	6	1	0	1	2	44
690	Martinsville	28	27	15	5	14	55	7	151
700	Newport News	676	16	12	11	0	409	9	1,133
710	Norfolk	819	4	3	2	0	135	6	969
720	Norton	0	33	6	1	0	1	0	41
730	Petersburg	142	3	6	7	0	51	7	216
735	Poquoson	32	71	9	25	0	2	5	144
740	Portsmouth	344	10	1	9	1	1	11	377
750	Radford	14	56	8	13	0	6	7	104
760	Richmond	720	10	16	13	221	203	18	1,201
770	Roanoke	474	43	14	338	0	185	24	1,078
775	Salem	89	14	2	97	0	11	3	216
790	Staunton	39	12	10	6	0	25	2	94
800	Suffolk	294	304	12	20	1	32	16	679
810	Virginia Beach	707	343	51	986	4	809	97	2,997
820	Waynesboro	45	49	19	51	59	89	6	318
830	Williamsburg	46	42	10	4	0	4	2	108
840	Winchester	53	202	34	21	36	58	15	419
Grand Total		**12,894**	**34,292**	**1,997**	**9,227**	**4,861**	**8,582**	**3,503**	**75,356**

Chapter 5
Funding

Virginia Fire Service Needs Assessment:

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

Volume IX - January 2013

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 2010, the ATL minimums are $16,000 for counties and cities and $8,000 for towns. The total ATL amount allocated only increased by 4.5 percent from FY 2011 to FY 2012. (See Table 37.)

Table 37. Aid to Localities (ATL) Program Allocations, Virginia, FY 2002-2013

Fiscal Year	Amount
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
FY 2010	$20,388,306
FY 2011	$21,278,501
FY 2012	$22,238,930
FY 2013 *	$22,238,930

* FY 2013 ATL allocations are estimated. FY 2013 actual amounts will be calculated in June 2013 when the Fire Programs Fund deposit is received.

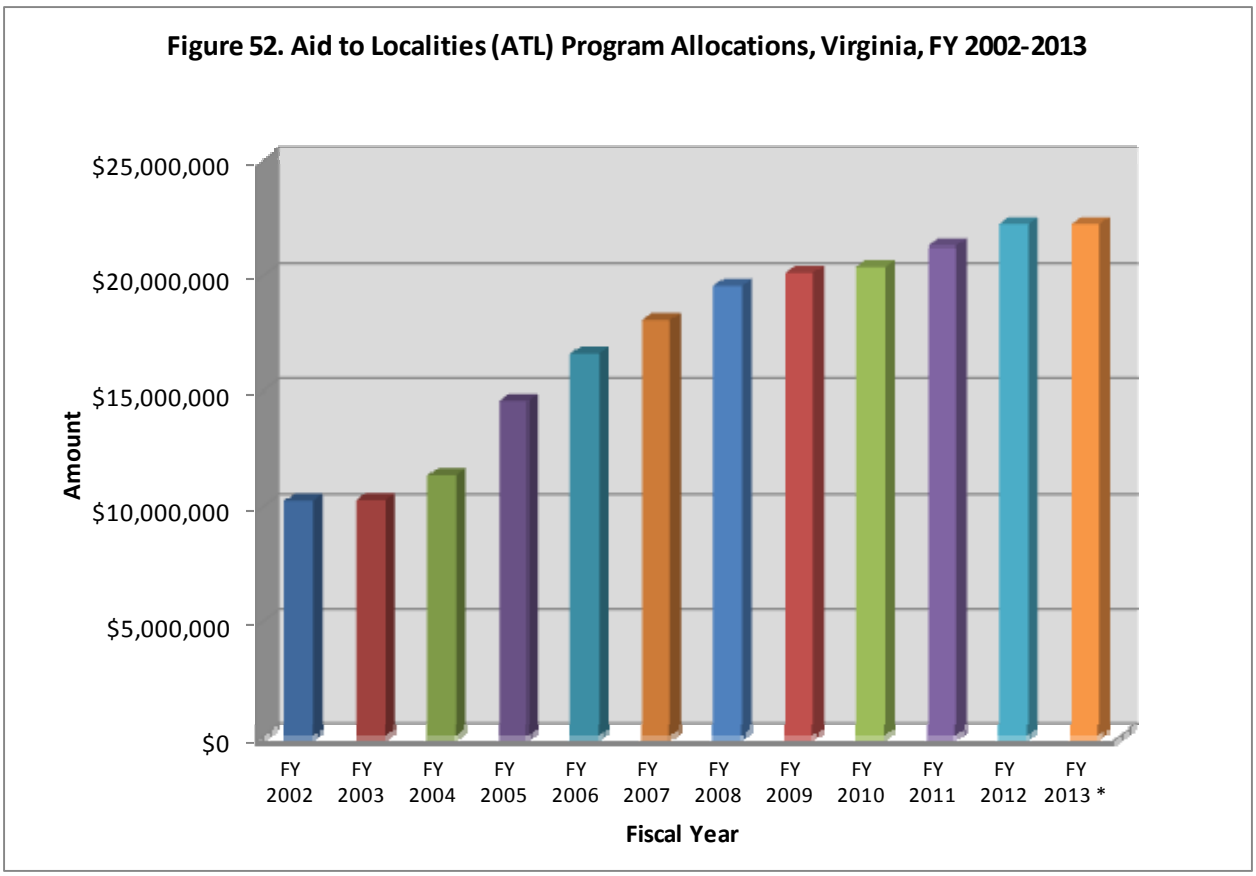


Table 38. Aid to Localities (ATL) Program Allocation Summary, Virginia, FY 2013 *

Locality	Number of Localities	Population	FY 2013 Allocation *	Per Capita
Counties	95	5,040,823	$13,491,288	$2.68
Towns	190	501,574	$2,169,559	$4.33
Cities	39	2,458,627	$6,578,083	$2.68
Virginia	**324**	**8,001,024**	**$22,238,930**	**$2.78**

* FY 2013 ATL allocations are estimated. FY 2013 actual amounts will be calculated in June 2013 when the Fire Programs Fund deposit is received.

Please see Supplemental Table 13 at the end of this chapter for funding amounts by locality with the Aid to Localities (ATL) Program for FY 2009-2013.

Table 39. Aid to Localities (ATL) Program Allocations, Virginia Counties, FY 2002-2013

Fiscal Year	Total Amount	Total Population	Population		Allocation		Per Capita	
			Mean	Median	Mean	Median	Mean	Median
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
FY 2010	$11,842,624	4,287,466	45,131	19,973	$124,659	$55,103	$2.81	$2.76
FY 2011	$12,392,030	4,287,466	45,131	19,973	$130,442	$57,670	$2.93	$2.89
FY 2012	$13,491,288	5,040,823	53,061	23,077	$142,014	$61,690	$2.74	$2.67
FY 2013 *	$13,491,288	5,040,823	53,061	23,077	$142,014	$61,690	$2.74	$2.67

Table 40. Aid to Localities (ATL) Program Allocations, Virginia Towns, FY 2002-2013

Fiscal Year	Total Amount	Total Population	Population		Allocation		Per Capita	
			Mean	Median	Mean	Median	Mean	Median
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
FY 2010	$2,058,308	442,154	2,327	1,008	$10,833	$8,000	$16.04	$7.94
FY 2011	$2,098,044	442,154	2,327	1,008	$11,042	$8,000	$16.07	$7.94
FY 2012	$2,169,559	501,574	2,640	1,112	$11,419	$8,000	$15.82	$7.20
FY 2013 *	$2,169,559	501,574	2,640	1,112	$11,419	$8,000	$15.82	$7.20

Table 41. Aid to Localities (ATL) Program Allocations, Virginia Cities, FY 2002-2013

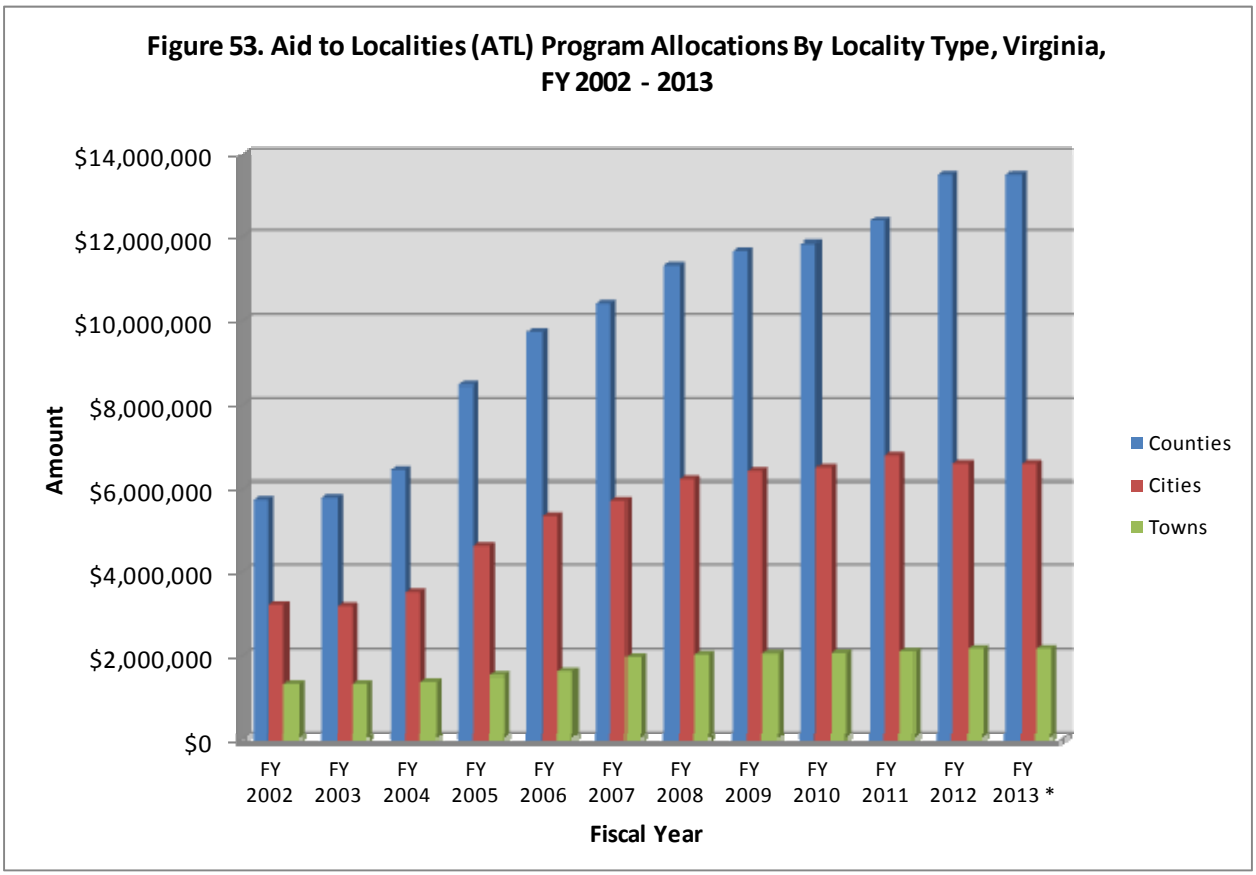
Fiscal Year	Total Amount	Total Population	Population		Allocation		Per Capita	
			Mean	Median	Mean	Median	Mean	Median
FY 2002	$3,210,794	2,353,905	60,357	22,354	$82,328	$31,041	$1.48	$1.39
FY 2003	$3,182,961	2,353,890	60,357	22,354	$81,614	$29,959	$1.47	$1.34
FY 2004	$3,526,310	2,348,863	60,230	22,354	$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
FY 2010	$6,487,374	2,349,410	60,241	22,277	$166,343	$61,460	$2.79	$2.76
FY 2011	$6,788,428	2,349,410	60,241	22,277	$174,062	$64,323	$2.92	$2.89
FY 2012	$6,578,083	2,458,627	63,042	23,746	$168,669	$63,478	$2.71	$2.67
FY 2013 *	$6,578,083	2,458,627	63,042	23,746	$168,669	$63,478	$2.71	$2.67

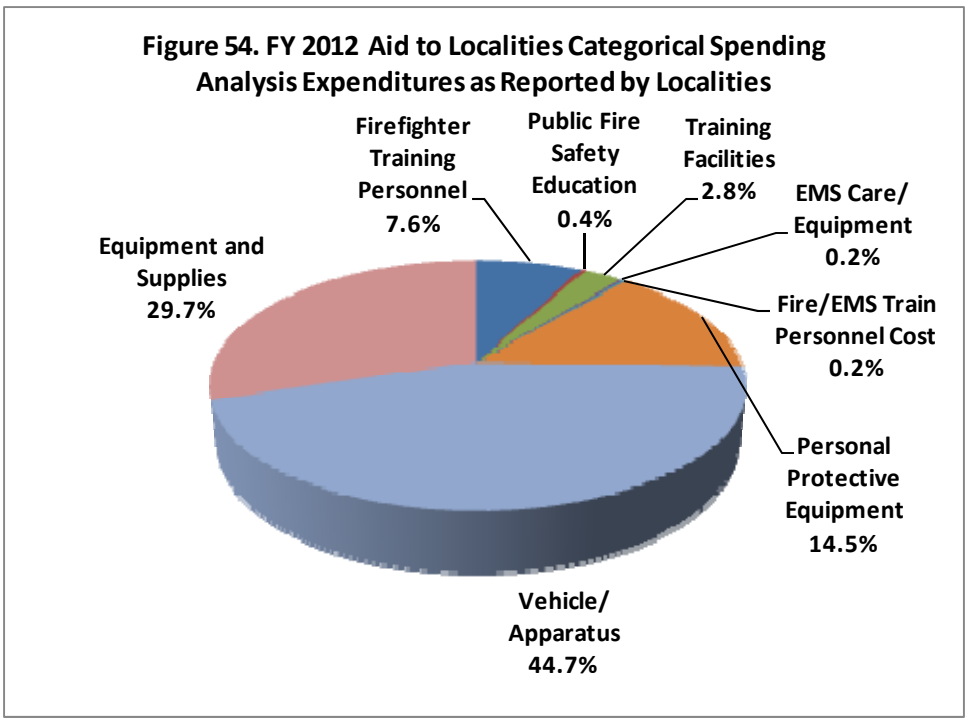
* FY 2013 ATL allocations are estimated. FY 2013 actual amounts will be calculated in June 2013 when the Fire Programs Fund deposit is received.

Table 42. Aid to Localities (ATL) Program Allocations By Locality Type, Virginia, FY 2002-2013

Fiscal Year	Counties	Cities	Towns	Total
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
FY 2010	$11,842,624	$6,487,374	$2,058,308	$20,388,306
FY 2011	$12,392,030	$6,788,428	$2,098,044	$21,278,501
FY 2012	$13,491,288	$6,578,083	$2,169,559	$22,238,930
FY 2013 *	$13,491,288	$6,578,083	$2,169,559	$22,238,930

* FY 2013 ATL allocations are estimated. FY 2013 actual amounts will be calculated in June 2013 when the Fire Programs Fund deposit is received.





* Annual reports are received from localities daily; cost category expenses reported by localities are updated on an ongoing basis. Data presented by FY 2012 are as of 9/21/2012.

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. AFG was funded for FFY 2011 in the United States at $346 million.

Table 43. Assistance to Firefighters Grant (AFG) Program Funding, Virginia, FFY 2001-2012

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	81	$8,370,162	$103,335
FFY 2009	325	$59,621,663	66	$6,082,581	$92,160
FFY 2010	237	$43,841,245	38	$5,990,999	$157,658
FFY 2011	-	-	15	$3,500,769	$233,385
FFY 2012	-	-	1	$140,144	$140,144

Note: For FFY 2011, Virginia received only 1.0% of total nationwide AFG federal funding made available under the DHS programs.

Assistance to Firefighters Fire Station Construction Grants (SCG)

New for FFY 2009, the American Recovery and Reinvestment Act (ARRA) of 2009 (Public Law 111-5) provides the Assistance to Firefighters Fire Station Construction Grants (SCG) to fire departments to build new or modify existing fire stations. SCG was funded for FFY 2009 in the United States at $210 million.

Table 44. Assistance to Firefighters Fire Station Construction Grants (SCG), Virginia, FFY 2009

Federal Fiscal Year	Total Number of Applications	Total Amount Requested	Number of Awards	Amount	Average Mean Award
FFY 2009	115	$230,991,613	3	$7,277,075	$2,425,692

Note: For FFY 2009, Virginia received only 3.5% of total nationwide SCG federal funding made available under the DHS programs.

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 for FFY 2011 in the United States at $334 million.

Table 45. Staffing for Adequate Fire and Emergency Response (SAFER) Grant Funding, Virginia, FFY 2005-2012

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	5	$1,524,576	$304,915
FFY 2009	26	$18,496,560	5	$4,891,242	$815,207
FFY 2010	-	-	11	$8,995,359	$817,760
FFY 2011	-	-	7	$4,978,137	$711,162
FFY 2012	-	-	0	$0	$0

Note: For FFY 2011, Virginia received only 1.2% of total nationwide SAFER federal funding made available under the DHS programs.

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. FP&S was funded for FFY 2011 in the United States at $34 million.

Table 46. Fire Prevention and Safety (FP&S) Grant Funding, Virginia, FFY 2004-2011

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
FFY 2008	45	$8,600,538	9	$2,605,895	$289,544
FFY 2009	37	$9,305,469	10	$3,598,356	$359,836
FFY 2010	-	-	12	$3,901,704	$325,142
FFY 2011	-	-	5	$2,450,809	$490,162

Note: For FFY 2011, Virginia received only 7.0% of total nationwide FP&S federal funding made available under the DHS programs.

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. Eleven localities received grants for FY 2013. (See Table 47.)

