



Training

Personnel

Facilities

Equipment

Apparatus



Virginia Fire Service Needs Assessment:

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

Volume XII - January 2016

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 XII, published in January, 2015 was produced from survey results collected from fire departments in 2015.

The 2015 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 2015 Fire Service Needs Assessment Survey team consisted of the following VDFP staff: **Rob Magnotti, Information and Statistics Manager, Reggie Dabney, IT Programmer, and Bailey Martin, 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 2016 Fiscal Period.

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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
- Jess Rodzinka, 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
- Dereck Baker, 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 2015 Needs Assessment Survey. The assessment could not be successful without their valuable support and contribution.

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Executive Summary

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

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 2016 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	Apparatus
#4 Top Need	Facilities
#5 Top Need	Equipment

Current Funding

Fire departments also completed information on their current operating budget for FY 2016. The total funding that fire departments anticipated receiving for FY 2016 was reported as **\$815.3 million**. (See Table 2.) The amount of their funding for FY 2016 was reduced by **\$5.2 million** from FY2015 to FY 2016.

Table 2. Budget Funding Summary By Funding Source for FY2016

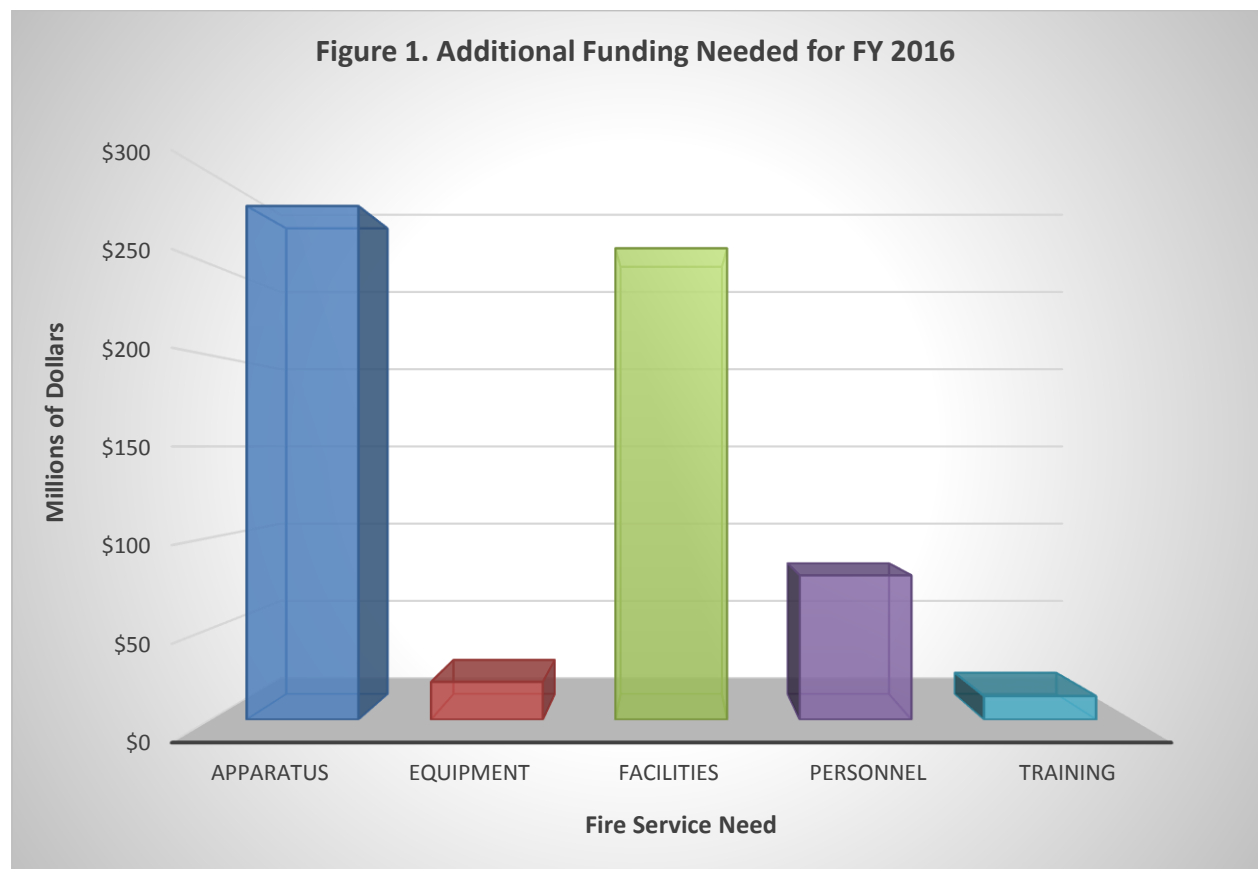
Funding Source	Funding Anticipated to Received for FY 2015	Funding Amount Reduced for FY 2015
Locality Funding	\$788,021,227	\$3,546,652
Fund Raising / Donations	\$4,711,542	\$148,252
Grant Funding	\$22,612,616	\$1,482,869
Grand Total	\$815,345,385	\$5,177,773

Additional Funding Needed

Reporting departments also provided their total estimated amount of additional funding needed for FY 2016 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 nearly **\$654 million**. (See Table 3.) The estimated costs reported with last year's survey were \$792 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 FY2016

Fire Service Need	Additional Funding Needed for FY 2016
Apparatus	\$281,975,343
Equipment	\$20,783,606
Facilities	\$258,757,500
Personnel	\$79,239,826
Training	\$12,958,520
Grand Total	\$653,714,795



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, five (5) ambulances/other patient transport, one (1) command support unit, three (3) command vehicles (SUV), five (5) engines/pumpers, one (1) fire bike, 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 2016 with apparatus is **\$282 million**. Forty-five percent (45%) of departments showed that they need an engine/pumper. Twenty-five percent (25%) of respondents expressed the need for a tanker. Twenty-three percent (23%) of fire departments reported a need for a command vehicle (SUV) and twenty percent (20%) indicated a need for an aerial apparatus.

Even though Apparatus was not ranked as the top overall need in the state, departments in Division 4 - Chilhowie ranked Apparatus as their #1 top need, suggesting that there is a greater need for apparatus in the southwestern area of the state.

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, nine (9) map coordinate GPS devices, eleven (11) mobile data terminals, 23 personal alert safety systems (PASS), 122 sets of personal protective equipment (PPE), 73 radios w/an emergency alert button, 13 radios w/o an emergency alert button, 60 self-contained breathing apparatus (SCBA) w/ integrated PASS, four (4) self-contained breathing apparatus (SCBA) w/o integrated PASS, and six (6) thermal imaging cameras.

The total reported estimated additional funds needed for FY 2016 with equipment is **\$21 million**. Forty-five percent (45%) of departments requested a need for thermal imaging cameras. 4-gas monitors and self-contained breathing apparatus (SCBA) were selected with 37 percent (37%). Personal protective equipment (PPE) was selected as a need with 36 percent (36%) of departments.

Facilities

Departments reported that 60 percent (60%) of their fire stations are 30 years of age or older. Twenty-two percent (22%) of the stations have no backup power during an emergency. Forty percent (40%) of the departments responded that they needed improvements/remodeling to the existing stations. The total reported estimated additional funding needed for FY 2016 with facilities is **\$259 million**.

Personnel

Personnel was the overall #1 picked top need with fire departments. Maintaining enough staff to respond to calls is an important part of managing a fire department. Fifty-eight percent (58%) of departments do not have a personnel recruitment program and 65 percent (65%) have no retention program for their staff. Fifty-five percent (55%) of fire service personnel are volunteer firefighters and 41 percent (41%) are paid career firefighters. Fire departments have on average 20 firefighters on duty and available to respond to a call.

The total reported estimated additional funding needed for FY 2016 with personnel is **\$79 million**. Sixty-seven percent (67%) of all departments responded that they need volunteer firefighters and 34 percent (34%) 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 83 percent (83%) are trained in Fire Fighter (NFPA 1001) - Level I and 83 percent (83%) of their personnel are trained in Hazardous Materials (NFPA 472) - Awareness. Fire departments reported overall that 5,261 firefighters in Virginia, the largest amount, need Rapid Intervention Team/Crew (RIT/RIC) training, and 4,418 firefighters need Mayday Firefighter Down training.

The total reported estimated additional funding needed for training costs for FY 2016 is **\$13 million**. Forty-nine percent (49%) of fire departments requested Fire Fighter - Level I training as their #1 top priority. Twenty-nine percent (29%) of fire departments requested Vehicle - Level 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-one percent (51%) of fire departments have no GPS map coordinate system to help navigate during emergency response. Seventy-one percent (71%) of respondents reported that none of their apparatus are equipped with mobile data terminals.

2015 Fire Service Needs Assessment Quick Facts

- The overall survey response for the Needs Assessment was **55%**.
- **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 2016 would be **\$654 million**.
- **45%** of fire departments reported that they need an engine / pumper.
- For equipment, thermal imaging cameras (**45%**) are most needed by fire departments; 4-gas monitors and self-contained breathing apparatus (SCBA) (**37%**) ranked second.
- **40%** of respondents reported that they need improvements or remodeling of their existing stations.
- **67%** of all fire departments responded that they need more volunteer firefighters; **34%** showed a need for paid firefighters.
- **49%** of departments reported that Fire Fighter - Level I training was their #1 top priority. **29%** responded that Vehicle - Level I training was their #1 top priority with technical rescue.
- **53%** of fire departments funding comes from local government funding (not including ATL); **18%** from fundraising /donations.
- Fire departments anticipate having their funding reduced by **\$5 million** in FY 2016.
- **56%** of respondents plan to apply for a grant through the Assistance to Firefighters Grant (AFG) program.
- Fire departments reported that 21 of their stations have **no computer** available for incident reporting and 24 stations have **no internet** service.

Chapter 1 Introduction



Virginia Fire Service Needs Assessment:

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Volume XII - January 2016

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 2015 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.

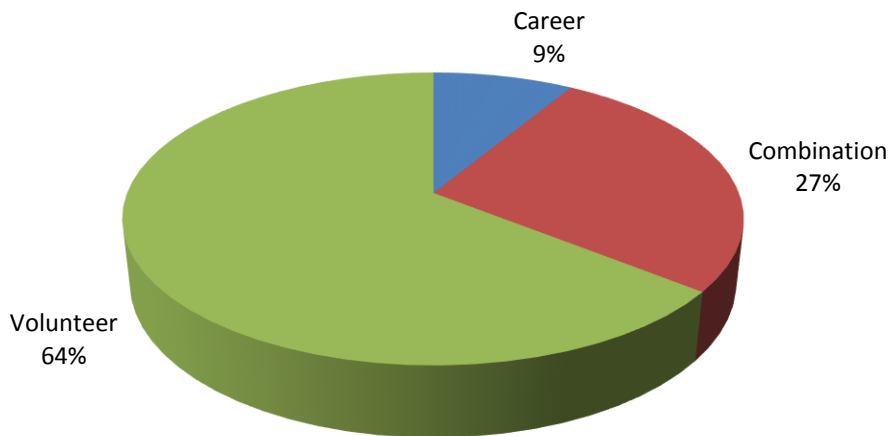
A total of 438 fire departments made up the survey sample of eligible participants. The fire departments were selected from records from the Fire Service Training Record System (FSTRS), maintained by the Virginia Department of Fire Programs. A majority of the fire departments (64%) were classified as Volunteer Departments, 27 percent (27%) were Combination Departments, and 9 percent (9%) 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, 2015

Fire Department Type	Career	Combination	Volunteer	Grand Total
Primary Fire Department	12	28	116	156
Fire Administration Department	4	22	3	29
Grand Total	16	50	119	185

Prior to the startup of data collection for this survey, fire department contact information was updated based on contact information submitted with the 2014 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-five (95%) of fire departments listed department email addresses, which contributed to contacting departments electronically with the survey. In addition, fire department status (career, volunteer, combination) was updated with fire departments based on last year's survey response. All information was updated in the Fire Service Training Records System (FSTRS) and the fire department's information was exported from the database for use with the survey sample collection.

Figure 2. Fire Service Needs Assessment Sample By Fire Department Status, Virginia, 2015



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 2015 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 23, 2015. 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 8, 2015 to submit their completed responses.

On August 27, 2015 a second letter/email was sent to survey non-respondents. The final deadline for responses was December 7, 2015.

In addition, on August 27, 2015, 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 December 7, 2015 was 55 percent (55%). 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, 2007-2015

Year	Survey Response
2007	89%
2008	92%
2009	86%
2010	89%
2011	93%
2012	92%
2013	92%
2014	91%
2015	55%

Collaborative Effort

Survey response for the 2015 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 55 percent (55%). 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	Amherst Co. Dept. of Public Safety - Career Personnel Only
01500	Augusta Co. Fire & Rescue	All Fire Departments in Augusta County (Career and Volunteer)
01900	Bedford Co. Dept. of Fire & Rescue	Bedford Co. Dept. of Fire & Rescue - Career Personnel Only
02300	Botetourt Co. Emergency Services	All Fire Departments in Botetourt County (Career and Volunteer)
03199	Campbell Co. Dept. of Public Safety	Campbell Co. Dept. of Public Safety - Career Personnel Only
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	Clarke Co. Emergency Services - Career Personnel Only
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. Dept. of Fire, Rescue and Emerg. Mgmt.	Fauquier Co. Dept. of Fire, Rescue and Emerg. Mgmt. - 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. Dept. of Public Safety	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	Halifax Co. Emergency Services - Career Personnel Only
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. Svcs.	Isle of Wight Co. Dept. of Emerg. Svcs. - Career Personnel Only
09700	King & Queen Co. Dept. of Emerg. Svcs.	King & Queen Co. Dept. of Emerg. Svcs. - 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. Svcs.	All Fire Departments in Louisa County (Career and Volunteer)

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

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	Page Co. Fire & EMS - Career Personnel Only
14100	Patrick Co. Dept. of Emerg. Mgmt.	Patrick Co. Dept. of Emerg. Mgmt. - Career Personnel Only
14500	Powhatan Co. Fire Dept.	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. Svcs.	Richmond Co. Dept. of Emerg. Svcs. - 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)
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	All Fire Departments in Manassas City (Career and Volunteer)
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 XII - January 2016

Chapter 2 - Survey Results

Survey Section II - Department Personnel

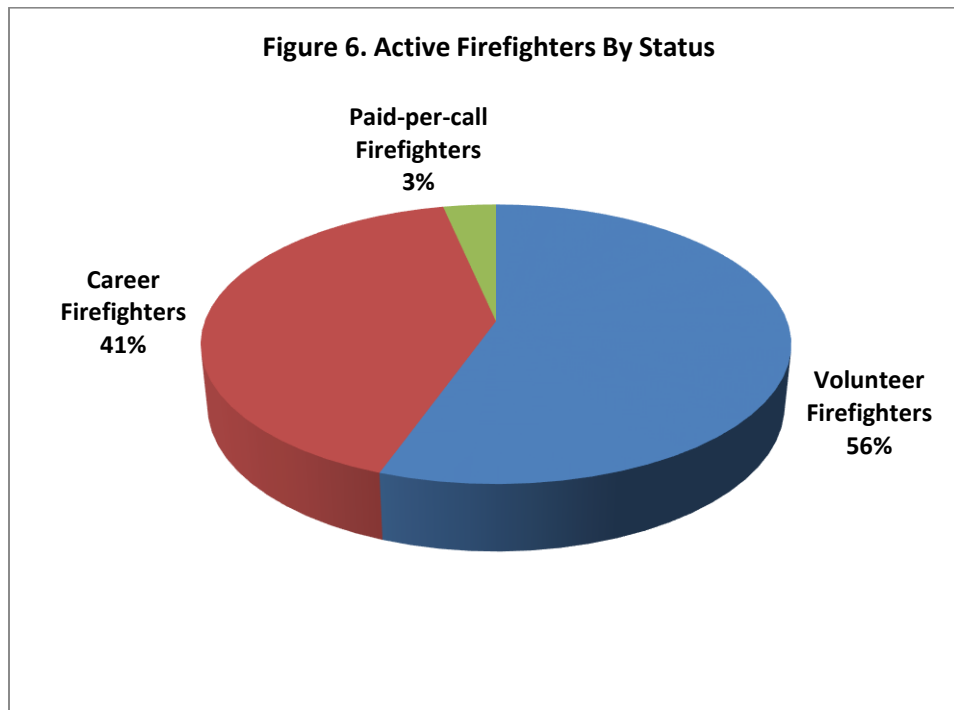
Fire departments require sufficient staffing in order to respond at anytime to different types of emergency situations.

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. Fifty-six percent (56%) of all active firefighters were reported as being classified as volunteer firefighters. Career firefighters accounted for 41 percent (41%) of the active personnel, while paid-per-call firefighters made up the remaining 3 percent (3%). (See Figure 6.)

Average Firefighters on Duty

The state's overall average number of firefighters on duty and available to respond to a call is 20. (See Table 8.) For volunteer fire departments, the average number on duty is 11, while combination fire departments reported an average of 34 firefighters on duty and career fire departments reported an average amount of 43.



Civilian Personnel By Type

Volunteer civilian personnel accounted for 82 percent (82%) of the non-fire service workers, while 18 percent (16%) were paid civilian employees. (See Figure 7.) Civilian personnel are an important part of fire departments since they provide support for the many different required administrative duties as well as providing assistance in implementing fundraising activities.

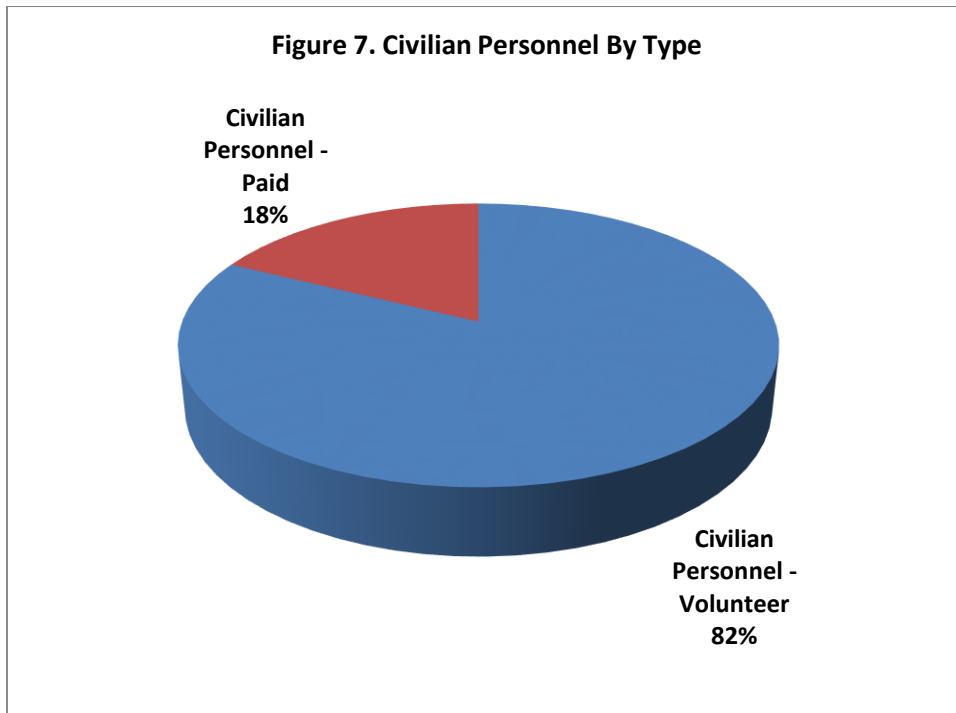


Table 8. Fire Department Personnel Data Reported By VDFP Division

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	1,474	2,253	50	3,777	24	69	256	325
Division 2 - Orange	617	1,493	0	2,110	17	32	340	372
Division 3 - Farmville	398	1,370	18	1,786	16	40	356	396
Division 4 - Chilhowie	131	1,240	196	1,567	13	113	298	411
Division 5 - Hampton	2,540	802	0	3,342	30	151	1,353	1,504
Division 6 - Roanoke	477	1,133	338	1,948	13	23	204	227
Division 7 - Fairfax	1,675	1,573	0	3,248	79	177	10	187
Grand Total	7,312	9,864	602	17,778	20	605	2,817	3,422

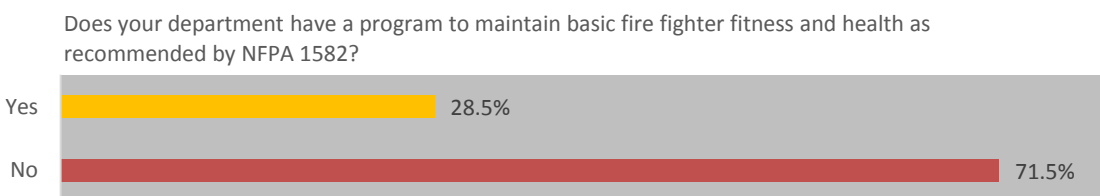
An additional report on personnel reported can be found under Supplemental Table 1 at the end of this chapter.

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 21 percent (21%) of reporting Virginia fire departments are maintaining a basic firefighter fitness and health program as required by NFPA 1500. (See Figure 8.) 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

Figure 8. Program to Maintain Basic Firefighter Fitness and Health



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. Forty percent (40%) of fire departments responded on the survey that they currently have a recruitment program and only 30 percent (30%) of departments have a retention program, suggesting a need for more implementation of personnel programs. (See Figure 9. and 10.)

Figure 9. Fire Department Personnel Recruitment Program

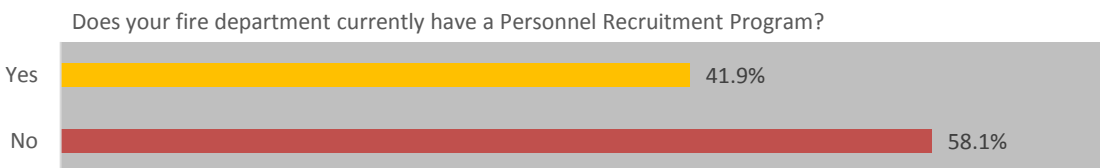
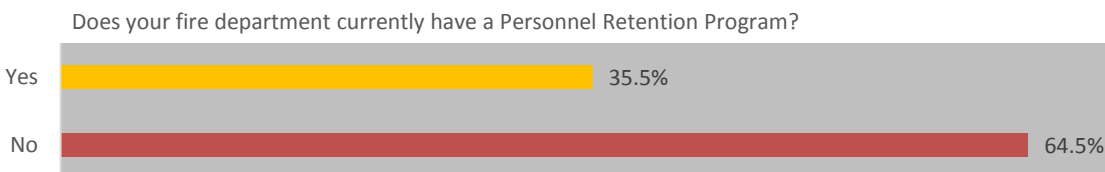


Figure 10. Fire Department Personnel Retention Program



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

Fire departments constantly need to promote for the recruitment of new personnel for their organizations. Eighty-six percent (88%) of departments reported that they use word of mouth or member recruitment to promote recruitment. (See Figure 11.)

To maintain current levels of personnel, fire departments offer incentives and rewards to their members. Seventy-one percent (71%) of fire departments provide department clothing such as shirts and hats, while nearly 60% provide paid education/training for their members. (See Figure 12.)

Figure 11. Promotion of the Recruitment of New Personnel with Department

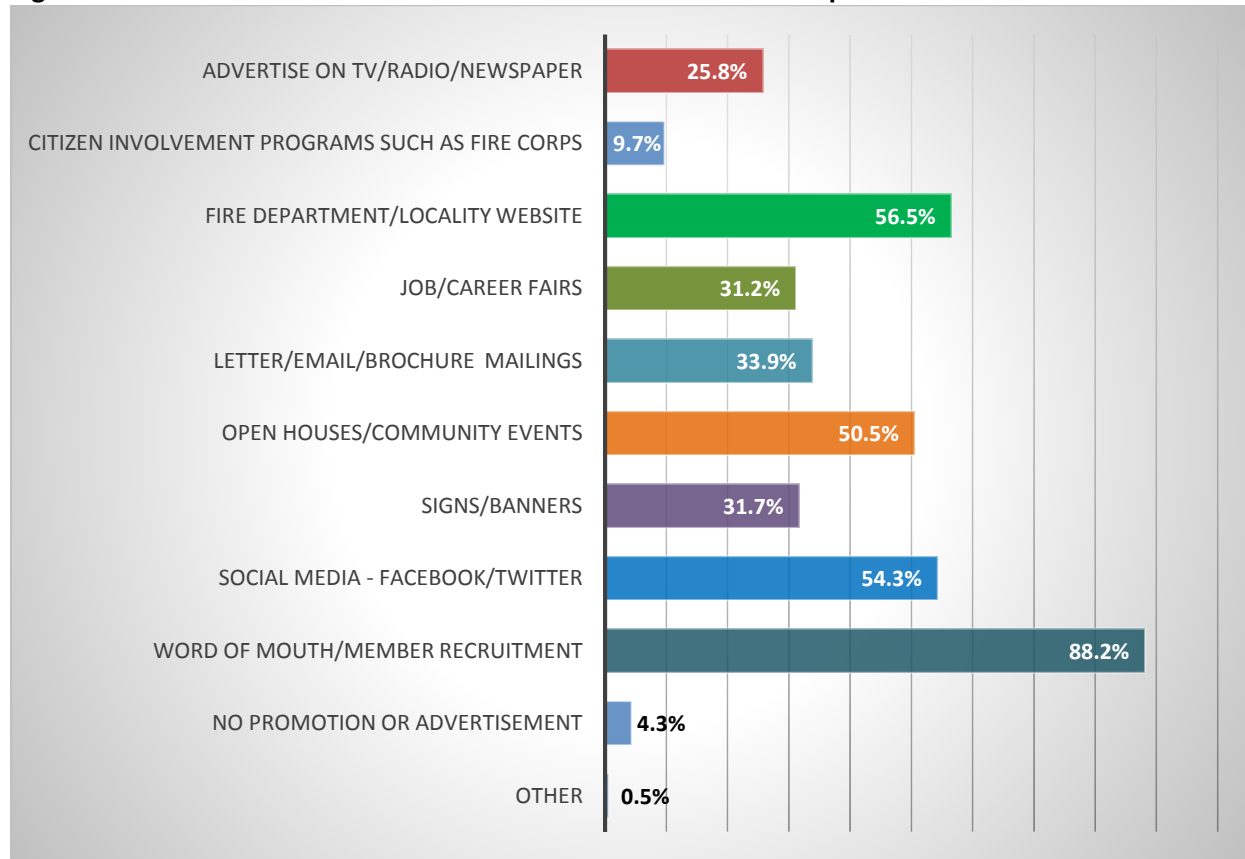
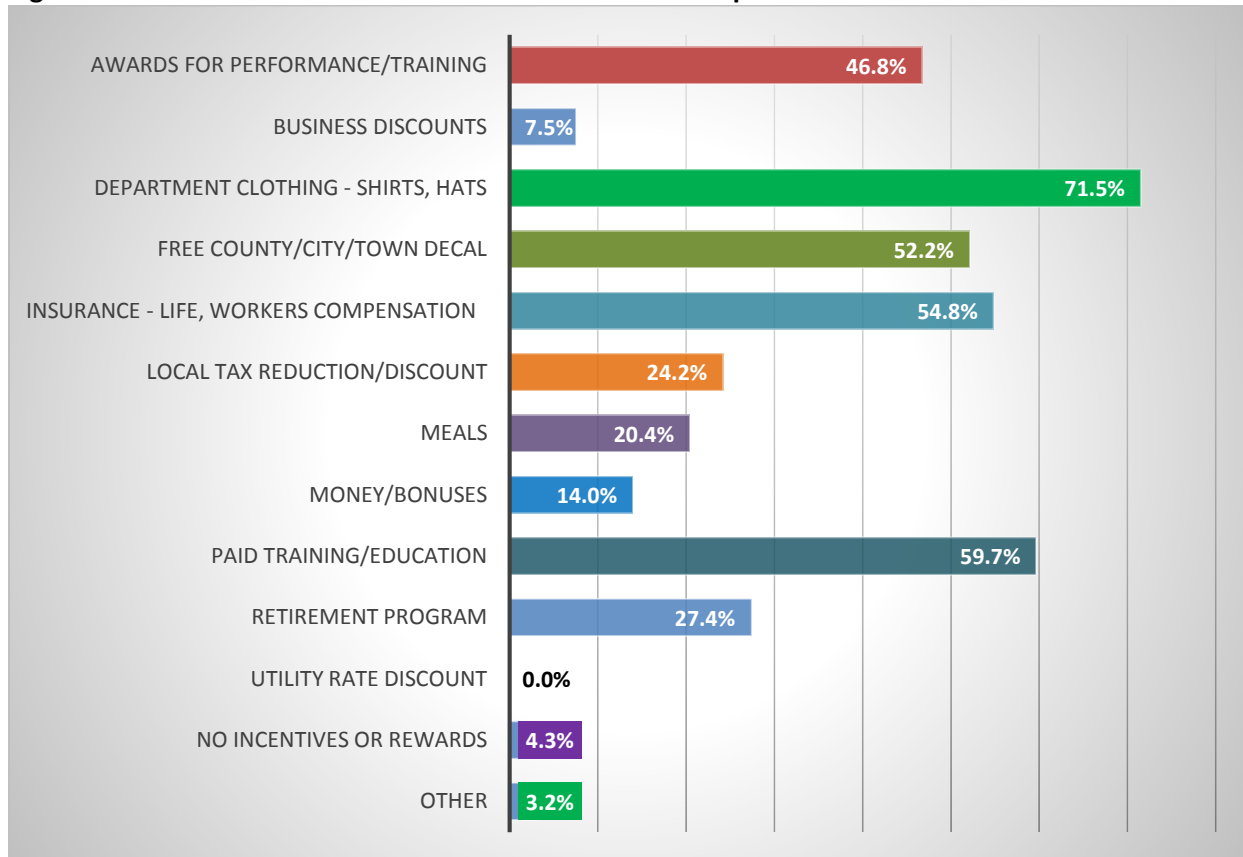


Figure 12. Incentives or Rewards Offered to Members of Department



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. Forty-seven percent (47%) of department fire stations are 30 years of age or older. (See Figure 13.)

Figure 13. Age of Fire Stations

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.)		Response Percent	Response Total
0 to 4 Years		11.69%	87
5 to 9 Years		12.63%	94
10 to 19 Years		14.65%	109
20 to 29 Years		14.25%	106
30 to 39 Years		16.13%	120
40 to 49 Years		15.46%	115
More than 50 Years		15.19%	113

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 59 percent (59%) of their fire stations have backup power during an emergency. Forty-one percent (41%) of their stations have no backup power available.

Figure 14. Fire Stations with Backup Power

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.)		Response Percent	Response Total
Have Backup Power		58.98%	174
Do Not Have Backup Power		41.02%	121

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, five (5) ambulances / other patient transport, one (1) command support unit, three (3) command vehicles (SUV), five (4) engines/pumpers, one (1) fire bike, one (1) fire/rescue boat, one (1) hazardous materials (HAZMAT) vehicle, one (1) heavy technical rescue vehicle, one (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	Mobile Air Utility	Rehab Unit	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
Division 1 - Richmond	22	2	138	24	96	165	23	37	10	26	27	16	9	27	71	87	41
Division 2 - Orange	18	0	124	11	46	121	8	18	8	14	12	4	6	3	35	53	13
Division 3 - Farmville	13	0	45	42	75	121	0	2	12	11	9	8	2	2	51	59	33
Division 4 - Chilhowie	10	0	30	15	35	134	2	13	8	14	15	3	2	7	50	55	27
Division 5 - Hampton	43	1	103	17	37	180	22	33	15	23	120	12	7	12	22	41	108
Division 6 - Roanoke	14	0	67	19	63	124	0	2	4	9	6	6	1	10	49	60	23
Division 7 - Fairfax	30	1	124	5	84	114	18	21	13	19	33	6	5	3	21	25	103
Grand Total	150	4	631	133	436	959	73	126	70	116	222	55	32	64	299	380	348

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	Mobile Air Utility	Rehab Unit	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
Division 1 - Richmond	1.2	0.1	6.9	1.2	4.8	7.2	1.3	2.0	0.6	1.3	1.5	0.8	0.5	1.4	3.4	4.0	2.2
Division 2 - Orange	1.6	0.0	8.9	0.7	3.5	7.6	0.8	1.8	0.7	1.2	1.2	0.4	0.6	0.3	2.5	3.3	1.1
Division 3 - Farmville	0.8	0.0	3.5	2.5	3.8	4.3	0.0	0.2	0.7	0.7	0.7	0.6	0.2	0.2	2.0	2.2	1.4
Division 4 - Chilhowie	0.3	0.0	0.8	0.4	0.9	2.6	0.1	0.4	0.2	0.4	0.4	0.1	0.1	0.2	1.0	1.2	0.7
Division 5 - Hampton	1.9	0.1	4.5	0.7	1.5	6.4	1.0	1.4	0.7	0.9	5.5	0.6	0.3	0.6	0.8	1.5	4.7
Division 6 - Roanoke	0.6	0.0	3.2	0.9	2.5	4.3	0.0	0.1	0.2	0.5	0.3	0.3	0.1	0.5	2.0	2.1	1.2
Division 7 - Fairfax	4.3	0.2	17.7	0.7	12.0	16.3	3.0	3.0	1.9	2.7	4.7	0.9	0.7	0.5	3.0	3.6	17.2
Grand Total	1.1	0.0	4.7	1.0	2.9	5.2	0.6	1.0	0.5	0.9	1.8	0.4	0.3	0.5	1.8	2.2	2.5

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, nine (9) map coordinate GPS devices, eleven (11) mobile data terminals, 23 personal alert safety systems (PASS), 122 sets of personal protective equipment (PPE), 73 radios w/ an emergency alert button, 13 radios w/o an emergency alert button, 60 self-contained breathing apparatus (SCBA) w/ integrated PASS, four (4) self-contained breathing apparatus (SCBA) w/o integrated PASS, and six (6) 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
Division 1 - Richmond	170	289	380	853	4,919	2,442	360	2,124	11	194	0
Division 2 - Orange	134	61	125	378	2,034	1,584	1	1,266	4	149	0
Division 3 - Farmville	106	117	30	759	1,958	1,484	357	1,202	16	129	1
Division 4 - Chilhowie	66	49	17	474	1,635	548	667	883	98	84	0
Division 5 - Hampton	140	318	426	763	3,694	2,878	201	1,996	362	222	0
Division 6 - Roanoke	101	91	57	491	1,705	1,089	299	1,058	8	90	2
Division 7 - Fairfax	209	480	559	0	6,570	2,758	108	2,571	17	152	10
Grand Total	926	1,405	1,594	3,718	22,515	12,783	1,993	11,100	516	1,020	13

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
Division 1 - Richmond	7.4	14.5	19.0	42.7	213.9	106.2	21.2	92.4	0.7	8.4	0.0
Division 2 - Orange	8.4	4.1	8.9	29.1	127.1	99.0	0.1	79.1	0.4	9.3	0.0
Division 3 - Farmville	3.8	4.9	1.4	30.4	67.5	59.4	14.9	42.9	0.8	4.6	0.1
Division 4 - Chilhowie	1.4	1.1	0.4	9.7	31.4	11.2	13.1	16.7	2.3	1.6	0.0
Division 5 - Hampton	5.0	11.8	16.4	28.3	131.9	102.8	9.1	71.3	16.5	8.2	0.0
Division 6 - Roanoke	3.6	3.6	2.5	21.4	58.8	41.9	13.6	36.5	0.4	3.1	0.2
Division 7 - Fairfax	29.9	68.6	79.9	0.0	938.6	394.0	15.4	367.3	2.4	21.7	2.0
Grand Total	5.2	8.6	10.6	22.7	122.4	73.5	12.9	60.3	3.7	5.6	0.1

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.

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 \$815.3 million for their budgets for FY 2016; \$788 million from their locality, \$4.7 million from funding raising / donations and \$22.6 million from grant sources. (See Table 13.) Fire service anticipates receiving on average a total of \$573,672 for their budget funding. (See Table 14.)

Table 13. Total Funding Anticipated to Receive for FY2016

VDFP Division	Locality Funding	Fund Raising / Donations	Grant Funding	Grand Total
Division 1 - Richmond	\$140,245,912	\$366,500	\$3,917,887	\$144,530,299
Division 2 - Orange	\$47,963,355	\$843,000	\$2,504,420	\$51,310,775
Division 3 - Farmville	\$41,022,040	\$1,930,592	\$2,718,202	\$45,670,834
Division 4 - Chilhowie	\$8,604,648	\$554,530	\$1,221,750	\$10,380,928
Division 5 - Hampton	\$227,667,040	\$393,900	\$7,688,230	\$235,749,170
Division 6 - Roanoke	\$32,209,187	\$569,020	\$811,116	\$33,589,323
Division 7 - Fairfax	\$290,309,045	\$54,000	\$3,751,011	\$294,114,056
Grand Total	\$788,021,227	\$4,711,542	\$22,612,616	\$815,345,385

Table 14. Average Funding Anticipated to Receive for FY2016

VDFP Division	Locality Funding	Fund Raising / Donations	Grant Funding	Grand Total
Division 1 - Richmond	\$6,374,814	\$16,659	\$178,086	\$6,569,559
Division 2 - Orange	\$2,997,710	\$52,688	\$156,526	\$3,206,924
Division 3 - Farmville	\$1,414,553	\$66,572	\$93,731	\$1,574,856
Division 4 - Chilhowie	\$159,345	\$10,269	\$22,625	\$192,239
Division 5 - Hampton	\$8,130,966	\$14,068	\$274,580	\$8,419,614
Division 6 - Roanoke	\$1,110,662	\$19,621	\$27,970	\$1,158,253
Division 7 - Fairfax	\$41,472,721	\$7,714	\$535,859	\$42,016,294
Grand Total	\$425,974	\$25,468	\$122,230	\$573,672

Funding Reduction

Fire departments also reported that they will have a reduction of funding for FY 2016 that totals \$5 million. (See Table 15.) The anticipated reduction with locality funding was reported as \$3.5 million. Fire service also expect a reduction of funding with fund raising / donations (\$148,252) and with grant funding (\$1,482,869).

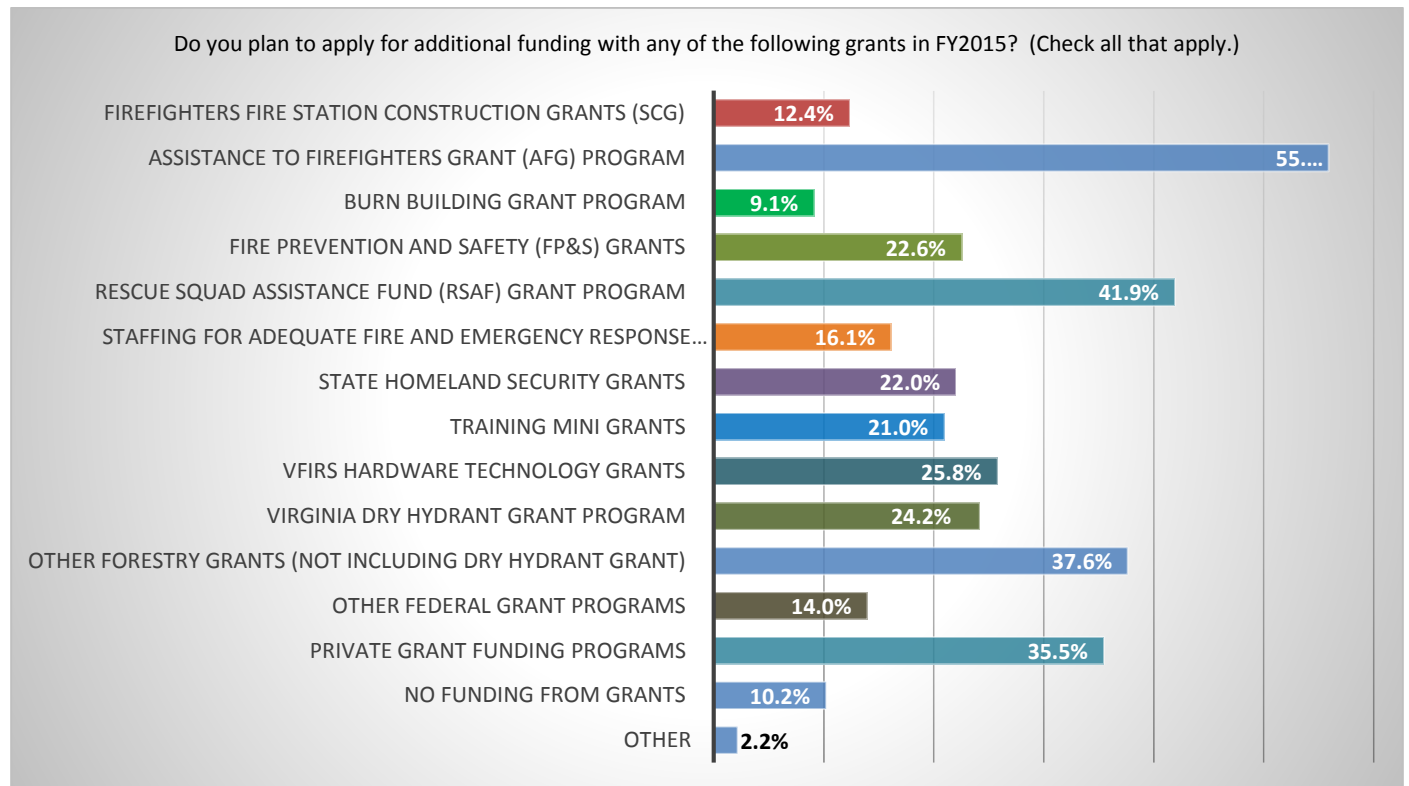
Table 15. Total Amount of Anticipated Funding Reduced for FY2016

VDFP Division	Locality Funding	Fund Raising / Donations	Grant Funding	Grand Total
Division 1 - Richmond	\$50,000	\$8,000	\$100,000	\$158,000
Division 2 - Orange	\$10,000	\$36,000	\$35,000	\$81,000
Division 3 - Farmville	\$10,000	\$26,000	\$0	\$36,000
Division 4 - Chilhowie	\$39,500	\$41,250	\$117,400	\$198,150
Division 5 - Hampton	\$3,373,142	\$37,000	\$950,469	\$4,360,611
Division 6 - Roanoke	\$34,010	\$2	\$30,000	\$64,012
Division 7 - Fairfax	\$30,000	\$0	\$250,000	\$280,000
Grand Total	\$3,546,652	\$148,252	\$1,482,869	\$5,177,773

Grant Funding

To help offset their upcoming budget, fire departments can apply for additional funding through grant funding programs. Fifty-six percent (56%) of departments responded that they plan to apply for a grant with the Assistance to Firefighters Grant (AFG) Program. (See Figure 16.)

Figure 16. Grant Funding Planned to Apply for in FY2015



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 17.) Fundraising generated on average 16 percent (16%) of the income for fire departments.

Figure 17. Fire Department Budget Funding

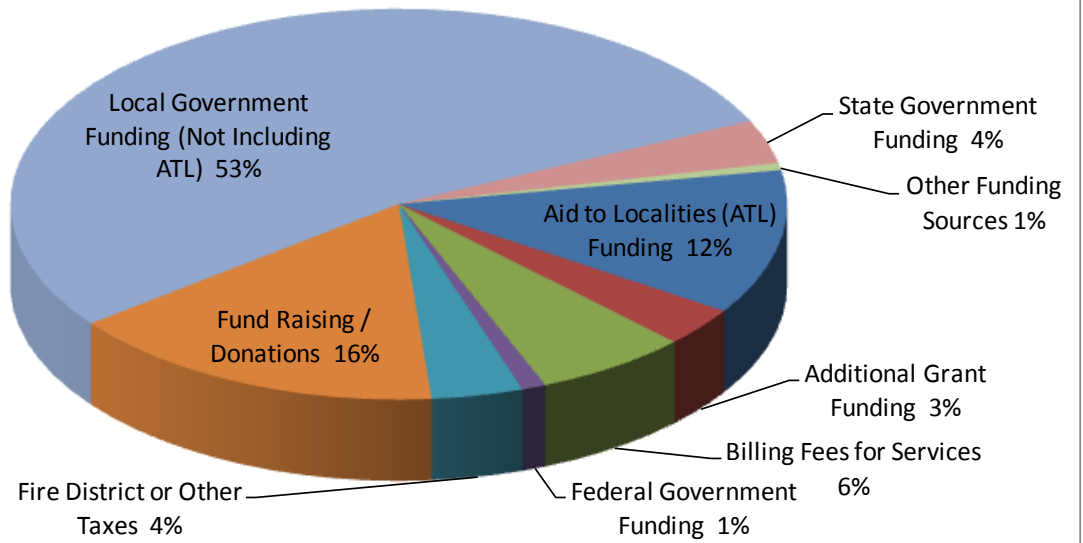


Table 16. Average Percent of Fire Department Budget Funding By VDFP Division

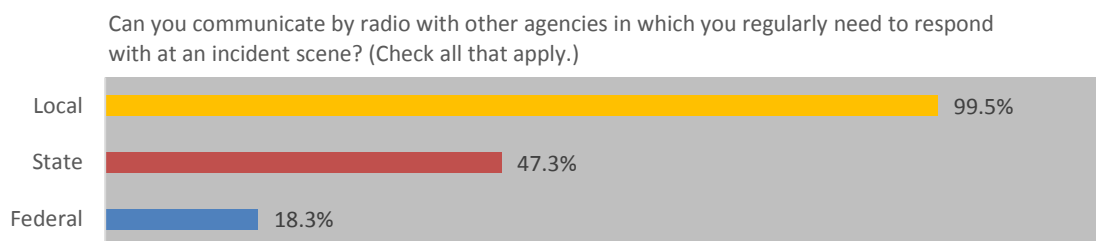
VDFP Division	Aid to Localities (ATL) Funding	Additional Grant Funding	Billing Fees for Services	Federal Government Funding	Fire District or Other Taxes	Fund Raising / Donations	Local Government Funding (Not Including ATL)	State Government Funding	Other Funding Sources
Division 1 - Richmond	5.3	3.4	8.9	0.9	7.1	8.2	60.4	4.9	5.3
Division 2 - Orange	6.6	2.3	11.1	0	14.1	18.8	45.4	1.7	6.6
Division 3 - Farmville	10.3	2.5	3.3	0.3	5.2	18	58.4	1.8	10.3
Division 4 - Chilhowie	15.4	3.4	5.7	0.5	0.7	18.1	48.5	6.1	15.4
Division 5 - Hampton	16.6	3.8	1.7	0.4	0.1	14.9	61.7	0.5	16.6
Division 6 - Roanoke	15.1	4.2	10.5	0.6	0	21.2	45.5	1.6	15.1
Division 7 - Fairfax	0.9	0.4	7	0.6	18.1	0	59.4	13	0.9
Grand Total	12.19	3.24	6.38	0.47	3.8	16.26	53.19	3.62	0.86

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 18.) 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.

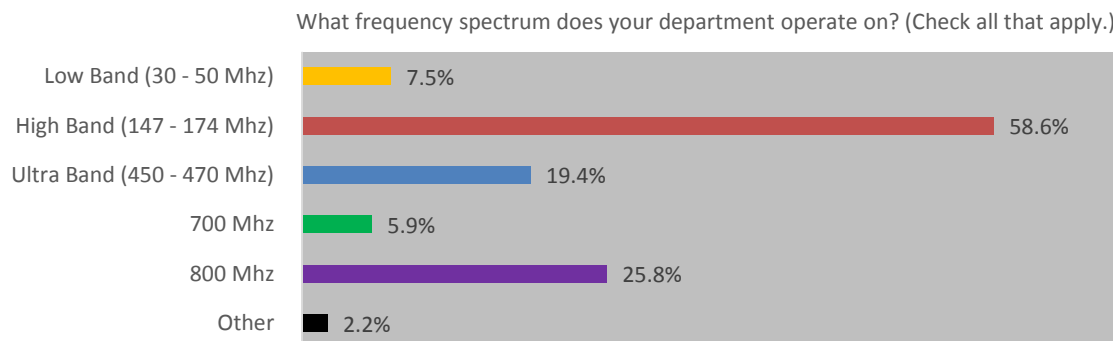
Figure 18. Communication By Radio with Other Agencies



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 26 percent of departments use 800 MHz and 19 percent (19%) of departments use Ultra Band (450-470 MHz). (See Figure 19.)

Figure 19. Department Radio Frequency



GPS Map Coordinate System

More than fifty percent (50%) of fire departments have no GPS map coordinate system to help navigate during emergency response. (See Figure 21.) The USFA/NFPA national study estimates that 48 percent of departments have no map coordinate system.²

Figure 21. Apparatus Equipped with a GPS Map Coordinate System

What percentage (%) of your apparatus are equipped with a GPS Map Coordinate System?		Response Percent	Response Total
All Apparatus (100%)		5.91%	11
Most (75% to 95%)		14.52%	27
More than Half (50% to 70%)		8.07%	15
Some (25% to 45%)		8.61%	16
Few (5% to 20%)		12.37%	23
None		50.54%	94

NOTE: Due to rounding error, response percents do not add to 100.

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. Nearly seventy-one percent (71%) of respondents reported that none of their apparatus are equipped with mobile data terminals. (See Figure 22.)

Figure 22. Apparatus Equipped with Mobile Data Terminals

What percentage (%) of your apparatus are equipped with Mobile Data Terminals?		Response Percent	Response Total
All Apparatus (100%)		8.07%	15
Most (75% to 95%)		6.45%	12
More than Half (50% to 70%)		1.62%	3
Some (25% to 45%)		3.77%	7
Few (5% to 20%)		9.15%	17
None		70.97%	132

NOTE: Due to rounding error, response percents do not add to 100.

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

Tablets/iPads

Fire departments are increasingly using newer computer technology such as tablets/iPads to assist with incident response. Nearly seventy percent (70%) of respondents reported that none of their apparatus are equipped with mobile data terminals. (See Figure 23.)

Figure 23. Apparatus Equipped with Tablets/iPads

What percentage (%) of your apparatus are equipped with Tablets/iPads?		Response Percent	Response Total
All Apparatus (100%)		4.30%	8
Most (75% to 95%)		4.85%	9
More than Half (50% to 70%)		3.23%	6
Some (25% to 45%)		5.92%	11
Few (5% to 20%)		11.84%	22
None		69.89%	130

NOTE: Due to rounding error, response percents do not add to 100.

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.

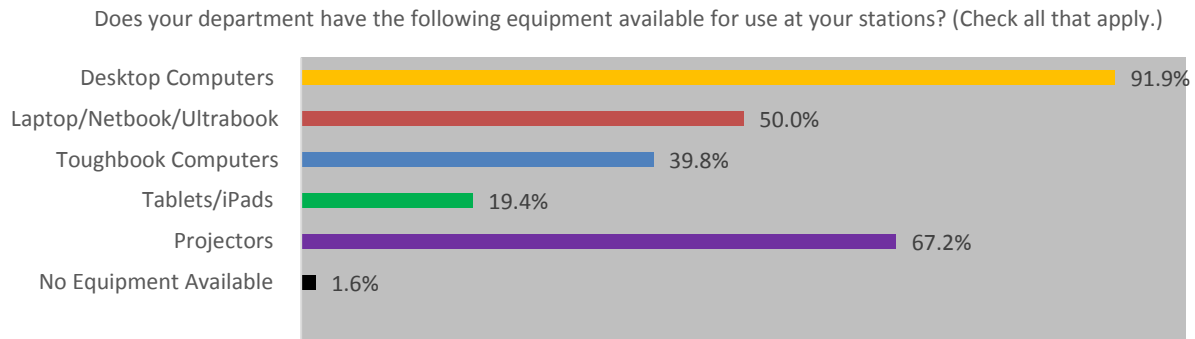
Nearly ninety-seven percent (97%) of respondents reported that their stations have a computer available for incident reporting. (See Figure 24.) Almost ninety-two percent (92%) of departments reported that they have desktop computers available for use at their stations. (See Figure 25.) Fifty percent (50%) reported that they have laptop/netbook/ultrabook computers and nearly 40 percent (40%) reported that they have toughbook computers.

Figure 24. Stations with a Computer for Incident Reporting

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.)		Response Sum	Response Percent
Computer at Station		636	96.80%
No Computer Available		21	3.19%

NOTE: Due to rounding error, response percents do not add to 100.

Figure 25. Department Have Equipment Available for Use



A majority of fire departments have internet access (90%) at their organization. (See Figure 26.) High speed internet accounted for 62 percent (62%) of the internet access, wireless internet made up 25 percent (25%), and satellite internet accounted for 1 percent (1%) of the internet service used in the state. Less than one percent (0.5%) 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. Three percent (3%) of departments reported that they had no internet service.

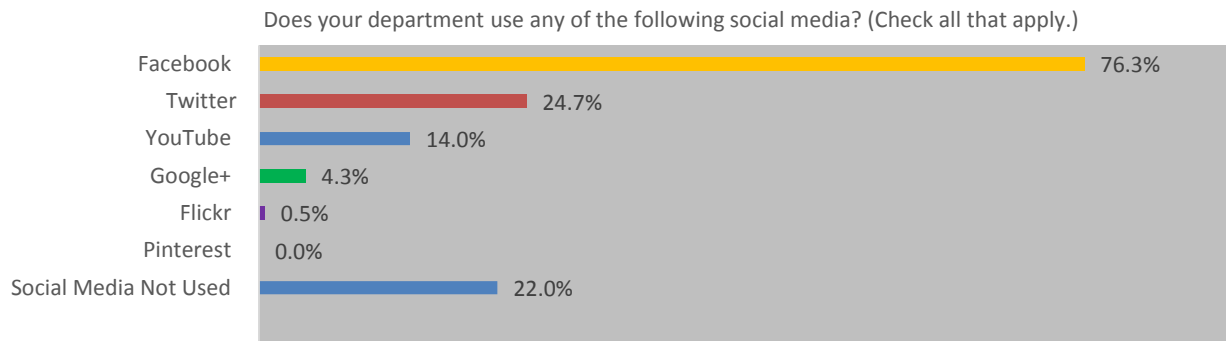
Figure 26. Stations with Internet Service

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.)		Response Sum	Response Percent
Dial-Up Internet		4	0.52%
High Speed Internet		477	62.43%
Wireless Internet		195	25.52%
Satellite Internet		8	1.05%
Cable TV (No Internet)		55	7.33%
No Internet Service		24	3.14%

Social Media

Fire departments are using social media as a new resource to increase communication. Seventy-six percent (76%) of fire departments are using Facebook. (See Figure 27.) Twenty-five percent (25%) are using Twitter and fourteen percent (14%) are using YouTube.