Table 47. VFIRS Hardware Grants Awarded By Locality, FY 2013

FIPS	Locality	Grants Awarded	Total
007	Amelia County	1	$1,000
065	Fluvanna County	4	$4,000
083	Halifax County	6	$6,000
119	Middlesex County	1	$1,000
143	Pittsylvania County	2	$2,000
193	Westmoreland County	1	$1,000
345	Town of Colonial Beach	1	$1,000
373	Town of Glen Lyn	1	$1,000
450	Town of Saxis	1	$1,000
490	Town of Clinchco	1	$1,000
660	Harrisonburg	1	$1,000
Grand Total		**20**	**$20,000**

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 2009-2013

FIPS	County/Town/City	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013 *	2010 Census Population	FY 2013 Per Capita
001	Accomack County	$74,390	$75,417	$78,930	$64,005	$64,005	23,943	$2.67
003	Albemarle County	$227,655	$230,798	$241,549	$263,055	$263,055	98,404	$2.67
005	Alleghany County	$34,076	$34,547	$36,156	$32,020	$32,020	11,978	$2.67
007	Amelia County	$31,023	$31,451	$32,916	$33,923	$33,923	12,690	$2.67
009	Amherst County	$80,668	$81,782	$85,591	$80,523	$80,523	30,122	$2.67
011	Appomattox County	$31,981	$32,423	$33,933	$34,808	$34,808	13,021	$2.67
013	Arlington County	$515,562	$522,681	$547,028	$555,032	$555,032	207,627	$2.67
015	Augusta County	$175,884	$178,313	$186,619	$194,682	$194,682	72,827	$2.67
017	Bath County	$16,000	$16,000	$16,000	$16,000	$16,000	4,731	$3.38
019	Bedford County	$164,289	$166,557	$174,316	$183,586	$183,586	68,676	$2.67
021	Bland County	$18,698	$18,956	$19,839	$18,242	$18,242	6,824	$2.67
023	Botetourt County	$77,481	$78,551	$82,210	$83,367	$83,367	31,186	$2.67
025	Brunswick County	$45,081	$45,704	$47,833	$41,168	$41,168	15,400	$2.67
027	Buchanan County	$70,409	$71,381	$74,706	$61,690	$61,690	23,077	$2.67
029	Buckingham County	$41,299	$41,869	$43,819	$44,640	$44,640	16,699	$2.67
031	Campbell County	$126,253	$127,996	$133,958	$134,409	$134,409	50,280	$2.67
033	Caroline County	$57,189	$57,978	$60,679	$73,000	$73,000	27,308	$2.67
035	Carroll County	$71,832	$72,824	$76,216	$73,142	$73,142	27,361	$2.67
036	Charles City County	$18,848	$19,108	$19,998	$19,397	$19,397	7,256	$2.67
037	Charlotte County	$28,538	$28,933	$30,280	$27,948	$27,948	10,455	$2.67
041	Chesterfield County	$707,279	$717,045	$750,445	$845,367	$845,367	316,236	$2.67
043	Clarke County	$25,183	$25,531	$26,720	$24,754	$24,754	9,260	$2.67
045	Craig County	$16,000	$16,000	$16,000	$16,000	$16,000	5,037	$3.18
047	Culpeper County	$66,939	$67,863	$71,024	$81,025	$81,025	30,310	$2.67
049	Cumberland County	$23,240	$23,561	$24,658	$26,871	$26,871	10,052	$2.67
051	Dickenson County	$38,741	$39,276	$41,105	$36,500	$36,500	13,654	$2.67
053	Dinwiddie County	$65,450	$66,354	$69,445	$73,562	$73,562	27,518	$2.67
057	Essex County	$21,365	$21,660	$22,669	$23,460	$23,460	8,776	$2.67
059	Fairfax County	$2,540,231	$2,575,306	$2,695,266	$2,786,735	$2,786,735	1,042,465	$2.67
061	Fauquier County	$129,478	$131,265	$137,380	$146,431	$146,431	54,777	$2.67
063	Floyd County	$36,580	$37,085	$38,813	$39,708	$39,708	14,854	$2.67
065	Fluvanna County	$54,353	$55,103	$57,670	$68,456	$68,456	25,608	$2.67
067	Franklin County	$116,840	$118,453	$123,971	$136,658	$136,658	51,121	$2.67
069	Frederick County	$155,246	$157,389	$164,721	$201,055	$201,055	75,211	$2.67
071	Giles County	$26,851	$27,222	$28,490	$27,946	$27,946	10,454	$2.67
073	Gloucester County	$94,647	$95,954	$100,424	$98,529	$98,529	36,858	$2.67
075	Goochland County	$45,890	$46,523	$48,690	$58,054	$58,054	21,717	$2.67

Supplemental Table 14. Aid To Localities (ATL) Program Allocations By Locality, FY 2009-2013

FIPS	County/Town/City	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013 *	2010 Census Population	FY 2013 Per Capita
077	Grayson County	$41,097	$41,665	$43,606	$37,222	$37,222	13,924	$2.67
079	Greene County	$40,188	$40,743	$42,641	$48,214	$48,214	18,036	$2.67
081	Greensville County	$30,321	$30,740	$32,171	$31,023	$31,023	11,605	$2.67
083	Halifax County	$73,900	$74,921	$78,410	$70,886	$70,886	26,517	$2.67
085	Hanover County	$216,892	$219,887	$230,129	$247,641	$247,641	92,638	$2.67
087	Henrico County	$713,802	$723,658	$757,367	$820,504	$820,504	306,935	$2.67
089	Henry County	$155,401	$157,547	$164,885	$142,774	$142,774	53,409	$2.67
091	Highland County	$16,000	$16,000	$16,000	$16,000	$16,000	2,174	$7.36
093	Isle of Wight County	$57,303	$58,094	$60,800	$65,641	$65,641	24,555	$2.67
095	James City County	$130,901	$132,708	$138,890	$179,130	$179,130	67,009	$2.67
097	King & Queen County	$18,042	$18,292	$19,144	$18,565	$18,565	6,945	$2.67
099	King George County	$45,726	$46,358	$48,517	$63,045	$63,045	23,584	$2.67
101	King William County	$27,975	$28,361	$29,683	$33,760	$33,760	12,629	$2.67
103	Lancaster County	$25,417	$25,768	$26,968	$24,380	$24,380	9,120	$2.67
105	Lee County	$56,206	$56,982	$59,636	$60,532	$60,532	22,644	$2.67
107	Loudoun County	$367,544	$372,619	$389,976	$691,179	$691,179	258,557	$2.67
109	Louisa County	$64,743	$65,637	$68,694	$83,220	$83,220	31,131	$2.67
111	Lunenburg County	$27,066	$27,440	$28,718	$26,550	$26,550	9,932	$2.67
113	Madison County	$33,499	$33,962	$35,544	$34,963	$34,963	13,079	$2.67
115	Mathews County	$25,055	$25,401	$26,584	$24,000	$24,000	8,978	$2.67
117	Mecklenburg County	$62,729	$63,595	$66,558	$62,960	$62,960	23,552	$2.67
119	Middlesex County	$25,550	$25,903	$27,110	$28,023	$28,023	10,483	$2.67
121	Montgomery County	$73,767	$74,785	$78,269	$82,151	$82,151	30,731	$2.67
125	Nelson County	$39,309	$39,852	$41,709	$40,152	$40,152	15,020	$2.67
127	New Kent County	$36,634	$37,140	$38,870	$49,265	$49,265	18,429	$2.67
131	Northampton County	$25,825	$26,182	$27,401	$23,067	$23,067	8,629	$2.67
133	Northumberland County	$33,230	$33,689	$35,258	$32,961	$32,961	12,330	$2.67
135	Nottoway County	$24,990	$25,335	$26,515	$25,326	$25,326	9,474	$2.67
137	Orange County	$55,164	$55,926	$58,531	$72,883	$72,883	27,264	$2.67
139	Page County	$41,097	$41,665	$43,606	$40,325	$40,325	15,085	$2.67
141	Patrick County	$50,197	$50,891	$53,261	$45,664	$45,664	17,082	$2.67
143	Pittsylvania County	$157,494	$159,668	$167,106	$159,500	$159,500	59,666	$2.67
145	Powhatan County	$60,895	$61,736	$64,611	$74,973	$74,973	28,046	$2.67
147	Prince Edward County	$36,316	$36,817	$38,532	$40,505	$40,505	15,152	$2.67
149	Prince George County	$90,141	$91,386	$95,642	$95,501	$95,501	35,725	$2.67
153	Prince William County	$744,762	$755,046	$790,217	$1,052,833	$1,052,833	393,845	$2.67
155	Pulaski County	$63,586	$64,464	$67,467	$62,158	$62,158	23,252	$2.67

Supplemental Table 14. Aid To Localities (ATL) Program Allocations By Locality, FY 2009-2013

FIPS	County/Town/City	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013 *	2010 Census Population	FY 2013 Per Capita
157	Rappahannock County	$18,505	$18,760	$19,634	$19,349	$19,349	7,238	$2.67
159	Richmond County	$20,230	$20,510	$21,465	$20,696	$20,696	7,742	$2.67
161	Roanoke County	$212,252	$215,183	$225,206	$225,293	$225,293	84,278	$2.67
163	Rockbridge County	$52,674	$53,401	$55,889	$54,480	$54,480	20,380	$2.67
165	Rockingham County	$143,607	$145,590	$152,371	$153,798	$153,798	57,533	$2.67
167	Russell County	$67,151	$68,078	$71,250	$63,681	$63,681	23,822	$2.67
169	Scott County	$51,724	$52,438	$54,881	$50,631	$50,631	18,940	$2.67
171	Shenandoah County	$61,477	$62,326	$65,229	$66,988	$66,988	25,059	$2.67
173	Smyth County	$62,498	$63,361	$66,312	$59,832	$59,832	22,382	$2.67
175	Southampton County	$39,971	$40,523	$42,410	$42,189	$42,189	15,782	$2.67
177	Spotsylvania County	$245,994	$249,390	$261,007	$327,194	$327,194	122,397	$2.67
179	Stafford County	$251,575	$255,049	$266,929	$344,741	$344,741	128,961	$2.67
181	Surry County	$16,129	$16,352	$17,114	$16,478	$16,478	6,164	$2.67
183	Sussex County	$23,904	$24,234	$25,363	$23,559	$23,559	8,813	$2.67
185	Tazewell County	$80,671	$81,785	$85,594	$73,936	$73,936	27,658	$2.67
187	Warren County	$48,970	$49,646	$51,959	$61,845	$61,845	23,135	$2.67
191	Washington County	$110,766	$112,295	$117,526	$118,731	$118,731	44,415	$2.67
193	Westmoreland County	$35,853	$36,348	$38,042	$36,163	$36,163	13,528	$2.67
195	Wise County	$74,401	$75,428	$78,942	$71,247	$71,247	26,652	$2.67
197	Wythe County	$50,195	$50,888	$53,258	$52,237	$52,237	19,541	$2.67
199	York County	$153,202	$155,317	$162,552	$174,999	$174,999	65,464	$2.67
300	Abingdon	$21,172	$21,464	$22,464	$21,896	$21,896	8,191	$2.67
301	Accomac	$8,000	$8,000	$8,000	$8,000	$8,000	519	$15.41
302	Alberta	$8,000	$8,000	$8,000	$8,000	$8,000	298	$26.85
303	Altavista	$9,321	$9,449	$9,889	$9,223	$9,223	3,450	$2.67
304	Amherst	$8,000	$8,000	$8,000	$8,000	$8,000	2,231	$3.59
305	Appalachia	$8,000	$8,000	$8,000	$8,000	$8,000	1,754	$4.56
306	Appomattox	$8,000	$8,000	$8,000	$8,000	$8,000	1,733	$4.62
307	Ashland	$18,012	$18,261	$19,112	$19,314	$19,314	7,225	$2.67
308	Belle Haven	$8,000	$8,000	$8,000	$8,000	$8,000	532	$15.04
309	Berryville	$8,088	$8,199	$8,581	$11,187	$11,187	4,185	$2.67
310	Big Stone Gap	$16,072	$16,294	$17,053	$15,007	$15,007	5,614	$2.67
311	Blacksburg	$107,696	$109,183	$114,269	$113,932	$113,932	42,620	$2.67
312	Blackstone	$10,001	$10,139	$10,611	$9,680	$9,680	3,621	$2.67
313	Bloxom	$8,000	$8,000	$8,000	$8,000	$8,000	387	$20.67
314	Bluefield	$13,819	$14,010	$14,662	$14,553	$14,553	5,444	$2.67
315	Boones Mill	$8,000	$8,000	$8,000	$8,000	$8,000	239	$33.47

Supplemental Table 14. Aid To Localities (ATL) Program Allocations By Locality, FY 2009-2013

FIPS	County/Town/City	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013 *	2010 Census Population	FY 2013 Per Capita
316	Bowling Green	$8,000	$8,000	$8,000	$8,000	$8,000	1,111	$7.20
317	Boyce	$8,000	$8,000	$8,000	$8,000	$8,000	589	$13.58
318	Boydton	$8,000	$8,000	$8,000	$8,000	$8,000	431	$18.56
319	Boykins	$8,000	$8,000	$8,000	$8,000	$8,000	564	$14.18
320	Branchville	$8,000	$8,000	$8,000	$8,000	$8,000	114	$70.18
321	Bridgewater	$14,159	$14,355	$15,023	$15,088	$15,088	5,644	$2.67
322	Broadway	$8,000	$8,000	$8,000	$9,867	$9,867	3,691	$2.67
323	Brodnax	$8,000	$8,000	$8,000	$8,000	$8,000	298	$26.85
324	Brookneal	$8,000	$8,000	$8,000	$8,000	$8,000	1,112	$7.19
325	Buchanan	$8,000	$8,000	$8,000	$8,000	$8,000	1,178	$6.79
326	Burkeville	$8,000	$8,000	$8,000	$8,000	$8,000	432	$18.52
327	Cape Charles	$8,000	$8,000	$8,000	$8,000	$8,000	1,009	$7.93
328	Capron	$8,000	$8,000	$8,000	$8,000	$8,000	166	$48.19
329	Cedar Bluff	$8,000	$8,000	$8,000	$8,000	$8,000	1,137	$7.04
330	Charlotte Court House	$8,000	$8,000	$8,000	$8,000	$8,000	543	$14.73
331	Chase City	$8,000	$8,000	$8,000	$8,000	$8,000	2,351	$3.40
332	Chatham	$8,000	$8,000	$8,000	$8,000	$8,000	1,269	$6.30
333	Cheriton	$8,000	$8,000	$8,000	$8,000	$8,000	487	$16.43
334	Chilhowie	$8,000	$8,000	$8,000	$8,000	$8,000	1,781	$4.49
335	Chincoteague	$11,748	$11,910	$12,465	$8,000	$8,000	2,941	$2.72
336	Christiansburg	$46,118	$46,755	$48,933	$56,247	$56,247	21,041	$2.67
337	Claremont	$8,000	$8,000	$8,000	$8,000	$8,000	378	$21.16
338	Clarksville	$8,000	$8,000	$8,000	$8,000	$8,000	1,139	$7.02
339	Cleveland	$8,000	$8,000	$8,000	$8,000	$8,000	202	$39.60
340	Clifton	$8,000	$8,000	$8,000	$8,000	$8,000	282	$28.37
341	Clinchport	$8,000	$8,000	$8,000	$8,000	$8,000	70	$114.29
342	Clintwood	$8,000	$8,000	$8,000	$8,000	$8,000	1,414	$5.66
344	Coeburn	$8,000	$8,000	$8,000	$8,000	$8,000	2,139	$3.74
345	Colonial Beach	$8,784	$8,906	$9,321	$9,469	$9,469	3,542	$2.67
346	Columbia	$8,000	$8,000	$8,000	$8,000	$8,000	83	$96.39
347	Courtland	$8,000	$8,000	$8,000	$8,000	$8,000	1,284	$6.23
348	Craigsville	$8,000	$8,000	$8,000	$8,000	$8,000	923	$8.67
349	Crewe	$8,000	$8,000	$8,000	$8,000	$8,000	2,326	$3.44
350	Culpeper	$26,299	$26,662	$27,904	$43,785	$43,785	16,379	$2.67
351	Damascus	$8,000	$8,000	$8,000	$8,000	$8,000	814	$9.83
352	Dayton	$8,000	$8,000	$8,000	$8,000	$8,000	1,530	$5.23
353	Dendron	$8,000	$8,000	$8,000	$8,000	$8,000	272	$29.41

Supplemental Table 14. Aid To Localities (ATL) Program Allocations By Locality, FY 2009-2013

FIPS	County/Town/City	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013 *	2010 Census Population	FY 2013 Per Capita
354	Dillwyn	$8,000	$8,000	$8,000	$8,000	$8,000	447	$17.90
355	Drakes Branch	$8,000	$8,000	$8,000	$8,000	$8,000	530	$15.09
357	Dublin	$8,000	$8,000	$8,000	$8,000	$8,000	2,534	$3.16
358	Duffield	$8,000	$8,000	$8,000	$8,000	$8,000	91	$87.91
359	Dumfries	$13,435	$13,621	$14,255	$13,262	$13,262	4,961	$2.67
360	Dungannon	$8,000	$8,000	$8,000	$8,000	$8,000	332	$24.10
361	Eastville	$8,000	$8,000	$8,000	$8,000	$8,000	305	$26.23
362	Edinburg	$8,000	$8,000	$8,000	$8,000	$8,000	1,041	$7.68
363	Elkton	$8,000	$8,000	$8,000	$8,000	$8,000	2,726	$2.93
364	Exmore	$8,000	$8,000	$8,000	$8,000	$8,000	1,460	$5.48
365	Farmville	$18,627	$18,885	$19,764	$21,963	$21,963	8,216	$2.67
366	Fincastle	$8,000	$8,000	$8,000	$8,000	$8,000	353	$22.66
367	Floyd	$8,000	$8,000	$8,000	$8,000	$8,000	425	$18.82
368	Fries	$8,000	$8,000	$8,000	$8,000	$8,000	484	$16.53
369	Front Royal	$36,980	$37,491	$39,237	$38,601	$38,601	14,440	$2.67
370	Gate City	$8,000	$8,000	$8,000	$8,000	$8,000	2,034	$3.93
371	Glade Spring	$8,000	$8,000	$8,000	$8,000	$8,000	1,456	$5.49
372	Glasgow	$8,000	$8,000	$8,000	$8,000	$8,000	1,133	$7.06
373	Glen Lyn	$8,000	$8,000	$8,000	$8,000	$8,000	115	$69.57
374	Gordonsville	$8,000	$8,000	$8,000	$8,000	$8,000	1,496	$5.35
375	Goshen	$8,000	$8,000	$8,000	$8,000	$8,000	361	$22.16
376	Gretna	$8,000	$8,000	$8,000	$8,000	$8,000	1,267	$6.31
377	Grottoes	$8,000	$8,000	$8,000	$8,000	$8,000	2,668	$3.00
378	Grundy	$8,000	$8,000	$8,000	$8,000	$8,000	1,021	$7.84
379	Halifax	$8,000	$8,000	$8,000	$8,000	$8,000	1,309	$6.11
380	Hallwood	$8,000	$8,000	$8,000	$8,000	$8,000	206	$38.83
381	Hamilton	$8,000	$8,000	$8,000	$8,000	$8,000	506	$15.81
382	Haymarket	$8,000	$8,000	$8,000	$8,000	$8,000	1,782	$4.49
383	Haysi	$8,000	$8,000	$8,000	$8,000	$8,000	498	$16.06
384	Herndon	$58,930	$59,744	$62,527	$62,265	$62,265	23,292	$2.67
385	Hillsboro	$8,000	$8,000	$8,000	$8,000	$8,000	80	$100.00
386	Hillsville	$8,000	$8,000	$8,226	$8,000	$8,000	2,681	$2.98
387	Honaker	$8,000	$8,000	$8,000	$8,000	$8,000	1,449	$5.52
388	Hurt	$8,000	$8,000	$8,000	$8,000	$8,000	1,304	$6.13
389	Independence	$8,000	$8,000	$8,000	$8,000	$8,000	947	$8.45
390	Iron Gate	$8,000	$8,000	$8,000	$8,000	$8,000	388	$20.62
391	Irvington	$8,000	$8,000	$8,000	$8,000	$8,000	432	$18.52

Supplemental Table 14. Aid To Localities (ATL) Program Allocations By Locality, FY 2009-2013

FIPS	County/Town/City	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013 *	2010 Census Population	FY 2013 Per Capita
392	Ivor	$8,000	$8,000	$8,000	$8,000	$8,000	339	$23.60
393	Jarrett	$8,000	$8,000	$8,000	$8,000	$8,000	638	$12.54
394	Jonesville	$8,000	$8,000	$8,000	$8,000	$8,000	1,034	$7.74
395	Keller	$8,000	$8,000	$8,000	$8,000	$8,000	178	$44.94
396	Kenbridge	$8,000	$8,000	$8,000	$8,000	$8,000	1,257	$6.36
397	Keysville	$8,000	$8,000	$8,000	$8,000	$8,000	832	$9.62
398	Kilmarnock	$8,000	$8,000	$8,000	$8,000	$8,000	1,487	$5.38
399	La Crosse	$8,000	$8,000	$8,000	$8,000	$8,000	604	$13.25
400	Lawrenceville	$8,000	$8,000	$8,000	$8,000	$8,000	1,438	$5.56
401	Lebanon	$8,907	$9,030	$9,450	$9,153	$9,153	3,424	$2.67
402	Leesburg	$77,043	$78,107	$81,745	$113,922	$113,922	42,616	$2.67
403	Louisa	$8,000	$8,000	$8,000	$8,000	$8,000	1,555	$5.14
404	Lovettsville	$8,000	$8,000	$8,000	$8,000	$8,000	1,613	$4.96
405	Luray	$13,256	$13,439	$14,065	$13,085	$13,085	4,895	$2.67
406	Madison	$8,000	$8,000	$8,000	$8,000	$8,000	229	$34.93
407	Marion	$17,278	$17,516	$18,332	$15,954	$15,954	5,968	$2.67
408	McKenney	$8,000	$8,000	$8,000	$8,000	$8,000	483	$16.56
409	Melfa	$8,000	$8,000	$8,000	$8,000	$8,000	408	$19.61
410	Middleburg	$8,000	$8,000	$8,000	$8,000	$8,000	673	$11.89
411	Middletown	$8,000	$8,000	$8,000	$8,000	$8,000	1,265	$6.32
412	Mineral	$8,000	$8,000	$8,000	$8,000	$8,000	467	$17.13
413	Monterey	$8,000	$8,000	$8,000	$8,000	$8,000	147	$54.42
414	Montross	$8,000	$8,000	$8,000	$8,000	$8,000	384	$20.83
415	Mount Crawford	$8,000	$8,000	$8,000	$8,000	$8,000	433	$18.48
416	Mount Jackson	$8,000	$8,000	$8,000	$8,000	$8,000	1,994	$4.01
417	Narrows	$8,000	$8,000	$8,000	$8,000	$8,000	2,029	$3.94
418	Nassawadox	$8,000	$8,000	$8,000	$8,000	$8,000	499	$16.03
419	New Castle	$8,000	$8,000	$8,000	$8,000	$8,000	153	$52.29
420	New Market	$8,000	$8,000	$8,000	$8,000	$8,000	2,146	$3.73
421	Newsoms	$8,000	$8,000	$8,000	$8,000	$8,000	321	$24.92
422	Nickelsville	$8,000	$8,000	$8,000	$8,000	$8,000	383	$20.89
423	Occoquan	$8,000	$8,000	$8,000	$8,000	$8,000	934	$8.57
424	Onancock	$8,000	$8,000	$8,000	$8,000	$8,000	1,263	$6.33
425	Onley	$8,000	$8,000	$8,000	$8,000	$8,000	516	$15.50
426	Orange	$11,220	$11,375	$11,905	$12,620	$12,620	4,721	$2.67
427	Painter	$8,000	$8,000	$8,000	$8,000	$8,000	229	$34.93
428	Pamplin City	$8,000	$8,000	$8,000	$8,000	$8,000	219	$36.53

Supplemental Table 14. Aid To Localities (ATL) Program Allocations By Locality, FY 2009-2013

FIPS	County/Town/City	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013 *	2010 Census Population	FY 2013 Per Capita
429	Parksley	$8,000	$8,000	$8,000	$8,000	$8,000	842	$9.50
430	Pearisburg	$8,000	$8,000	$8,000	$8,000	$8,000	2,786	$2.87
431	Pembroke	$8,000	$8,000	$8,000	$8,000	$8,000	1,128	$7.09
432	Pennington Gap	$8,000	$8,000	$8,000	$8,000	$8,000	1,781	$4.49
433	Phenix	$8,000	$8,000	$8,000	$8,000	$8,000	226	$35.40
434	Pocahantas	$8,000	$8,000	$8,000	$8,000	$8,000	389	$20.57
435	Port Royal	$8,000	$8,000	$8,000	$8,000	$8,000	126	$63.49
436	Pound	$8,000	$8,000	$8,000	$8,000	$8,000	1,037	$7.71
437	Pulaski	$25,779	$26,135	$27,352	$24,289	$24,289	9,086	$2.67
438	Purcellville	$9,753	$9,888	$10,348	$20,656	$20,656	7,727	$2.67
439	Quantico	$8,000	$8,000	$8,000	$8,000	$8,000	480	$16.67
440	Remington	$8,000	$8,000	$8,000	$8,000	$8,000	598	$13.38
441	Rich Creek	$8,000	$8,000	$8,000	$8,000	$8,000	774	$10.34
442	Richlands	$11,277	$11,433	$11,965	$15,566	$15,566	5,823	$2.67
443	Ridgeway	$8,000	$8,000	$8,000	$8,000	$8,000	742	$10.78
444	Rocky Mount	$11,065	$11,218	$11,740	$12,829	$12,829	4,799	$2.67
445	Round Hill	$8,000	$8,000	$8,000	$8,000	$8,000	539	$14.84
446	Rural Retreat	$8,000	$8,000	$8,000	$8,000	$8,000	1,483	$5.39
447	Saint Charles	$8,000	$8,000	$8,000	$8,000	$8,000	128	$62.50
448	Saint Paul	$8,000	$8,000	$8,000	$8,000	$8,000	970	$8.25
449	Saltville	$8,000	$8,000	$8,000	$8,000	$8,000	2,077	$3.85
450	Saxis	$8,000	$8,000	$8,000	$8,000	$8,000	241	$33.20
451	Scottsburg	$8,000	$8,000	$8,000	$8,000	$8,000	119	$67.23
452	Scottsville	$8,000	$8,000	$8,000	$8,000	$8,000	566	$14.13
453	Shenandoah	$8,000	$8,000	$8,000	$8,000	$8,000	2,373	$3.37
454	Smithfield	$17,210	$17,447	$18,260	$21,624	$21,624	8,089	$2.67
455	South Hill	$11,982	$12,147	$12,713	$12,430	$12,430	4,650	$2.67
456	Standardsville	$8,000	$8,000	$8,000	$8,000	$8,000	367	$21.80
457	Stanley	$8,000	$8,000	$8,000	$8,000	$8,000	1,689	$4.74
458	Stephens City	$8,000	$8,000	$8,000	$8,000	$8,000	1,829	$4.37
459	Stony Creek	$8,000	$8,000	$8,000	$8,000	$8,000	198	$40.40
460	Strasburg	$10,932	$11,082	$11,599	$17,103	$17,103	6,398	$2.67
461	Stuart	$8,000	$8,000	$8,000	$8,000	$8,000	1,408	$5.68
462	Surry	$8,000	$8,000	$8,000	$8,000	$8,000	244	$32.79
463	Tangier	$8,000	$8,000	$8,000	$8,000	$8,000	727	$11.00
464	Tappahannock	$8,000	$8,000	$8,000	$8,000	$8,000	2,375	$3.37
465	Tazewell	$11,446	$11,604	$12,144	$12,369	$12,369	4,627	$2.67

Supplemental Table 14. Aid To Localities (ATL) Program Allocations By Locality, FY 2009-2013

FIPS	County/Town/City	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013 *	2010 Census Population	FY 2013 Per Capita
466	The Plains	$8,000	$8,000	$8,000	$8,000	$8,000	217	$36.87
467	Timberville	$8,000	$8,000	$8,000	$8,000	$8,000	2,522	$3.17
468	Toms Brook	$8,000	$8,000	$8,000	$8,000	$8,000	258	$31.01
469	Troutdale	$8,000	$8,000	$8,000	$8,000	$8,000	178	$44.94
470	Troutville	$8,000	$8,000	$8,000	$8,000	$8,000	431	$18.56
471	Urbanna	$8,000	$8,000	$8,000	$8,000	$8,000	476	$16.81
472	Victoria	$8,000	$8,000	$8,000	$8,000	$8,000	1,725	$4.64
473	Vienna	$39,331	$39,874	$41,732	$41,935	$41,935	15,687	$2.67
474	Vinton	$21,177	$21,470	$22,470	$21,648	$21,648	8,098	$2.67
475	Virgilina	$8,000	$8,000	$8,000	$8,000	$8,000	154	$51.95
476	Wachapreague	$8,000	$8,000	$8,000	$8,000	$8,000	232	$34.48
477	Wakefield	$8,000	$8,000	$8,000	$8,000	$8,000	927	$8.63
478	Warrenton	$18,151	$18,402	$19,259	$25,692	$25,692	9,611	$2.67
479	Warsaw	$8,000	$8,000	$8,000	$8,000	$8,000	1,512	$5.29
480	Washington	$8,000	$8,000	$8,000	$8,000	$8,000	135	$59.26
481	Waverly	$8,000	$8,000	$8,000	$8,000	$8,000	2,149	$3.72
482	Weber City	$8,000	$8,000	$8,000	$8,000	$8,000	1,327	$6.03
483	West Point	$8,000	$8,000	$8,275	$8,838	$8,838	3,306	$2.67
484	White Stone	$8,000	$8,000	$8,000	$8,000	$8,000	352	$22.73
485	Windsor	$8,000	$8,000	$8,000	$8,000	$8,000	2,626	$3.05
486	Wise	$8,858	$8,980	$9,399	$8,784	$8,784	3,286	$2.67
487	Woodstock	$10,893	$11,044	$11,558	$13,625	$13,625	5,097	$2.67
488	Wytheville	$21,237	$21,530	$22,533	$21,950	$21,950	8,211	$2.67
490	Clinchco	$8,000	$8,000	$8,000	$8,000	$8,000	337	$23.74
492	South Boston	$23,107	$23,426	$24,517	$21,765	$21,765	8,142	$2.67
493	Clifton Forge	$11,672	$11,833	$12,384	$10,383	$10,383	3,884	$2.67
510	Alexandria	$349,099	$353,919	$370,405	$374,159	$374,159	139,966	$2.67
515	Bedford	$17,142	$17,378	$18,188	$16,633	$16,633	6,222	$2.67
520	Bristol	$47,261	$47,914	$50,146	$47,677	$47,677	17,835	$2.67
530	Buena Vista	$17,278	$17,516	$18,332	$17,777	$17,777	6,650	$2.67
540	Charlottesville	$109,122	$110,629	$115,782	$116,218	$116,218	43,475	$2.67
550	Chesapeake	$542,043	$549,528	$575,125	$594,013	$594,013	222,209	$2.67
570	Colonial Heights	$45,982	$46,617	$48,788	$46,543	$46,543	17,411	$2.67
580	Covington	$17,152	$17,389	$18,199	$16,000	$16,000	5,961	$2.68
590	Danville	$131,742	$133,561	$139,782	$115,095	$115,095	43,055	$2.67
595	Emporia	$16,000	$16,000	$16,357	$16,000	$16,000	5,927	$2.70
600	Fairfax	$58,503	$59,311	$62,073	$60,321	$60,321	22,565	$2.67

Supplemental Table 14. Aid To Localities (ATL) Program Allocations By Locality, FY 2009-2013

FIPS	County/Town/City	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013 *	2010 Census Population	FY 2013 Per Capita
610	Falls Church	$28,239	$28,629	$29,963	$32,966	$32,966	12,332	$2.67
620	Franklin	$22,712	$23,026	$24,098	$22,942	$22,942	8,582	$2.67
630	Fredericksburg	$52,464	$53,189	$55,666	$64,922	$64,922	24,286	$2.67
640	Galax	$18,606	$18,863	$19,741	$18,825	$18,825	7,042	$2.67
650	Hampton	$398,502	$404,004	$422,823	$367,396	$367,396	137,436	$2.67
660	Harrisonburg	$110,086	$111,606	$116,804	$130,758	$130,758	48,914	$2.67
670	Hopewell	$60,623	$61,460	$64,323	$60,391	$60,391	22,591	$2.67
678	Lexington	$18,687	$18,945	$19,828	$18,825	$18,825	7,042	$2.67
680	Lynchburg	$177,618	$180,070	$188,458	$202,010	$202,010	75,568	$2.67
683	Manassas	$95,614	$96,934	$101,449	$101,104	$101,104	37,821	$2.67
685	Manassas Park	$28,002	$28,389	$29,711	$38,155	$38,155	14,273	$2.67
690	Martinsville	$41,952	$42,531	$44,512	$36,947	$36,947	13,821	$2.67
700	Newport News	$491,734	$498,524	$521,746	$483,101	$483,101	180,719	$2.67
710	Norfolk	$637,885	$646,693	$676,817	$649,065	$649,065	242,803	$2.67
720	Norton	$16,000	$16,000	$16,000	$16,000	$16,000	3,958	$4.04
730	Petersburg	$91,817	$93,085	$97,421	$86,666	$86,666	32,420	$2.67
735	Poquoson	$31,475	$31,909	$33,396	$32,480	$32,480	12,150	$2.67
740	Portsmouth	$273,669	$277,448	$290,372	$255,386	$255,386	95,535	$2.67
750	Radford	$43,157	$43,753	$45,791	$43,862	$43,862	16,408	$2.67
760	Richmond	$538,250	$545,682	$571,100	$545,908	$545,908	204,214	$2.67
770	Roanoke	$258,283	$261,849	$274,047	$259,388	$259,388	97,032	$2.67
775	Salem	$67,344	$68,274	$71,455	$66,301	$66,301	24,802	$2.67
790	Staunton	$64,912	$65,808	$68,873	$63,478	$63,478	23,746	$2.67
800	Suffolk	$173,285	$175,678	$183,861	$226,114	$226,114	84,585	$2.67
810	Virginia Beach	$1,157,260	$1,173,239	$1,227,890	$1,170,853	$1,170,853	437,994	$2.67
820	Waynesboro	$53,120	$53,854	$56,362	$56,154	$56,154	21,006	$2.67
830	Williamsburg	$32,650	$33,101	$34,643	$37,607	$37,607	14,068	$2.67
840	Winchester	$64,182	$65,069	$68,099	$70,046	$70,046	26,203	$2.67
Grand Total		**$20,128,275**	**$20,388,306**	**$21,278,501**	**$22,238,930**	**$22,238,930**	**8,001,024**	**$2.78**

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.

* FY 2013 ATL allocations are estimated. FY 2013 actual amounts will be calculated in June 2013 when the Fire Programs Fund deposit is received.

Appendix

Virginia Fire Service Needs Assessment:

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

Volume IX - January 2013

VDFP Divisions

- Division 1 - Richmond
- Division 2 - Orange
- Division 3 - Farmville
- Division 4 - Chilhowie
- Division 5 - Hampton
- Division 6 - Roanoke
- Division 7 - Fairfax

Copyright © and (P) 1988–2006 Microsoft Corporation and/or its suppliers. All rights reserved. http://www.microsoft.com/mappoint/
Portions © 1990–2005 InstallShield Software Corporation. All rights reserved. Certain mapping and direction data © 2005 NAVTEQ. All rights reserved. The Data for areas of Canada includes information taken with permission from Canadian authorities, including: © Her Majesty the Queen in Right of Canada, © Queen's Printer for Ontario. NAVTEQ and NAVTEQ ON BOARD are trademarks of NAVTEQ. © 2005 Tele Atlas North America, Inc. All rights reserved. Tele Atlas and Tele Atlas North America are trademarks of Tele Atlas, Inc.