Figure 27. Department Use of Social Media



Web Pages

Fifty-six percent (56%) of fire departments reported that they maintain a department webpage. Similarly, sixty-three percent (63%) maintain a fire department Facebook page. (See Figure 28. and 29.)

Figure 28. Fire Department Maintain Webpage

Does your fire department have and maintain a Department Webpage?		Response Percent	Response Total
Yes		57.54%	103
No		42.46%	76

Figure 29. Fire Department Maintain Facebook Page

Does your fire department have and maintain a Facebook Page?		Response Percent	Response Total
Yes		70.69%	123
No		29.31%	51

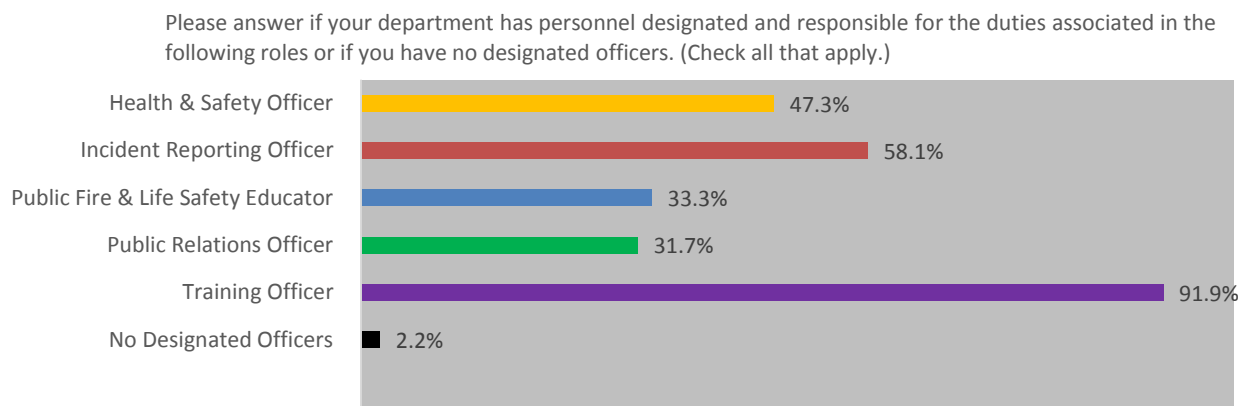
Survey Section VI - Fire Department Roles / Training

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, 87 percent (87%) had training officers, 56 percent (56%) had designated incident reporting officers, and 40 percent (40%) had health and safety officers. (See Figure 30.)

Figure 30. Personnel Designated and Responsible for Specific Duties



Minimum Level of Training

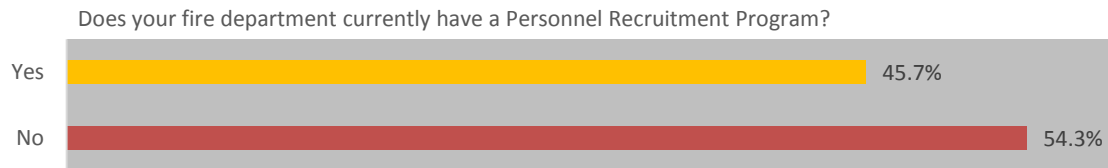
Fire departments have training requirements for their members. Seventy-three percent (76%) of the departments responded that they have a minimum level of training required to remain an active member. (See Figure 31.) For the departments that have a minimum level of training standard, 65 percent (65%) have members certified at the Fire Fighter I and HazMat Operations level and 26 percent (26%) have members certified at Fire Fighter II and HazMat Operations. In addition, departments reported that 38 percent (38%) have to become certified in 12 months.

Figure 31. Department Minimum Level of Training Required

Does your department currently have a minimum level of training required to be an active member?		Response Percent	Response Total
Yes		76.34%	142
No		23.66%	44

Forty-six percent (46%) of departments reported that their jurisdiction mandates firefighter certification (VDFP / Pro-Board).

Figure 32. Jurisdiction Mandate Firefighter Certification



Training

NFPA Standards

Fire service personnel are trained in many different areas and levels based on the National Fire Protection Association (NFPA) standards (See Table 17.)

Based on the reported number of firefighters that need training and the reported number of fire service personnel, 5,261 firefighters in Virginia, the largest amount, need Rapid Intervention Team/Crew (RIT/RIC) training and 4,418 firefighters need Mayday Firefighter Down training. (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	Number of Firefighters In Need of Training
Hazardous Materials (NFPA 472) - Awareness	11,489	2,422
Hazardous Materials (NFPA 472) - Operations	11,362	2,601
Fire Fighter (NFPA 1001) - Level I	12,154	2,473
Fire Fighter (NFPA 1001) - Level II	10,980	3,186
Fire Apparatus Driver/Operator (NFPA 1002) - Driver/Pump Operator	5,785	3,901
Fire Apparatus Driver/Operator (NFPA 1002) - Aerial Operator	3,233	2,836
Airport Fire Fighter (NFPA 1003)	480	1,088
Fire Officer (NFPA 1021) - Level I	3,862	2,795
Fire Officer (NFPA 1021) - Level II	2,415	2,217
Fire Officer (NFPA 1021) - Level III	996	1,994
Fire Officer (NFPA 1021) - Level IV	340	1,807
Fire Inspector (NFPA 1031) - Level I/II	687	1,108
Fire Investigator (NFPA 1033)	443	949
Fire Service Instructor (NFPA 1041) - Level I	4,578	2,351
Fire Service Instructor (NFPA 1041) - Level II	2,412	2,028
Fire Service Instructor (NFPA 1041) - Level III	851	1,529
Public Fire and Life Safety Educator (NFPA 1035) - Level I	368	1,224
Public Fire and Life Safety Educator (NFPA 1035) - Level II	256	1,096
Juvenile Firesetter Intervention Specialist (NFPA 1035) - Level I	284	1,032
Juvenile Firesetter Intervention Specialist (NFPA 1035) - Level II	137	916
Farm Machinery Extrication	2,075	3,039
Mayday Firefighter Down	7,071	4,418
Rapid Intervention Team/Crew (RIT/RIC)	3,572	5,261

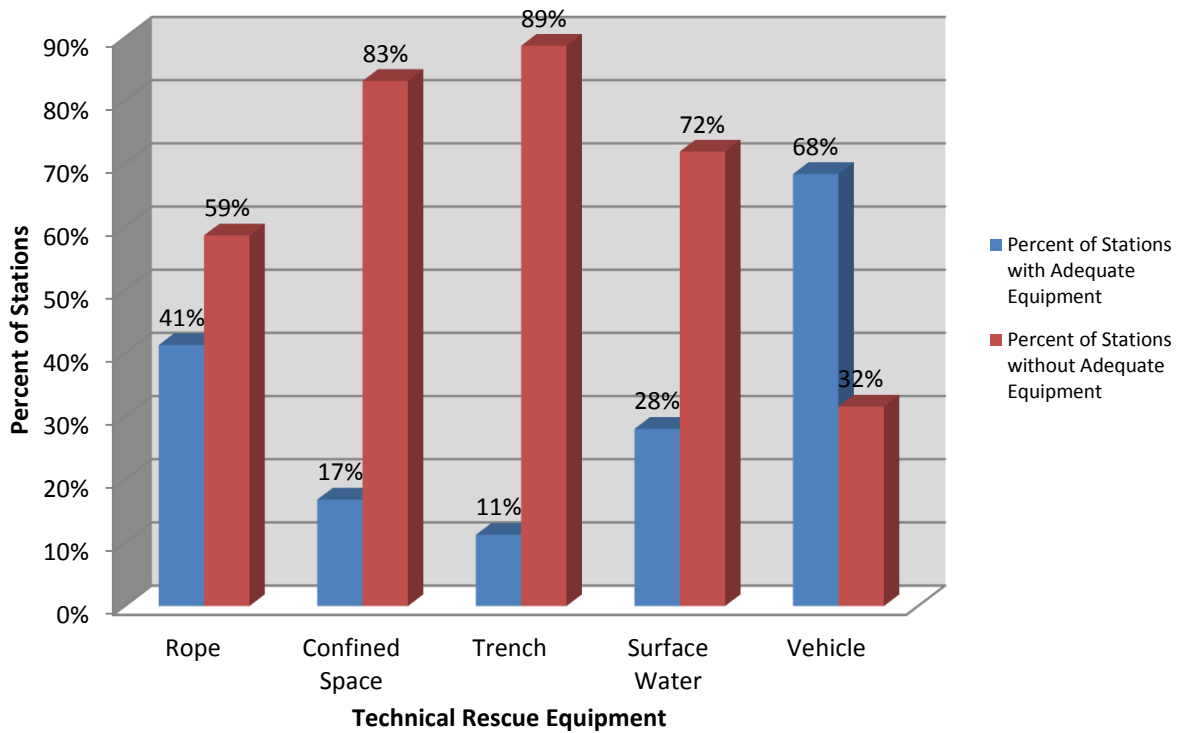
Technical Rescue

Respondents also replied with how many personnel are trained in specific technical rescue areas and levels. Based on the reported number of firefighters that need training and the reported number of fire service personnel, 3,949 firefighters in Virginia, the largest amount, need Vehicle - Level I and 3,869 firefighters need Introduction to Technical Rescue - Module I.

Table 18. Fire Department Reported Training with Technical Rescue

Training Area and Level	Number of Firefighters Trained	Number of Firefighters Need Training
Introduction to Technical Rescue - Module I	4,543	3,869
Introduction to Technical Rescue - Module II	2,579	3,435
Rope - Level I	3,672	3,153
Rope - Level II	2,085	2,915
Confined Space - Level I	2,198	2,857
Confined Space - Level II	1,388	2,575
Trench - Level I	2,024	2,630
Trench - Level II	1,079	2,709
Surface Water - Level I	965	2,436
Surface Water - Level II	605	2,150
Swift Water - Level I	1,111	2,025
Swift Water - Level II	747	2,046
Vehicle - Level I	6,027	3,949
Vehicle - Level II	3,064	3,768

Figure 33. Stations Have Adequate Technical Rescue Equipment



Fire departments reported that their stations do not have adequate technical rescue equipment in the following areas; Rope (59%), Confined Space (83%), Trench (89%), and Surface Water (72%). (See Figure 35.) Seventy percent (68%) of their stations have adequate vehicle technical rescue equipment.

Emergency Medical Services (EMS)

Fire service reported that 6,244 firefighters are trained at the EMT - Basic level and that 1,834 need additional training to meet training goals with their department. (See Table 19).

Table 19. Fire Department Reported Training with EMS

Training Area and Level	Number of Firefighters Trained	Number of Firefighters Need Training
EMS First Responder	418	752
EMT - Basic	6,244	1,834
EMT - Advanced	1,149	450
EMT - Intermediate	1,601	1,089
EMT - Paramedic	2,008	1,076

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.

Figure 34. Department Licensed as an EMS Agency

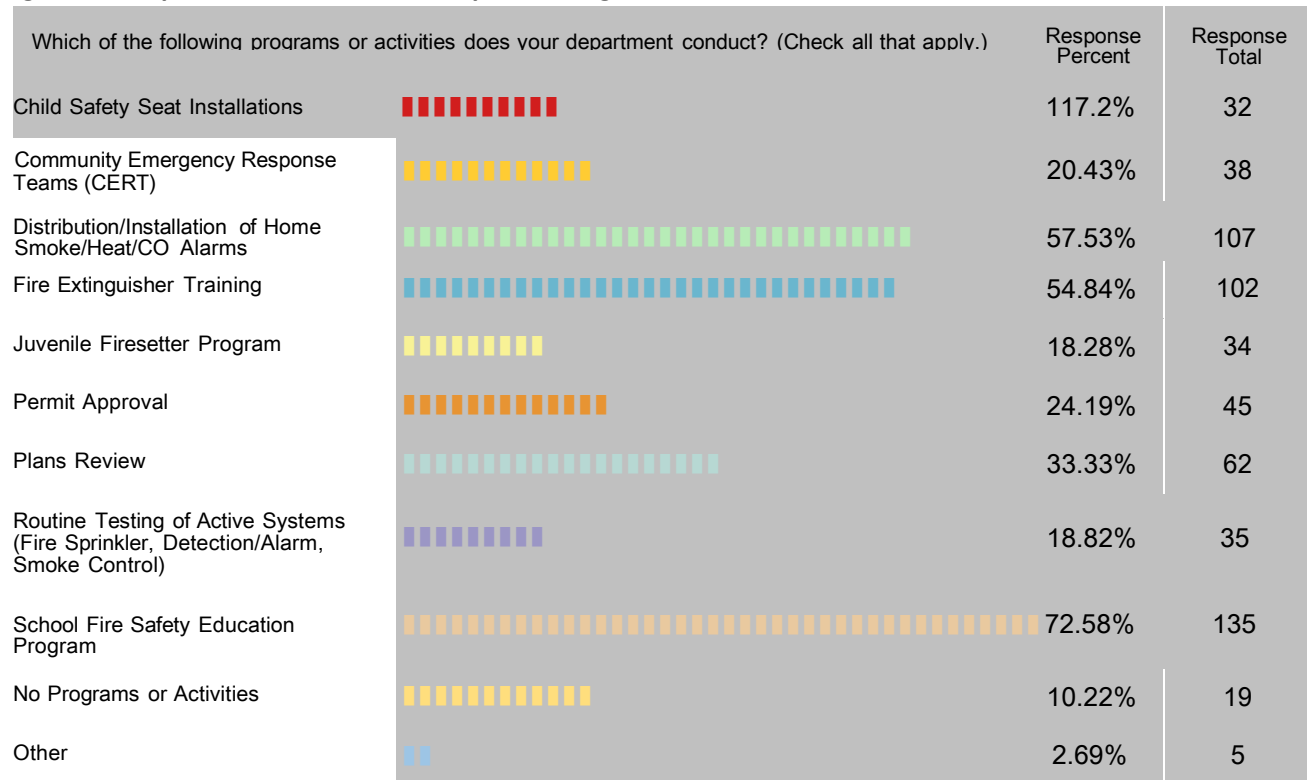
Is your department licensed by the Virginia Department of Health, Office of Emergency Medical Services as an EMS agency?		Response Percent	Response Total
Yes		55.91%	104
No		45.09%	82

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. Sixty-eight percent (72.58%) of departments reported that they conducted school fire safety education programs and 44 percent (57.53%) participated in the distribution / installation of home smoke / heat / CO alarms. (See Figure 38.) Forty-three percent (54.84%) conducted fire extinguisher training.

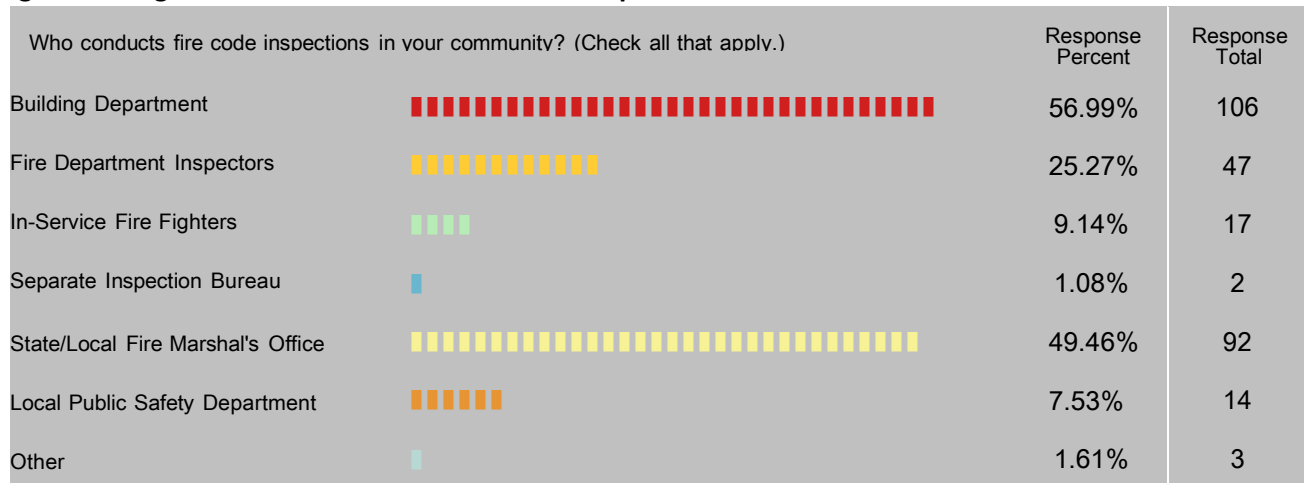
Figure 38. Departments that Conduct Specific Programs or Activities



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 (54%) handle inspections in their community, while 48% responded that the state / local fire marshal's office provides the inspections. (See Figure 39.)

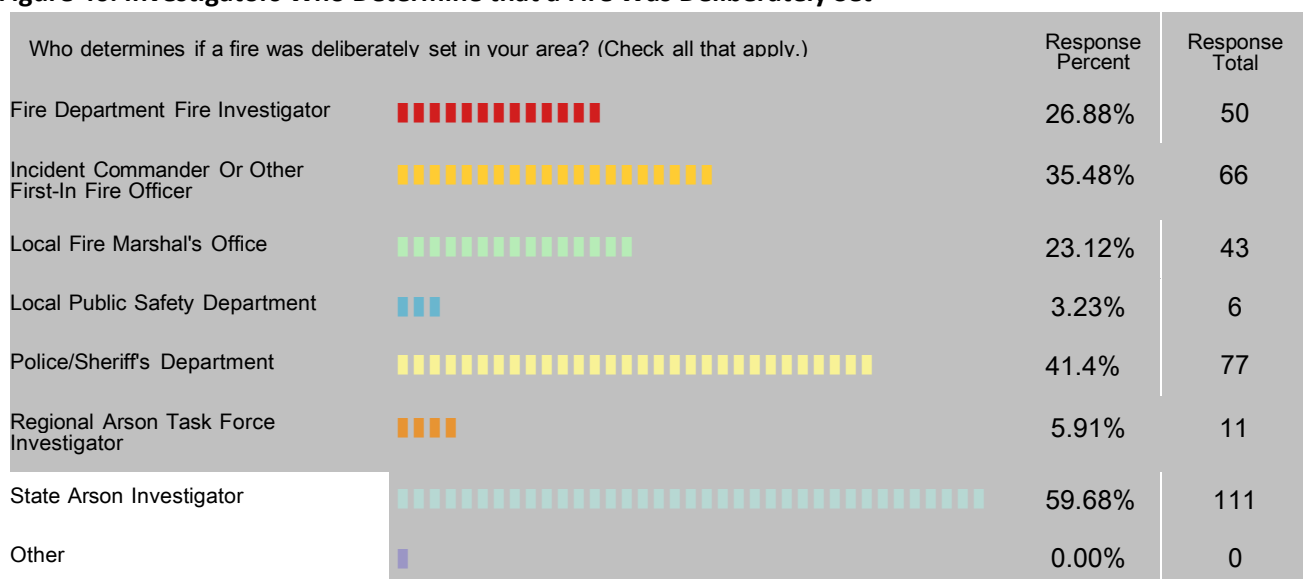
Figure 39. Organizations that Conduct Fire Code Inspections



Fire Investigation

Several types of investigators will determine if a suspicious fire was deliberately set in an area. Fifty-six percent (56%) of the departments reported that state arson investigators analyze fires to conclude the cause of ignition. (See Figure 40.)

Figure 40. Investigators Who Determine that a Fire Was Deliberately Set



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. Forty-one percent (37%) 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 29 percent (29%) of the departments. 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	Apparatus	Facilities	Equipment	Training	Personnel
Division 2 - Orange	Equipment	Apparatus	Training	Facilities	Personal
Division 3 - Farmville	Facilities	Apparatus	Equipment	Training	Personnel
Division 4 - Chilhowie	Facilities	Equipment	Apparatus	Personnel	Training
Division 5 - Hampton	Facilities	Apparatus	Equipment	Training	Personnel
Division 6 - Roanoke	Facilities	Apparatus	Equipment	Training	Personnel
Division 7 - Fairfax	Apparatus	Equipment	Training	Facilities	Personnel
Virginia	Personnel	Training	Apparatus	Facilities	Equipment

When comparing how different divisions in Virginia ranked their top needs, fire departments in the Division 4 - Chilhowie area selected Apparatus for their #1 top need, suggesting that there is a greater need for apparatus in the western area of the state. In addition, Equipment was picked as their #2 top need and Training was #3. 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 2015. Overall, fire departments reported that their additional funding needed for FY 2015 would be \$792 million. (See Table 21.) Last year with the survey, fire departments reported total additional funding needed was \$614 million for FY 2014, 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 (\$526 million) accounted for the highest amount of funding needed in Virginia. Apparatus had the second highest funding amounts, \$120 million, while Personnel funding ranked third with \$74 million.

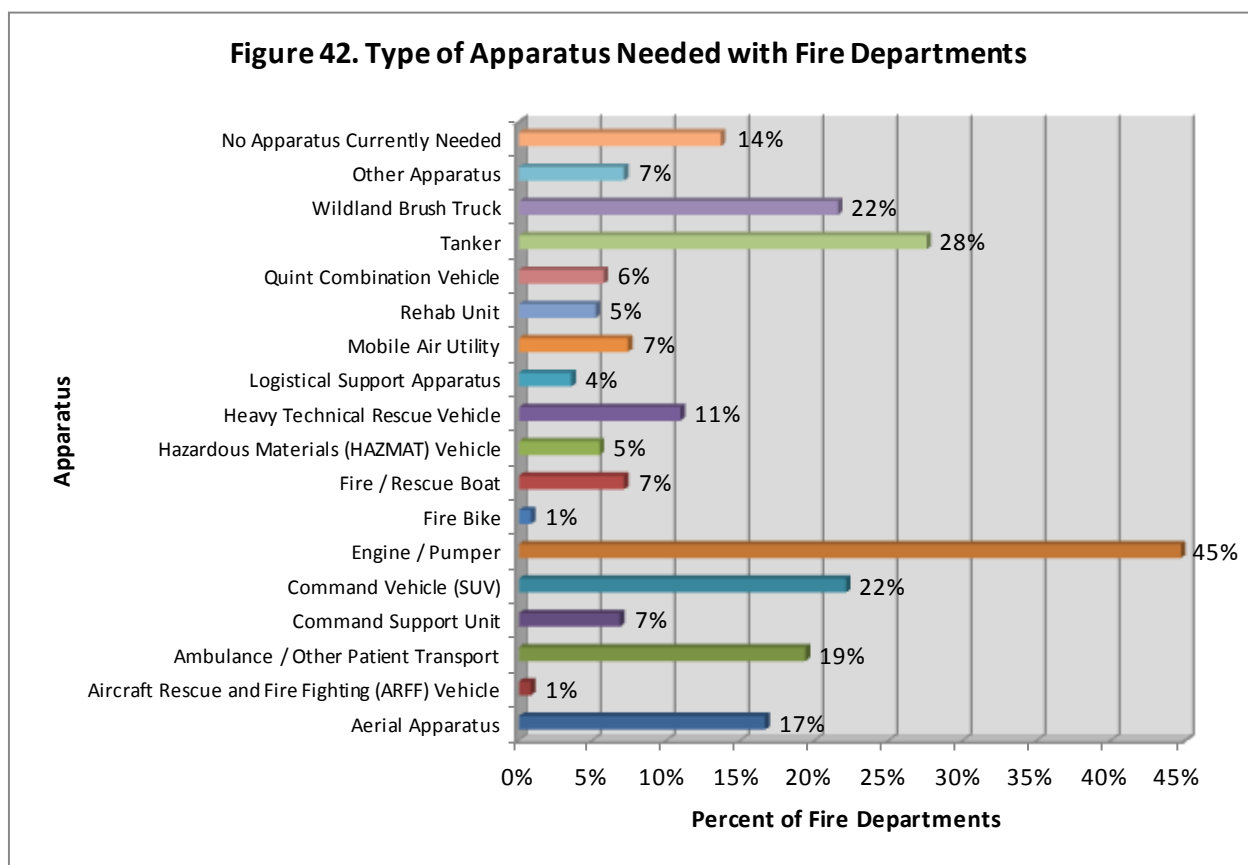
Table 21. Total Additional Funding Needed Reported By VDFP Division

VDFP Division	Apparatus	Equipment	Facilities	Personnel	Training	Grand Total
Division 1 - Richmond	\$17,125,000	\$4,559,500	\$37,495,000	\$17,496,500	\$4,374,000	\$81,050,000
Division 2 - Orange	\$7,820,000	\$1,455,000	\$4,012,730,000	\$7,085,000	\$441,000	\$4,112,576,506
Division 3 - Farmville	\$207,947,000	\$2,043,000	\$19,905,000	3,078,500	\$1,307,040	\$234,280,540
Division 4 - Chilhowie	\$14,698,000	\$2,746,100	\$14,717,500	\$2,306,000	\$879,000	\$35,346,600
Division 5 - Hampton	\$1,419,725,000	\$4,600,000	\$3,051,010,000	\$13,282,556	\$4,314,500	\$4,492,932,056
Division 6 - Roanoke	\$9,710,343	\$2,470,006	\$44,375,000	\$6,881,270	\$544,520	\$63,981,139
Division 7 - Fairfax	\$3,550,000	\$2,910,000	\$71,525,000	\$29,110,000	\$1,875,000	\$108,970,000
Grand Total	\$1,680,575,343	\$20,783,606	\$7,251,757,500	\$79,239,826	\$13,735,060	\$9,046,091,335

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. Forty-five percent (45%) of all responding departments noted that they require an engine/pumper. (See Figure 42.) Fire departments also reported that they needed tankers (28%), and command vehicles (SUV) (22%), and wildland brush trucks (22%). Fourteen percent (14%) of departments responded that they currently have no apparatus need.



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 (54%), personal protective equipment (49%), 4-gas monitors (46%), and map coordinate system - GPS (39%). (See Figure 43.) Only 7 percent (7%) 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.

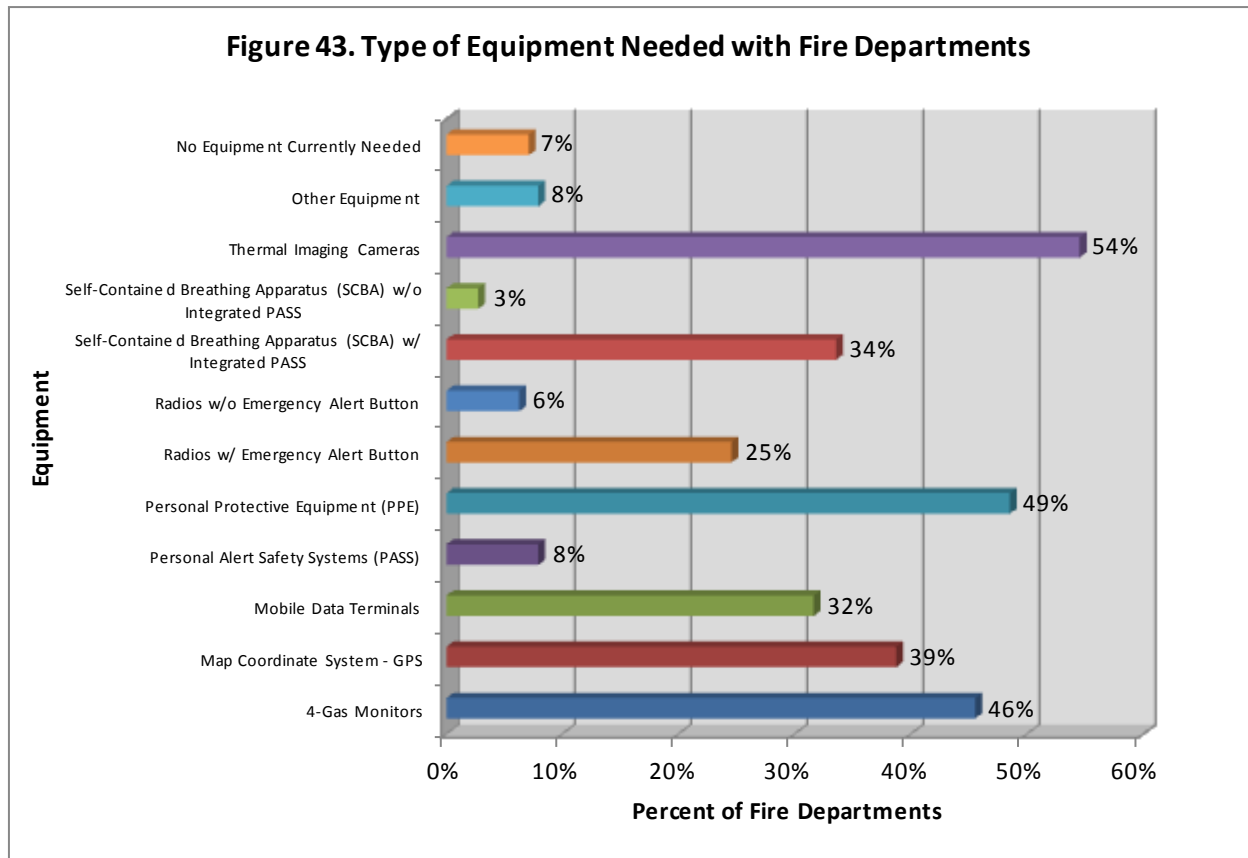


Table 22. Number of Apparatus Needed Reported By VDFP Division

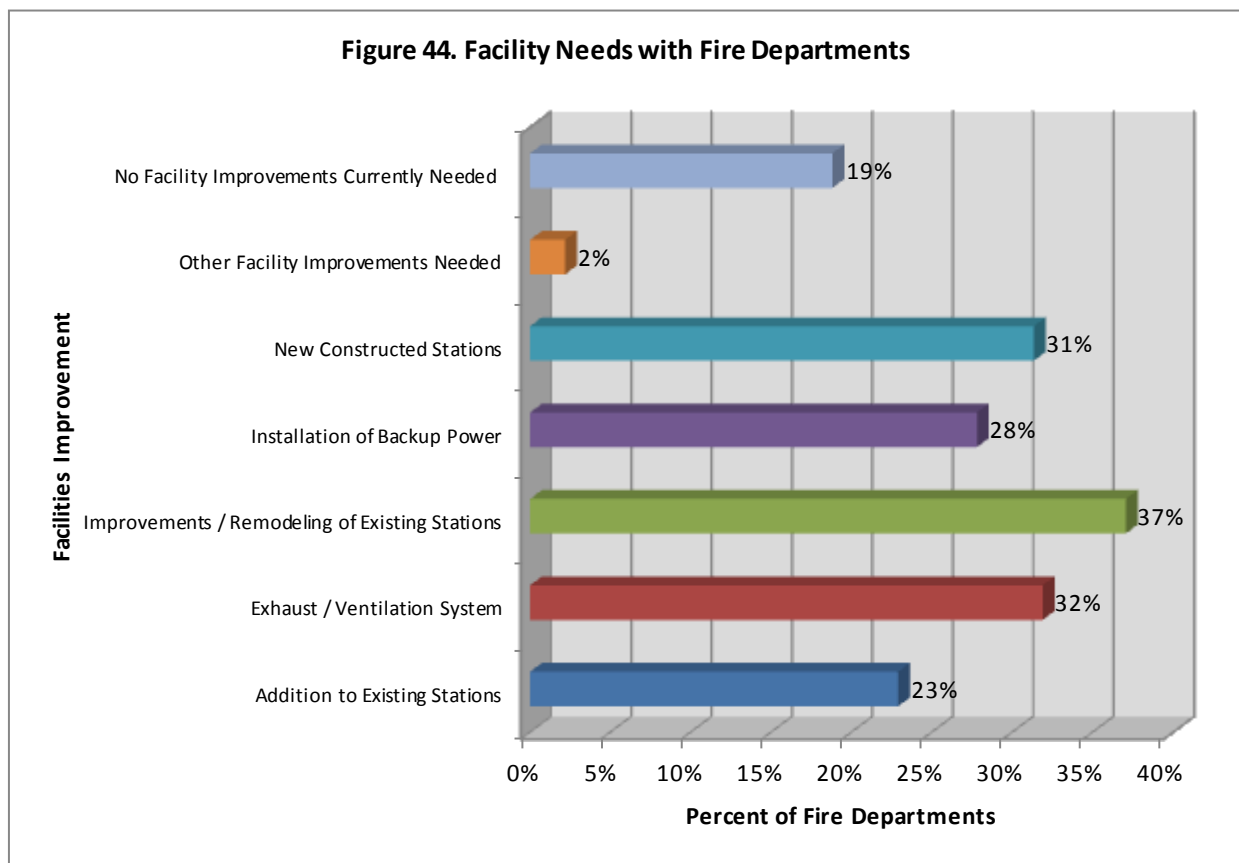
VDFP Division	Aerial Apparatus	Aircraft Rescue and Fire Fighting (ARFF) Vehicle	Ambulance / Other Patient Transport	Command Support Unit	Command Vehicle (SUV)	Engine / Pumper	Fire Bike	Fire / Rescue Boat	Hazardous Materials (HAZMAT) Vehicle	Heavy Technical Rescue Vehicle	Logistical Support Apparatus	Mobile Air Utility	Rehab Unit	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
Division 1 - Richmond	13	1	24	10	15	26	0	8	5	5	7	7	4	5	17	7	2
Division 2 - Orange	9	1	38	0	19	30	12	3	2	2	2	3	0	4	12	5	3
Division 3 - Farmville	8	0	7	4	13	26	0	5	1	3	1	4	3	1	11	16	3
Division 4 - Chilhowie	13	0	12	4	19	50	0	3	7	11	0	5	5	6	32	24	6
Division 5 - Hampton	12	1	17	5	23	29	6	7	3	11	9	1	2	2	12	11	1
Division 6 - Roanoke	8	0	15	3	14	34	0	3	1	5	0	3	2	4	20	15	5
Division 7 - Fairfax	4	0	7	5	4	2	1	0	0	2	0	2	0	0	1	0	0
Grand Total	67	3	120	31	107	197	19	29	19	39	19	25	16	22	105	78	20

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	107	219	183	54	531	997	31	768	0	50	0
Division 2 - Orange	60	85	95	10	130	155	0	25	0	64	3
Division 3 - Farmville	62	71	85	140	475	268	68	631	17	62	15
Division 4 - Chilhowie	91	169	125	163	765	398	95	493	21	92	1
Division 5 - Hampton	72	168	125	86	613	95	51	676	101	99	46
Division 6 - Roanoke	58	79	79	22	424	250	180	933	35	79	22
Division 7 - Fairfax	5	25	2	0	694	2	0	1,336	0	12	332
Grand Total	455	816	694	475	3,632	2,165	425	4,862	174	458	419

Facilities Needed

Facilities was the least reported top need. Thirty-seven percent (37%) of the departments responded that they needed improvements /remodeling to the existing stations. (See Figure 44.) Nineteen percent (19%) 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-four percent (74%) of all departments responded that they need volunteer firefighters and 30 percent (30%) showed a need for paid firefighters. (See Figure 45.) Ten percent (10%) 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.

Figure 45. Type of Personnel Needed with Fire Departments

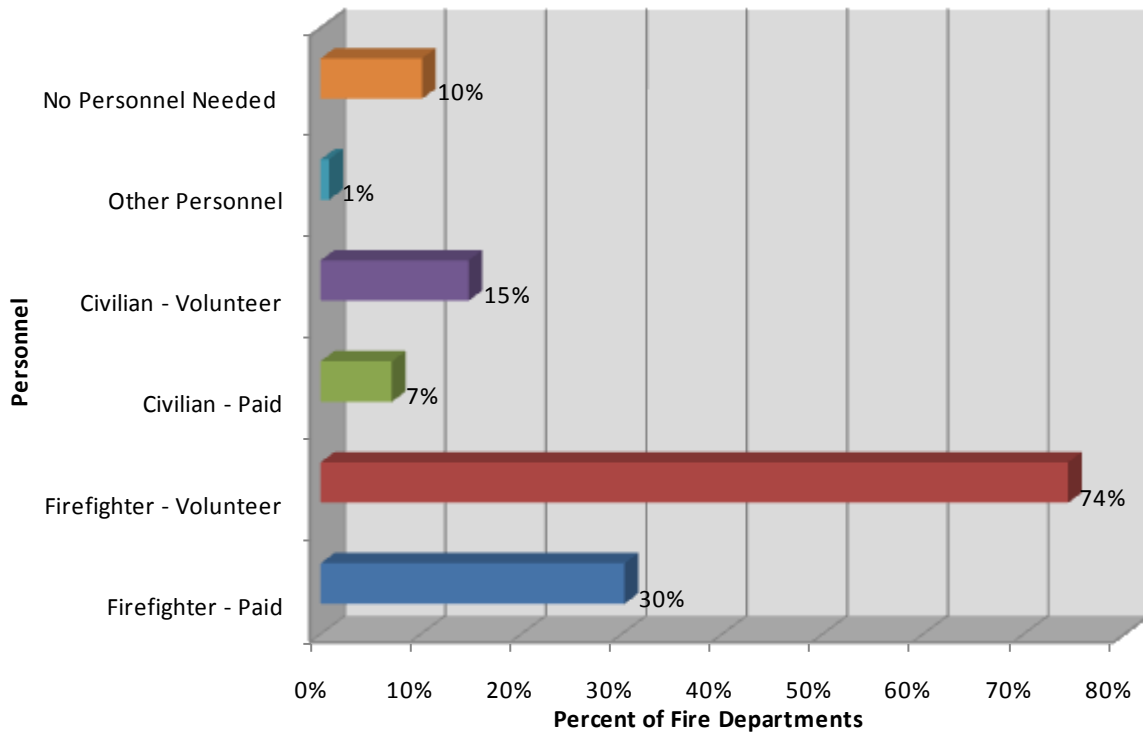


Table 24. Number of Personnel Needed Reported By VDFP Division

VDFP Division	Firefighter - Paid	Firefighter - Volunteer	Civilian - Paid	Civilian - Volunteer	Other Personnel
Division 1 - Richmond	247	310	27	20	3
Division 2 - Orange	263	355	9	40	6
Division 3 - Farmville	54	347	0	45	11
Division 4 - Chilhowie	82	402	0	41	7
Division 5 - Hampton	213	187	18	47	3
Division 6 - Roanoke	156	380	8	19	1
Division 7 - Fairfax	86	27	22	0	0
Grand Total	1101	2008	84	212	31

Training Needed

NFPA Standards

Training is essential in keeping firefighters prepared for an emergency crisis. Fifty-three percent (53%) 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
Hazardous Materials (NFPA 472) - Awareness	1.1%	5.4%	4.4%
Hazardous Materials (NFPA 472) - Operations	1.1%	13.6%	7.9%
Fire Fighter (NFPA 1001) - Level I	53.1%	4.9%	2.5%
Fire Fighter (NFPA 1001) - Level II	7.9%	22.1%	6.3%
Fire Apparatus Driver / Operator (NFPA 1002) - Driver / Pump Operator	9.5%	8.7%	18.8%
Fire Apparatus Driver / Operator (NFPA 1002) - Aerial Operator	2.7%	2.7%	1.6%
Airport Fire Fighter (NFPA 1003)	0.3%	0.0%	0.3%
Fire Officer (NFPA 1021) - Level I	6.3%	6.5%	7.1%
Fire Officer (NFPA 1021) - Level II	1.4%	3.5%	2.7%
Fire Officer (NFPA 1021) - Level III	0.5%	0.5%	0.5%
Fire Officer (NFPA 1021) - Level IV	0.3%	0.3%	0.0%
Fire Inspector (NFPA 1031) - Level I and Level II	0.3%	0.8%	0.5%
Fire Investigator (NFPA 1033)	0.3%	0.8%	1.4%
Fire Service Instructor (NFPA 1041) - Level I	2.5%	3.0%	4.9%
Fire Service Instructor (NFPA 1041) - Level II	0.3%	1.6%	1.4%
Fire Service Instructor (NFPA 1041) - Level III	0.0%	0.0%	1.1%
Public Fire and Life Safety Educator (NFPA 1035) - Level I	0.3%	0.8%	1.4%
Public Fire and Life Safety Educator (NFPA 1035) - Level II	0.0%	0.3%	0.3%
Juvenile Firesetter Intervention Specialist (NFPA 1035) - Level I	0.0%	0.5%	0.5%
Juvenile Firesetter Intervention Specialist (NFPA 1035) - Level II	0.0%	0.0%	0.0%
National Incident Management System (NIMS) Training	0.8%	2.5%	1.1%
Virginia Fire Incident Reporting System (VFIRS) Training	1.1%	0.8%	1.9%
Wildland Firefighting Training	0.8%	4.1%	5.2%
Farm Machinery Extrication	2.2%	4.1%	7.6%
Mayday Firefighter Down	3.0%	5.7%	9.0%
Rapid Intervention Team/Crew (RIT/RIC)	2.7%	4.1%	7.9%
No Training Currently Needed	1.6%	2.5%	3.8%

Technical Rescue

Thirty percent (30%) of fire departments requested Vehicle - Level I training as their #1 top priority with technical rescue. (See Table 26.) Vehicle - Level II was the #2 top training priority selected by fire departments.

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	27.0%	4.6%	9.5%
Introduction to Technical Rescue - Module II	11.7%	15.5%	2.7%
Rope - Level I	11.2%	12.8%	13.4%
Rope - Level II	2.2%	4.4%	3.5%
Confined Space - Level I	1.4%	5.2%	9.5%
Confined Space - Level II	0.5%	2.5%	1.9%
Trench - Level I	1.6%	1.6%	3.3%
Trench - Level II	0.5%	1.4%	1.6%
Surface Water - Level I	3.0%	4.6%	6.5%
Surface Water - Level II	0.0%	1.4%	1.4%
Swift Water - Level I	2.5%	3.8%	5.2%
Swift Water - Level II	0.3%	1.6%	1.4%
Vehicle - Level I	30.0%	16.9%	17.4%
Vehicle - Level II	4.4%	20.2%	16.1%
No Technical Rescue Training Currently Needed	3.8%	3.5%	6.5%

Note: Data was compiled from a total of 186 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	36	452	1	489	25.0	2	0	2
003	Albemarle County	100	300	0	400	40.0	5	30	35
005	Alleghany County	43	144	0	187	109.0	0	39	39
007	Amelia County	0	143	0	143	12.0	0	0	0
009	Amherst County	21	82	0	103	5.5	1	1	2
011	Appomattox County	0	65	0	65	16.0	0	10	10
013	Arlington County	300	0	0	300	73.0	23	0	23
015	Augusta County	83	350	0	433	40.0	2	350	352
017	Bath County	0	81	0	81	18.5	0	0	0
019	Bedford County	35	470	0	505	9.1	2	33	35
021	Bland County	0	60	0	60	6.6	0	47	47
023	Botetourt County	31	164	0	195	15.0	1	25	26
025	Brunswick County	0	127	26	153	13.6	0	41	41
027	Buchanan County	0	140	0	140	7.1	0	42	42
029	Buckingham County	0	94	0	94	6.3	0	28	28
031	Campbell County	34	254	0	288	17.9	32	87	119
033	Caroline County	51	229	0	280	12.0	4	4	8
035	Carroll County	18	40	0	58	10.0	2	0	2
036	Charles City County	0	10	0	10	3.0	0	0	0
037	Charlotte County	0	124	0	124	5.5	0	26	26
041	Chesterfield County	445	90	0	535	112.0	46	2	48
043	Clarke County	26	38	0	64	4.3	1	80	81
045	Craig County	0	57	0	57	18.8	0	20	20
047	Culpeper County	0	189	0	189	6.2	0	40	40
049	Cumberland County	0	46	0	46	8.5	0	11	11
051	Dickenson County	0	62	0	62	6.3	0	1	1
053	Dinwiddie County	2	174	0	176	10.0	1	0	1
057	Essex County	31	55	0	86	9.5	2	0	2
059	Fairfax County	1,342	332	0	1,674	356.0	173	0	173
061	Fauquier County	95	966	0	1,061	4.9	6	151	157
063	Floyd County	0	80	0	80	0.0	0	0	0
065	Fluvanna County	0	130	0	130	15.0	0	12	12
067	Franklin County	52	185	0	237	8.0	2	0	2
069	Frederick County	71	500	0	571	25.0	5	0	5
071	Giles County	0	162	0	162	8.2	0	29	29

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	210	0	210	3.5	1	3	4
075	Goochland County	22	175	0	197	23.0	3	1	4
077	Grayson County	0	123	0	123	9.0	0	36	36
079	Greene County	0	44	0	44	4.0	0	4	4
081	Greensville County *	-	-	-	-	-	-	-	-
083	Halifax County	10	687	0	697	11.3	0	52	52
085	Hanover County	175	250	0	425	30.0	8	0	8
087	Henrico County	540	0	0	540	121.0	22	0	22
089	Henry County	32	150	0	182	50.0	1	200	201
091	Highland County	0	54	0	54	8.0	0	22	22
093	Isle of Wight County	105	117	0	222	12.5	6	24	30
095	James City County	109	65	0	174	40.0	6	1	7
097	King and Queen County	3	117	0	120	10.3	0	92	92
099	King George County	41	50	0	91	8.0	2	5	7
101	King William County	1	120	0	121	5.0	0	0	0
103	Lancaster County	0	133	0	133	11.0	0	2	2
105	Lee County	0	188	0	188	7.9	0	96	96
107	Loudoun County	500	700	0	1,200	300.0	50	0	50
109	Louisa County	67	166	0	233	24.0	0	0	0
111	Lunenburg County	0	127	0	127	15.0	0	8	8
113	Madison County	0	52	0	52	15.0	0	32	32
115	Mathews County	0	80	0	80	20.0	0	0	0
117	Mecklenburg County	2	242	0	244	14.6	0	26	26
119	Middlesex County	0	119	0	119	10.8	0	75	75
121	Montgomery County	7	164	0	171	13.0	1	53	54
125	Nelson County	19	150	0	169	6.6	0	67	67
127	New Kent County	39	57	0	96	5.0	1	23	24
131	Northampton County	0	118	0	118	7.2	0	95	95
133	Northumberland County	0	86	0	86	17.5	0	0	0
135	Nottoway County	1	107	0	108	5.3	0	0	0
137	Orange County	36	150	0	186	30.0	1	0	1
139	Page County	0	163	0	163	18.0	0	18	18
141	Patrick County	1	219	2	222	5.4	0	71	71
143	Pittsylvania County	0	414	0	414	9.8	15	252	267
145	Powhatan County	0	200	0	200	6.0	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	85	0	85	16.7	1	50	51
149	Prince George County	16	125	19	160	22.0	4	0	4
153	Prince William County	530	660	0	1,190	100.0	90	0	90
155	Pulaski County	13	199	21	233	51.5	0	0	0
157	Rappahannock County	0	87	0	87	5.7	0	112	112
159	Richmond County	25	60	0	85	27.0	0	20	20
161	Roanoke County	169	144	0	313	26.5	6	1	7
163	Rockbridge County	0	169	0	169	6.6	0	96	96
165	Rockingham County	84	350	0	434	66.0	2	150	152
167	Russell County	0	144	0	144	8.8	0	64	64
169	Scott County	0	106	0	106	9.0	0	20	20
171	Shenandoah County	46	240	0	286	12.0	2	0	2
173	Smyth County	2	137	24	163	11.4	0	2	2
175	Southampton County	0	253	0	253	13.1	0	40	40
177	Spotsylvania County	182	150	0	332	55.0	9	25	34
179	Stafford County	116	250	0	366	50.0	8	1	9
181	Surry County	2	56	0	58	13.0	0	0	0
183	Sussex County	0	125	0	125	4.2	0	15	15
185	Tazewell County	35	168	67	270	8.3	0	74	74
187	Warren County	26	80	0	106	15.0	2	0	2
191	Washington County	12	196	43	251	6.1	5	27	32
193	Westmoreland County	0	134	0	134	7.3	0	41	41
195	Wise County	0	132	53	185	8.9	0	11	11
197	Wythe County	6	126	15	147	13.8	0	69	69
199	York County	135	6	0	141	34.0	5	13	18
510	Alexandria	161	15	0	176	42.0	31	0	31
520	Bristol	40	0	0	40	10.0	2	0	2
530	Buena Vista	-	-	-	-	-	-	-	-
540	Charlottesville	89	15	0	104	21.0	3	0	3
550	Chesapeake	427	0	0	427	100.0	20	2	22
570	Colonial Heights	45	30	0	75	13.0	4	1	5
580	Covington	0	53	0	53	13.0	0	0	0
590	Danville	120	0	0	120	33.0	3	0	3
595	Emporia	1	45	0	46	10.0	0	0	0
600	Fairfax	80	20	0	100	21.0	10	5	15

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
610	Falls Church	0	40	0	40	5.0	0	10	10
620	Franklin	26	30	0	56	8.0	1	0	1
630	Fredericksburg	55	1	0	56	13.0	2	0	2
640	Galax	0	43	0	43	15.0	0	0	0
650	Hampton	275	100	0	375	65.0	12	0	12
660	Harrisonburg	75	0	0	75	17.0	6	2	8
670	Hopewell	45	0	0	45	11.0	1	0	1
678	Lexington	10	35	0	45	6.0	0	0	0
680	Lynchburg	180	0	0	180	54.0	10	0	10
683	Manassas	60	50	0	110	12.0	1	0	1
685	Manassas Park	27	0	0	27	7.0	1	0	1
690	Martinsville	47	15	0	62	7.0	3	0	3
700	Newport News	359	0	0	359	90.0	19	1	20
710	Norfolk	481	0	0	481	113.0	17	0	17
720	Norton	0	0	35	35	0.0	0	0	0
730	Petersburg	80	0	0	80	21.0	17	0	17
735	Poquoson	27	12	0	39	7.0	1	0	1
740	Portsmouth	207	0	0	207	51.0	42	0	42
750	Radford	11	23	0	34	3.0	0	0	0
760	Richmond	400	0	0	400	120.0	20	0	20
770	Roanoke	241	0	0	241	63.0	7	0	7
775	Salem	-	-	-	-	-	-	-	-
790	Staunton	27	5	18	50	10.0	0	0	0
800	Suffolk	224	175	0	399	60.0	4	0	4
810	Virginia Beach	450	8	0	458	109.0	37	1,179	1,216
820	Waynesboro	33	10	0	43	8.0	1	0	1
830	Williamsburg	34	25	0	59	8.0	2	0	2
840	Winchester	61	25	0	86	12.0	4	75	79
Grand Total		10,323	17,149	324	27,796	17.3	843	4,473	5,316

* This Data was generated from the NFIRS System.