VDFP Division Areas

FIPS	County/City	FIPS	County/City	FIPS	County/City
Division 1 - Richmond		**Division 3 - Farmville (cont.)**		**Division 5 - Hampton (cont.)**	
007	Amelia County	031	Campbell County	550	Chesapeake
033	Caroline County	037	Charlotte County	595	Emporia
036	Charles City County	049	Cumberland County	620	Franklin
041	Chesterfield County	065	Fluvanna County	650	Hampton
053	Dinwiddie County	079	Greene County	700	Newport News
057	Essex County	083	Halifax County	710	Norfolk
075	Goochland County	111	Lunenburg County	735	Poquoson
085	Hanover County	117	Mecklenburg County	740	Portsmouth
087	Henrico County	125	Nelson County	800	Suffolk
097	King and Queen County	147	Prince Edward County	810	Virginia Beach
099	King George County	540	Charlottesville	830	Williamsburg
101	King William County	680	Lynchburg	**Division 6 - Roanoke**	
103	Lancaster County	790	Staunton	005	Alleghany County
109	Louisa County	820	Waynesboro	017	Bath County
127	New Kent County	**Division 4 - Chilhowie**		019	Bedford County
133	Northumberland County	021	Bland County	023	Botetourt County
135	Nottoway County	027	Buchanan County	045	Craig County
145	Powhatan County	035	Carroll County	063	Floyd County
149	Prince George County	051	Dickenson County	067	Franklin County
159	Richmond County	071	Giles County	089	Henry County
193	Westmoreland County	077	Grayson County	091	Highland County
570	Colonial Heights	105	Lee County	121	Montgomery County
670	Hopewell	155	Pulaski County	141	Patrick County
730	Petersburg	167	Russell County	143	Pittsylvania County
760	Richmond	169	Scott County	161	Roanoke County
Division 2 - Orange		173	Smyth County	163	Rockbridge County
043	Clarke County	185	Tazewell County	515	Bedford
047	Culpeper County	191	Washington County	530	Buena Vista
061	Fauquier County	195	Wise County	580	Covington
069	Frederick County	197	Wythe County	590	Danville
113	Madison County	520	Bristol	678	Lexington
137	Orange County	640	Galax	690	Martinsville
139	Page County	720	Norton	770	Roanoke
157	Rappahannock County	750	Radford	775	Salem
165	Rockingham County	**Division 5 - Hampton**		**Division 7 - Fairfax**	
171	Shenandoah County	001	Accomack County	013	Arlington County
177	Spotsylvania County	025	Brunswick County	059	Fairfax County
179	Stafford County	073	Gloucester County	107	Loudoun County
187	Warren County	081	Greensville County	153	Prince William County
630	Fredericksburg	093	Isle of Wight County	510	Alexandria
660	Harrisonburg	095	James City County	600	Fairfax
840	Winchester	115	Mathews County	610	Falls Church
Division 3 - Farmville		119	Middlesex County	683	Manassas
003	Albemarle County	131	Northampton County	685	Manassas Park
009	Amherst County	175	Southampton County		
011	Appomattox County	181	Surry County		
015	Augusta County	183	Sussex County		
029	Buckingham County	199	York County		

2012 Virginia Fire Service Needs Assessment Survey

This survey will provide updated statistical information to state legislators on the overall needs of Virginia's fire service. It will also provide important resource and training information that will be used to plan and manage programs within the Virginia Department of Fire Programs. All survey data will be compiled and the results will be published in January 2013 in Volume IX 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. The estimated time needed to complete the entire survey is approximately 45 minutes. All questions require an answer.

Also, anytime while you are completing your survey, you can exit and close, if needed, and then can return later to finish submitting your response. (Clicking "Next" on each page will save your answers.) When you logon again, the survey will bring you to your last page completed.

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

Dwight E. Crews
Information and Statistics Manager
Virginia Department of Fire Programs
1005 Technology Park Drive
Glen Allen, VA 23059-4500

Ph: (804) 249-1989
Cell : (804) 205-7275
Fax: (804) 371-3444
Email: dwight.crews@vdfp.virginia.gov
Website: www.vafire.com

1. Please enter your survey password and click the 'Next' button to logon. Then, click the 'Next' button again to continue.

Please use the blank space to write your answers.

…… …… …… ……

2. FDID:

Please use the blank space to write your answers.

....

3. Fire Department:

Please use the blank space to write your answers.

....

4. Survey Reporting: (Please complete the survey for the following departments.)

Please use the blank space to write your answers.

....

Contact Information

5. Please complete your contact information.

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

	Contact Information
Name of Person Completing Survey	.....
Title of Person Completing Survey	.....
Contact Phone Number	.....
Contact Email Address	.....

Section I - General Department Information

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

Please use the blank space to write your answers.

Fire Department Name

....

Mailing Address

....

City, State, Zip (Mailing)

....

Street Address (If Not Same As Mailing Address)

....

City, State, Zip (Street)

....

Phone Number (Non-Emergency)

....

Fax Number

....

Fire Department Email Address

....

Current Fire Chief

....

Fire Chief Email Address

....

7. If changes are needed or if information is missing, please specify any updates to your fire department's contact information below.

Please use the blank space to write your answers.

Fire Department Name

....

Mailing Address

....

City, State, Zip (Mailing)

....

Street Address (If Not Same As Mailing Address)

....

City, State, Zip (Street)

....

Phone Number (Non-Emergency)

....

Fax Number

....

Fire Department Email Address

....

Current Fire Chief

....

Fire Chief Email Address

....

8. Please review your fire department's status (career, volunteer, or combination) shown below.

Please use the blank space to write your answers.

....

9. If changes are needed, please select from the following list to update your fire department's status. If your status is correct, please select 'No Update Needed'.

Please pick one of the answers below.

- ○ Career
- ○ Volunteer
- ○ Combination
- ○ No Update Needed

10. Is the area that your department has primary responsibility to protect (exclude mutual aid areas) urban, suburban, rural? (Check all that apply.)

Please check all that apply.

- ☐ Urban
- ☐ Suburban
- ☐ Rural

11. What is the number of permanent residents that your department has primary responsibility to protect?

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

12. What is the number of square miles that your department has primary responsibility to protect?

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

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

Please use the blank space to write your answers.

Career Firefighter

....

Volunteer Firefighters

....

Paid-per-call Firefighters

....

Total

....

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

Please use the blank space to write your answers.

Average Firefighters on Duty

....

15. Please indicate the total number of civilian (non-fire service) 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

....

16. 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

17. 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).

	a. Does your department have the program?	b. If "Yes", do you have an individual assigned to coordinate the program?
Recruitment Program	○ Yes ○ No	○ Yes ○ No ○ Not Applicable (NA)
Retention Program	○ Yes ○ No	○ Yes ○ No ○ Not Applicable (NA)

18. How do you promote the recruitment of new personnel with your department? (Check all that apply.)

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

- ☐ Advertise on TV / Radio / Newspaper
- ☐ Citizen Involvement Programs such as Fire Corps
- ☐ Job / Career Fairs
- ☐ Letter / Email / Brochure Mailings
- ☐ Open Houses / Community Events
- ☐ Signs / Banners
- ☐ Fire Department / Locality Website
- ☐ Word of Mouth / Member Recruitment
- ☐ No Promotion or Advertisement

Other

....

19. What type of incentives or rewards do you offer to members of your department? (Check all that apply.)

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

- ☐ Awards for Performance / Training
- ☐ Business Discounts
- ☐ Department Clothing - Shirts, Hats
- ☐ Free County / City / Town Decal
- ☐ Insurance - Life, Workers Compensation
- ☐ Local Tax Reduction / Discount
- ☐ Meals
- ☐ Money / Bonuses
- ☐ Paid Training
- ☐ Retirement Program
- ☐ Utility Rate Discount
- ☐ No Incentives or Rewards

Other

....

Section III - Facilities & Apparatus

20. What is the age of the fire stations with your department? Please list the number of stations for each category shown below. (The total at the bottom should add to the total number of stations.)

Please use the blank space to write your answers.

0 to 4 Years

....

5 to 9 Years

....

10 to 19 Years

....

20 to 29 Years

....

30 to 39 Years

....

40 to 49 Years

....

More than 50 Years

....

Total

....

21. How many of your fire stations have backup power? Please list the number of stations for each category shown below. (The total at the bottom should add to the total number of stations.)

Please use the blank space to write your answers.

Have Backup Power

....

Do Not Have Backup Power

....

Total

....

22. 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 (Mid-Mount, Rear-Mount, Tiller, Tower)

....

Aircraft Rescue and Fire Fighting (ARFF) Vehicle

....

Ambulance / Other Patient Transport

....

Command Support Unit

....

Command Vehicle (SUV)

....

Engine / Pumper

....

Fire Bike (Bicycle for Response)

....

Fire / Rescue Boat

....

Hazardous Materials (HAZMAT) Vehicle

....

Heavy Technical Rescue Vehicle

....

Logistical Support Apparatus

....

Quint Combination Vehicle

....

Tanker

....

Wildland Brush Truck

....

Other

....

23. 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.

4-Gas Monitors

....

Map Coordinate System - GPS

....

Mobile Data Terminals

....

Personal Alert Safety Systems (PASS)

....

Personal Protective Equipment (PPE)

....

Radios w/ Emergency Alert Button

....

Radios w/o Emergency Alert Button

....

Self-Contained Breathing Apparatus (SCBA) w/ Integrated PASS

....

Self-Contained Breathing Apparatus (SCBA) w/o Integrated PASS

....

Thermal Imaging Cameras

....

Other

....

24. 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.

- ☐ 911 Center / Communications Department
- ☐ Emergency Medical Services (EMS) Agency
- ☐ Emergency Services / Public Safety Department
- ☐ Forestry Department
- ☐ Law Enforcement Department (Police, Sheriff)
- ☐ Local Administrative Offices
- ☐ No Other Organizations within Facility

Other

....

Section IV - Operating Budget Information

25. Please answer the following questions about your department's operating budget for FY2013.

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

	a. How much funding do you anticipate receiving from the following sources for FY2013?	b. If you anticipate a reduction in funding from FY2012 to FY2013, how much is your funding going to be reduced?
Locality Funding	.....	.....
Fund Raising / Donations	.....	.....
Grant Funding	.....	.....

26. Do you plan to apply for additional funding with any of the following grants in FY2013? (Check all that apply.)

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

- ☐ Assistance to Firefighters Fire Station Construction Grants (SCG)
- ☐ Assistance to Firefighters Grant (AFG) Program
- ☐ Burn Building Grant Program
- ☐ Fire Prevention and Safety (FP&S) Grants
- ☐ Rescue Squad Assistance Fund (RSAF) Grant Program
- ☐ Staffing for Adequate Fire and Emergency Response (SAFER) Grants
- ☐ State Homeland Security Grants
- ☐ Training Mini Grants
- ☐ VFIRS Hardware Technology Grants
- ☐ Virginia Dry Hydrant Grant Program
- ☐ Other Forestry Grants (Not Including Dry Hydrant Grant)
- ☐ Other Federal Grant Programs
- ☐ Private Grant Funding Programs
- ☐ No Funding from Grants

Other

....

27. What percentage (%) of your FY2013 budget is from the following sources? (The total at the bottom should add to 100%.)

Please use the blank space to write your answers.

Aid to Localities (ATL) Funding

....

Additional Grant Funding

....

Billing Fees for Services

....

Federal Government Funding

....

Fire District or Other Taxes

....

Fund Raising / Donations

....

Local Government Funding (Not Including ATL)

....

State Government Funding

....

Other

....

Total

....

Section V - Communications

28. 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

29. What frequency spectrum does your department operate on? (Check all that apply.)

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

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

Other

....

30. 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
- ○ 911 Center / Communications Department

Other

....

31. What percentage (%) of your apparatus are equipped with the following electronic equipment?

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

	Percent of Apparatus
Map Coordinate System - GPS	.....
Mobile Data Terminals	.....

32. Does your department have the following equipment available for use at your stations? (Check all that apply.)

Please check all that apply.

- ☐ Desktop Computers
- ☐ Laptop/Netbook Computers
- ☐ Toughbook Computers
- ☐ Tablets/iPads
- ☐ Projectors

33. Does each of your stations have a computer available for incident reporting? Please list the number of stations for each category shown below. (The total at the bottom should add to the total number of stations.)

Please use the blank space to write your answers.

Computer at Station

....

No Computer Available

....

Total

....

34. What type of internet does each of your stations have? Please list the number of stations for each category shown below. (The total at the bottom should add to the total number of stations.)

Please use the blank space to write your answers.

Dial-Up Internet

....

High Speed Internet

....

Wireless Internet

....

Satellite Internet

....

No Internet Service

....

Total

....

35. Does your department use any of the following social media? (Check all that apply.)

Please check all that apply.

- ☐ Facebook
- ☐ Twitter
- ☐ YouTube
- ☐ Google+
- ☐ Flickr
- ☐ Pinterest
- ☐ Social Media Not Used

36. Please answer the following questions concerning if your fire department has a website or Facebook page.

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

	Does your department have and maintain the following websites?	If "Yes", please specify the website address.
Department Webpage	○ Yes ○ No	.....
Facebook Page	○ Yes ○ No	.....

Section VI - Fire Department Roles / Training

37. 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

38. Please answer the following questions concerning minimum levels of training required at your department.

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

	a. Does your department currently have a minimum level of training required to be an active member?	b. If "Yes", what minimum level are your members certified?	c. If "Yes", what period of time does a member have to become certified?
Minimum Training	○ Yes ○ No	○ Fire Fighter I and HazMat Operations ○ Fire Fighter II and HazMat Operations ○ Not Applicable (NA)	○ 12 Months ○ 18 Months ○ 24 Months ○ Not Applicable (NA)

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

Please pick one of the answers below.

○ Yes

○ No

40. Please answer the following questions about your department's training based on the National Fire Protection Association (NFPA) standards.

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

	a. How many of your active firefighters are trained in the following fire service areas and levels?	b. How many of your active firefighters need training at this level?
Hazardous Materials (NFPA 472) - Awareness	.....	.....
Hazardous Materials (NFPA 472) - Operations	.....	.....
Fire Fighter (NFPA 1001) - Level I	.....	.....
Fire Fighter (NFPA 1001) - Level II	.....	.....
Fire Apparatus Driver / Operator (NFPA 1002) - Driver / Pump Operator	.....	.....
Fire Apparatus Driver / Operator (NFPA 1002) - Aerial Operator	.....	.....
Airport Fire Fighter (NFPA 1003)	.....	.....
Fire Officer (NFPA 1021) - Level I	.....	.....
Fire Officer (NFPA 1021) - Level II	.....	.....
Fire Officer (NFPA 1021) - Level III	.....	.....
Fire Officer (NFPA 1021) - Level IV	.....	.....
Fire Inspector (NFPA 1031) - Level I and Level II	.....	.....
Fire Investigator (NFPA 1033)	.....	.....
Fire Service Instructor (NFPA 1041) - Level I	.....	.....
Fire Service Instructor (NFPA 1041) - Level II	.....	.....

Fire Service Instructor (NFPA 1041) - Level III	.....	.....
Public Fire and Life Safety Educator (NFPA 1035) - Level I	.....	.....
Public Fire and Life Safety Educator (NFPA 1035) - Level II	.....	.....
Juvenile Firesetter Intervention Specialist (NFPA 1035) - Level I	.....	.....
Juvenile Firesetter Intervention Specialist (NFPA 1035) - Level II	.....	.....

41. Please answer the following questions about your department's technical rescue training based on the National Fire Protection Association (NFPA) standards.

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

	a. How many of your active firefighters are trained in the following technical rescue areas and levels?	b. How many of your active firefighters need training at this level?
Introduction to Technical Rescue - Module I	.....	.....
Introduction to Technical Rescue - Module II	.....	.....
Rope - Level I	.....	.....
Rope - Level II	.....	.....
Confined Space - Level I	.....	.....
Confined Space - Level II	.....	.....
Trench - Level I	.....	.....
Trench - Level II	.....	.....
Surface Water - Level I	.....	.....
Surface Water - Level II	.....	.....
Vehicle - Level I	.....	.....
Vehicle - Level II	.....	.....

42. How many of your stations have adequate technical rescue equipment ? Please list the number of stations for each category shown below.

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

	Stations with adequate equipment to respond	Stations without adequate equipment to respond
Rope	.....	.....
Confined Space	.....	.....
Trench	.....	.....
Surface Water	.....	.....
Vehicle	.....	.....

43. Please answer the following questions regarding your department's Emergency Medical Services (EMS) license.

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

	a. Is your department licensed by the Virginia Department of Health, Office of Emergency Medical Services as an EMS agency?	b. If "Yes", what classification of EMS license does your department hold?
EMS Classification	○ Yes ○ No	○ Non-Transport First Response, Basic Life Support ○ Non-Transport First Response, Advanced Life Support ○ Ground Ambulance, Basic Life Support ○ Ground Ambulance, Advanced Life Support ○ Not Applicable (NA)

44. Please answer the following questions about your department's EMS training.

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

	a. How many of your active firefighters are trained in the following EMS levels?	b. How many of your active firefighters need training at this level?
EMS First Responder	.....	.....
EMT - Basic	.....	.....
EMT - Advanced	.....	.....
EMT - Intermediate	.....	.....
EMT - Paramedic	.....	.....

Section VII - Fire Prevention & Code Enforcement

45. 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.

- ☐ Child Safety Seat Installations
- ☐ Community Emergency Response Teams (CERT)
- ☐ Distribution / Installation of Home Smoke / Heat / CO Alarms
- ☐ Fire Extinguisher Training
- ☐ Juvenile Firesetter Program
- ☐ Permit Approval
- ☐ Plans Review
- ☐ Routine Testing of Active Systems (Fire Sprinkler, Detection / Alarm, Smoke Control)
- ☐ School Fire Safety Education Program
- ☐ No Programs or Activities

Other

....

46. 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 / Local Fire Marshal's Office
- ☐ Local Public Safety Department

Other

....

47. 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
- ☐ Local Fire Marshal's Office
- ☐ Local Public Safety Department
- ☐ Police / Sheriff's Department
- ☐ Regional Arson Task Force Investigator
- ☐ State Arson Investigator

Other

....

Section VIII - Your Fire Department's Top Needs

48. Please rank your department's Top Needs from 1 to 5 for FY2013. (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	○	○	○	○	○
Equipment	○	○	○	○	○
Facilities	○	○	○	○	○
Personnel	○	○	○	○	○
Training	○	○	○	○	○

49. Please indicate the amount of additional funding that your department needs in FY2013 for each type of specific department need. (Do not include current expected amounts of funding reported in Section IV.)

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

	Additional Funding
Apparatus	.....
Equipment	.....
Facilities	.....
Personnel	.....
Training	.....