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	Mobile Air Utility	Rehab Unit	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
001	Accomack County	3	0	22	10	1	23	0	0	2	1	0	0	1	0	10	14	0
003	Albemarle County	3	0	18	34	23	19	0	2	2	3	0	3	1	0	11	10	0
005	Alleghany County	1	0	3	2	1	11	0	0	0	0	0	0	0	0	5	6	5
007	Amelia County	0	0	0	0	1	6	0	0	0	1	0	1	0	0	5	5	1
009	Amherst County	0	0	3	2	5	8	0	0	0	0	0	2	0	0	2	3	1
011	Appomattox County	1	0	2	1	1	6	0	0	1	1	0	1	0	0	2	4	1
013	Arlington County	4	0	13	1	16	14	8	2	1	3	1	1	0	0	0	1	29
015	Augusta County	0	0	19	8	19	32	0	0	1	1	0	1	1	1	10	16	17
017	Bath County	1	0	0	1	0	5	0	0	0	0	0	0	0	0	3	4	1
019	Bedford County	3	0	4	9	8	47	0	7	2	8	1	1	1	1	20	42	2
021	Bland County	0	0	0	0	2	7	0	0	0	0	0	0	0	0	5	3	2
023	Botetourt County	0	0	14	1	18	15	0	0	0	3	1	1	0	1	5	7	10
025	Brunswick County	1	0	0	2	1	9	0	1	0	2	0	0	0	0	5	5	0
027	Buchanan County	1	6	3	2	2	14	1	0	2	1	0	0	0	0	10	5	2
029	Buckingham County	0	0	0	0	0	6	0	0	0	2	0	0	0	0	6	9	2
031	Campbell County	1	0	2	2	9	18	0	0	3	2	0	1	1	0	7	9	4
033	Caroline County	1	0	12	1	4	8	0	1	0	2	0	0	0	0	4	6	0
035	Carroll County	0	0	4	1	1	4	0	0	0	1	0	0	0	1	2	2	3
036	Charles City County	0	0	2	1	1	5	0	0	0	0	0	0	0	0	2	1	1
037	Charlotte County	0	0	0	0	2	5	0	0	0	1	0	0	0	0	4	4	1
041	Chesterfield County	7	1	25	2	15	32	4	7	2	3	10	1	2	0	4	10	1
043	Clarke County	1	0	5	1	2	6	0	2	0	1	1	0	0	0	3	3	0
045	Craig County	0	0	0	0	0	5	0	0	0	0	0	0	0	0	3	3	5
047	Culpeper County	1	0	4	2	6	12	0	0	0	2	1	0	0	0	4	5	5
049	Cumberland County	0	0	0	0	1	5	0	0	0	0	0	0	0	0	3	2	0
051	Dickenson County	0	0	0	2	0	6	0	0	0	1	0	0	0	0	4	3	0
053	Dinwiddie County	1	0	6	1	7	7	0	2	1	0	8	1	1	0	5	5	10
057	Essex County	0	0	4	0	1	4	0	0	0	0	0	0	0	0	2	3	1
059	Fairfax County	23	2	78	2	17	66	0	2	3	5	6	5	1	0	6	12	3
061	Fauquier County	2	0	20	7	15	18	0	1	1	5	6	0	1	0	8	10	14
063	Floyd County	0	0	0	0	4	8	0	0	2	0	0	0	0	0	5	8	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	Mobile Air Utility	Rehab Unit	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
065	Fluvanna County	0	0	0	1	5	8	0	0	2	1	1	1	0	1	4	4	1
067	Franklin County	1	0	18	1	8	12	0	0	1	0	0	1	1	0	14	8	0
069	Frederick County	3	0	22	1	6	0	0	2	1	3	0	1	0	1	4	10	0
071	Giles County	0	0	0	1	2	13	0	1	0	0	1	1	0	0	4	6	1
073	Gloucester County	1	0	9	1	1	10	0	4	0	3	4	1	1	1	2	4	4
075	Goochland County	2	0	10	1	4	9	0	3	1	4	0	1	1	0	6	7	0
077	Grayson County	0	0	5	0	1	10	0	3	1	1	2	1	0	0	7	7	2
079	Greene County	0	0	0	0	1	5	0	0	0	0	0	0	0	0	2	2	4
081	Greensville County *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
083	Halifax County	1	0	7	3	8	15	0	0	1	1	1	0	2	1	10	12	6
085	Hanover County	3	1	21	1	5	15	0	1	0	4	1	1	0	0	8	7	0
087	Henrico County	7	0	20	0	9	25	20	6	3	1	3	1	1	0	5	6	15
089	Henry County	2	0	2	1	8	17	0	0	0	0	4	1	0	0	8	7	0
091	Highland County	0	0	1	1	0	4	0	0	0	0	0	0	0	0	2	5	2
093	Isle of Wight County	1	0	1	2	4	9	0	3	0	1	0	0	0	0	3	4	1
095	James City County	1	0	8	0	4	8	4	3	0	1	0	0	0	1	1	2	0
097	King and Queen County	0	0	3	0	4	6	0	0	0	1	0	0	0	0	4	2	0
099	King George County	0	0	6	0	5	4	0	2	0	0	1	0	1	0	3	2	0
101	King William County	0	0	8	1	2	5	0	1	0	0	0	0	0	1	4	4	0
103	Lancaster County	1	0	0	0	0	8	0	0	0	0	0	1	0	0	6	3	3
105	Lee County	0	0	1	1	1	15	0	0	0	3	0	0	0	1	7	7	0
107	Loudoun County	9	0	41	2	9	42	0	7	3	5	8	1	2	2	15	13	8
109	Louisa County	2	0	16	6	11	15	0	4	2	1	3	1	2	2	6	8	0
111	Lunenburg County	0	0	5	3	0	6	0	0	0	2	0	1	0	0	6	4	2
113	Madison County	0	0	0	1	1	3	0	0	1	0	0	0	0	0	1	3	0
115	Mathews County	0	0	0	0	0	7	0	0	0	1	0	0	0	0	0	1	0
117	Mecklenburg County	2	0	0	2	6	23	0	0	5	0	0	2	0	1	10	9	4
119	Middlesex County	1	0	0	0	2	7	0	0	0	1	0	1	0	0	8	3	1
121	Montgomery County	3	1	0	6	15	16	0	2	1	1	1	1	0	2	9	11	3
125	Nelson County	1	0	6	1	2	17	0	0	0	1	1	1	0	0	8	9	3
127	New Kent County	0	0	9	1	3	4	4	1	1	2	3	0	0	2	2	4	4

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	Mobile Air Utility	Rehab Unit	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
131	Northampton County	1	0	3	2	2	8	0	0	0	1	2	0	0	0	7	4	0
133	Northumberland County	0	0	0	1	1	4	0	0	0	0	1	0	0	1	4	4	0
135	Nottoway County	1	0	1	1	1	8	0	0	1	2	0	0	0	0	2	4	4
137	Orange County	2	0	8	4	6	8	0	0	0	0	0	0	0	0	5	5	0
139	Page County	1	0	0	2	3	9	0	2	0	1	0	1	1	0	4	4	8
141	Patrick County	1	0	0	0	6	20	0	0	2	1	1	1	0	0	10	10	6
143	Pittsylvania County	2	0	18	4	4	33	0	0	0	4	2	1	0	0	23	17	7
145	Powhatan County	0	0	0	8	2	7	0	0	0	1	0	0	0	0	5	4	2
147	Prince Edward County	1	0	0	3	1	7	0	0	1	0	0	1	0	0	5	3	0
149	Prince George County	2	0	6	0	10	12	0	1	1	1	1	2	1	1	4	11	0
153	Prince William County	9	0	45	1	40	38	0	7	2	6	5	1	2	0	6	10	0
155	Pulaski County	1	0	0	1	8	15	0	0	1	1	7	1	2	0	8	9	5
157	Rappahannock County	1	0	7	0	3	10	0	0	1	0	0	1	0	1	5	6	4
159	Richmond County	0	0	3	3	2	3	0	0	0	0	0	0	1	0	4	1	3
161	Roanoke County	4	0	17	0	11	18	0	0	0	1	1	1	0	0	6	9	16
163	Rockbridge County	0	0	2	4	3	14	0	0	0	1	2	0	0	0	6	7	6
165	Rockingham County	3	0	26	1	10	22	0	1	1	3	0	1	0	0	10	11	0
167	Russell County	0	0	3	7	1	9	0	1	1	0	0	0	0	0	10	4	2
169	Scott County	2	0	4	2	1	11	0	2	3	0	0	0	0	0	7	7	2
171	Shenandoah County	3	0	17	8	4	18	0	2	1	0	2	0	1	0	3	7	0
173	Smyth County	2	0	3	1	6	16	2	1	0	2	1	1	0	3	6	8	1
175	Southampton County	0	0	4	0	1	19	0	0	0	2	2	1	1	0	3	7	2
177	Spotsylvania County	2	0	24	0	15	20	0	2	1	3	3	0	2	0	5	8	0
179	Stafford County	2	0	23	0	10	14	0	7	1	4	4	1	1	2	5	8	5
181	Surry County	0	0	0	0	1	5	0	0	0	0	1	0	0	0	3	2	1
183	Sussex County	0	0	0	1	1	11	0	0	1	1	0	1	0	0	4	7	1
185	Tazewell County	2	0	10	5	9	25	0	0	2	1	1	0	0	0	9	5	4
187	Warren County	0	0	13	0	1	15	0	4	0	1	0	1	0	2	6	9	0
191	Washington County	2	0	4	4	11	18	0	0	0	3	1	1	0	0	8	10	5
193	Westmoreland County	1	0	0	3	2	7	0	4	1	1	1	1	1	0	6	6	6
195	Wise County	1	0	3	3	4	18	0	3	3	2	2	1	0	0	3	6	2

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	Mobile Air Utility	Rehab Unit	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
197	Wythe County	1	0	0	1	1	14	0	0	2	0	1	1	0	0	8	8	4
199	York County	2	0	10	1	2	9	4	2	1	1	0	0	0	0	2	2	23
510	Alexandria	6	0	13	0	9	13	6	3	4	2	9	1	1	0	0	0	61
520	Bristol	1	0	0	0	1	3	0	0	2	1	0	1	1	1	0	0	2
530	Buena Vista	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
540	Charlottesville	2	0	0	0	4	7	0	0	1	0	0	1	0	0	0	1	1
550	Chesapeake	4	0	12	1	3	22	0	1	2	1	2	1	6	0	0	3	10
570	Colonial Heights	0	0	5	0	6	3	0	0	1	1	0	0	0	1	0	1	0
580	Covington	1	0	0	2	1	3	0	0	2	0	1	0	0	0	0	1	0
590	Danville	2	0	0	2	3	9	0	0	1	0	2	1	0	1	1	1	0
595	Emporia	1	0	0	1	2	3	0	3	0	1	0	0	0	0	1	1	0
600	Fairfax	1	0	4	1	3	4	4	2	0	2	0	0	0	0	0	0	4
610	Falls Church	0	0	2	0	2	1	4	0	0	0	0	1	1	0	0	0	0
620	Franklin	0	0	4	0	2	3	0	2	0	1	0	0	0	1	1	2	0
630	Fredericksburg	2	0	3	1	4	3	0	0	2	0	0	0	0	0	0	0	6
640	Galax	1	0	1	1	1	4	0	2	1	1	0	0	0	0	1	2	0
650	Hampton	6	0	15	1	9	17	0	2	2	0	25	0	0	0	0	2	0
660	Harrisonburg	3	0	0	1	1	7	0	0	1	1	0	0	0	0	0	1	0
670	Hopewell	0	0	3	1	1	4	0	1	1	1	4	0	0	1	0	0	0
678	Lexington	1	0	4	0	2	4	0	0	0	0	1	0	0	0	0	1	3
680	Lynchburg	3	0	9	1	3	11	6	2	1	3	1	0	0	0	0	2	0
683	Manassas	1	0	4	1	6	3	0	0	0	1	0	0	0	0	0	0	0
685	Manassas Park	0	0	2	2	3	2	0	0	1	0	0	0	0	1	0	0	0
690	Martinsville	0	0	3	0	3	3	0	0	0	0	0	0	0	1	0	0	1
700	Newport News	3	2	15	0	6	15	0	2	2	5	3	0	1	5	0	2	4
710	Norfolk	10	0	19	2	4	20	8	7	2	3	32	0	1	0	0	0	42
720	Norton	1	0	0	0	1	2	0	0	1	1	2	0	0	0	0	1	0
730	Petersburg	2	0	2	1	10	6	0	0	1	1	1	1	0	1	0	1	1
735	Poquoson	0	0	4	0	1	3	0	3	0	0	1	0	0	1	0	1	0
740	Portsmouth	3	0	5	0	2	13	0	2	2	1	1	0	1	3	0	0	0
750	Radford	1	0	0	0	1	3	0	0	2	0	0	0	0	0	0	1	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	Mobile Air Utility	Rehab Unit	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
760	Richmond	2	0	0	0	6	5	12	5	2	2	1	1	0	20	2	2	18
770	Roanoke	4	0	9	5	3	9	0	0	1	1	0	1	0	1	0	0	0
775	Salem	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
790	Staunton	1	0	0	0	4	3	0	0	0	1	1	0	0	0	0	1	0
800	Suffolk	3	0	12	1	3	14	0	0	0	1	0	1	1	0	1	1	0
810	Virginia Beach	11	0	0	1	8	29	0	5	2	4	3	3	0	1	2	9	0
820	Waynesboro	1	0	0	0	1	4	0	0	1	0	0	0	0	0	0	0	0
830	Williamsburg	1	0	3	0	1	3	6	1	1	0	4	0	1	0	0	0	7
840	Winchester	2	0	6	1	1	6	0	0	2	0	0	0	1	0	0	0	6
Grand Total		225	13	895	231	614	1,498	93	152	114	167	204	71	49	69	545	654	470

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	1	142	300	250	0	142	10	12	0
003	Albemarle County	22	20	0	0	500	549	0	230	0	23	0
005	Alleghany County	6	8	2	0	180	0	68	87	0	9	0
007	Amelia County	6	2	5	30	150	35	0	35	5	6	0
009	Amherst County	4	1	0	0	81	95	7	75	0	9	0
011	Appomattox County	8	8	1	43	65	105	0	43	0	4	0
013	Arlington County	24	20	81	0	620	480	0	350	0	20	0
015	Augusta County	12	30	56	320	320	130	25	320	0	25	0
017	Bath County	3	0	0	17	53	45	25	28	2	3	0
019	Bedford County	38	23	22	250	513	459	535	496	0	28	0
021	Bland County	2	2	0	44	49	0	61	38	4	3	1
023	Botetourt County	25	20	0	0	175	325	0	175	0	8	0
025	Brunswick County	5	1	1	23	136	31	33	73	0	4	0
027	Buchanan County	3	3	0	29	137	38	68	69	23	4	2
029	Buckingham County	4	3	0	14	96	60	43	36	4	4	0
031	Campbell County	11	21	0	51	311	496	148	208	0	15	0
033	Caroline County	8	16	20	60	112	120	0	60	0	5	0
035	Carroll County	3	0	0	6	63	30	25	42	0	2	0
036	Charles City County	1	2	3	0	25	0	16	20	3	1	0
037	Charlotte County	3	1	0	27	124	48	30	29	12	3	0
041	Chesterfield County	44	75	150	325	980	732	0	325	0	45	0
043	Clarke County	5	8	0	0	75	55	0	63	0	4	0
045	Craig County	2	4	0	24	61	12	57	32	2	3	0
047	Culpeper County	12	12	0	113	206	106	0	142	0	14	0
049	Cumberland County	0	0	0	6	40	7	18	23	0	1	0
051	Dickenson County	4	4	0	57	85	32	42	57	0	6	0
053	Dinwiddie County	6	15	0	105	200	127	0	105	0	6	0
057	Essex County	4	2	4	0	58	42	0	30	0	3	0
059	Fairfax County	186	419	419	0	3,100	1,050	0	1,004	0	109	0
061	Fauquier County	25	38	15	68	504	309	3	484	0	23	0
063	Floyd County	5	8	0	0	80	80	0	40	0	5	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
065	Fluvanna County	9	0	6	40	155	0	132	61	0	7	0
067	Franklin County	2	8	1	88	172	0	260	88	0	7	0
069	Frederick County	8	10	0	50	300	200	100	100	50	10	0
071	Giles County	4	8	0	72	166	14	74	86	0	9	0
073	Gloucester County	13	8	0	50	300	221	6	100	0	13	1
075	Goochland County	11	4	65	0	175	75	0	135	0	11	0
077	Grayson County	3	3	1	10	121	30	61	59	5	9	0
079	Greene County	5	0	0	0	25	0	32	33	0	3	0
081	Greensville County *	-	-	-	-	-	-	-	-	-	-	-
083	Halifax County	11	21	4	93	295	123	96	150	45	29	0
085	Hanover County	16	30	0	0	500	135	0	200	0	15	0
087	Henrico County	40	30	175	200	600	500	0	200	0	35	0
089	Henry County	10	0	0	0	200	75	10	120	0	8	0
091	Highland County	1	0	0	0	31	15	55	10	12	1	1
093	Isle of Wight County	6	2	9	0	99	25	35	75	0	7	0
095	James City County	13	6	30	103	215	185	0	103	0	6	0
097	King and Queen County	2	10	3	24	108	58	6	31	0	5	0
099	King George County	9	20	20	0	112	82	0	60	0	6	0
101	King William County	4	4	6	0	120	222	0	42	0	4	0
103	Lancaster County	4	1	0	54	100	0	57	60	6	5	0
105	Lee County	4	4	0	72	191	15	66	81	25	5	0
107	Loudoun County	41	36	127	0	2,700	860	0	637	0	35	0
109	Louisa County	14	20	20	0	166	166	100	100	0	14	0
111	Lunenburg County	15	3	0	62	134	73	40	63	0	5	0
113	Madison County	1	0	0	0	60	38	0	23	0	2	0
115	Mathews County	1	5	0	0	90	0	20	36	0	3	0
117	Mecklenburg County	13	5	0	81	278	3	159	151	0	13	1
119	Middlesex County	6	0	0	48	99	55	0	62	0	7	0
121	Montgomery County	12	7	1	84	176	79	110	176	0	17	10
125	Nelson County	7	10	3	37	109	20	99	108	5	8	0
127	New Kent County	12	10	16	0	100	180	0	0	65	4	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
131	Northampton County	4	0	0	39	95	57	2	65	0	3	0
133	Northumberland County	4	2	0	0	86	52	0	36	0	6	0
135	Nottoway County	3	0	0	0	119	14	35	71	0	6	0
137	Orange County	8	0	0	0	180	140	0	120	0	8	0
139	Page County	5	3	0	76	135	25	30	46	0	6	0
141	Patrick County	10	6	1	76	208	39	153	125	6	11	0
143	Pittsylvania County	24	16	12	143	483	409	58	267	16	24	0
145	Powhatan County	6	1	5	0	200	50	0	61	0	6	0
147	Prince Edward County	7	7	0	16	90	45	23	51	0	6	0
149	Prince George County	12	12	15	150	250	200	0	150	0	12	0
153	Prince William County	100	70	320	0	2,500	1,200	0	1,100	0	64	0
155	Pulaski County	6	7	1	1	243	27	39	147	0	14	0
157	Rappahannock County	19	7	2	51	117	93	15	102	4	7	0
159	Richmond County	0	4	4	25	95	50	0	25	0	3	0
161	Roanoke County	13	39	15	156	290	94	0	179	0	14	0
163	Rockbridge County	9	12	14	74	180	39	91	76	6	14	0
165	Rockingham County	16	0	0	0	440	460	0	265	0	30	0
167	Russell County	10	0	0	5	169	96	57	77	9	9	0
169	Scott County	7	15	0	42	101	32	84	73	2	6	1
171	Shenandoah County	12	5	21	0	280	0	130	140	0	18	0
173	Smyth County	9	0	0	73	176	192	31	89	16	10	0
175	Southampton County	6	3	2	120	252	142	5	144	10	9	0
177	Spotsylvania County	28	0	0	225	350	465	0	225	0	20	0
179	Stafford County	24	12	76	0	350	370	0	216	0	25	0
181	Surry County	3	3	0	26	46	45	1	22	4	3	0
183	Sussex County	4	6	0	16	140	0	69	47	25	5	0
185	Tazewell County	12	6	0	52	330	146	29	145	23	8	0
187	Warren County	15	10	0	110	200	160	0	110	0	14	0
191	Washington County	14	19	3	14	196	80	160	120	0	11	0
193	Westmoreland County	8	0	1	56	143	140	0	78	0	7	0
195	Wise County	8	13	5	56	198	48	133	109	2	9	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
197	Wythe County	10	3	0	51	136	21	115	106	10	9	1
199	York County	12	5	5	0	141	197	0	101	0	14	0
510	Alexandria	19	76	67	0	330	88	108	310	0	18	0
520	Bristol	6	3	0	25	40	0	0	25	0	4	0
530	Buena Vista	-	-	-	-	-	-	-	-	-	-	-
540	Charlottesville	14	6	3	2	185	50	10	65	6	20	0
550	Chesapeake	7	11	50	0	550	1,000	5	235	0	23	0
570	Colonial Heights	4	0	0	0	70	24	0	36	0	5	0
580	Covington	2	0	0	31	60	2	30	31	0	2	0
590	Danville	7	12	12	0	114	50	0	56	0	8	0
595	Emporia	0	0	0	0	50	0	25	35	0	4	0
600	Fairfax	4	6	12	50	160	40	0	50	0	10	0
610	Falls Church	1	0	0	0	40	10	10	10	0	0	0
620	Franklin	1	3	0	2	60	60	0	30	2	3	0
630	Fredericksburg	7	3	13	48	56	58	0	48	0	3	0
640	Galax	0	2	2	37	44	0	44	37	0	6	0
650	Hampton	25	61	68	1	559	359	0	135	0	18	10
660	Harrisonburg	9	5	12	45	150	45	0	45	0	23	0
670	Hopewell	6	4	4	0	45	16	0	25	0	4	0
678	Lexington	6	13	13	0	40	58	0	38	0	4	0
680	Lynchburg	8	20	20	0	200	80	0	110	0	13	0
683	Manassas	12	5	20	0	200	70	0	50	0	4	0
685	Manassas Park	3	3	5	0	50	20	0	25	0	3	0
690	Martinsville	3	0	0	0	40	40	0	36	0	2	0
700	Newport News	15	17	74	212	400	385	0	204	0	30	0
710	Norfolk	10	94	94	203	571	232	105	203	36	30	0
720	Norton	1	1	0	0	70	30	10	18	0	5	0
730	Petersburg	6	1	0	0	80	72	0	60	0	4	0
735	Poquoson	2	0	0	0	42	41	0	33	0	2	0
740	Portsmouth	8	21	29	0	220	107	0	131	0	14	0
750	Radford	3	0	0	0	35	0	20	33	0	2	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
760	Richmond	7	84	78	0	1,124	156	28	383	6	20	0
770	Roanoke	7	23	23	0	241	118	0	88	0	18	0
775	Salem	-	-	-	-	-	-	-	-	-	-	-
790	Staunton	4	8	8	40	77	24	15	40	0	8	0
800	Suffolk	16	0	0	0	0	60	0	90	0	14	0
810	Virginia Beach	15	73	73	169	500	470	0	388	0	45	1
820	Waynesboro	4	10	10	41	70	36	0	41	0	6	0
830	Williamsburg	3	7	0	30	66	55	0	30	0	5	0
840	Winchester	5	0	0	0	61	0	26	61	0	4	0
Grand Total		1,459	1,890	2,459	5,511	32,815	18,281	4,418	15,934	461	1,505	29

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

FIPS	Locality	Apparatus	Equipment	Facilities	Personnel	Training	2014 Census Population	Total Additional Funding
001	Accomack County	0%	0%	0%	100%	0%	33,021	\$1,000,000
003	Albemarle County	0%	0%	0%	100%	0%	104,489	\$9,000,000
005	Alleghany County	0%	40%	20%	20%	20%	15,820	\$1,798,370
007	Amelia County	0%	0%	0%	0%	100%	12,855	\$800,000
009	Amherst County	0%	0%	0%	50%	50%	32,041	\$8,032,000
011	Appomattox County	0%	100%	0%	0%	0%	15,279	\$190,090
013	Arlington County	0%	0%	0%	100%	0%	226,908	\$4,050,000
015	Augusta County	0%	0%	0%	100%	0%	73,862	\$3,350,000
017	Bath County	50%	0%	0%	50%	0%	4,563	\$1,232,500
019	Bedford County	22%	22%	0%	44%	11%	76,583	\$11,039,201
021	Bland County	0%	0%	80%	20%	0%	6,625	\$837,000
023	Botetourt County	0%	0%	0%	100%	0%	33,100	\$7,015,000
025	Brunswick County	60%	0%	20%	20%	0%	16,498	\$32,892,500
027	Buchanan County	14%	14%	14%	29%	29%	23,106	\$2,542,500
029	Buckingham County	0%	0%	0%	100%	0%	16,913	\$147,030
031	Campbell County	13%	13%	25%	0%	50%	54,885	\$2,935,200
033	Caroline County	100%	0%	0%	0%	0%	29,778	\$1,880,000
035	Carroll County	50%	0%	50%	0%	0%	29,621	\$3,246,000
036	Charles City County	0%	0%	0%	100%	0%	7,023	\$30,000
037	Charlotte County	25%	25%	50%	0%	0%	12,225	\$1,863,000
041	Chesterfield County	0%	0%	0%	0%	100%	332,499	\$7,330,200
043	Clarke County	25%	25%	25%	25%	0%	14,423	\$1,380,000
045	Craig County	50%	25%	0%	25%	0%	5,234	\$691,500
047	Culpeper County	20%	0%	20%	60%	0%	49,166	\$5,773,000
049	Cumberland County	0%	0%	50%	50%	0%	9,827	\$1,130,000
051	Dickenson County	67%	0%	33%	0%	0%	15,308	\$12,173,000
053	Dinwiddie County	0%	0%	0%	100%	0%	27,859	\$2,000,000
057	Essex County	0%	0%	0%	50%	50%	11,103	\$200,000
059	Fairfax County	0%	0%	0%	100%	0%	1,137,538	\$42,000,000
061	Fauquier County	9%	0%	45%	36%	9%	68,248	\$28,200,000
063	Floyd County	100%	0%	0%	0%	0%	15,578	\$5,030,000
065	Fluvanna County	0%	50%	0%	50%	0%	26,092	\$1,230,000
067	Franklin County	0%	100%	0%	0%	0%	56,358	\$18,995,000
069	Frederick County	0%	0%	0%	100%	0%	82,377	\$15,000,000
071	Giles County	17%	50%	33%	0%	0%	16,815	\$1,449,500
073	Gloucester County	50%	0%	0%	50%	0%	37,141	\$780,000
075	Goochland County	0%	0%	0%	100%	0%	21,936	\$5,050,000

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
077	Grayson County	20%	20%	0%	20%	40%	15,093	\$922,000
079	Greene County	0%	0%	0%	100%	0%	19,031	\$70,000
081	Greensville County *	-	-	-	-	-	11,681	-
083	Halifax County	27%	9%	9%	45%	9%	35,200	\$10,446,530
085	Hanover County	0%	0%	0%	100%	0%	101,918	\$1,750,000
087	Henrico County	0%	0%	0%	100%	0%	321,924	\$12,400,000
089	Henry County	0%	0%	0%	100%	0%	52,081	\$2,250,000
091	Highland County	0%	0%	50%	50%	0%	2,248	\$244,000
093	Isle of Wight County	25%	0%	25%	25%	25%	36,007	\$10,911,500
095	James City County	0%	0%	0%	100%	0%	72,583	\$2,390,000
097	King and Queen County	0%	0%	25%	50%	25%	7,175	\$2,985,000
099	King George County	0%	0%	0%	100%	0%	25,371	\$8,025,000
101	King William County	0%	0%	0%	100%	0%	16,186	\$1,560,000
103	Lancaster County	0%	67%	0%	0%	33%	11,044	\$982,000
105	Lee County	13%	13%	13%	13%	50%	24,951	\$1,802,000
107	Loudoun County	0%	0%	0%	100%	0%	363,050	\$2,900,000
109	Louisa County	0%	0%	0%	100%	0%	34,348	\$1,700,000
111	Lunenburg County	33%	33%	0%	33%	0%	12,466	\$888,000
113	Madison County	100%	0%	0%	0%	0%	13,157	\$5,000
115	Mathews County	0%	100%	0%	0%	0%	8,836	\$320,000
117	Mecklenburg County	38%	13%	13%	38%	0%	31,192	\$1,481,000
119	Middlesex County	100%	0%	0%	0%	0%	10,696	\$2,765,000
121	Montgomery County	20%	0%	20%	20%	40%	97,244	\$2,825,251
125	Nelson County	0%	29%	29%	43%	0%	14,850	\$4,263,000
127	New Kent County	0%	0%	0%	100%	0%	20,021	\$3,826,000
131	Northampton County	0%	40%	0%	40%	20%	12,121	\$2,510,500
133	Northumberland County	0%	0%	50%	0%	50%	12,251	\$110,000
135	Nottoway County	0%	0%	0%	33%	67%	15,579	\$507,000
137	Orange County	0%	0%	0%	100%	0%	35,026	\$3,880,000
139	Page County	100%	0%	0%	0%	0%	23,848	\$2,565,000
141	Patrick County	22%	11%	0%	56%	11%	18,264	\$2,791,000
143	Pittsylvania County	18%	6%	18%	35%	24%	62,383	\$8,499,000
145	Powhatan County	100%	0%	0%	0%	0%	28,449	\$1,050,000
147	Prince Edward County	0%	0%	0%	33%	67%	23,074	\$458,500
149	Prince George County	0%	0%	0%	100%	0%	37,333	\$6,150,000
153	Prince William County	0%	0%	0%	100%	0%	446,094	\$0
155	Pulaski County	50%	0%	0%	50%	0%	34,322	\$6,025,000