50. Please check the specific type of apparatus that your department needs for FY2013 and also indicate a quantity needed. Do not report current apparatus already budgeted for FY2013. (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 (Mid-Mount, Rear-Mount, Tiller, Tower)	☐	.....
Aircraft Rescue and Fire Fighting (ARFF) Vehicle	☐	.....
Ambulance / Other Patient Transport	☐	.....
Command Support Unit	☐	.....
Command Vehicle (SUV)	☐	.....
Engine / Pumper	☐	.....
Fire Bike (Bicycle for Response)	☐	.....
Fire / Rescue Boat	☐	.....
Hazardous Materials (HAZMAT) Vehicle	☐	.....
Heavy Technical Rescue Vehicle	☐	.....
Logistical Support Apparatus	☐	.....
Quint Combination Vehicle	☐	.....
Tanker	☐	.....
Wildland Brush Truck	☐	.....
No Apparatus Currently Needed	☐	.....
Other	☐	.....

51. Please check the specific type of equipment that your department needs for FY2013 and also indicate the quantity needed. Do not report current equipment already budgeted for FY2013. (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
4-Gas Monitors	☐	.....
Map Coordinate System - GPS	☐	.....
Mobile Data Terminals	☐	.....
Personal Alert Safety Systems (PASS)	☐	.....
Personal Protective Equipment (PPE)	☐	.....
Radios w/ Emergency Alert Button	☐	.....
Radios w/o Emergency Alert Button	☐	.....
Self-Contained Breathing Apparatus (SCBA) w/ Integrated PASS	☐	.....
Self-Contained Breathing Apparatus (SCBA) w/o Integrated PASS	☐	.....
Thermal Imaging Cameras	☐	.....
No Equipment Currently Needed	☐	.....
Other	☐	.....

52. Please check the specific type of facilities that your department needs for FY2013. Do not report current facility improvements/new construction already budgeted for FY2013. (Check all that apply.)

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

- ☐ Addition to Existing Stations
- ☐ Exhaust / Ventilation System
- ☐ Improvements / Remodeling of Existing Stations
- ☐ Installation of Backup Power
- ☐ New Constructed Stations
- ☐ No Facilities Currently Needed

Other

....

53. Please check the specific type of personnel that your department needs for FY2013 and also indicate the quantity needed. Do not report current personnel already budgeted for FY2013. (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	☐	.....
Firefighter - Volunteer	☐	.....
Civilian - Paid	☐	.....
Civilian - Volunteer	☐	.....
No Personnel Currently Needed	☐	.....
Other	☐	.....

54. Please select your top 3 priority types of training that your department needs for FY2013 from the following training areas and levels. (Your selection may impact the training opportunities available in your area.)

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

	Training Area and Level
#1 Top Training Priority	○ Fire Fighter (NFPA 1001) - Level I ○ Fire Fighter (NFPA 1001) - Level II ○ Fire Apparatus Driver / Operator (NFPA 1002) - Driver / Pump Operator ○ Fire Apparatus Driver / Operator (NFPA 1002) - Aerial Operator ○ Airport Fire Fighter (NFPA 1003) ○ Fire Officer (NFPA 1021) - Level I ○ Fire Officer (NFPA 1021) - Level II ○ Fire Officer (NFPA 1021) - Level III ○ Fire Officer (NFPA 1021) - Level IV ○ Fire Inspector (NFPA 1031) - Level I and Level II ○ Fire Investigator (NFPA 1033) ○ Fire Service Instructor (NFPA 1041) - Level I ○ Fire Service Instructor (NFPA 1041) - Level II ○ Fire Service Instructor (NFPA 1041) - Level III ○ Public Fire and Life Safety Educator (NFPA 1035) - Level I ○ Public Fire and Life Safety Educator (NFPA 1035) - Level II ○ Juvenile Firesetter Intervention Specialist (NFPA 1035) - Level I ○ Juvenile Firesetter Intervention Specialist (NFPA 1035) - Level II ○ National Incident Management System (NIMS) Training ○ Virginia Fire Incident Reporting System (VFIRS) Training ○ Wildland Firefighting Training ○ No Training Currently Needed
#2 Top Training Priority	○ Fire Fighter (NFPA 1001) - Level I ○ Fire Fighter (NFPA 1001) - Level II ○ Fire Apparatus Driver / Operator (NFPA 1002) - Driver / Pump Operator ○ Fire Apparatus Driver / Operator (NFPA 1002) - Aerial Operator ○ Airport Fire Fighter (NFPA 1003) ○ Fire Officer (NFPA 1021) - Level I ○ Fire Officer (NFPA 1021) - Level II ○ Fire Officer (NFPA 1021) - Level III ○ Fire Officer (NFPA 1021) - Level IV ○ Fire Inspector (NFPA 1031) - Level I and Level II ○ Fire Investigator (NFPA 1033) ○ Fire Service Instructor (NFPA 1041) - Level I ○ Fire Service Instructor (NFPA 1041) - Level II ○ Fire Service Instructor (NFPA 1041) - Level III ○ Public Fire and Life Safety Educator (NFPA 1035) - Level I ○ Public Fire and Life Safety Educator (NFPA 1035) - Level II ○ Juvenile Firesetter Intervention Specialist (NFPA 1035) - Level I ○ Juvenile Firesetter Intervention Specialist (NFPA 1035) - Level II ○ National Incident Management System (NIMS) Training ○ Virginia Fire Incident Reporting System (VFIRS) Training ○ Wildland Firefighting Training ○ No Training Currently Needed

#3 Top Training Priority	○ Fire Fighter (NFPA 1001) - Level I ○ Fire Fighter (NFPA 1001) - Level II ○ Fire Apparatus Driver / Operator (NFPA 1002) - Driver / Pump Operator ○ Fire Apparatus Driver / Operator (NFPA 1002) - Aerial Operator ○ Airport Fire Fighter (NFPA 1003) ○ Fire Officer (NFPA 1021) - Level I ○ Fire Officer (NFPA 1021) - Level II ○ Fire Officer (NFPA 1021) - Level III ○ Fire Officer (NFPA 1021) - Level IV ○ Fire Inspector (NFPA 1031) - Level I and Level II ○ Fire Investigator (NFPA 1033) ○ Fire Service Instructor (NFPA 1041) - Level I ○ Fire Service Instructor (NFPA 1041) - Level II ○ Fire Service Instructor (NFPA 1041) - Level III ○ Public Fire and Life Safety Educator (NFPA 1035) - Level I ○ Public Fire and Life Safety Educator (NFPA 1035) - Level II ○ Juvenile Firesetter Intervention Specialist (NFPA 1035) - Level I ○ Juvenile Firesetter Intervention Specialist (NFPA 1035) - Level II ○ National Incident Management System (NIMS) Training ○ Virginia Fire Incident Reporting System (VFIRS) Training ○ Wildland Firefighting Training ○ No Training Currently Needed

55. Please select your top 3 priority types of training that your department needs for FY2013 from the following technical rescue areas and levels. (Your selection may impact the training opportunities available in your area.)

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

	Technical Rescue Training Area and Level
#1 Top Training Priority	○ Introduction to Technical Rescue, Module I ○ Introduction to Technical Rescue, Module II ○ Rope - Level I ○ Rope - Level II ○ Confined Space - Level I ○ Confined Space - Level II ○ Trench - Level I ○ Trench - Level II ○ Surface Water - Level I ○ Surface Water - Level II ○ Vehicle - Level I ○ Vehicle - Level II ○ No Technical Rescue Training Currently Needed
#2 Top Training Priority	○ Introduction to Technical Rescue, Module I ○ Introduction to Technical Rescue, Module II ○ Rope - Level I ○ Rope - Level II ○ Confined Space - Level I ○ Confined Space - Level II ○ Trench - Level I ○ Trench - Level II ○ Surface Water - Level I ○ Surface Water - Level II ○ Vehicle - Level I ○ Vehicle - Level II ○ No Technical Rescue Training Currently Needed
#3 Top Training Priority	○ Introduction to Technical Rescue, Module I ○ Introduction to Technical Rescue, Module II ○ Rope - Level I ○ Rope - Level II ○ Confined Space - Level I ○ Confined Space - Level II ○ Trench - Level I ○ Trench - Level II ○ Surface Water - Level I ○ Surface Water - Level II ○ Vehicle - Level I ○ Vehicle - Level II ○ No Technical Rescue Training Currently Needed

Final Comments

56. Please complete the following questions on how much time was required to complete the survey.

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

	a. How long did the survey take to complete on-line?	b. How much time was needed to research information for the survey?
Time to Complete	○ 30 min. ○ 45 min. ○ 1 hr. ○ 2 hrs. ○ 3 hrs. ○ 4 hrs. ○ 5 hrs. ○ 6 hrs. ○ More than 6 hrs.	○ 15 min. ○ 30 min. ○ 45 min. ○ 1 hr. ○ 2 hrs. ○ 3 - 5 hrs. ○ 6 - 12 hrs. ○ 13 - 24 hrs. ○ 2 Days ○ 3 Days to 1 Week ○ More than 1 Week ○ No Research Needed

57. 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

....

58. 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

....

59. 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	○	○	○	○	○	○	○
Simple to Complete Response On-line	○	○	○	○	○	○	○

60. Please complete any final comments about the survey. Your department's comments may be included in the report to legislators.

Please write your answer in the space below.

....

....

....

....

Before submitting your survey, click here to review your survey response. You can print your answers from here, but you still need to return and click 'Submit' button to send you survey.

Virginia Department of Fire Programs

2012 Needs Assessment Survey Response By County/City

FIPS	County/City	Number of Surveys Completed	Number of Fire Departments	Percent Completed	Total Fire Departments Represented
001	Accomack County	1	1	100.0%	15
003	Albemarle County	1	1	100.0%	8
005	Alleghany County	7	7	100.0%	7
007	Amelia County	1	1	100.0%	6
009	Amherst County	1	1	100.0%	4
011	Appomattox County	2	2	100.0%	2
013	Arlington County	1	1	100.0%	1
015	Augusta County	1	1	100.0%	16
017	Bath County	0	3	0.0%	0
019	Bedford County	0	1	0.0%	0
021	Bland County	6	6	100.0%	6
023	Botetourt County	1	1	100.0%	7
025	Brunswick County	4	7	57.1%	4
027	Buchanan County	8	10	80.0%	8
029	Buckingham County	4	4	100.0%	4
031	Campbell County	1	1	100.0%	9
033	Caroline County	1	1	100.0%	7
035	Carroll County	4	4	100.0%	4
036	Charles City County	1	1	100.0%	1
037	Charlotte County	6	7	85.7%	6
041	Chesterfield County	1	1	100.0%	1
043	Clarke County	0	1	0.0%	0
045	Craig County	5	5	100.0%	5
047	Culpeper County	7	7	100.0%	7
049	Cumberland County	3	3	100.0%	3
051	Dickenson County	4	4	100.0%	4
053	Dinwiddie County	1	1	100.0%	6
057	Essex County	2	2	100.0%	2
059	Fairfax County	1	1	100.0%	1
061	Fauquier County	11	12	91.7%	11
063	Floyd County	1	1	100.0%	5
065	Fluvanna County	2	2	100.0%	5
067	Franklin County	1	1	100.0%	12
069	Frederick County	1	1	100.0%	12
071	Giles County	4	8	50.0%	4
073	Gloucester County	2	2	100.0%	2
075	Goochland County	1	1	100.0%	1
077	Grayson County	3	6	50.0%	3
079	Greene County	2	3	66.7%	2
081	Greensville County *	-	-	-	-
083	Halifax County	2	2	100.0%	13
085	Hanover County	1	1	100.0%	13

2012 Needs Assessment Survey Response By County/City

FIPS	County/City	Number of Surveys Completed	Number of Fire Departments	Percent Completed	Total Fire Departments Represented
087	Henrico County	1	1	100.0%	1
089	Henry County	1	1	100.0%	8
091	Highland County	1	4	25.0%	1
093	Isle of Wight County	1	1	100.0%	6
095	James City County	1	1	100.0%	1
097	King and Queen County	5	5	100.0%	5
099	King George County	1	1	100.0%	1
101	King William County	1	1	100.0%	4
103	Lancaster County	3	3	100.0%	3
105	Lee County	10	10	100.0%	10
107	Loudoun County	1	1	100.0%	14
109	Louisa County	1	1	100.0%	8
111	Lunenburg County	3	3	100.0%	3
113	Madison County	1	1	100.0%	1
115	Mathews County	1	1	100.0%	1
117	Mecklenburg County	8	8	100.0%	8
119	Middlesex County	4	4	100.0%	4
121	Montgomery County	5	5	100.0%	5
125	Nelson County	7	7	100.0%	7
127	New Kent County	1	1	100.0%	3
131	Northampton County	5	5	100.0%	5
133	Northumberland County	2	2	100.0%	2
135	Nottoway County	3	3	100.0%	3
137	Orange County	1	1	100.0%	6
139	Page County	1	1	100.0%	4
141	Patrick County	9	10	90.0%	9
143	Pittsylvania County	16	21	76.2%	16
145	Powhatan County	1	1	100.0%	6
147	Prince Edward County	5	5	100.0%	5
149	Prince George County	1	1	100.0%	6
153	Prince William County	1	1	100.0%	11
155	Pulaski County	2	2	100.0%	9
157	Rappahannock County	6	6	100.0%	6
159	Richmond County	2	2	100.0%	2
161	Roanoke County	2	2	100.0%	11
163	Rockbridge County	8	9	88.9%	8
165	Rockingham County	1	1	100.0%	11
167	Russell County	6	7	85.7%	6
169	Scott County	7	7	100.0%	7
171	Shenandoah County	1	1	100.0%	10
173	Smyth County	7	7	100.0%	7
175	Southampton County	6	8	75.0%	6
177	Spotsylvania County	1	1	100.0%	3
179	Stafford County	1	1	100.0%	10
181	Surry County	3	3	100.0%	3
183	Sussex County	5	5	100.0%	5
185	Tazewell County	14	17	82.4%	14
187	Warren County	1	1	100.0%	8
191	Washington County	8	9	88.9%	8
193	Westmoreland County	4	4	100.0%	4
195	Wise County	7	7	100.0%	7
197	Wythe County	6	6	100.0%	6
199	York County	1	1	100.0%	1

2012 Needs Assessment Survey Response By County/City

FIPS	County/City	Number of Surveys Completed	Number of Fire Departments	Percent Completed	Total Fire Departments Represented
510	Alexandria	1	1	100.0%	1
515	Bedford	1	1	100.0%	1
520	Bristol	1	1	100.0%	1
530	Buena Vista	1	1	100.0%	1
540	Charlottesville	1	1	100.0%	1
550	Chesapeake	1	1	100.0%	1
570	Colonial Heights	1	1	100.0%	1
580	Covington	1	1	100.0%	1
590	Danville	1	1	100.0%	1
595	Emporia	0	1	0.0%	0
600	Fairfax	1	1	100.0%	1
610	Falls Church	1	1	100.0%	1
620	Franklin	1	1	100.0%	2
630	Fredericksburg	1	1	100.0%	1
640	Galax	1	1	100.0%	1
650	Hampton	1	1	100.0%	1
660	Harrisonburg	1	1	100.0%	1
670	Hopewell	1	1	100.0%	1
678	Lexington	1	1	100.0%	1
680	Lynchburg	1	1	100.0%	1
683	Manassas	2	2	100.0%	2
685	Manassas Park	1	1	100.0%	1
690	Martinsville	1	1	100.0%	1
700	Newport News	1	1	100.0%	1
710	Norfolk	1	1	100.0%	1
720	Norton	1	1	100.0%	1
730	Petersburg	1	1	100.0%	1
735	Poquoson	1	1	100.0%	1
740	Portsmouth	1	1	100.0%	1
750	Radford	1	1	100.0%	1
760	Richmond	1	1	100.0%	1
770	Roanoke	1	1	100.0%	1
775	Salem	0	1	0.0%	0
790	Staunton	1	1	100.0%	1
800	Suffolk	1	1	100.0%	5
810	Virginia Beach	1	1	100.0%	1
820	Waynesboro	1	1	100.0%	1
830	Williamsburg	1	1	100.0%	1
840	Winchester	1	1	100.0%	1
Grand Total		**345**	**384**	**89.8%**	**589**
Overall Survey Response					**91.6%**

Note: The overall survey response percentage is based on 643 total fire departments.