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
157	Rappahannock County	0%	0%	17%	83%	0%	7,361	\$3,312,500
159	Richmond County	50%	0%	0%	50%	0%	8,902	\$2,530,000
161	Roanoke County	0%	0%	0%	100%	0%	93,785	\$15,920,000
163	Rockbridge County	14%	29%	14%	43%	0%	22,327	\$1,549,000
165	Rockingham County	0%	0%	0%	100%	0%	78,171	\$3,600,000
167	Russell County	33%	0%	17%	17%	33%	28,023	\$2,068,500
169	Scott County	20%	40%	20%	0%	20%	22,384	\$947,000
171	Shenandoah County	0%	0%	0%	100%	0%	43021	\$4,610,000
173	Smyth County	29%	14%	14%	29%	14%	31,555	\$5,329,000
175	Southampton County	38%	0%	13%	25%	25%	18,059	\$3,601,500
177	Spotsylvania County	0%	0%	0%	0%	100%	129,188	\$4,500,000
179	Stafford County	100%	0%	0%	0%	0%	139,992	\$750,006
181	Surry County	0%	50%	50%	0%	0%	6,790	\$100,437,500
183	Sussex County	0%	20%	0%	60%	20%	11,767	\$1,255,000
185	Tazewell County	42%	8%	25%	25%	0%	43,452	\$8,242,500
187	Warren County	0%	0%	0%	100%	0%	38,987	\$4,300,000
191	Washington County	13%	0%	0%	13%	75%	54,729	\$5,812,000
193	Westmoreland County	0%	50%	25%	25%	0%	17,477	\$1,223,000
195	Wise County	43%	29%	0%	14%	14%	39,935	\$3,829,000
197	Wythe County	17%	17%	17%	17%	33%	29,121	\$4,955,000
199	York County	0%	0%	0%	100%	0%	66,342	\$8,350,000
510	Alexandria	0%	0%	0%	100%	0%	150,575	\$54,400,000
520	Bristol	100%	0%	0%	0%	0%	17,184	\$1,225,000
530	Buena Vista	-	-	-	-	-	6,603	-
540	Charlottesville	0%	0%	100%	0%	0%	45,593	\$0
550	Chesapeake	0%	0%	100%	0%	0%	233,371	\$34,500,000
570	Colonial Heights	0%	0%	0%	0%	100%	17,731	\$632,000
580	Covington	100%	0%	0%	0%	0%	5,802	\$800,000
590	Danville	0%	0%	0%	100%	0%	42,444	\$2,775,000
595	Emporia	0%	0%	0%	100%	0%	5,462	\$35,000
600	Fairfax	0%	0%	0%	0%	100%	24,483	\$8,950,000
610	Falls Church	0%	0%	0%	100%	0%	13,601	\$0
620	Franklin	0%	0%	0%	100%	0%	8,526	\$5,070,000
630	Fredericksburg	0%	0%	0%	100%	0%	28,350	\$870,000
640	Galax	0%	0%	0%	100%	0%	7,014	\$625,000
650	Hampton	0%	0%	0%	0%	100%	136,879	\$0
660	Harrisonburg	0%	0%	0%	0%	100%	52,478	\$1,500,000

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
670	Hopewell	0%	100%	0%	0%	0%	22,196	\$1,550,000
678	Lexington	0%	0%	0%	100%	0%	7,311	\$2,140,000
680	Lynchburg	0%	0%	100%	0%	0%	79,047	\$2,000,000
683	Manassas	0%	0%	100%	0%	0%	42,081	\$15,225,000
685	Manassas Park	0%	0%	0%	100%	0%	15,174	\$137,000
690	Martinsville	0%	0%	0%	100%	0%	13,711	\$92,500
700	Newport News	0%	0%	0%	100%	0%	182,965	\$9,450,000
710	Norfolk	0%	100%	0%	0%	0%	245,428	\$2,125,000
720	Norton	0%	0%	100%	0%	0%	4,031	\$5,420,000
730	Petersburg	0%	100%	0%	0%	0%	32,701	\$23,100,000
735	Poquoson	0%	0%	0%	100%	0%	12,048	\$1,450,000
740	Portsmouth	0%	0%	0%	100%	0%	96,004	\$3,900,000
750	Radford	0%	0%	0%	100%	0%	17,646	\$1,070,000
760	Richmond	100%	0%	0%	0%	0%	217,853	\$48,100,000
770	Roanoke	100%	0%	0%	0%	0%	99,428	\$16,852,000
775	Salem	-	-	-	-	-	25,483	-
790	Staunton	0%	0%	0%	100%	0%	24,538	\$4,900,000
800	Suffolk	0%	0%	0%	0%	100%	86,806	\$7,700,000
810	Virginia Beach	0%	0%	0%	100%	0%	450,980	\$7,145,000
820	Waynesboro	0%	0%	0%	100%	0%	21,366	\$6,575,000
830	Williamsburg	0%	0%	0%	0%	100%	14,691	\$560,000
840	Winchester	0%	0%	0%	100%	0%	27,543	\$2,800,000
Grand Total		20%	13%	14%	37%	16%	8,326,289	\$815,345,385

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	Mobile Air Utility	Rehab Unit	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
001	Accomack County	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
003	Albemarle County	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
005	Alleghany County	0	0	1	0	2	2	0	0	0	0	0	0	0	0	2	2	1
007	Amelia County	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0
009	Amherst County	2	0	0	0	2	2	0	1	0	0	1	0	0	0	1	0	0
011	Appomattox County	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0
013	Arlington County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
015	Augusta County	0	0	2	0	1	1	0	0	0	0	0	0	0	1	0	0	0
017	Bath County	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1
019	Bedford County	3	0	2	0	0	10	0	0	0	1	0	1	0	1	1	2	0
021	Bland County	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	4	0
023	Botetourt County	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0
025	Brunswick County	1	0	0	0	0	5	0	0	0	1	0	0	0	0	2	1	0
027	Buchanan County	1	0	1	0	1	6	0	0	0	1	0	0	0	0	2	0	1
029	Buckingham County	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
031	Campbell County	1	0	0	0	3	1	0	0	0	1	0	1	0	0	2	2	1
033	Caroline County	1	0	3	4	0	3	0	0	0	0	1	0	0	0	2	0	0
035	Carroll County	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	1	0
036	Charles City County	0	0	0	1	1	0	0	0	0	0	1	1	0	1	1	1	0
037	Charlotte County	2	0	1	1	1	4	0	1	1	1	0	0	0	0	2	0	0
041	Chesterfield County	0	0	0	0	0	0	0	1	0	1	2	1	0	0	0	0	0
043	Clarke County	0	0	1	0	1	2	0	0	0	0	0	0	0	0	1	0	0
045	Craig County	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
047	Culpeper County	0	1	2	0	1	3	0	0	0	0	0	0	0	0	2	1	0
049	Cumberland County	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0
051	Dickenson County	1	0	0	0	1	4	0	0	0	1	0	1	1	1	0	0	1
053	Dinwiddie County	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
057	Essex County	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
059	Fairfax County	3	0	3	5	3	0	0	0	0	1	0	2	0	0	1	0	0
061	Fauquier County	2	0	14	0	4	5	0	0	0	2	0	1	0	0	2	1	2
063	Floyd County	0	0	0	0	1	1	0	0	0	0	0	0	0	0	4	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	Mobile Air Utility	Rehab Unit	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
065	Fluvanna County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
067	Franklin County	0	0	3	0	0	0	0	0	0	0	0	0	0	1	1	0	0
069	Frederick County	2	0	4	0	4	4	0	0	0	0	0	0	0	0	3	0	0
071	Giles County	0	0	0	1	0	4	0	1	0	0	0	0	0	0	3	4	0
073	Gloucester County	0	0	1	0	5	1	0	1	0	0	0	0	0	0	0	0	0
075	Goochland County	1	0	1	0	0	0	0	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	1	2	1	1
079	Greene County	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0
081	Greensville County *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
083	Halifax County	1	0	1	0	1	6	0	0	0	1	0	0	1	0	2	3	0
085	Hanover County	0	0	3	0	1	2	0	1	1	0	0	0	0	0	1	0	0
087	Henrico County	1	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0
089	Henry County	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
091	Highland County	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
093	Isle of Wight County	0	0	2	1	1	1	0	0	0	0	1	0	0	0	1	0	0
095	James City County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
097	King and Queen County	0	1	1	0	1	0	0	1	0	1	0	1	0	0	2	1	0
099	King George County	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
101	King William County	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	Lancaster County	0	0	0	0	2	1	0	0	1	0	1	1	1	0	0	1	0
105	Lee County	2	0	2	0	4	3	0	0	1	3	0	0	1	1	5	2	0
107	Loudoun County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109	Louisa County	1	0	0	0	0	1	0	1	1	0	0	0	0	0	1	0	0
111	Lunenburg County	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	1	0
113	Madison County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	Mathews County	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
117	Mecklenburg County	0	0	0	0	1	2	0	1	0	0	0	2	1	0	1	2	2
119	Middlesex County	0	1	0	0	2	2	0	0	1	3	0	0	1	0	4	1	0
121	Montgomery County	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	2	1
125	Nelson County	0	0	1	0	3	3	0	1	0	0	0	0	0	0	1	3	0
127	New Kent County	0	0	2	0	1	1	0	0	1	0	0	0	0	1	1	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	Mobile Air Utility	Rehab Unit	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
131	Northampton County	1	0	0	0	1	1	0	1	0	2	0	1	0	1	1	2	0
133	Northumberland County	0	0	0	0	0	1	0	2	0	0	0	1	0	0	0	0	0
135	Nottoway County	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
137	Orange County	0	0	6	0	1	3	6	1	0	0	0	1	0	0	1	0	0
139	Page County	0	0	0	0	0	2	0	0	0	0	0	0	0	1	2	0	0
141	Patrick County	0	0	1	0	0	3	0	0	0	1	0	0	0	0	4	3	1
143	Pittsylvania County	1	0	2	1	4	7	0	2	0	3	0	1	1	2	3	3	1
145	Powhatan County	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
147	Prince Edward County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
149	Prince George County	0	0	2	1	0	0	0	0	0	0	0	0	0	0	2	0	0
153	Prince William County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155	Pulaski County	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
157	Rappahannock County	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1
159	Richmond County	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
161	Roanoke County	2	0	2	1	0	3	0	0	0	0	0	0	0	0	0	1	0
163	Rockbridge County	0	0	0	0	1	2	0	1	0	0	0	0	0	0	3	0	0
165	Rockingham County	1	0	3	0	0	2	0	0	0	0	0	0	0	1	0	0	0
167	Russell County	1	0	1	0	2	3	0	0	1	0	0	0	0	0	3	1	0
169	Scott County	1	0	2	2	2	3	0	0	1	1	0	2	1	0	2	2	0
171	Shenandoah County	2	0	0	0	2	2	0	0	0	0	0	0	0	0	1	1	0
173	Smyth County	0	0	2	0	2	3	0	0	0	1	0	0	0	0	3	0	0
175	Southampton County	2	0	1	1	1	4	0	1	0	1	1	0	0	0	1	1	1
177	Spotsylvania County	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0
179	Stafford County	0	0	4	0	3	4	6	2	0	0	1	0	0	0	0	2	0
181	Surry County	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0
183	Sussex County	1	0	0	0	1	2	0	0	0	0	0	0	0	1	1	0	0
185	Tazewell County	2	0	2	1	0	7	0	0	2	1	0	0	1	0	5	4	1
187	Warren County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
191	Washington County	2	0	1	0	3	0	0	1	0	0	0	1	1	1	2	2	1
193	Westmoreland County	1	0	1	0	0	3	0	1	0	1	0	1	0	0	2	1	2
195	Wise County	1	0	0	0	0	4	0	0	0	0	0	0	0	1	1	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	Mobile Air Utility	Rehab Unit	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
197	Wythe County	0	0	0	0	3	3	0	1	2	0	0	0	0	0	1	1	1
199	York County	0	0	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0
510	Alexandria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
520	Bristol	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0
530	Buena Vista	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
540	Charlottesville	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0
550	Chesapeake	2	0	4	0	0	2	6	0	0	0	6	0	0	0	0	0	0
570	Colonial Heights	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
580	Covington	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
590	Danville	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
595	Emporia	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
600	Fairfax	1	0	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0
610	Falls Church	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
620	Franklin	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
630	Fredericksburg	0	0	1	0	2	1	0	0	1	0	0	0	0	0	0	0	0
640	Galax	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0
650	Hampton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
660	Harrisonburg	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
670	Hopewell	1	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
678	Lexington	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0
680	Lynchburg	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0
683	Manassas	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0
685	Manassas Park	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
690	Martinsville	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
700	Newport News	1	0	2	0	0	2	0	0	0	2	0	0	0	0	0	0	0
710	Norfolk	0	0	3	0	3	1	0	0	0	0	0	0	0	0	0	0	0
720	Norton	1	0	0	0	0	2	0	0	0	1	0	0	0	0	0	1	0
730	Petersburg	2	0	4	1	3	4	0	1	1	1	1	1	1	1	0	2	0
735	Poquoson	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
740	Portsmouth	1	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0
750	Radford	0	0	0	0	0	1	0	0	0	0	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	Mobile Air Utility	Rehab Unit	Quint Combination Vehicle	Tanker	Wildland Brush Truck	Other Apparatus
760	Richmond	2	0	0	1	5	6	0	0	0	0	0	0	2	0	0	0	0
770	Roanoke	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0
775	Salem	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
790	Staunton	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
800	Suffolk	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
810	Virginia Beach	1	0	0	1	6	4	0	3	0	0	1	0	0	0	1	2	0
820	Waynesboro	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
830	Williamsburg	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
840	Winchester	1	0	2	0	0	1	0	0	1	0	0	0	0	0	0	0	0
Grand Total		67	3	120	31	107	197	19	29	19	39	19	25	16	22	105	78	20

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	15	0	0	0	0	50	0	3	0
003	Albemarle County	0	0	30	0	0	0	0	0	0	0	0
005	Alleghany County	7	14	1	0	40	15	31	81	0	4	0
007	Amelia County	0	18	15	0	50	20	0	25	0	0	0
009	Amherst County	11	4	6	0	10	0	0	20	0	4	0
011	Appomattox County	0	0	0	0	17	0	0	30	0	0	0
013	Arlington County	0	0	0	0	0	0	0	0	0	0	0
015	Augusta County	3	0	0	0	15	0	0	320	0	3	0
017	Bath County	0	0	0	0	10	0	0	10	0	0	0
019	Bedford County	9	9	12	0	67	35	0	285	25	10	0
021	Bland County	2	6	3	4	10	32	0	4	0	3	0
023	Botetourt County	0	0	15	0	0	0	0	65	0	5	0
025	Brunswick County	7	10	9	0	8	9	0	46	0	5	0
027	Buchanan County	13	9	2	0	40	45	10	10	10	5	0
029	Buckingham County	0	1	0	0	25	5	0	2	0	1	0
031	Campbell County	8	3	12	45	104	33	50	95	0	7	15
033	Caroline County	9	0	15	0	39	25	0	0	0	0	0
035	Carroll County	0	6	6	0	20	0	0	44	0	4	0
036	Charles City County	2	6	0	0	5	15	0	5	0	2	0
037	Charlotte County	5	3	0	0	58	70	0	15	5	3	0
041	Chesterfield County	44	75	0	0	100	730	0	0	0	0	0
043	Clarke County	4	10	14	0	10	10	0	0	0	2	3
045	Craig County	3	2	4	0	10	10	0	4	0	4	1
047	Culpeper County	13	5	0	0	0	6	0	0	0	4	0
049	Cumberland County	3	1	3	4	15	3	12	6	2	2	0
051	Dickenson County	6	9	12	0	0	30	0	0	0	3	0
053	Dinwiddie County	0	0	30	0	0	0	0	0	0	6	0
057	Essex County	2	8	4	0	40	20	0	30	0	0	0
059	Fairfax County	0	0	0	0	620	0	0	1,004	0	10	0
061	Fauquier County	15	32	24	0	84	20	0	5	0	13	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
063	Floyd County	0	0	0	0	0	0	0	40	0	0	0
065	Fluvanna County	4	0	0	0	15	0	0	0	0	9	0
067	Franklin County	2	0	4	0	0	100	125	0	0	3	0
069	Frederick County	0	0	0	0	0	0	0	0	0	0	0
071	Giles County	7	12	5	25	132	20	40	60	0	9	0
073	Gloucester County	1	5	0	0	20	6	0	50	0	1	0
075	Goochland County	0	0	0	0	35	0	0	135	0	0	0
077	Grayson County	4	6	6	0	51	26	10	34	0	2	0
079	Greene County	1	5	6	0	50	0	6	0	0	1	0
081	Greensville County *	-	-	-	-	-	-	-	-	-	-	-
083	Halifax County	10	23	8	41	50	63	0	66	10	6	0
085	Hanover County	0	0	35	0	0	50	0	0	0	0	0
087	Henrico County	20	0	0	0	0	0	0	200	0	12	0
089	Henry County	0	0	0	0	50	0	0	100	0	2	0
091	Highland County	4	0	0	0	4	0	4	4	0	3	0
093	Isle of Wight County	5	10	2	20	20	32	6	0	0	0	0
095	James City County	0	0	0	0	0	0	0	0	0	0	0
097	King and Queen County	6	0	1	0	30	0	10	103	0	9	0
099	King George County	0	0	0	0	0	0	0	12	0	3	0
101	King William County	1	0	24	0	0	0	0	42	0	0	0
103	Lancaster County	2	3	3	0	30	0	21	33	0	0	0
105	Lee County	10	20	9	22	37	31	0	22	6	11	0
107	Loudoun County	0	0	0	0	0	0	0	0	0	0	0
109	Louisa County	0	0	0	0	0	0	0	0	0	4	0
111	Lunenburg County	1	2	8	20	29	0	0	0	0	1	0
113	Madison County	0	0	0	0	0	0	0	0	0	0	0
115	Mathews County	4	0	0	0	0	0	0	36	0	2	0
117	Mecklenburg County	4	14	3	30	23	30	0	30	0	4	0
119	Middlesex County	3	11	0	16	73	18	0	30	0	3	0
121	Montgomery County	6	13	5	1	0	0	15	0	0	5	10

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
125	Nelson County	12	15	6	0	49	64	0	22	0	9	0
127	New Kent County	0	2	4	0	20	0	0	10	0	2	0
131	Northampton County	3	5	5	0	57	10	0	10	0	4	0
133	Northumberland County	0	0	6	0	20	0	0	0	0	0	0
135	Nottoway County	2	0	5	0	0	0	0	10	0	0	0
137	Orange County	8	10	0	0	10	40	0	0	0	3	0
139	Page County	3	1	4	10	10	0	0	20	0	8	0
141	Patrick County	5	11	8	5	57	30	5	38	0	9	0
143	Pittsylvania County	15	28	13	16	140	10	0	58	10	9	11
145	Powhatan County	0	0	8	0	25	0	0	0	0	0	0
147	Prince Edward County	0	0	3	0	5	0	0	0	0	0	0
149	Prince George County	5	0	5	0	0	0	0	0	0	0	0
153	Prince William County	0	0	0	0	0	0	0	0	0	0	0
155	Pulaski County	0	1	8	0	0	0	0	120	0	2	0
157	Rappahannock County	2	4	8	0	4	12	0	0	0	4	0
159	Richmond County	3	0	0	0	0	0	0	0	0	0	0
161	Roanoke County	0	0	6	0	0	0	0	0	0	5	0
163	Rockbridge County	6	2	1	0	36	50	0	54	0	11	0
165	Rockingham County	0	0	0	0	0	0	0	0	0	5	0
167	Russell County	2	18	7	5	64	0	5	27	5	1	0
169	Scott County	3	7	8	24	56	20	0	12	0	2	0
171	Shenandoah County	0	0	18	0	0	0	0	0	0	10	0
173	Smyth County	5	10	5	0	64	5	0	32	0	9	0
175	Southampton County	9	10	8	0	65	10	0	5	0	8	36
177	Spotsylvania County	10	20	0	0	0	0	0	0	0	5	0
179	Stafford County	0	0	0	0	0	0	0	0	0	4	0
181	Surry County	0	0	0	0	15	10	0	12	0	1	0
183	Sussex County	3	3	0	0	25	0	45	37	0	3	10
185	Tazewell County	12	15	19	13	93	30	0	23	0	21	1
187	Warren County	0	0	0	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
191	Washington County	7	14	14	20	35	25	15	65	0	7	0
193	Westmoreland County	3	12	14	30	45	60	0	67	0	5	0
195	Wise County	10	12	6	25	78	0	15	5	0	8	0
197	Wythe County	7	24	12	25	55	110	0	35	0	5	0
199	York County	0	40	40	0	150	0	0	0	101	10	0
510	Alexandria	0	0	0	0	0	0	0	310	0	0	330
520	Bristol	0	0	0	0	20	0	0	0	0	0	0
530	Buena Vista	-	-	-	-	-	-	-	-	-	-	-
540	Charlottesville	0	0	0	0	0	0	0	25	0	0	0
550	Chesapeake	3	35	0	0	0	0	0	0	0	20	0
570	Colonial Heights	2	0	0	0	12	5	0	36	0	1	0
580	Covington	1	0	8	0	10	0	0	6	0	0	0
590	Danville	0	0	0	0	0	0	0	80	0	2	0
595	Emporia	0	0	0	0	0	0	0	0	0	0	0
600	Fairfax	0	0	0	0	20	0	0	0	0	0	2
610	Falls Church	1	0	2	0	0	0	0	0	0	0	0
620	Franklin	2	6	6	0	0	0	0	0	0	0	0
630	Fredericksburg	0	0	3	0	0	0	0	0	0	2	0
640	Galax	1	0	0	0	0	24	0	0	0	0	0
650	Hampton	0	0	0	0	0	0	0	0	0	11	0
660	Harrisonburg	0	3	3	0	0	0	0	0	0	0	0
670	Hopewell	0	1	0	0	0	0	0	0	0	0	0
678	Lexington	0	0	2	0	0	0	0	5	0	2	0
680	Lynchburg	0	0	0	0	0	0	0	0	0	2	0
683	Manassas	4	25	0	0	30	2	0	0	0	0	0
685	Manassas Park	0	0	0	0	24	0	0	22	0	2	0
690	Martinsville	0	0	0	0	0	0	0	15	0	0	0
700	Newport News	0	0	0	50	50	0	0	0	0	6	0
710	Norfolk	0	0	0	0	0	0	0	0	0	0	0
720	Norton	2	0	3	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
730	Petersburg	6	14	14	24	80	72	0	60	0	6	0
735	Poquoson	2	12	12	0	30	0	0	0	0	2	0
740	Portsmouth	0	21	3	0	0	0	0	0	0	2	0
750	Radford	0	0	0	0	10	0	0	0	0	0	0
760	Richmond	0	80	0	0	0	0	0	0	0	0	0
770	Roanoke	0	0	0	0	0	0	0	88	0	5	0
775	Salem	-	-	-	-	-	-	-	-	-	-	-
790	Staunton	0	0	0	0	0	0	0	0	0	0	0
800	Suffolk	0	0	15	0	0	0	0	0	0	0	0
810	Virginia Beach	30	0	0	0	100	0	0	400	0	15	0
820	Waynesboro	0	0	0	0	10	0	0	0	0	10	0
830	Williamsburg	0	0	10	0	0	0	0	0	0	3	0
840	Winchester	5	0	21	0	12	67	0	0	0	4	0
Grand Total		455	816	694	475	3,632	2,165	425	4,862	174	458	419

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	4	50	1	0	0
003	Albemarle County	30	50	1	10	0
005	Alleghany County	0	35	0	15	0
007	Amelia County	30	20	1	0	0
009	Amherst County	0	45	0	0	0
011	Appomattox County	0	5	0	0	0
013	Arlington County	30	0	0	0	0
015	Augusta County	25	100	0	0	0
017	Bath County	0	0	0	0	0
019	Bedford County	27	194	2	12	0
021	Bland County	0	45	0	12	0
023	Botetourt County	9	50	0	0	0
025	Brunswick County	0	40	0	0	0
027	Buchanan County	7	75	0	10	0
029	Buckingham County	0	20	0	10	0
031	Campbell County	0	23	0	0	0
033	Caroline County	14	60	2	0	0
035	Carroll County	18	30	1	0	0
036	Charles City County	0	20	0	0	0
037	Charlotte County	0	22	0	0	0
041	Chesterfield County	16	24	2	2	0
043	Clarke County	5	50	0	0	0
045	Craig County	0	25	0	0	0
047	Culpeper County	0	49	0	30	0
049	Cumberland County	0	25	0	20	0
051	Dickenson County	0	15	0	0	0
053	Dinwiddie County	36	50	2	0	0
057	Essex County	0	10	0	0	0
059	Fairfax County	19	0	0	0	0
061	Fauquier County	32	191	0	10	0
063	Floyd County	0	0	0	0	0
065	Fluvanna County	0	40	0	0	0
067	Franklin County	6	18	0	0	0
069	Frederick County	65	0	0	0	0
071	Giles County	0	55	0	0	0
073	Gloucester County	3	35	0	0	0
075	Goochland County	15	20	2	0	0
077	Grayson County	0	32	0	5	0
079	Greene County	0	15	0	3	0
081	Greensville County *	-	-	-	-	-
083	Halifax County	56	180	5	6	0
085	Hanover County	12	0	0	0	0
087	Henrico County	18	0	10	0	0
089	Henry County	0	50	0	0	0
091	Highland County	0	0	0	0	0
093	Isle of Wight County	10	5	0	0	0
095	James City County	6	0	1	0	0
097	King and Queen County	8	20	0	0	0
099	King George County	40	40	3	5	0
101	King William County	7	35	0	0	0
103	Lancaster County	0	10	0	0	0
105	Lee County	4	70	0	2	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	0	0	0	0	0
109	Louisa County	28	100	0	0	0
111	Lunenburg County	0	22	0	10	0
113	Madison County	0	6	0	0	0
115	Mathews County	0	15	0	0	0
117	Mecklenburg County	9	53	0	7	0
119	Middlesex County	2	50	0	0	0
121	Montgomery County	15	25	0	0	0
125	Nelson County	6	72	0	25	0
127	New Kent County	13	25	2	0	0
131	Northampton County	16	33	0	25	0
133	Northumberland County	0	10	0	4	0
135	Nottoway County	0	17	0	0	0
137	Orange County	12	50	0	0	0
139	Page County	0	32	0	0	0
141	Patrick County	37	127	0	5	0
143	Pittsylvania County	18	197	0	62	10
145	Powhatan County	0	25	0	0	0
147	Prince Edward County	0	15	0	0	0
149	Prince George County	21	50	2	5	0
153	Prince William County	0	0	0	0	0
155	Pulaski County	5	35	0	0	0
157	Rappahannock County	10	59	0	49	0
159	Richmond County	0	10	0	0	0
161	Roanoke County	2	10	0	0	0
163	Rockbridge County	6	62	0	16	0
165	Rockingham County	14	75	0	0	0
167	Russell County	0	38	0	0	0
169	Scott County	4	16	0	0	0
171	Shenandoah County	9	45	1	0	0
173	Smyth County	8	60	0	0	0
175	Southampton County	2	55	0	26	0
177	Spotsylvania County	20	50	6	8	0
179	Stafford County	12	50	2	0	0
181	Surry County	0	0	0	0	0
183	Sussex County	0	35	0	0	0
185	Tazewell County	11	93	0	20	0
187	Warren County	36	20	1	3	0
191	Washington County	14	30	0	0	0
193	Westmoreland County	0	32	0	15	0
195	Wise County	16	45	0	10	0
197	Wythe County	8	46	0	5	0
199	York County	0	0	0	0	0
510	Alexandria	18	0	10	0	0
520	Bristol	0	0	0	0	0
530	Buena Vista	-	-	-	-	-
540	Charlottesville	6	0	1	0	0
550	Chesapeake	10	0	0	0	35
570	Colonial Heights	8	0	0	0	0
580	Covington	0	0	0	0	0
590	Danville	4	0	0	0	0
595	Emporia	0	8	0	0	0

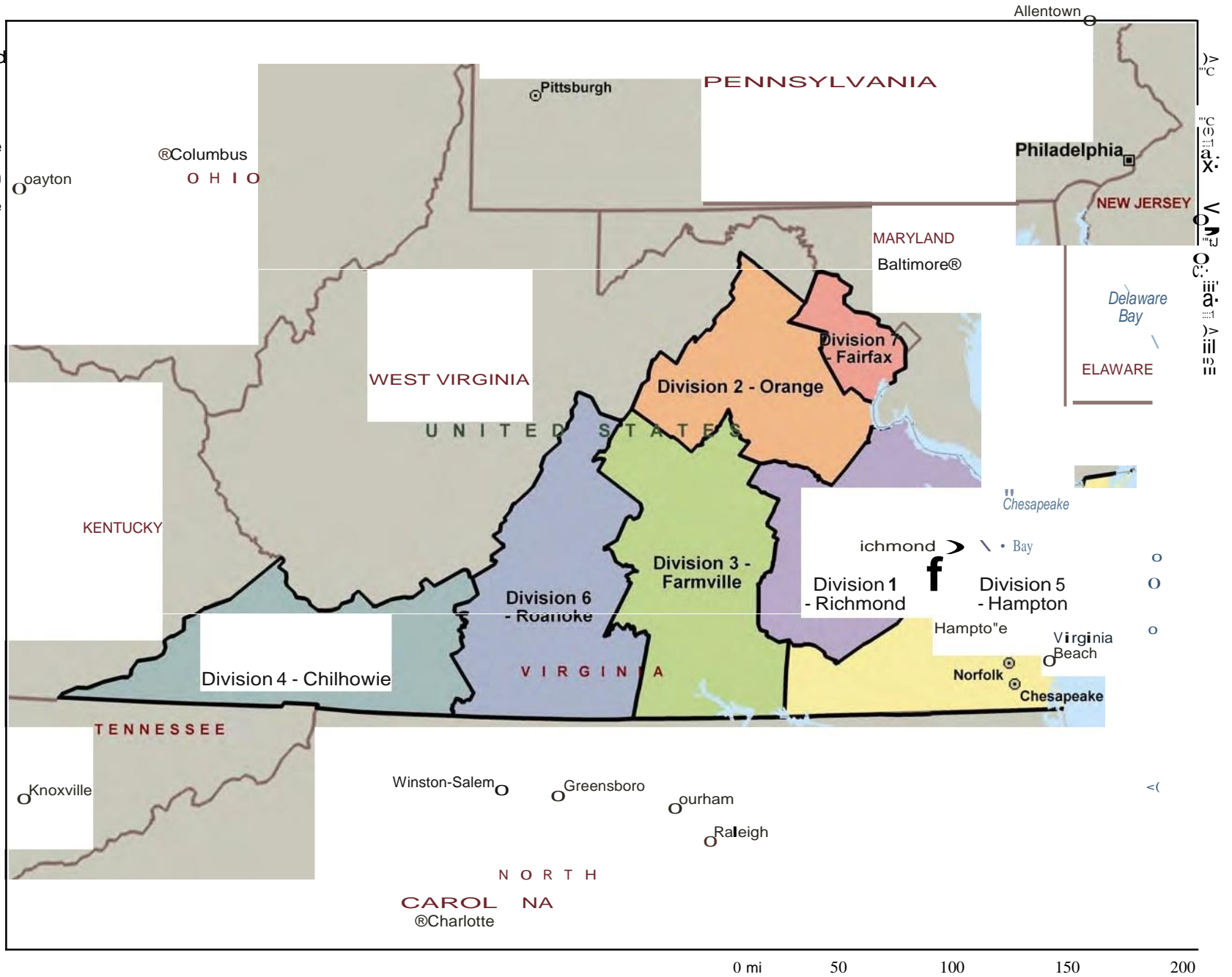
Supplemental Table 7. Number of Personnel Needed Reported By Locality

FIPS	Locality	Firefighter - Paid	Firefighter - Volunteer	Civilian - Paid	Civilian - Volunteer	Other Personnel
600	Fairfax	6	10	0	0	0
610	Falls Church	0	10	0	0	0
620	Franklin	0	0	0	0	1
630	Fredericksburg	15	0	0	0	0
640	Galax	0	10	0	0	0
650	Hampton	10	20	0	0	0
660	Harrisonburg	0	0	0	0	0
670	Hopewell	5	0	0	0	0
678	Lexington	12	25	1	0	0
680	Lynchburg	12	0	0	0	0
683	Manassas	3	15	0	0	0
685	Manassas Park	3	0	0	0	0
690	Martinsville	6	15	0	0	0
700	Newport News	20	0	0	0	0
710	Norfolk	0	0	0	0	0
720	Norton	6	0	0	0	0
730	Petersburg	41	0	6	0	0
735	Poquoson	9	0	0	0	0
740	Portsmouth	0	0	2	0	0
750	Radford	3	10	0	0	0
760	Richmond	0	0	21	0	0
770	Roanoke	4	0	0	0	0
775	Salem	-	-	-	-	-
790	Staunton	6	0	0	0	0
800	Suffolk	10	0	0	0	0
810	Virginia Beach	80	0	5	0	0
820	Waynesboro	12	15	0	0	0
830	Williamsburg	6	0	0	0	0
840	Winchester	33	0	3	0	0
Grand Total		1,254	3,876	96	447	46

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VDFF Divisions

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



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		



2015 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. **** Review and consult with your Chief and Training Officer concerning your selections. **** All survey data will be compiled and the results will be published in January 2016 in Volume XII 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:

Rob Magnotti
Information and Statistics Manager
Virginia Department of Fire Programs
Ph: (804) 249-1989
Email: robert.magnotti@vdfp.virginia.gov

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

2. FDID:

3. Fire Department:

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

Completed:

5. Please complete your contact information.

Name of Person Completing
Survey

Title of Person Completing
Survey

Contact Phone Number

Contact Email Address

Completed:

Section I - General Department Information

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

Fire Department Name	<input type="text"/>
Mailing Address	<input type="text"/>
City, State, Zip (Mailing)	<input type="text"/>
Street Address (If Not Same As Mailing Address)	<input type="text"/>
City, State, Zip (Street)	<input type="text"/>
Phone Number (Non-Emergency)	<input type="text"/>
Fax Number	<input type="text"/>
Fire Department Email Address	<input type="text"/>
Current Fire Chief	<input type="text"/>
Fire Chief Email Address	<input type="text"/>
Current Training Officer	<input type="text"/>
Training Officer Email Address	<input type="text"/>

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

Fire Department Name	<input type="text"/>
Mailing Address	<input type="text"/>
City, State, Zip (Mailing)	<input type="text"/>
Street Address (If Not Same As Mailing Address)	<input type="text"/>
City, State, Zip (Street)	<input type="text"/>
Phone Number (Non-Emergency)	<input type="text"/>
Fax Number	<input type="text"/>
Fire Department Email Address	<input type="text"/>
Current Fire Chief	<input type="text"/>
Fire Chief Email Address	<input type="text"/>
Current Training Officer	<input type="text"/>
Training Officer Email Address	<input type="text"/>

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

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'.

10. If your fire department has additional station locations, please complete and list their information below. Enter the station name and street address for each station with your department. The station #'s do not correspond to actual station numbers. (The number of lines will expand each time you complete a line.)

	Station Name	Street Address	City, State, Zip
Station #1	<input type="text"/>	<input type="text"/>	<input type="text"/>

Completed:

Section II - Department Personnel

11. Please indicate the total number of active fire service personnel by status with your department. (The total at the bottom should be the total number of active fire service personnel in your department.)

Career	<input type="text"/>
Volunteer	<input type="text"/>
Paid-per-call	<input type="text"/>
Total	<input type="text"/>

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

Average Firefighters on Duty

13. Please indicate the total number of active fire service personnel by race and by gender with your department. **** Enter the actual number of firefighters. Must complete all rows. If none, then enter 0. ****

	Male	Female
White	<input type="text"/>	<input type="text"/>
Black	<input type="text"/>	<input type="text"/>
Hispanic	<input type="text"/>	<input type="text"/>
Asian and Asian American	<input type="text"/>	<input type="text"/>
American Indian	<input type="text"/>	<input type="text"/>
Other	<input type="text"/>	<input type="text"/>
Unknown or Not Reported	<input type="text"/>	<input type="text"/>

14. Please indicate the total number of active fire service personnel by age with your department. **** Enter the actual number of firefighters. Must complete all rows. If none, then enter 0. ****

	Male	Female
16 - 18 Years	<input type="text"/>	<input type="text"/>
19 - 24	<input type="text"/>	<input type="text"/>
25 - 34	<input type="text"/>	<input type="text"/>
35 - 44	<input type="text"/>	<input type="text"/>
45 - 54	<input type="text"/>	<input type="text"/>
55 - 64	<input type="text"/>	<input type="text"/>
65 - 74	<input type="text"/>	<input type="text"/>
75 - 84	<input type="text"/>	<input type="text"/>
85 Years or Older	<input type="text"/>	<input type="text"/>
Unknown or Not Reported	<input type="text"/>	<input type="text"/>

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.)

Civilian - Paid	<input type="text"/>
Civilian - Volunteer	<input type="text"/>
Total	<input type="text"/>

16. Does your department have a program to maintain basic fire fighter fitness and health as recommended by NFPA 1582?

☐ Yes

☐ No

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

	a. Does your department have the program?	b. If "Yes", do you have an individual assigned to coordinate the program?
Recruitment Program	<input type="text"/>	<input type="text"/>
Retention Program	<input type="text"/>	<input type="text"/>

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

- ☐ Advertise on TV/Radio/Newspaper
- ☒ Citizen Involvement Programs such as Fire Corps
- ☐ Fire Department/Locality Website
- ☒ Job/Career Fairs
- ☐ Letter/Email/Brochure Mailings
- ☒ Open Houses/Community Events
- ☐ Signs/Banners
- ☒ Social Media - Facebook/Twitter
- ☐ 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.)

- ☐ 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/Education
- ☒ Retirement Program
- ☐ Utility Rate Discount
- ☒ No Incentives or Rewards
- ☐ Other

Completed:

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.)

0 to 4 Years	<input type="text"/>
5 to 9 Years	<input type="text"/>
10 to 19 Years	<input type="text"/>
20 to 29 Years	<input type="text"/>
30 to 39 Years	<input type="text"/>
40 to 49 Years	<input type="text"/>
More than 50 Years	<input type="text"/>
Total	<input type="text"/>

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.)

Have Backup Power	<input type="text"/>
Do Not Have Backup Power	<input type="text"/>
Total	<input type="text"/>

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

Aerial Apparatus (Mid-Mount, Rear-Mount, Tiller, Tower)	<input type="text"/>
Aircraft Rescue and Fire Fighting (ARFF) Vehicle	<input type="text"/>
Ambulance/Other Patient Transport	<input type="text"/>
Command Support Unit	<input type="text"/>
Command Vehicle (SUV)	<input type="text"/>
Engine/Pumper	<input type="text"/>
Fire Bike (Bicycle for Response)	<input type="text"/>
Fire/Rescue Boat	<input type="text"/>
Hazardous Materials (HAZMAT) Vehicle	<input type="text"/>
Heavy Technical Rescue Vehicle	<input type="text"/>
Logistical Support Apparatus	<input type="text"/>
Mobile Air Utility	<input type="text"/>
Rehab Unit	<input type="text"/>
Quint Combination Vehicle	<input type="text"/>
Tanker	<input type="text"/>
Wildland Brush Truck	<input type="text"/>
Other	<input type="text"/>

23. Please answer the following questions concerning the age of apparatus at your department. What is the apparatus type and age of your oldest first alarm/front line apparatus?

	Type of Apparatus (ex. Engine/Pumper)	Age of Apparatus (Years)
Age of Apparatus	<input type="text"/>	<input type="text"/>

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

4-Gas Monitors	<input type="text"/>
Map Coordinate System - GPS	<input type="text"/>
Mobile Data Terminals	<input type="text"/>
Personal Alert Safety Systems (PASS)	<input type="text"/>
Personal Protective Equipment (PPE)	<input type="text"/>
Radios w/ Emergency Alert Button	<input type="text"/>
Radios w/o Emergency Alert Button	<input type="text"/>
Self-Contained Breathing Apparatus (SCBA) w/ Integrated PASS	<input type="text"/>
Self-Contained Breathing Apparatus (SCBA) w/o Integrated PASS	<input type="text"/>
Thermal Imaging Cameras	<input type="text"/>
Other	<input type="text"/>

Completed:

25. Please answer the following questions about your department's operating budget for FY2016. **
Enter the total amount of funding. Must complete all rows. If none, then enter 0. **

	a. How much funding do you anticipate receiving from the following sources for FY2016?	b. If you anticipate a reduction in funding from FY2015 to FY2016, how much is your funding going to be reduced?
Locality Funding	<input type="text"/>	<input type="text"/>
Fund Raising/Donations	<input type="text"/>	<input type="text"/>
Grant Funding	<input type="text"/>	<input type="text"/>

26. Do you plan to apply for additional funding with any of the following grants in FY2016? (Check all that apply.)

- ☐ 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 FY2016 budget is from the following sources? (The total at the bottom should add to 100%.)

Aid to Localities (ATL) Funding	<input type="text"/>
Additional Grant Funding	<input type="text"/>
Billing Fees for Services	<input type="text"/>
Federal Government Funding	<input type="text"/>
Fire District or Other Taxes	<input type="text"/>
Fund Raising/Donations	<input type="text"/>
Local Government Funding (Not Including ATL)	<input type="text"/>
State Government Funding	<input type="text"/>
Other	<input type="text"/>
Total	<input type="text"/>

Completed:

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.)

- ☐ Local
- ☐ State
- ☐ Federal

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

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

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

	Percent of Apparatus
Map Coordinate System - GPS	<input type="text"/>
Mobile Data Terminals	<input type="text"/>
Tablets/iPads	<input type="text"/>

31.

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

- ☐ Desktop Computers
- ☐ Laptop/Netbook/Ultrabook Computers
- ☐ Toughbook Computers
- ☐ Tablets/iPads
- ☐ Projectors
- ☐ No Equipment Available

32. 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.)

Computer at Station	<input type="text"/>
No Computer Available	<input type="text"/>
Total	<input type="text"/>

33. Please answer the questions concerning incident reporting at your department.

What reporting system does your department use to enter your NFIRS reports? (If you use the NFIRS System, enter NFIRS. If you use vendor software, enter the name.)	If VDFP provided a free license for the ImageTrend fire bridge for incident reporting, would your department be interested?
Incident Reporting <input type="text"/>	<input type="text"/>

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.)

Dial-Up Internet	<input type="text"/>
High Speed Internet	<input type="text"/>
Wireless Internet	<input type="text"/>
Satellite Internet	<input type="text"/>
Cable TV (No Internet)	<input type="text"/>
No Internet Service	<input type="text"/>
Total	<input type="text"/>

35. Does your department use any of the following social media? (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.

	Does your department have and maintain the following websites?	If "Yes", please specify the website address.
Department Webpage	<input type="text"/>	<input type="text"/>
Facebook Page	<input type="text"/>	<input type="text"/>

37. VDFP has developed a fire safety application, FireSafe Family VA, that is now available as a free download on iPhones and Android phones. Please answer the following questions concerning mobile apps.

	Is your department aware of the free App from VDFP?	If "Yes", has your department been promoting the download and use of this mobile app in your community?	If "Yes", how has your department been promoting it?
Mobile Apps	<input type="text"/>	<input type="text"/>	<input type="text"/>

Completed:

38. 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.)

☐ Health & Safety Officer

☐ Incident Reporting Officer

☐ Public Fire & Life Safety Educator

☐ Public Relations Officer

☐ Training Officer

☐ No Designated Officers

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

	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	<input type="text"/>	<input type="text"/>	<input type="text"/>

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

☐ Yes

☐ No

41. Please answer the following questions about your department's training based on the National Fire Protection Association (NFPA) standards. ** Review and consult with your Chief and Training Officer concerning your selections. **

	a. How many of your active firefighters are trained in the following fire service areas and levels? ** Enter the actual number of firefighters. Must complete all rows. If none, then enter 0. **	b. How many of your active firefighters need training at this level? ** Enter the actual number of firefighters. Must complete all rows. If none, then enter 0. **
Hazardous Materials (NFPA 472) - Awareness	<input type="text"/>	<input type="text"/>
Hazardous Materials (NFPA 472) - Operations	<input type="text"/>	<input type="text"/>
Fire Fighter (NFPA 1001) - Level I	<input type="text"/>	<input type="text"/>
Fire Fighter (NFPA 1001) - Level II	<input type="text"/>	<input type="text"/>
Fire Apparatus Driver/Operator (NFPA 1002) - Driver/Pump Operator	<input type="text"/>	<input type="text"/>
Fire Apparatus Driver/Operator (NFPA 1002) - Aerial Operator	<input type="text"/>	<input type="text"/>
Airport Fire Fighter (NFPA 1003)	<input type="text"/>	<input type="text"/>
Fire Officer (NFPA 1021) - Level I	<input type="text"/>	<input type="text"/>
Fire Officer (NFPA 1021) - Level II	<input type="text"/>	<input type="text"/>
Fire Officer (NFPA 1021) - Level III	<input type="text"/>	<input type="text"/>
Fire Officer (NFPA 1021) - Level IV	<input type="text"/>	<input type="text"/>
Fire Inspector (NFPA 1031) - Level I/II	<input type="text"/>	<input type="text"/>
Fire Investigator (NFPA 1033)	<input type="text"/>	<input type="text"/>
Fire Service Instructor (NFPA 1041) - Level I	<input type="text"/>	<input type="text"/>
Fire Service Instructor (NFPA 1041) - Level II	<input type="text"/>	<input type="text"/>
Fire Service Instructor (NFPA 1041) - Level III	<input type="text"/>	<input type="text"/>
Public Fire and Life Safety Educator (NFPA 1035) - Level I	<input type="text"/>	<input type="text"/>
Public Fire and Life Safety Educator (NFPA 1035) - Level II	<input type="text"/>	<input type="text"/>
Juvenile Firesetter Intervention Specialist (NFPA 1035) - Level I	<input type="text"/>	<input type="text"/>
Juvenile Firesetter Intervention Specialist (NFPA 1035) - Level II	<input type="text"/>	<input type="text"/>
Farm Machinery Extrication	<input type="text"/>	<input type="text"/>
Mayday Firefighter Down	<input type="text"/>	<input type="text"/>

Rapid Intervention Team/Crew
(RIT/RIC)

42. Please answer the following questions about your department's technical rescue training based on the National Fire Protection Association (NFPA) standards. ** Review and consult with your Chief and Training Officer concerning your selections. **

	a. How many of your active firefighters are trained in the following technical rescue areas and levels? ** Enter the actual number of firefighters. Must complete all rows. If none, then enter 0. **	b. How many of your active firefighters need training at this level? ** Enter the actual number of firefighters. Must complete all rows. If none, then enter 0. **
Introduction to Technical Rescue - Module I	<input type="text"/>	<input type="text"/>
Introduction to Technical Rescue - Module II	<input type="text"/>	<input type="text"/>
Rope - Level I	<input type="text"/>	<input type="text"/>
Rope - Level II	<input type="text"/>	<input type="text"/>
Confined Space - Level I	<input type="text"/>	<input type="text"/>
Confined Space - Level II	<input type="text"/>	<input type="text"/>
Trench - Level I	<input type="text"/>	<input type="text"/>
Trench - Level II	<input type="text"/>	<input type="text"/>
Surface Water - Level I	<input type="text"/>	<input type="text"/>
Surface Water - Level II	<input type="text"/>	<input type="text"/>
Swift Water - Level I	<input type="text"/>	<input type="text"/>
Swift Water - Level II	<input type="text"/>	<input type="text"/>
Vehicle - Level I	<input type="text"/>	<input type="text"/>
Vehicle - Level II	<input type="text"/>	<input type="text"/>

43. How many of your stations have adequate technical rescue equipment? ** Enter the total number of stations for each category shown below. Must complete all rows. If none, then enter 0. **

	Stations with adequate equipment to respond	Stations without adequate equipment to respond
Rope	<input type="text"/>	<input type="text"/>
Confined Space	<input type="text"/>	<input type="text"/>
Trench	<input type="text"/>	<input type="text"/>
Surface/Swift Water	<input type="text"/>	<input type="text"/>
Vehicle	<input type="text"/>	<input type="text"/>

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

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	<input type="text"/>	<input type="text"/>

45. Please answer the following questions about your department's EMS training. ** Review and consult with your Chief and Training Officer concerning your selections. **

	a. How many of your active firefighters are trained in the following EMS levels? ** Enter the actual number of firefighters. Must complete all rows. If none, then enter 0. **	b. How many of your active firefighters need training at this level? ** Enter the actual number of firefighters. Must complete all rows. If none, then enter 0. **
Emergency Medical Responder(EMR)/First Responder(FR)	<input type="text"/>	<input type="text"/>
Emergency Medical Technician (EMT)	<input type="text"/>	<input type="text"/>
Advanced EMT(AEMT)/EMT Enhanced (EMTEnh)	<input type="text"/>	<input type="text"/>
Intermediate (I)	<input type="text"/>	<input type="text"/>
Paramedic (P)	<input type="text"/>	<input type="text"/>

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

- ☐ 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

Completed:

47. Who conducts fire code enforcements in your community? (Check all that apply.)

☐ Building Department

☐ Fire Department Inspectors

☐ In-Service Fire Fighters

☐ Separate Inspection Bureau

☐ State/Local Fire Marshal's Office

☐ Local Public Safety Department

☐ Other

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

☐ 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

☐ VA State Police Arson Investigator

☐ Other

Completed:

Section VIII - Emergency Preparedness

49. Is your department adequately trained to recognize and report suspicious activity in your jurisdiction which may be indicative of pre-operational planning of a terrorist attack?

Yes

☐

No

☐

Unknown

☐

Comments

50. Is your department adequately prepared to respond to a terrorist event should it occur in your jurisdiction?

Yes	No	Unknown	Comments
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>

51. Are you aware of the Virginia Fusion Center and its role with the fire service in the Commonwealth of Virginia?

Yes	No	Unknown	Comments
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>

52. Has anyone in your department participated in the Virginia Fusion Center's Fusion Liaison Officer Training Program?

Yes	No	Unknown	Comments
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>

53. Would your department be interested in receiving information, training, or technical assistance from the Virginia Fusion Center on terrorism prevention and preparedness, threat and vulnerability assessments, or other fire service intelligence related areas?

Yes	No	Unknown	Comments
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>

Completed:

54. Please rank your department's Top Needs from 1 to 5 for FY2016. (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.)

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

55. Please indicate the amount of additional funding that your department needs in FY2016 for each type of specific department need. (Do not include current expected amounts of funding reported in Section IV.) **
Enter the total amount of additional funding. Must complete all rows. If none, then enter 0. **

	Additional Funding
Apparatus	<input type="text"/>
Equipment	<input type="text"/>
Facilities	<input type="text"/>
Personnel	<input type="text"/>
Training	<input type="text"/>

56. Please check the specific type of apparatus that your department needs for FY2016 and also indicate a quantity needed. Do not report current apparatus already budgeted for FY2016. (Check and complete all that apply.)

	Apparatus Needed	Quantity Needed
Aerial Apparatus (Mid-Mount, Rear-Mount, Tiller, Tower)	<input type="checkbox"/>	<input type="text"/>
Aircraft Rescue and Fire Fighting (ARFF) Vehicle	<input type="checkbox"/>	<input type="text"/>
Ambulance/Other Patient Transport	<input type="checkbox"/>	<input type="text"/>
Command Support Unit	<input type="checkbox"/>	<input type="text"/>
Command Vehicle (SUV)	<input type="checkbox"/>	<input type="text"/>
Engine/Pumper	<input type="checkbox"/>	<input type="text"/>
Fire Bike (Bicycle for Response)	<input type="checkbox"/>	<input type="text"/>
Fire/Rescue Boat	<input type="checkbox"/>	<input type="text"/>
Hazardous Materials (HAZMAT) Vehicle	<input type="checkbox"/>	<input type="text"/>
Heavy Technical Rescue Vehicle	<input type="checkbox"/>	<input type="text"/>
Logistical Support Apparatus	<input type="checkbox"/>	<input type="text"/>
Mobile Air Utility	<input type="checkbox"/>	<input type="text"/>
Rehab Unit	<input type="checkbox"/>	<input type="text"/>
Quint Combination Vehicle	<input type="checkbox"/>	<input type="text"/>
Tanker	<input type="checkbox"/>	<input type="text"/>
Wildland Brush Truck	<input type="checkbox"/>	<input type="text"/>
No Apparatus Currently Needed	<input type="checkbox"/>	<input type="text"/>
Other	<input type="checkbox"/>	<input type="text"/>

57. Please check the specific type of equipment that your department needs for FY2016 and also indicate the quantity needed. Do not report current equipment already budgeted for FY2016. (Check and complete all that apply.)

	Equipment Needed	Quantity Needed
4-Gas Monitors	<input type="checkbox"/>	<input type="text"/>
Map Coordinate System - GPS	<input type="checkbox"/>	<input type="text"/>
Mobile Data Terminals	<input type="checkbox"/>	<input type="text"/>
Personal Alert Safety Systems (PASS)	<input type="checkbox"/>	<input type="text"/>
Personal Protective Equipment (PPE)	<input type="checkbox"/>	<input type="text"/>
Radios w/ Emergency Alert Button	<input type="checkbox"/>	<input type="text"/>
Radios w/o Emergency Alert Button	<input type="checkbox"/>	<input type="text"/>
Self-Contained Breathing Apparatus (SCBA) w/ Integrated PASS	<input type="checkbox"/>	<input type="text"/>
Self-Contained Breathing Apparatus (SCBA) w/o Integrated PASS	<input type="checkbox"/>	<input type="text"/>
Thermal Imaging Cameras	<input type="checkbox"/>	<input type="text"/>
No Equipment Currently Needed	<input type="checkbox"/>	<input type="text"/>
Other	<input type="checkbox"/>	<input type="text"/>

58. Please check the specific type of facilities that your department needs for FY2016. Do not report current facility improvements/new construction already budgeted for FY2016. (Check all that apply.)

☐ Addition to Existing Stations

☐ Exhaust/Ventilation System

☐ Improvements/Remodeling of Existing Stations

☐ Installation of Backup Power

☐ New Constructed Stations

☐ No Facilities Currently Needed

☐ Other

59. Please check the specific type of personnel that your department needs for FY2016 and also indicate the quantity needed. Do not report current personnel already budgeted for FY2016. (Check and complete all that apply.)