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

Virginia Department of Fire Programs

2012 Needs Assessment Completed Surveys By Date Completed

FDID	Fire Department	County/City	Survey Number *	Date Completed
13303	Fairfields Vol. Fire Dept.	Northumberland County	1	7/26/2012
10306	White Stone Vol. Fire Dept.	Lancaster County	2	7/26/2012
16307	South River District Vol. Fire Dept.	Rockbridge County	3	7/26/2012
12506	Wintergreen Vol. Fire Dept.	Nelson County	4	7/26/2012
08300	Halifax Co. Emergency Services	Halifax County	5	7/26/2012
51500	Bedford Vol. Fire Dept.	Bedford	6	7/26/2012
84000	Winchester Fire & Rescue	Winchester	7	7/26/2012
13117	Eastville Vol. Fire Co., Inc.	Northampton County	8	7/26/2012
16901	Duffield Vol. Fire & Rescue	Scott County	9	7/26/2012
60000	Fairfax City Fire Dept.	Fairfax	10	7/26/2012
02706	Knox Creek Vol. Fire Dept.	Buchanan County	11	7/26/2012
69000	Martinsville Fire & EMS	Martinsville	12	7/27/2012
17303	Chilhowie Fire Dept.	Smyth County	13	7/27/2012
16308	Walkers Creek Vol. Fire Dept.	Rockbridge County	14	7/27/2012
04706	Little Fork Vol. Fire & Rescue	Culpeper County	15	7/27/2012
04702	Culpeper Co. Vol. Fire Dept.	Culpeper County	16	7/27/2012
06700	Franklin Co. Emergency Services	Franklin County	17	7/27/2012
00700	Amelia Co. Dept. of Emerg. Mgmt.	Amelia County	18	7/27/2012
07903	Dyke Vol. Fire Co., Inc.	Greene County	19	7/27/2012
14319	Kentuck Vol. Fire Dept.	Pittsylvania County	20	7/27/2012
11903	Middlesex Vol. Fire Dept.	Middlesex County	21	7/29/2012
15506	Pulaski Fire Dept.	Pulaski County	22	7/30/2012
05700	Essex County EMS	Essex County	23	7/30/2012
15500	Pulaski Co. Emergency Services	Pulaski County	24	7/30/2012
07500	Goochland Co. Fire-Rescue & Emerg. Srvcs.	Goochland County	25	7/30/2012
82000	Waynesboro Fire Dept.	Waynesboro	26	7/30/2012
17506	Ivor Vol. Fire Dept.	Southampton County	27	7/31/2012
19706	Wytheville Fire Dept.	Wythe County	28	7/31/2012
78000	South Boston Fire & EMS	Halifax County	29	8/1/2012
56000	Clifton Forge Fire Dept.	Alleghany County	30	8/1/2012
02901	Arvonia Vol. Fire Dept.	Buckingham County	31	8/1/2012
11708	Lake Gaston Vol. Fire Dept.	Mecklenburg County	32	8/2/2012
05300	Dinwiddie Co. Fire & EMS	Dinwiddie County	33	8/2/2012
14313	Brosville Community Vol. Fire Dept.	Pittsylvania County	34	8/2/2012
83000	Williamsburg Fire Dept.	Williamsburg	35	8/3/2012
67800	Lexington Fire Dept.	Lexington	36	8/3/2012
02103	Rocky Gap Vol. Fire Dept.	Bland County	37	8/3/2012
11904	Upper Middlesex Vol. Fire Dept.	Middlesex County	38	8/3/2012
19303	Oak Grove Vol. Fire Dept.	Westmoreland County	39	8/3/2012
13302	Callao Vol. Fire Dept., Inc.	Northumberland County	40	8/4/2012
11101	Kenbridge Vol. Fire Dept.	Lunenburg County	41	8/4/2012
18502	Bluefield Virginia Vol. Fire Dept.	Tazewell County	42	8/4/2012

2012 Needs Assessment Completed Surveys By Date Completed

FDID	Fire Department	County/City	Survey Number *	Date Completed
06107	Catlett Vol. Fire & Rescue Co.	Fauquier County	43	8/5/2012
14301	Riceville-Java Vol. Fire Dept.	Pittsylvania County	44	8/5/2012
14703	Darlington Heights Vol. Fire Dept.	Prince Edward County	45	8/5/2012
06101	Warrenton Vol. Fire Co.	Fauquier County	46	8/6/2012
14309	Ringgold Vol. Fire & Rescue	Pittsylvania County	47	8/7/2012
80000	Suffolk Dept. of Fire & Rescue	Suffolk	48	8/7/2012
10504	Thomas Walker Vol. Fire Dept. # 1	Lee County	49	8/7/2012
08900	Henry Co. Dept. of Public Safety	Henry County	50	8/7/2012
19702	Ivanhoe Vol. Fire Dept.	Wythe County	51	8/7/2012
13900	Page Co. Fire & EMS	Page County	52	8/7/2012
15901	Richmond Co. Vol. Fire Dept., Inc.	Richmond County	53	8/7/2012
18700	Warren Co. Fire & Rescue Services	Warren County	54	8/7/2012
02903	Glenmore Vol. Fire Dept.	Buckingham County	55	8/7/2012
10502	Keokee Vol. Fire Dept.	Lee County	56	8/7/2012
14108	Woolwine Vol. Fire Dept.	Patrick County	57	8/8/2012
15703	Amissville Vol. Fire & Rescue Co.	Rappahannock County	58	8/8/2012
16705	Belfast-Rosedale Vol. Fire Dept.	Russell County	59	8/9/2012
18507	Tazewell Town Fire Dept.	Tazewell County	60	8/9/2012
16903	Gate City Vol. Fire Dept.	Scott County	61	8/10/2012
06108	Goldvein Vol. Fire Dept.	Fauquier County	62	8/10/2012
12504	Gladstone Vol. Fire Dept.	Nelson County	63	8/11/2012
14311	Chatham Vol. Fire Dept.	Pittsylvania County	64	8/11/2012
18505	Richlands Fire - Rescue	Tazewell County	65	8/11/2012
00504	Iron Gate Vol. Fire Dept.	Alleghany County	66	8/12/2012
10503	Pennington Gap Vol. Fire Dept.	Lee County	67	8/13/2012
12103	Christiansburg Vol. Fire Dept.	Montgomery County	68	8/14/2012
19590	Wise Vol. Fire Dept.	Wise County	69	8/14/2012
00100	Accomack Co. Dept. of Public Safety	Accomack County	70	8/14/2012
72000	Norton Fire Dept.	Norton	71	8/14/2012
11707	South Hill Vol. Fire Dept.	Mecklenburg County	72	8/15/2012
17307	Sugar Grove Vol. Fire Dept.	Smyth County	73	8/15/2012
77000	Roanoke City Fire & EMS	Roanoke	74	8/15/2012
06102	Remington Vol. Fire & Rescue Dept., Inc.	Fauquier County	75	8/15/2012
04504	New Castle Vol. Fire Dept.	Craig County	76	8/15/2012
11901	Hartfield Vol. Fire Dept.	Middlesex County	77	8/15/2012
19703	Max Meadows Vol. Fire Dept.	Wythe County	78	8/15/2012
13113	Community Fire Co., Inc.	Northampton County	79	8/17/2012
14106	Stuart Vol. Fire Dept.	Patrick County	80	8/17/2012
02703	Whitewood Vol. Fire Dept.	Buchanan County	81	8/17/2012
14306	Mount Hermon Vol. Fire & Rescue	Pittsylvania County	82	8/17/2012
07160	Pembroke Vol. Fire Dept.	Giles County	83	8/17/2012
15704	Flint Hill Vol. Fire Dept.	Rappahannock County	84	8/18/2012
14101	Ararat Vol. Fire Dept.	Patrick County	85	8/19/2012
01102	Pamplin Vol. Fire Dept. & EMS	Appomattox County	86	8/20/2012
03199	Campbell Co. Dept. of Public Safety	Campbell County	87	8/21/2012
68300	Manassas Fire & Rescue	Manassas	88	8/21/2012
17302	Atkins Vol. Fire Dept.	Smyth County	89	8/21/2012
19704	Rural Retreat Vol. Fire Dept.	Wythe County	90	8/22/2012
18510	Burkes Garden Vol. Fire Dept.	Tazewell County	91	8/22/2012
14110	Patrick Spring Vol. Fire Dept.	Patrick County	92	8/22/2012
16305	Raphine Vol. Fire Co., Inc.	Rockbridge County	93	8/23/2012
16701	Cleveland Vol. Fire Dept.	Russell County	94	8/23/2012

2012 Needs Assessment Completed Surveys By Date Completed

FDID	Fire Department	County/City	Survey Number *	Date Completed
05104	Sandy Ridge Vol. Fire Dept.	Dickenson County	95	8/24/2012
12507	Montebello Vol. Fire Dept. & Rescue Squad	Nelson County	96	8/24/2012
16309	Natural Bridge Vol. Fire Dept.	Rockbridge County	97	8/24/2012
75000	Radford Fire & Rescue Dept.	Radford	98	8/24/2012
13116	Northampton Fire & Rescue, Inc.	Northampton County	99	8/25/2012
17507	Newsoms Vol. Fire Dept.	Southampton County	100	8/25/2012
17305	Nebo Vol. Fire Dept.	Smyth County	101	8/26/2012
66000	Harrisonburg Fire Dept.	Harrisonburg	102	8/27/2012
16306	Rockbridge Baths Vol. Fire Dept.	Rockbridge County	103	8/27/2012
70001	Newport News Fire Dept.	Newport News	104	8/28/2012
67000	Hopewell Bureau of Fire	Hopewell	105	8/28/2012
00501	Boiling Springs Vol. Fire Dept.	Alleghany County	106	8/28/2012
58000	Covington Fire Dept.	Covington	107	8/28/2012
06500	Fluvanna Co. Vol. Fire Dept.	Fluvanna County	108	8/29/2012
19501	Valley Vol. Fire Dept.	Wise County	109	8/29/2012
17700	Spotsylvania Co. Fire, Rescue & Emerg. Mgmt.	Spotsylvania County	110	8/30/2012
57000	Colonial Heights Fire & EMS	Colonial Heights	111	8/30/2012
06300	Floyd Co. Dept. of Emerg. Mgmt.	Floyd County	112	8/31/2012
79000	Staunton Fire & Rescue Dept.	Staunton	113	8/31/2012
62000	Franklin Fire & Rescue Dept.	Franklin	114	8/31/2012
19111	Goodson-Kinderhook Vol. Fire Dept.	Washington County	115	8/31/2012
14900	Prince George Fire, EMS & Emerg. Mgmt.	Prince George County	116	8/31/2012
07130	Narrows Vol. Fire Dept.	Giles County	117	8/31/2012
16702	Dante Vol. Fire Dept.	Russell County	118	8/31/2012
00503	Falling Spring Vol. Fire Dept.	Alleghany County	119	8/31/2012
19110	Washington Co. Fire & Rescue	Washington County	120	8/31/2012
10900	Louisa Co. Dept. of Fire & Emerg. Srvcs.	Louisa County	121	8/31/2012
10505	Dryden Vol. Fire Dept.	Lee County	122	8/31/2012
02102	Ceres Vol. Fire Dept.	Bland County	123	8/31/2012
03704	Drakes Branch Vol. Fire Dept.	Charlotte County	124	8/31/2012
07310	Gloucester Vol. Fire & Rescue	Gloucester County	125	8/31/2012
14314	Cool Branch Vol. Fire Dept.	Pittsylvania County	126	8/31/2012
07702	Fries Vol. Fire Dept.	Grayson County	127	8/31/2012
18303	Wakefield Vol. Fire Dept.	Sussex County	128	9/2/2012
03707	Red House Vol. Fire Dept.	Charlotte County	129	9/2/2012
12105	Longshop-McCoy Vol. Fire Dept.	Montgomery County	130	9/2/2012
09700	King & Queen Co. Dept. of Emerg. Srvcs.	King and Queen County	131	9/2/2012
11501	Mathews Vol. Fire Dept., Inc.	Mathews County	132	9/2/2012
02701	Grundy Vol. Fire Dept.	Buchanan County	133	9/2/2012
14305	Tunstall Vol. Fire & Rescue	Pittsylvania County	134	9/2/2012
16703	Honaker Vol. Fire Dept.	Russell County	135	9/2/2012
18513	DAD Vol. Fire Dept.	Tazewell County	136	9/3/2012
04707	Reva Vol. Fire & Rescue Dept.	Culpeper County	137	9/3/2012
17504	Courtland Vol. Fire Dept.	Southampton County	138	9/3/2012
06110	New Baltimore Vol. Fire & Rescue	Fauquier County	139	9/3/2012
18501	Abbs Valley-Bossievain Vol. Fire Dept.	Tazewell County	140	9/3/2012
63000	Fredericksburg Fire Dept.	Fredericksburg	141	9/3/2012
04503	Simmonsville Vol. Fire Dept.	Craig County	142	9/3/2012
18504	Pocahontas Vol. Fire Dept.	Tazewell County	143	9/3/2012
03706	Phenix Vol. Fire Dept.	Charlotte County	144	9/4/2012
12102	Blacksburg Vol. Fire Dept.	Montgomery County	145	9/4/2012
00300	Albemarle Co. Fire & Rescue	Albemarle County	146	9/4/2012

2012 Needs Assessment Completed Surveys By Date Completed

FDID	Fire Department	County/City	Survey Number *	Date Completed
55000	**Chesapeake Fire Dept.**	Chesapeake	**147**	9/4/2012
10100	**King William Co. Emergency Services**	King William County	**148**	9/4/2012
07701	**Elk Creek Vol. Fire Dept.**	Grayson County	**149**	9/4/2012
09702	**Lower King & Queen Vol. Fire Dept.**	King and Queen County	**150**	9/4/2012
13700	**Orange Co. Fire & EMS**	Orange County	**151**	9/4/2012
14500	**Powhatan Co. Fire Admin.**	Powhatan County	**152**	9/4/2012
09500	**James City Co. Fire Dept.**	James City County	**153**	9/4/2012
68301	**Manassas Vol. Fire Co.**	Manassas	**154**	9/4/2012
10506	**St. Charles Vol. Fire Dept.**	Lee County	**155**	9/4/2012
17301	**Adwolfe Vol. Fire Dept., Inc.**	Smyth County	**156**	9/4/2012
04100	**Chesterfield Fire & EMS**	Chesterfield County	**157**	9/4/2012
12106	**Riner Vol. Fire Dept.**	Montgomery County	**158**	9/4/2012
17100	**Shenandoah Co. Dept. of Fire & Rescue**	Shenandoah County	**159**	9/4/2012
19550	**Big Stone Gap Vol. Fire Dept.**	Wise County	**160**	9/4/2012
68509	**Manassas Park Fire & Rescue Dept.**	Manassas Park	**161**	9/4/2012
17900	**Stafford Co. Fire & Rescue Dept.**	Stafford County	**162**	9/4/2012
15706	**Chester Gap Vol. Fire Dept.**	Rappahannock County	**163**	9/4/2012
03300	**Caroline Co. Fire & Rescue**	Caroline County	**164**	9/4/2012
81000	**Virginia Beach Fire Dept.**	Virginia Beach	**165**	9/4/2012
03500	**Carroll Co. Fire & Rescue**	Carroll County	**166**	9/4/2012
14105	**Moorefield Store Vol. Fire Dept.**	Patrick County	**167**	9/4/2012
16905	**Nickelsville Vol. Fire Dept.**	Scott County	**168**	9/4/2012
09103	**Bath-Highland Vol. Fire Dept.**	Highland County	**169**	9/4/2012
17306	**Saltville Vol. Fire Dept.**	Smyth County	**170**	9/5/2012
00502	**Dunlap Fire & Rescue**	Alleghany County	**171**	9/5/2012
14100	**Patrick Co. Dept. of Emerg. Mgmt.**	Patrick County	**172**	9/5/2012
08500	**Hanover Co. Fire & EMS**	Hanover County	**173**	9/6/2012
65000	**Hampton Division of Fire & Rescue**	Hampton	**174**	9/6/2012
16500	**Rockingham Co. Dept. of Fire & Rescue**	Rockingham County	**175**	9/6/2012
11102	**Meherrin Vol. Fire & Rescue Dept.**	Lunenburg County	**176**	9/6/2012
19103	**Damascus Vol. Fire Dept.**	Washington County	**177**	9/6/2012
09390	**Isle of Wight Co. Dept. of Emerg. Srvcs.**	Isle of Wight County	**178**	9/6/2012
06111	**Orlean Vol. Fire Dept.**	Fauquier County	**179**	9/6/2012
11706	**Palmer Springs Vol. Fire Dept., Inc.**	Mecklenburg County	**180**	9/6/2012
02502	**Brodnax Vol. Fire Dept.**	Brunswick County	**181**	9/6/2012
11705	**LaCrosse Vol. Fire Dept.**	Mecklenburg County	**182**	9/6/2012
19112	**Brumley Gap Vol. Fire Dept.**	Washington County	**183**	9/6/2012
08700	**Henrico County - Division of Fire & Rescue**	Henrico County	**184**	9/7/2012
73000	**Petersburg Fire, Rescue & Emerg. Srvcs.**	Petersburg	**185**	9/7/2012
16906	**Weber City Vol. Fire Dept.**	Scott County	**186**	9/8/2012
02507	**Triplet Vol. Fire Dept.**	Brunswick County	**187**	9/8/2012
04501	**Johns Creek Vol. Fire Dept.**	Craig County	**188**	9/8/2012
00506	**Sharon Vol. Fire Dept.**	Alleghany County	**189**	9/8/2012
16904	**Hiltons Vol. Fire Dept.**	Scott County	**190**	9/9/2012
13504	**Blackstone Vol. Fire Co.**	Nottoway County	**191**	9/10/2012
04902	**Cumberland Vol. Fire Dept.**	Cumberland County	**192**	9/10/2012
12501	**Lovingston Vol. Fire Dept.**	Nelson County	**193**	9/10/2012
05900	**Fairfax Co. Fire & Rescue Dept.**	Fairfax County	**194**	9/10/2012
59000	**Danville Fire Dept.**	Danville	**195**	9/10/2012
19105	**Meadowview Vol. Fire Dept.**	Washington County	**196**	9/10/2012
03601	**Charles City Vol. Fire / EMS**	Charles City County	**197**	9/10/2012
10509	**Stickleyville Vol. Fire Dept.**	Lee County	**198**	9/11/2012

2012 Needs Assessment Completed Surveys By Date Completed

FDID	Fire Department	County/City	Survey Number *	Date Completed
17304	Marion Vol. Fire Dept.	Smyth County	199	9/11/2012
15705	Castleton Community Vol. Fire Dept.	Rappahannock County	200	9/11/2012
14107	Patrick-Henry Vol. Fire Dept.	Patrick County	201	9/11/2012
18301	Jarratt Vol. Fire Dept.	Sussex County	202	9/11/2012
14315	Blairs Vol. Fire Dept.	Pittsylvania County	203	9/11/2012
15701	Washington Vol. Fire & Rescue, Inc.	Rappahannock County	204	9/11/2012
12502	Piney River Vol. Fire Dept.	Nelson County	205	9/11/2012
03502	Hillsville Vol. Fire Dept.	Carroll County	206	9/11/2012
14304	Riverbend Vol. Fire Dept.	Pittsylvania County	207	9/11/2012
14317	Dry Fork Vol. Fire Dept.	Pittsylvania County	208	9/11/2012
14307	Mount Cross Vol. Fire Dept.	Pittsylvania County	209	9/11/2012
10512	Jasper Vol. Fire Dept., Inc.	Lee County	210	9/12/2012
61000	Falls Church Vol. Fire Dept.	Falls Church	211	9/12/2012
02300	Botetourt Co. Emergency Services	Botetourt County	212	9/12/2012
10700	Loudoun Co. Fire, Rescue & Emerg. Mgmt.	Loudoun County	213	9/12/2012
03705	Keysville Vol. Fire Dept.	Charlotte County	214	9/12/2012
73500	Poquoson Fire & Rescue	Poquoson	215	9/12/2012
19580	Saint Paul Vol. Fire Dept.	Wise County	216	9/12/2012
19530	Appalachia Vol. Fire Dept.	Wise County	217	9/13/2012
16100	Roanoke Co. Fire & Rescue	Roanoke County	218	9/14/2012
19900	York Co. Dept. of Fire & Life Safety	York County	219	9/14/2012
02902	Dillwyn Vol. Fire Dept.	Buckingham County	220	9/16/2012
19302	Cople District Vol. Fire Dept.	Westmoreland County	221	9/17/2012
03501	Cana Vol. Fire Dept.	Carroll County	222	9/17/2012
04705	Rapidan Vol. Fire Dept.	Culpeper County	223	9/17/2012
15300	Prince William Co. Dept. of Fire & Rescue	Prince William County	224	9/18/2012
18512	Clearfork Vol. Fire Dept.	Tazewell County	225	9/18/2012
09900	King George Co. Dept. of Emerg. Srvcs.	King George County	226	9/22/2012
02704	Council Vol. Fire Dept.	Buchanan County	227	9/25/2012
71000	Norfolk Fire & Rescue	Norfolk	228	9/26/2012
16704	Lebanon Vol. Fire Dept.	Russell County	229	9/26/2012
18516	Thompson Valley Vol. Fire Dept.	Tazewell County	230	9/27/2012
19120	Abingdon Vol. Fire Dept.	Washington County	231	9/29/2012
53000	Buena Vista Fire Dept.	Buena Vista	232	9/29/2012
04701	Brandy Station Vol. Fire Dept.	Culpeper County	233	10/1/2012
18304	Waverly Vol. Fire Dept.	Sussex County	234	10/2/2012
15702	Sperryville Vol. Fire Dept.	Rappahannock County	235	10/2/2012
18103	Surry Vol. Fire Dept.	Surry County	236	10/2/2012
01500	Augusta Co. Fire & Rescue	Augusta County	237	10/2/2012
19570	Pound Vol. Fire Dept.	Wise County	238	10/2/2012
19107	Green Spring Vol. Fire Dept.	Washington County	239	10/2/2012
19304	Westmoreland Vol. Fire Dept.	Westmoreland County	240	10/2/2012
16102	Vinton Vol. Fire Dept.	Roanoke County	241	10/2/2012
16303	Goshen Vol. Fire Dept.	Rockbridge County	242	10/4/2012
52000	Bristol Fire Dept.	Bristol	243	10/5/2012
00505	Selma Vol. Fire Dept.	Alleghany County	244	10/5/2012
06100	Fauquier Co. Office of Emerg. Srvcs.	Fauquier County	245	10/5/2012
19104	Glade Spring Vol. Fire Dept.	Washington County	246	10/6/2012
16302	Glasgow Vol. Fire Dept.	Rockbridge County	247	10/7/2012
13502	Burkeville Vol. Fire Dept.	Nottoway County	248	10/8/2012
02708	Slate Creek Vol. Fire Dept.	Buchanan County	249	10/8/2012
19701	Barren Springs Vol. Fire Dept.	Wythe County	250	10/8/2012

2012 Needs Assessment Completed Surveys By Date Completed

FDID	Fire Department	County/City	Survey Number *	Date Completed
14704	Prospect Vol. Fire Dept., Inc.	Prince Edward County	251	10/8/2012
12104	Elliston Vol. Fire Dept.	Montgomery County	252	10/8/2012
00900	Amherst Co. Dept. of Public Safety	Amherst County	253	10/8/2012
01300	Arlington Co. Fire Dept.	Arlington County	254	10/9/2012
04901	Cartersville Vol. Fire Dept.	Cumberland County	255	10/9/2012
14303	Renan Vol. Fire Dept.	Pittsylvania County	256	10/9/2012
05103	Clinchco Vol. Fire Dept.	Dickenson County	257	10/9/2012
16304	Kerrs Creek Vol. Fire Dept.	Rockbridge County	258	10/9/2012
54000	Charlottesville Fire Dept.	Charlottesville	259	10/9/2012
10308	Kilmarnock Vol. Fire Dept.	Lancaster County	260	10/10/2012
16907	Fort Blackmore Vol. Fire Dept.	Scott County	261	10/10/2012
76000	Richmond Dept. Fire & Emergency Services	Richmond	262	10/10/2012
02105	Hollybrook-Mechanicsburg Vol. Fire Dept.	Bland County	263	10/10/2012
74000	Portsmouth Fire, Rescue & Emerg. Srvcs.	Portsmouth	264	10/11/2012
07901	Ruckersville Vol. Fire Co.	Greene County	265	10/12/2012
51000	Alexandria Fire Dept.	Alexandria	266	10/12/2012
11902	Lower Middlesex Vol. Fire Dept.	Middlesex County	267	10/12/2012
10307	Upper Lancaster Vol. Fire Dept.	Lancaster County	268	10/13/2012
11301	Madison Co. Vol. Fire Dept.	Madison County	269	10/15/2012
68000	Lynchburg Fire Dept.	Lynchburg	270	10/15/2012
02702	Oakwood Vol. Fire Dept., Inc.	Buchanan County	271	10/15/2012
02505	Gasburg Vol. Fire Dept.	Brunswick County	272	10/15/2012
15900	Richmond Co. Dept. of Emerg. Srvcs.	Richmond County	273	10/16/2012
01101	Appomattox Vol. Fire Dept.	Appomattox County	274	10/16/2012
04903	Randolph District Vol. Fire Dept.	Cumberland County	275	10/17/2012
14318	Cascade Vol. Fire Dept.	Pittsylvania County	276	10/21/2012
11103	Victoria Vol. Fire & Rescue, Inc.	Lunenburg County	277	10/22/2012
06104	The Plains Vol. Fire & Rescue	Fauquier County	278	10/22/2012
64000	Galax Vol. Fire Dept.	Galax	279	10/24/2012
11701	Boydton Vol. Fire Dept., Inc.	Mecklenburg County	280	10/26/2012
10508	Thomas Walker Vol. Fire Dept. # 2	Lee County	281	10/31/2012
16902	Dungannon Vol. Fire Dept.	Scott County	282	10/31/2012
05101	Clintwood Vol. Fire Dept.	Dickenson County	283	11/1/2012
04703	Richardsville Vol. Fire Dept.	Culpeper County	284	11/1/2012
12503	Faber Vol. Fire Dept.	Nelson County	285	11/1/2012
04505	Upper Craig Creek Vol. Fire Dept.	Craig County	286	11/2/2012
13115	Cape Charles Vol. Fire Dept.	Northampton County	287	11/2/2012
14705	Rice Vol. Fire Dept.	Prince Edward County	288	11/2/2012
14104	Meadows of Dan Vol. Fire Dept.	Patrick County	289	11/2/2012
09701	Central King & Queen Vol. Fire Dept.	King and Queen County	290	11/3/2012
14320	Keeling Vol. Fire Dept.	Pittsylvania County	291	11/4/2012
04704	Salem Vol. Fire / Rescue	Culpeper County	292	11/4/2012
10501	Jonesville Vol. Fire Dept.	Lee County	293	11/5/2012
04502	Paint Bank Vol. Fire Dept.	Craig County	294	11/6/2012
19705	Speedwell Vol. Fire Dept.	Wythe County	295	11/6/2012
07301	Abingdon Vol. Fire & Rescue, Inc.	Gloucester County	296	11/7/2012
02104	Grapefield Vol. Fire Dept.	Bland County	297	11/7/2012
09704	Walkerton Comm. Fire Assoc.	King and Queen County	298	11/8/2012
03702	Charlotte Court House Vol. Fire Dept.	Charlotte County	299	11/8/2012
06109	Marshall Vol. Rescue Squad	Fauquier County	300	11/8/2012
18302	Stony Creek Vol. Fire Dept.	Sussex County	301	11/8/2012
07703	Independence Vol. Fire Dept.	Grayson County	302	11/8/2012

2012 Needs Assessment Completed Surveys By Date Completed

FDID	Fire Department	County/City	Survey Number *	Date Completed
05701	Tappahannock-Essex Vol. Fire Dept.	Essex County	303	11/8/2012
10511	Blackwater Vol. Fire Dept.	Lee County	304	11/8/2012
02503	Dolphin Vol. Fire Dept.	Brunswick County	305	11/9/2012
02904	Toga Vol. Fire Dept.	Buckingham County	306	11/10/2012
18503	Jewell Ridge Vol. Fire Dept.	Tazewell County	307	11/11/2012
18509	Bishop Vol. Fire Dept.	Tazewell County	308	11/12/2012
06504	Lake Monticello Fire Dept. & Rescue Squad	Fluvanna County	309	11/12/2012
18305	Sussex Courthouse Vol. Fire Dept.	Sussex County	310	11/13/2012
14321	Laurel Grove Vol. Fire Dept.	Pittsylvania County	311	11/13/2012
19301	Colonial Beach Vol. Fire Dept.	Westmoreland County	312	11/14/2012
18101	Claremont Vol. Fire Dept.	Surry County	313	11/14/2012
18506	Tazewell Co. Vol. Fire / Rescue	Tazewell County	314	11/14/2012
12700	New Kent Fire - Rescue	New Kent County	315	11/15/2012
13503	Crewe Vol. Fire Dept.	Nottoway County	316	11/15/2012
19516	Coeburn Vol. Fire Dept.	Wise County	317	11/15/2012
14701	Farmville Vol. Fire Dept.	Prince Edward County	318	11/16/2012
06900	Frederick Co. Fire & Rescue Dept.	Frederick County	319	11/16/2012
18102	Dendron Vol. Fire Dept.	Surry County	320	11/16/2012
16707	Castlewood Fire & Rescue	Russell County	321	11/16/2012
11702	Buckhorn Vol. Fire Dept.	Mecklenburg County	322	11/16/2012
02709	Harman Vol. Fire Dept.	Buchanan County	323	11/17/2012
02707	Russell Prater Vol. Fire Dept.	Buchanan County	324	11/17/2012
11703	Chase City Vol. Fire Dept.	Mecklenburg County	325	11/18/2012
18515	Bandy Vol. Fire Dept.	Tazewell County	326	11/18/2012
02106	Little Creek Vol. Fire Dept.	Bland County	327	11/18/2012
03503	Laurel Fork Vol. Fire Dept.	Carroll County	328	11/18/2012
14109	Fairystone Vol. Fire Dept.	Patrick County	329	11/18/2012
12505	Rockfish Valley Vol. Fire Dept.	Nelson County	330	11/18/2012
17502	Branchville Vol. Fire Dept.	Southampton County	331	11/18/2012
17508	Sedley Vol. Fire Dept.	Southampton County	332	11/18/2012
14702	Hampden-Sydney Vol. Fire Dept.	Prince Edward County	333	11/19/2012
06105	Upperville Vol. Fire Dept.	Fauquier County	334	11/19/2012
02101	Bland Co. Vol. Fire Dept.	Bland County	335	11/19/2012
13114	Cheriton Vol. Fire Dept.	Northampton County	336	11/19/2012
09703	Upper King & Queen Vol. Fire Dept.	King and Queen County	337	11/19/2012
17503	Capron Vol. Fire & First Aid Squad, Inc.	Southampton County	338	11/19/2012
11704	Clarksville Vol. Fire Dept.	Mecklenburg County	339	11/20/2012
07180	Rich Creek Vol. Fire Dept.	Giles County	340	11/20/2012
18517	Cedar Bluff Fire / EMS Dept.	Tazewell County	341	11/20/2012
06103	Marshall Vol. Fire Dept.	Fauquier County	342	11/20/2012
05102	Haysi Vol. Fire Dept.	Dickenson County	343	11/27/2012
03701	Bacon District Vol. Fire Dept.	Charlotte County	344	11/29/2012
07150	Pearisburg Vol. Fire Dept.	Giles County	345	11/29/2012

* The survey number is the sequential number that reflects when the survey response was completed. The total number of fire departments that can respond to the needs assessment is 384.

Virginia Department of Fire Programs

2012 Needs Assessment Fire Department Participation By County/City

County/City	FDID	Fire Department	No Response	In Progress *	Complete
Accomack County	00100	Accomack Co. Dept. of Public Safety			✓
Albemarle County	00300	Albemarle Co. Fire & Rescue			✓
Alleghany County	00501	Boiling Springs Vol. Fire Dept.			✓
	00502	Dunlap Fire & Rescue			✓
	00503	Falling Spring Vol. Fire Dept.			✓
	00504	Iron Gate Vol. Fire Dept.			✓
	00505	Selma Vol. Fire Dept.			✓
	00506	Sharon Vol. Fire Dept.			✓
	56000	Clifton Forge Fire Dept.			✓
Amelia County	00700	Amelia Co. Dept. of Emerg. Mgmt.			✓
Amherst County	00900	Amherst Co. Dept. of Public Safety			✓
Appomattox County	01101	Appomattox Vol. Fire Dept.			✓
	01102	Pamplin Vol. Fire Dept. & EMS			✓
Arlington County	01300	Arlington Co. Fire Dept.			✓
Augusta County	01500	Augusta Co. Fire & Rescue			✓
Bath County	01702	Hot Springs Vol. Fire & Rescue Assoc.		»	
	01703	Millboro Vol. Fire Assoc.	X		
	01704	Mountain Grove Vol. Fire Dept.	X		
Bedford County	01900	Bedford Co. Dept. of Fire & Rescue		»	
Bland County	02101	Bland Co. Vol. Fire Dept.			✓
	02102	Ceres Vol. Fire Dept.			✓
	02103	Rocky Gap Vol. Fire Dept.			✓
	02104	Grapefield Vol. Fire Dept.			✓
	02105	Hollybrook-Mechanicsburg Vol. Fire Dept.			✓
	02106	Little Creek Vol. Fire Dept.			✓
Botetourt County	02300	Botetourt Co. Emergency Services			✓
Brunswick County	02501	Alberta Vol. Fire Dept.	X		
	02502	Brodnax Vol. Fire Dept.			✓
	02503	Dolphin Vol. Fire Dept.			✓
	02504	Ebony Vol. Fire Dept.	X		
	02505	Gasburg Vol. Fire Dept.			✓
	02506	Lawrenceville Vol. Fire Dept.	X		
	02507	Triplet Vol. Fire Dept.			✓
Buchanan County	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 Vol. Fire Dept.			✓
	02708	Slate Creek Vol. Fire Dept.			✓
	02709	Harman Vol. Fire Dept.			✓
	02710	Patterson Vol. Fire Dept.	X		
Buckingham County	02901	Arvonia Vol. Fire Dept.			✓
	02902	Dillwyn Vol. Fire Dept.			✓
	02903	Glenmore Vol. Fire Dept.			✓
	02904	Toga Vol. Fire Dept.			✓

2012 Needs Assessment Fire Department Participation By County/City

County/City	FDID	Fire Department	No Response	In Progress *	Complete
Campbell County	03199	Campbell Co. Dept. of Public Safety			✓
Caroline County	03300	Caroline Co. Fire & Rescue			✓
Carroll County	03500	Carroll Co. Fire & Rescue			✓
	03501	Cana Vol. Fire Dept.			✓
	03502	Hillsville Vol. Fire Dept.			✓
	03503	Laurel Fork Vol. Fire Dept.			✓
Charles City County	03601	Charles City Vol. Fire / EMS			✓
Charlotte County	03701	Bacon District Vol. Fire Dept.			✓
	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 Vol. Fire Dept.			✓
	03707	Red House Vol. Fire Dept.			✓
Chesterfield County	04100	Chesterfield Fire & EMS			✓
Clarke County	04300	Clarke Co. Emergency Services	X		
Craig County	04501	Johns Creek Vol. Fire Dept.			✓
	04502	Paint Bank Vol. Fire Dept.			✓
	04503	Simmonsville Vol. Fire Dept.			✓
	04504	New Castle Vol. Fire Dept.			✓
	04505	Upper Craig Creek Vol. Fire Dept.			✓
Culpeper County	04701	Brandy Station Vol. Fire Dept.			✓
	04702	Culpeper Co. Vol. Fire Dept.			✓
	04703	Richardsville Vol. Fire Dept.			✓
	04704	Salem Vol. Fire / Rescue			✓
	04705	Rapidan Vol. Fire Dept.			✓
	04706	Little Fork Vol. Fire & Rescue			✓
	04707	Reva Vol. Fire & Rescue Dept.			✓
Cumberland County	04901	Cartersville Vol. Fire Dept.			✓
	04902	Cumberland Vol. Fire Dept.			✓
	04903	Randolph District Vol. Fire Dept.			✓
Dickenson County	05101	Clintwood Vol. Fire Dept.			✓
	05102	Haysi Vol. Fire Dept.			✓
	05103	Clinchco Vol. Fire Dept.			✓
	05104	Sandy Ridge Vol. Fire Dept.			✓
Dinwiddie County	05300	Dinwiddie Co. Fire & EMS			✓
Essex County	05701	Tappahannock-Essex Vol. Fire Dept.			✓
	05700	Essex County EMS			✓
Fairfax County	05900	Fairfax Co. Fire & Rescue Dept.			✓
Fauquier County	06100	Fauquier Co. Office of Emerg. Srvcs.			✓
	06101	Warrenton Vol. Fire Co.			✓
	06102	Remington Vol. Fire & Rescue Dept., Inc.			✓
	06103	Marshall Vol. Fire Dept.			✓
	06104	The Plains Vol. Fire & Rescue			✓
	06105	Upperville Vol. Fire Dept.			✓
	06107	Catlett Vol. Fire & Rescue Co.			✓
	06108	Goldvein Vol. Fire Dept.			✓
	06109	Marshall Vol. Rescue Squad			✓
	06110	New Baltimore Vol. Fire & Rescue			✓
	06111	Orlean Vol. Fire Dept.			✓
	06113	Lois Vol. Fire Dept.	X		
Floyd County	06300	Floyd Co. Dept. of Emerg. Mgmt.			✓
Fluvanna County	06500	Fluvanna Co. Vol. Fire Dept.			✓
	06504	Lake Monticello Fire Dept. & Rescue Squad			✓
Franklin County	06700	Franklin Co. Emergency Services			✓
Frederick County	06900	Frederick Co. Fire & Rescue Dept.			✓

2012 Needs Assessment Fire Department Participation By County/City

County/City	FDID	Fire Department	No Response	In Progress *	Complete
Giles County	07110	Eggleston Vol. Fire Dept.	X		
	07120	Glen Lyn Vol. Fire Dept.		»	
	07130	Narrows Vol. Fire Dept.			✓
	07140	Newport Vol. Fire Dept.	X		
	07150	Pearisburg Vol. Fire Dept.			✓
	07160	Pembroke Vol. Fire Dept.			✓
	07170	Poplar Hill Vol. Fire Dept.	X		
	07180	Rich Creek Vol. Fire Dept.			✓
Gloucester County	07301	Abingdon Vol. Fire & Rescue, Inc.			✓
	07310	Gloucester Vol. Fire & Rescue			✓
Goochland County	07500	Goochland Co. Fire-Rescue & Emerg. Srvcs.			✓
Grayson County	07701	Elk Creek Vol. Fire Dept.			✓
	07702	Fries Vol. Fire Dept.			✓
	07703	Independence Vol. Fire Dept.			✓
	07704	Mount Rogers Vol. Fire Dept.	X		
	07705	Troutdale Community Vol. Fire Dept.	X		
	07706	Rugby Fire Dept.	X		
Greene County	07901	Ruckersville Vol. Fire Co.			✓
	07902	Stanardsville Vol. Fire Dept.	X		
	07903	Dyke Vol. Fire Co., Inc.			✓
Halifax County	78000	South Boston Fire & EMS			✓
	08300	Halifax Co. Emergency Services			✓
Hanover County	08500	Hanover Co. Fire & EMS			✓
Henrico County	08700	Henrico County - Division of Fire & Rescue			✓
Henry County	08900	Henry Co. Dept. of Public Safety			✓
Highland County	09101	Highland Co. Vol. Fire Dept.	X		
	09102	McDowell Vol. Fire Dept.	X		
	09103	Bath-Highland Vol. Fire Dept.			✓
	09104	Bolar Vol. Fire Dept.	X		
Isle of Wight County	09390	Isle of Wight Co. Dept. of Emerg. Srvcs.			✓
James City County	09500	James City Co. Fire Dept.			✓
King and Queen County	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.			✓
	09700	King & Queen Co. Dept. of Emerg. Srvcs.			✓
King George County	09900	King George Co. Dept. of Emerg. Srvcs.			✓
King William County	10100	King William Co. Emergency Services			✓
Lancaster County	10306	White Stone Vol. Fire Dept.			✓
	10307	Upper Lancaster Vol. Fire Dept.			✓
	10308	Kilmarnock Vol. Fire Dept.			✓
Lee County	10501	Jonesville Vol. Fire Dept.			✓
	10502	Keokee Vol. Fire Dept.			✓
	10503	Pennington Gap Vol. Fire Dept.			✓
	10504	Thomas Walker Vol. Fire Dept. # 1			✓
	10505	Dryden Vol. Fire Dept.			✓
	10506	St. Charles Vol. Fire Dept.			✓
	10508	Thomas Walker Vol. Fire Dept. # 2			✓
	10509	Stickleyville Vol. Fire Dept.			✓
	10511	Blackwater Vol. Fire Dept.			✓
	10512	Jasper Vol. Fire Dept., Inc.			✓
Loudoun County	10700	Loudoun Co. Fire, Rescue & Emerg. Mgmt.			✓
Louisa County	10900	Louisa Co. Dept. of Fire & Emerg. Srvcs.			✓
Lunenburg County	11101	Kenbridge Vol. Fire Dept.			✓
	11102	Meherrin Vol. Fire & Rescue Dept.			✓
	11103	Victoria Vol. Fire & Rescue, Inc.			✓
Madison County	11301	Madison Co. Vol. Fire Dept.			✓
Mathews County	11501	Mathews Vol. Fire Dept., Inc.			✓

2012 Needs Assessment Fire Department Participation By County/City

County/City	FDID	Fire Department	No Response	In Progress *	Complete
Mecklenburg County	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.			✓
	11706	Palmer Springs Vol. Fire Dept., Inc.			✓
	11707	South Hill Vol. Fire Dept.			✓
	11708	Lake Gaston Vol. Fire Dept.			✓
Middlesex County	11901	Hartfield Vol. Fire Dept.			✓
	11902	Lower Middlesex Vol. Fire Dept.			✓
	11903	Middlesex Vol. Fire Dept.			✓
	11904	Upper Middlesex Vol. Fire Dept.			✓
Montgomery County	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 County	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. & Rescue Squad			✓
New Kent County	12700	New Kent Fire - Rescue			✓
Northampton County	13113	Community Fire Co., Inc.			✓
	13114	Cheriton Vol. Fire Dept.			✓
	13115	Cape Charles Vol. Fire Dept.			✓
	13116	Northampton Fire & Rescue, Inc.			✓
	13117	Eastville Vol. Fire Co., Inc.			✓
Northumberland County	13302	Callao Vol. Fire Dept., Inc.			✓
	13303	Fairfields Vol. Fire Dept.			✓
Nottoway County	13502	Burkeville Vol. Fire Dept.			✓
	13503	Crewe Vol. Fire Dept.			✓
	13504	Blackstone Vol. Fire Co.			✓
Orange County	13700	Orange Co. Fire & EMS			✓
Page County	13900	Page Co. Fire & EMS			✓
Patrick County	14100	Patrick Co. Dept. of Emerg. Mgmt.			✓
	14101	Ararat Vol. Fire Dept.			✓
	14102	CCDF Vol. Fire Dept.	X		
	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	Fairystone Vol. Fire Dept.			✓
	14110	Patrick Spring Vol. Fire Dept.			✓
Pittsylvania County	14301	Riceville-Java Vol. Fire Dept.			✓
	14302	Hurt Vol. Fire Dept.		»	
	14303	Renan Vol. Fire Dept.			✓
	14304	Riverbend Vol. Fire Dept.			✓
	14305	Tunstall Vol. Fire & Rescue			✓
	14306	Mount Hermon Vol. Fire & Rescue			✓
	14307	Mount Cross Vol. Fire Dept.			✓
	14308	Climax Vol. Fire Dept.	X		
	14309	Ringgold Vol. Fire & Rescue			✓
	14310	Bachelor Hall Vol. Fire Dept.	X		
	14311	Chatham Vol. Fire Dept.			✓

2012 Needs Assessment Fire Department Participation By County/City

County/City	FDID	Fire Department	No Response	In Progress *	Complete
Pittsylvania County	14312	Gretna Vol. Fire Dept.	X		
	14313	Brosville Community Vol. Fire Dept.			✓
	14314	Cool Branch Vol. Fire Dept.			✓
	14315	Blairs Vol. Fire Dept.			✓
	14316	Callands Vol. Fire & Rescue Dept.	X		
	14317	Dry Fork Vol. Fire Dept.			✓
	14318	Cascade Vol. Fire Dept.			✓
	14319	Kentuck Vol. Fire Dept.			✓
	14320	Keeling Vol. Fire Dept.			✓
	14321	Laurel Grove Vol. Fire Dept.			✓
Powhatan County	14500	Powhatan Co. Fire Admin.			✓
Prince Edward County	14701	Farmville Vol. Fire Dept.			✓
	14702	Hampden-Sydney Vol. Fire Dept.			✓
	14703	Darlington Heights Vol. Fire Dept.			✓
	14704	Prospect Vol. Fire Dept., Inc.			✓
	14705	Rice Vol. Fire Dept.			✓
Prince George County	14900	Prince George Fire, EMS & Emerg. Mgmt.			✓
Prince William County	15300	Prince William Co. Dept. of Fire & Rescue			✓
Pulaski County	15500	Pulaski Co. Emergency Services			✓
	15506	Pulaski Fire Dept.			✓
Rappahannock County	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 County	15900	Richmond Co. Dept. of Emerg. Srvcs.			✓
	15901	Richmond Co. Vol. Fire Dept., Inc.			✓
Roanoke County	16100	Roanoke Co. Fire & Rescue			✓
	16102	Vinton Vol. Fire Dept.			✓
Rockbridge County	16301	Effinger Vol. Fire Dept.		»	
	16302	Glasgow Vol. Fire Dept.			✓
	16303	Goshen Vol. Fire Dept.			✓
	16304	Kerrs Creek Vol. Fire Dept.			✓
	16305	Raphine Vol. Fire Co., Inc.			✓
	16306	Rockbridge Baths Vol. Fire Dept.			✓
	16307	South River District Vol. Fire Dept.			✓
	16308	Walkers Creek Vol. Fire Dept.			✓
	16309	Natural Bridge Vol. Fire Dept.			✓
Rockingham County	16500	Rockingham Co. Dept. of Fire & Rescue			✓
Russell County	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.			✓
	16706	Copper Creek-Moccasin Vol. Fire Dept.	X		
	16707	Castlewood Fire & Rescue			✓
Scott County	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 County	17100	Shenandoah Co. Dept. of Fire & Rescue			✓
Smyth County	17301	Adwolfe Vol. Fire Dept., Inc.			✓
	17302	Atkins Vol. Fire Dept.			✓
	17303	Chilhowie Fire Dept.			✓

2012 Needs Assessment Fire Department Participation By County/City

County/City	FDID	Fire Department	No Response	In Progress *	Complete
Smyth County	17304	Marion Vol. Fire Dept.			✓
	17305	Nebo Vol. Fire Dept.			✓
	17306	Saltville Vol. Fire Dept.			✓
	17307	Sugar Grove Vol. Fire Dept.			✓
Southampton County	17501	Boykins Vol. Fire Dept. & 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.	X		
Spotsylvania County	17700	Spotsylvania Co. Fire, Rescue & Emerg. Mgmt.			✓
Stafford County	17900	Stafford Co. Fire & Rescue Dept.			✓
Surry County	18101	Claremont Vol. Fire Dept.			✓
	18102	Dendron Vol. Fire Dept.			✓
	18103	Surry Vol. Fire Dept.			✓
Sussex County	18301	Jarratt Vol. Fire Dept.			✓
	18302	Stony Creek Vol. Fire Dept.			✓
	18303	Wakefield Vol. Fire Dept.			✓
	18304	Waverly Vol. Fire Dept.			✓
	18305	Sussex Courthouse Vol. Fire Dept.			✓
Tazewell County	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 Fire - Rescue			✓
	18506	Tazewell Co. Vol. Fire / Rescue			✓
	18507	Tazewell Town Fire Dept.			✓
	18508	Baptist Valley Vol. Fire Dept.	X		
	18509	Bishop Vol. Fire Dept.			✓
	18510	Burkes Garden Vol. Fire Dept.			✓
	18511	Tannersville Vol. Fire Dept.	X		
	18512	Clearfork Vol. Fire Dept.			✓
	18513	DAD Vol. Fire Dept.			✓
	18514	Cove Vol. Fire Dept.	X		
	18515	Bandy Vol. Fire Dept.			✓
	18516	Thompson Valley Vol. Fire Dept.			✓
	18517	Cedar Bluff Fire / EMS Dept.			✓
Warren County	18700	Warren Co. Fire & Rescue Services			✓
Washington County	19103	Damascus Vol. Fire Dept.			✓
	19104	Glade Spring Vol. Fire Dept.			✓
	19105	Meadowview Vol. Fire Dept.			✓
	19107	Green Spring Vol. Fire Dept.			✓
	19108	Clinch Mountain Vol. Fire Dept.		»	
	19110	Washington Co. Fire & Rescue			✓
	19111	Goodson-Kinderhook Vol. Fire Dept.			✓
	19112	Brumley Gap Vol. Fire Dept.			✓
	19120	Abingdon Vol. Fire Dept.			✓
Westmoreland County	19301	Colonial Beach Vol. Fire Dept.			✓
	19302	Cople District Vol. Fire Dept.			✓
	19303	Oak Grove Vol. Fire Dept.			✓
	19304	Westmoreland Vol. Fire Dept.			✓

2012 Needs Assessment Fire Department Participation By County/City

County/City	FDID	Fire Department	No Response	In Progress *	Complete
Wise County	19501	Valley Vol. Fire Dept.			✓
	19516	Coeburn Vol. Fire Dept.			✓
	19530	Appalachia Vol. Fire Dept.			✓
	19550	Big Stone Gap Vol. Fire Dept.			✓
	19570	Pound Vol. Fire Dept.			✓
	19580	Saint Paul Vol. Fire Dept.			✓
	19590	Wise Vol. Fire Dept.			✓
Wythe County	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 County	19900	York Co. Dept. of Fire & Life Safety			✓
Alexandria	51000	Alexandria Fire Dept.			✓
Bedford	51500	Bedford Vol. Fire Dept.			✓
Bristol	52000	Bristol Fire Dept.			✓
Buena Vista	53000	Buena Vista Fire Dept.			✓
Charlottesville	54000	Charlottesville Fire Dept.			✓
Chesapeake	55000	Chesapeake Fire Dept.			✓
Colonial Heights	57000	Colonial Heights Fire & EMS			✓
Covington	58000	Covington Fire Dept.			✓
Danville	59000	Danville Fire Dept.			✓
Emporia	59500	Emporia Fire Admin.	X		
Fairfax	60000	Fairfax City Fire Dept.			✓
Falls Church	61000	Falls Church Vol. Fire Dept.			✓
Franklin	62000	Franklin Fire & Rescue Dept.			✓
Fredericksburg	63000	Fredericksburg Fire Dept.			✓
Galax	64000	Galax Vol. Fire Dept.			✓
Hampton	65000	Hampton Division of Fire & Rescue			✓
Harrisonburg	66000	Harrisonburg Fire Dept.			✓
Hopewell	67000	Hopewell Bureau of Fire			✓
Lexington	67800	Lexington Fire Dept.			✓
Lynchburg	68000	Lynchburg Fire Dept.			✓
Manassas	68300	Manassas Fire & Rescue			✓
	68301	Manassas Vol. Fire Co.			✓
Manassas Park	68509	Manassas Park Fire & Rescue 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. Srvcs.			✓
Poquoson	73500	Poquoson Fire & Rescue			✓
Portsmouth	74000	Portsmouth Fire, Rescue & Emerg. Srvcs.			✓
Radford	75000	Radford Fire & Rescue Dept.			✓
Richmond	76000	Richmond Dept. Fire & Emergency Services			✓
Roanoke	77000	Roanoke City Fire & EMS			✓
Salem	77500	Salem Fire & EMS Dept.	X		
Staunton	79000	Staunton Fire & Rescue Dept.			✓
Suffolk	80000	Suffolk Dept. of Fire & Rescue			✓
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.

Virginia Department of Fire Programs

2012 Needs Assessment Survey Non-Respondents By County/City

County/City	FDID	Fire Department	VDFP Division
Bath County	01702	**Hot Springs Vol. Fire & Rescue Assoc.**	Division 6 - Roanoke
	01703	**Millboro Vol. Fire Assoc.**	Division 6 - Roanoke
	01704	**Mountain Grove Vol. Fire Dept.**	Division 6 - Roanoke
Bedford County	01900	**Bedford Co. Dept. of Fire & Rescue**	Division 6 - Roanoke
Brunswick County	02501	**Alberta Vol. Fire Dept.**	Division 5 - Hampton
	02504	**Ebony Vol. Fire Dept.**	Division 5 - Hampton
	02506	**Lawrenceville Vol. Fire Dept.**	Division 5 - Hampton
Buchanan County	02705	**Big Rock Vol. Fire Dept.**	Division 4 - Chilhowie
	02710	**Patterson Vol. Fire Dept.**	Division 4 - Chilhowie
Charlotte County	03703	**Cullen Vol. Fire Dept.**	Division 3 - Farmville
Clarke County	04300	**Clarke Co. Emergency Services**	Division 2 - Orange
Fauquier County	06113	**Lois Vol. Fire Dept.**	Division 2 - Orange
Giles County	07110	**Eggleston Vol. Fire Dept.**	Division 4 - Chilhowie
	07120	**Glen Lyn Vol. Fire Dept.**	Division 4 - Chilhowie
	07140	**Newport Vol. Fire Dept.**	Division 4 - Chilhowie
	07170	**Poplar Hill Vol. Fire Dept.**	Division 4 - Chilhowie
Grayson County	07704	**Mount Rogers Vol. Fire Dept.**	Division 4 - Chilhowie
	07705	**Troutdale Community Vol. Fire Dept.**	Division 4 - Chilhowie
	07706	**Rugby Fire Dept.**	Division 4 - Chilhowie
Greene County	07902	**Stanardsville Vol. Fire Dept.**	Division 3 - Farmville
Highland County	09101	**Highland Co. Vol. Fire Dept.**	Division 6 - Roanoke
	09102	**McDowell Vol. Fire Dept.**	Division 6 - Roanoke
	09104	**Bolar Vol. Fire Dept.**	Division 6 - Roanoke
Patrick County	14102	**CCDF Vol. Fire Dept.**	Division 6 - Roanoke
Pittsylvania County	14302	**Hurt Vol. Fire Dept.**	Division 6 - Roanoke
	14308	**Climax Vol. Fire Dept.**	Division 6 - Roanoke
	14310	**Bachelor Hall Vol. Fire Dept.**	Division 6 - Roanoke
	14312	**Gretna Vol. Fire Dept.**	Division 6 - Roanoke
	14316	**Callands Vol. Fire & Rescue Dept.**	Division 6 - Roanoke
Rockbridge County	16301	**Effinger Vol. Fire Dept.**	Division 6 - Roanoke
Russell County	16706	**Copper Creek-Moccasin Vol. Fire Dept.**	Division 4 - Chilhowie
Southampton County	17501	**Boykins Vol. Fire Dept. & Rescue Squad, Inc.**	Division 5 - Hampton
	17509	**Drewryville Vol. Fire Dept.**	Division 5 - Hampton
Tazewell County	18508	**Baptist Valley Vol. Fire Dept.**	Division 4 - Chilhowie
	18511	**Tannersville Vol. Fire Dept.**	Division 4 - Chilhowie
	18514	**Cove Vol. Fire Dept.**	Division 4 - Chilhowie
Washington County	19108	**Clinch Mountain Vol. Fire Dept.**	Division 4 - Chilhowie
Emporia	59500	**Emporia Fire Admin.**	Division 5 - Hampton
Salem	77500	**Salem Fire & EMS Dept.**	Division 6 - Roanoke