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

60. Please select your top 3 priority types of training that your department needs for FY2016 from the following training areas and levels. ** Review and consult with your Chief and Training Officer concerning your selections. VDFP will be utilizing this information to develop FY2016 training delivery courses for your locality. **

Training Area and Level	
#1 Top Training Priority	<input type="text"/>
#2 Top Training Priority	<input type="text"/>
#3 Top Training Priority	<input type="text"/>

61. Please select your top 3 priority types of training that your department needs for FY2016 from the following technical rescue areas and levels. ** Review and consult with your Chief and Training Officer concerning your selections. VDFP will be utilizing this information to develop FY2016 training delivery courses for your locality. **

Technical Rescue Training Area and Level	
#1 Top Training Priority	<input type="text"/>
#2 Top Training Priority	<input type="text"/>
#3 Top Training Priority	<input type="text"/>

Completed:

Final Comments














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

☐ Yes☐ No

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

☐ Yes☐ No

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

	Disagree		Neutral			Agree	
Easy to Understand Questions							
Simple to Complete Response On-line							

65. Please complete any final comments to provide feedback to VDFP.



66. Please complete any final comments concerning your needs to Virginia legislators. Your department's comments may be included in the final report.

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.

Completed:

Appendix



Virginia Fire Service Needs Assessment:

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

Volume XII - January 2016



Virginia Department of Fire Programs

2015 Needs Assessment Survey Response By County/City

FIPS	County/City	Number of Surveys Completed	Number of Surveys Distributed	Percent Completed	Total Fire Departments Represented
001	Accomack County	0	1	0.0%	0
003	Albemarle County	1	1	100.0%	8
005	Alleghany County	1	7	14.3%	1
007	Amelia County	1	1	100.0%	6
009	Amherst County	1	4	25.0%	1
011	Appomattox County	1	2	50.0%	1
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	1	12	8.3%	1
021	Bland County	3	6	50.0%	3
023	Botetourt County	1	1	100.0%	7
025	Brunswick County	3	7	42.9%	3
027	Buchanan County	2	10	20.0%	2
029	Buckingham County	1	4	25.0%	1
031	Campbell County	4	9	44.4%	4
033	Caroline County	1	1	100.0%	7
035	Carroll County	2	4	50.0%	2
036	Charles City County	1	1	100.0%	1
037	Charlotte County	0	7	0.0%	0
041	Chesterfield County	1	1	100.0%	1
043	Clarke County	1	4	25.0%	1
045	Craig County	2	5	40.0%	2
047	Culpeper County	4	7	57.1%	4
049	Cumberland County	1	3	33.3%	1
051	Dickenson County	0	4	0.0%	0
053	Dinwiddie County	1	1	100.0%	6
057	Essex County	2	2	100.0%	2
059	Fairfax County	0	1	0.0%	0
061	Fauquier County	0	12	0.0%	0
063	Floyd County	0	1	0.0%	0
065	Fluvanna County	2	2	100.0%	5
067	Franklin County	1	1	100.0%	12
069	Frederick County	0	1	0.0%	0
071	Giles County	3	8	37.5%	3
073	Gloucester County	0	2	0.0%	0

2015 Needs Assessment Survey Response By County/City

FIPS	County/City	Number of Surveys Completed	Number of Surveys Distributed	Percent Completed	Total Fire Departments Represented
085	Hanover County	1	1	100.0%	13
075	Goochland County	1	1	100.0%	1
077	Grayson County	4	6	66.7%	4
079	Greene County	2	3	66.7%	2
081	Greensville County *		-	-	-
083	Halifax County	4	13	30.8%	4
095	James City County	1	1	100.0%	1
097	King and Queen County	2	5	40.0%	2
099	King George County	1	1	100.0%	1
101	King William County	0	1	0.0%	0
103	Lancaster County	1	3	33.3%	1
105	Lee County	3	10	30.0%	3
107	Loudoun County	1	1	100.0%	14
109	Louisa County	1	1	100.0%	8
111	Lunenburg County	1	3	33.3%	1
113	Madison County	0	1	0.0%	0
115	Mathews County	1	1	100.0%	1
117	Mecklenburg County	1	8	12.5%	1
119	Middlesex County	2	4	50.0%	2
121	Montgomery County	3	5	60.0%	3
125	Nelson County	3	7	42.9%	3
127	New Kent County	1	1	100.0%	3
131	Northampton County	2	5	40.0%	2
133	Northumberland County	1	2	50.0%	1
135	Nottoway County	1	3	33.3%	1
137	Orange County	0	1	0.0%	0
139	Page County	0	4	0.0%	0
141	Patrick County	3	10	30.0%	3
143	Pittsylvania County	9	21	42.9%	9
145	Powhatan County	1	1	100.0%	6
147	Prince Edward County	3	5	60.0%	3
149	Prince George County	1	1	100.0%	6
153	Prince William County	1	1	100.0%	12
155	Pulaski County	1	2	50.0%	5
157	Rappahannock County	4	6	66.7%	4
159	Richmond County	1	2	50.0%	1
161	Roanoke County	2	2	100.0%	11
163	Rockbridge County	2	9	22.2%	2
165	Rockingham County	1	1	100.0%	11
167	Russell County	3	7	42.9%	3
169	Scott County	2	7	28.6%	2
171	Shenandoah County	1	1	100.0%	10
173	Smyth County	6	7	85.7%	6
175	Southampton County	4	8	50.0%	4

2015 Needs Assessment Survey Response By County/City

FIPS	County/City	Number of Surveys Completed	Number of Surveys Distributed	Percent Completed	Total Fire Departments Represented
177	Spotsylvania County	1	1	100.0%	3
179	Stafford County	1	1	100.0%	10
181	Surry County	1	3	33.3%	1
183	Sussex County	3	5	60.0%	3
185	Tazewell County	10	17	58.8%	10
187	Warren County	1	1	100.0%	8
191	Washington County	2	9	22.2%	2
193	Westmoreland County	0	4	0.0%	0
195	Wise County	5	7	71.4%	5
197	Wythe County	6	6	100.0%	6
199	York County	1	1	100.0%	1
510	Alexandria	1	1	100.0%	1
520	Bristol	1	1	100.0%	1
530	Buena Vista	0	1	0.0%	0
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	1	1	100.0%	2
600	Fairfax	1	1	100.0%	1
610	Falls Church	0	1	0.0%	0
620	Franklin	1	1	100.0%	2
630	Fredericksburg	0	1	0.0%	0
640	Galax	1	1	100.0%	1
650	Hampton	1	1	100.0%	1
660	Harrisonburg	1	1	100.0%	1
670	Hopewell	0	1	0.0%	0
678	Lexington	1	1	100.0%	1
680	Lynchburg	0	1	0.0%	0
683	Manassas	1	2	50.0%	1
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	0	1	0.0%	0
730	Petersburg	1	1	100.0%	1
735	Poquoson	1	1	100.0%	1
740	Portsmouth	1	1	100.0%	1
750	Radford	0	1	0.0%	0
760	Richmond	1	1	100.0%	1
770	Roanoke	0	1	0.0%	0

2015 Needs Assessment Survey Response By County/City

FIPS	County/City	Number of Surveys Completed	Number of Fire Departments	Percent Completed	Total Fire Departments Represented
775	Salem	0	1	0.0%	0
790	Staunton	1	1	100.0%	1
800	Suffolk	0	1	0.0%	0
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		186	415	44.8%	351
Overall Survey Response					54.5%

Note: The overall survey response percentage is based on 644 total fire departments.

* Greenville 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

2015 Needs Assessment Completed Surveys By Date Completed

FDID	DeptName	County/City	Survey Number	Date Completed
17307	Sugar Grove Vol. Fire Dept.	Smyth County	1	7/23/2015
19580	Saint Paul Vol. Fire Dept.	Wise County	2	7/23/2015
07702	Fries Vol. Fire Dept.	Grayson County	3	7/23/2015
18516	Thompson Valley Vol. Fire Dept.	Tazewell County	4	7/23/2015
17305	Nebo Vol. Fire Dept.	Smyth County	5	7/23/2015
18515	Bandy Vol. Fire Dept.	Tazewell County	6	7/23/2015
15705	Castleton Community Vol. Fire Dept.	Rappahannock County	7	7/24/2015
02103	Rocky Gap Vol. Fire Dept.	Bland County	8	7/24/2015
10900	Louisa Co. Dept. of Fire & Emerg. Svcs.	Louisa County	9	7/24/2015
17303	Chilhowie Fire Dept.	Smyth County	10	7/24/2015
05701	Tappahannock-Essex Vol. Fire Dept.	Essex County	11	7/24/2015
64000	Galax Vol. Fire Dept.	Galax	12	7/24/2015
67800	Lexington Fire Dept.	Lexington	13	7/24/2015
15704	Flint Hill Vol. Fire Dept.	Rappahannock County	14	7/24/2015
04706	Little Fork Vol. Fire & Rescue	Culpeper County	15	7/25/2015
04705	Rapidan Vol. Fire Dept.	Culpeper County	16	7/25/2015
16307	South River District Vol. Fire Dept.	Rockbridge County	17	7/26/2015
16903	Gate City Vol. Fire Dept.	Scott County	18	7/27/2015
07150	Pearisburg Vol. Fire Dept.	Giles County	19	7/27/2015
14500	Powhatan Co. Fire Dept.	Powhatan County	20	7/27/2015
05300	Dinwiddie Co. Fire & EMS	Dinwiddie County	21	7/27/2015
17304	Marion Vol. Fire Dept.	Smyth County	22	7/27/2015
04501	Johns Creek Vol. Fire Dept.	Craig County	23	7/27/2015
03300	Caroline Co. Fire & Rescue	Caroline County	24	7/27/2015
03114	Gladys Vol. Fire Dept.	Campbell County	25	7/27/2015
17502	Branchville Vol. Fire Dept.	Southampton County	26	7/27/2015
16303	Goshen Vol. Fire Dept.	Rockbridge County	27	7/27/2015
12501	Lovingsston Vol. Fire Dept.	Nelson County	28	7/27/2015
05700	Essex County EMS	Essex County	29	7/28/2015
73500	Poquoson Fire & Rescue	Poquoson	30	7/28/2015
16902	Dungannon Vol. Fire Dept.	Scott County	31	7/28/2015
59000	Danville Fire Dept.	Danville	32	7/29/2015
59500	Emporia Fire Admin.	Emporia	33	7/29/2015
15706	Chester Gap Vol. Fire Dept.	Rappahannock County	34	7/29/2015
18502	Bluefield Virginia Vol. Fire Dept.	Tazewell County	35	7/29/2015
14306	Mount Hermon Vol. Fire & Rescue	Pittsylvania County	36	7/29/2015
04903	Randolph District Vol. Fire Dept.	Cumberland County	37	7/29/2015

2015 Needs Assessment Completed Surveys By Date Completed

FDID	DeptName	County/City	Survey Number	Date Completed
18512	Clearfork Vol. Fire Dept.	Tazewell County	38	7/30/2015
18506	Tazewell Co. Vol. Fire / Rescue	Tazewell County	39	7/30/2015
00506	Sharon Vol. Fire Dept.	Alleghany County	40	7/30/2015
02503	Dolphin Vol. Fire Dept.	Brunswick County	41	7/31/2015
10306	White Stone Vol. Fire Dept.	Lancaster County	42	7/31/2015
02706	Knox Creek Vol. Fire Dept.	Buchanan County	43	8/1/2015
19706	Wytheville Fire Dept.	Wythe County	44	8/8/2015
04702	Culpeper Co. Vol. Fire Dept.	Culpeper County	45	8/4/2015
84000	Winchester Fire & Rescue	Winchester	46	8/5/2015
69000	Martinsville Fire & EMS	Martinsville	47	8/6/2015
03502	Hillsville Vol. Fire Dept.	Carroll County	48	8/7/2015
04701	Brandy Station Vol. Fire Dept.	Culpeper County	49	8/9/2015
00700	Amelia Co. Dept. of Emerg. Mgmt.	Amelia County	50	8/10/2015
02504	Ebony Vol. Fire Dept.	Brunswick County	51	8/10/2015
12103	Christiansburg Vol. Fire Dept.	Montgomery County	52	8/11/2015
78000	South Boston Fire & EMS	Halifax County	53	8/11/2015
15703	Amissville Vol. Fire & Rescue Co.	Rappahannock County	54	8/11/2015
03199	Campbell Co. Dept. of Public Safety	Campbell County	55	8/12/2015
14316	Callands Vol. Fire & Rescue Dept.	Pittsylvania County	56	8/12/2015
04504	New Castle Vol. Fire Dept.	Craig County	57	8/12/2015
03601	Charles City Vol. Fire / EMS	Charles City County	58	8/15/2015
14309	Ringgold Vol. Fire & Rescue	Pittsylvania County	59	8/16/2015
16102	Vinton Vol. Fire Dept.	Roanoke County	60	8/17/2015
82000	Waynesboro Fire Dept.	Waynesboro	61	8/18/2015
57000	Colonial Heights Fire & EMS	Colonial Heights	62	8/19/2015
17900	Stafford Co. Fire & Rescue Dept.	Stafford County	63	8/20/2015
14311	Chatham Vol. Fire Dept.	Pittsylvania County	64	8/20/2015
03117	Evington Vol. Fire Dept.	Campbell County	65	8/21/2015
17506	Ivor Vol. Fire Dept.	Southampton County	66	8/25/2015
19703	Max Meadows Vol. Fire Dept.	Wythe County	67	8/27/2015
07500	Goochland Co. Fire-Rescue & Emerg. Svcs.	Goochland County	68	8/27/2015
14101	Ararat Vol. Fire Dept.	Patrick County	69	8/27/2015
62000	Franklin Fire & Rescue Dept.	Franklin	70	8/27/2015
07160	Pembroke Vol. Fire Dept.	Giles County	71	8/27/2015
60000	Fairfax City Fire Dept.	Fairfax	72	8/27/2015
07130	Narrows Vol. Fire Dept.	Giles County	73	8/27/2015
16100	Roanoke Co. Fire & Rescue	Roanoke County	74	8/27/2015
51500	Bedford Vol. Fire Dept.	Bedford County	75	8/27/2015
14319	Kentuck Vol. Fire Dept.	Pittsylvania County	76	8/27/2015
13303	Fairfields Vol. Fire Dept.	Northumberland County	77	8/27/2015
10511	Blackwater Vol. Fire Dept.	Lee County	78	8/27/2015
18302	Stony Creek Vol. Fire Dept.	Sussex County	79	8/27/2015
18301	Jarratt Vol. Fire Dept.	Sussex County	80	8/27/2015
07903	Dyke Vol. Fire Co., Inc.	Greene County	81	8/28/2015
13117	Eastville Vol. Fire Co., Inc.	Northampton County	82	8/28/2015
73000	Petersburg Fire, Rescue & Emerg. Svcs.	Petersburg	83	8/28/2015

FDID	DeptName	County/City	Survey Number	Date Completed
04300	Clarke Co. Emergency Services	Clarke County	84	8/28/2015
18505	Richlands Fire - Rescue	Tazewell County	85	8/28/2015
16703	Honaker Vol. Fire Dept.	Russell County	86	8/29/2015
17504	Courtland Vol. Fire Dept.	Southampton County	87	8/29/2015
14701	Farmville Vol. Fire Dept.	Prince Edward County	88	8/29/2015
07705	Troutdale Community Vol. Fire Dept.	Grayson County	89	8/29/2015
12106	Riner Vol. Fire Dept.	Montgomery County	90	8/29/2015
17302	Atkins Vol. Fire Dept.	Smyth County	91	8/29/2015
19704	Rural Retreat Vol. Fire Dept.	Wythe County	92	8/30/2015
09702	Lower King & Queen Vol. Fire Dept.	King and Queen County	93	8/30/2015
19550	Big Stone Gap Vol. Fire Dept.	Wise County	94	8/30/2015
10502	Keokee Vol. Fire Dept.	Lee County	95	8/30/2015
15901	Richmond Co. Vol. Fire Dept., Inc.	Richmond County	96	8/30/2015
08311	Virgilina Vol. Fire Dept.	Halifax County	97	8/30/2015
02102	Ceres Vol. Fire Dept.	Bland County	98	8/31/2015
14302	Hurt Vol. Fire Dept.	Pittsylvania County	99	8/31/2015
16701	Cleveland Vol. Fire Dept.	Russell County	100	8/31/2015
06500	Fluvanna Co. Vol. Fire Dept.	Fluvanna County	101	8/31/2015
19530	Appalachia Vol. Fire Dept.	Wise County	102	8/31/2015
07701	Elk Creek Vol. Fire Dept.	Grayson County	103	8/31/2015
66000	Harrisonburg Fire Dept.	Harrisonburg	104	8/31/2015
18508	Baptist Valley Vol. Fire Dept.	Tazewell County	105	9/1/2015
11901	Hartfield Vol. Fire Dept.	Middlesex County	106	9/1/2015
17100	Shenandoah Co. Dept. of Fire & Rescue	Shenandoah County	107	9/1/2015
19705	Speedwell Vol. Fire Dept.	Wythe County	108	9/1/2015
13504	Blackstone Vol. Fire Dept.	Nottoway County	109	9/1/2015
15300	Prince William Co. Dept. of Fire & Rescue	Prince William County	110	9/2/2015
12104	Elliston Vol. Fire Dept.	Montgomery County	111	9/2/2015
08310	Turbeville Vol. Fire Dept.	Halifax County	112	9/2/2015
54000	Charlottesville Fire Dept.	Charlottesville	113	9/2/2015
11101	Kenbridge Fire Dept.	Lunenburg County	114	9/14/2015
19701	Barren Springs Vol. Fire Dept.	Wythe County	115	9/2/2015
65000	Hampton Division of Fire & Rescue	Hampton	116	9/3/2015
83000	Williamsburg Fire Dept.	Williamsburg	117	9/3/2015
16705	Belfast-Rosedale Vol. Fire Dept.	Russell County	118	9/3/2015
09500	James City Co. Fire Dept.	James City County	119	9/3/2015
18517	Cedar Bluff Fire / EMS Dept.	Tazewell County	120	9/3/2015
18303	Wakefield Vol. Fire Dept.	Sussex County	121	9/4/2015
08305	Midway Vol. Fire Dept.	Halifax County	122	9/4/2015
76000	Richmond Dept. Fire & Emergency Services	Richmond	123	9/4/2015
68509	Manassas Park Fire & Rescue Dept.	Manassas Park	124	9/4/2015
17301	Adwolfe Vol. Fire Dept., Inc.	Smyth County	125	9/4/2015
06700	Franklin Co. Dept. of Public Safety	Franklin County	126	9/4/2015
01101	Appomattox Vol. Fire Dept.	Appomattox County	127	9/5/2015
14900	Prince George Fire, EMS & Emerg. Mgmt.	Prince George County	128	9/5/2015
17507	Newsoms Vol. Fire Dept.	Southampton County	129	9/6/2015
14321	Laurel Grove Vol. Fire & Rescue, Inc.	Pittsylvania County	130	9/6/2015

2015 Needs Assessment Completed Surveys By Date Completed

FDID	DeptName	County/City	Survey Number	Date Completed
06504	Lake Monticello Fire Dept. & Rescue Squad	Fluvanna County	131	9/7/2015
09900	King George Co. Dept of Fire, Rescue & Emerg. Svcs.	King George County	132	9/7/2015
02904	Toga Vol. Fire Dept.	Buckingham County	133	9/7/2015
14704	Prospect Vol. Fire Dept.	Prince Edward County	134	9/7/2015
00901	Amherst Vol Fire & EMS Dept.	Amherst County	135	9/7/2015
02104	Grapefield Vol. Fire Dept.	Bland County	136	9/7/2015
14106	Stuart Vol. Fire Dept.	Patrick County	137	9/8/2015
68300	Manassas Fire & Rescue	Manassas	138	9/8/2015
79000	Staunton Fire & Rescue Dept.	Staunton	139	9/8/2015
12506	Wintergreen Vol. Fire & Rescue Dept.	Nelson County	140	9/8/2015
70001	Newport News Fire Dept.	Newport News	141	9/8/2015
01500	Augusta Co. Fire & Rescue	Augusta County	142	9/8/2015
17700	Spotsylvania Co. Fire, Rescue & Emerg. Mgmt.	Spotsylvania County	143	9/8/2015
74000	Portsmouth Fire, Rescue & Emerg. Svcs.	Portsmouth	144	9/8/2015
07902	Stanardsville Vol. Fire Dept.	Greene County	145	9/8/2015
81000	Virginia Beach Fire Dept.	Virginia Beach	146	9/8/2015
19516	Coeburn Vol. Fire Dept.	Wise County	147	9/8/2015
11501	Mathews Vol. Fire Dept., Inc.	Mathews County	148	9/8/2015
14301	Riceville-Java Vol. Fire Dept.	Pittsylvania County	149	9/8/2015
02300	Botetourt Co. Emergency Services	Botetourt County	150	9/8/2015
10506	St. Charles Vol. Fire Dept.	Lee County	151	9/9/2015
11707	South Hill Vol. Fire Dept.	Mecklenburg County	152	9/9/2015
03500	Carroll Co. Fire & Rescue	Carroll County	153	9/9/2015
13115	Cape Charles Vol. Fire Dept.	Northampton County	154	9/10/2015
14308	Climax Vol. Fire Dept.	Pittsylvania County	155	9/10/2015
10700	Loudoun Co. Fire, Rescue & Emerg. Mgmt.	Loudoun County	156	9/10/2015
01300	Arlington Co. Fire Dept.	Arlington County	157	9/10/2015
00300	Albemarle Co. Fire & Rescue	Albemarle County	158	9/10/2015
12700	New Kent Fire - Rescue	New Kent County	159	9/10/2015
52000	Bristol Virginia Fire Dept.	Bristol	160	9/10/2015
18700	Warren Co. Fire & Rescue Services	Warren County	161	9/10/2015
19590	Wise Vol. Fire Dept.	Wise County	162	9/11/2015
07706	Rugby Fire - Rescue	Grayson County	163	9/12/2015
09701	Central King & Queen Vol. Fire Dept.	King and Queen County	164	9/13/2015
16500	Rockingham Co. Dept. of Fire & Rescue	Rockingham County	165	9/14/2015
08500	Hanover Co. Fire & EMS	Hanover County	166	9/14/2015
55000	Chesapeake Fire Dept.	Chesapeake	167	9/15/2015
18507	Tazewell Town Fire Dept.	Tazewell County	168	9/17/2015
14703	Darlington Heights Vol. Fire Dept.	Prince Edward County	169	9/17/2015
51000	Alexandria Fire Dept.	Alexandria	170	9/18/2015
02707	Russell Prater Vol. Fire Dept.	Buchanan County	171	9/18/2015
19120	Abingdon Vol. Fire Dept.	Washington County	172	9/22/2015
02507	Triplet Vol. Fire Dept.	Brunswick County	173	10/1/2015
18511	Tannersville Vol. Fire Dept.	Tazewell County	174	10/11/2015
11903	Middlesex Vol. Fire Dept.	Middlesex County	175	10/19/2015
19702	Ivanhoe Vol. Fire Dept.	Wythe County	176	10/27/2015
71000	Norfolk Fire - Rescue	Norfolk	177	10/29/2015

2015 Needs Assessment Completed Surveys By Date Completed

FDID	DeptName	County/City	Survey Number	Date Completed
58000	Covington Fire Dept.	Covington	178	11/4/2015
19104	Glade Spring Vol. Fire Dept.	Washington County	179	11/5/2015
18103	Surry Vol. Fire Dept.	Surry County	180	11/9/2015
03116	Rustburg Vol. Fire Dept.	Campbell County	181	11/10/2015
12507	Montebello Vol. Fire Dept. & Rescue Squad	Nelson County	182	11/12/2015
19900	York Co. Dept. of Fire & Life Safety	York County	183	11/30/2015
04100	Chesterfield Fire & EMS	Chesterfield County	184	11/30/2015
14104	Meadows of Dan Vol. Fire Dept.	Patrick County	185	11/30/2015
15500	Pulaski Co. Emergency Services	Pulaski County	186	12/3/2015



2015 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	X		
Albemarle County	00300	Albemarle Co. Fire & Rescue	X		
Alleghany County	00501	Boiling Springs Vol. Fire Dept.	X		
	00502	Dunlap Fire & Rescue	X		
	00503	Falling Spring Vol. Fire Dept.	X		
	00504	Iron Gate Vol. Fire Dept.	X		
	00505	Selma Vol. Fire Dept.	X		
	00506	Sharon Vol. Fire Dept.			✓
	56000	Clifton Forge Fire Dept.	X		
Amelia County	00700	Amelia Co. Dept. of Emerg. Mgmt.			✓
Amherst County	00900	Amherst Co. Dept. of Public Safety	X		
	00901	Amherst Vol Fire & EMS Dept.			✓
	00902	Monelison Vol. Fire Dept. & Rescue Squad	X		
	00903	Pedlar Vol. Fire Dept.	X		
Appomattox County	01101	Appomattox Vol. Fire Dept.			✓
	01102	Pamplin Vol. Fire Dept. & EMS	X		
Arlington County	01300	Arlington Co. Fire Dept.			✓
Augusta County	01500	Augusta Co. Fire & Rescue			✓
Bath County	01702	Hot Springs Vol. Fire & Rescue Assoc.	X		
	01703	Millboro Vol. Fire Assoc.	X		
	01704	Mountain Grove Vol. Fire Dept.	X		
Bedford County	01900	Bedford Co. Dept. of Fire & Rescue	X		
	01901	Boonsboro Vol. Fire & Rescue, Inc.	X		
	01902	Forest Vol. Fire Dept.	X		
	01903	Hardy Vol. Fire Dept.	X		
	01904	Huddleston Vol. Fire Dept., Inc.	X		
	01905	Moneta Vol. Fire Dept.	X		
	01907	Montvale Vol. Fire Dept.	X		
	01908	Stewartsville-Chamblissburg Vol. Fire Dept.	X		
	01910	Big Island Vol. Fire Co., Inc.	X		
	01911	Saunders Vol. Fire Dept.	X		

2015 Needs Assessment Fire Department Participation By County/City

County/City	FDID	Fire Department	No Response	In Progress	Complete
Bedford County	01912	Shady Grove Vol. Fire Dept.	X		
	51500	Bedford Vol. Fire Dept.			✓
Bland County	02101	Bland Co. Vol. Fire Dept.	X		
	02102	Ceres Vol. Fire Dept.			✓
	02103	Rocky Gap Vol. Fire Dept.			✓
	02104	Grapefield Vol. Fire Dept.			✓
	02105	Hollybrook-Mechanicsburg Vol. Fire Dept.	X		
	02106	Little Creek Vol. Fire Dept.	X		
Botetourt County	02300	Botetourt Co. Emergency Services			✓
Brunswick County	02501	Alberta Vol. Fire Dept.	X		
	02502	Brodnax Vol. Fire Dept.	X		
	02503	Dolphin Vol. Fire Dept.			✓
	02504	Ebony Vol. Fire Dept.			✓
	02505	Gasburg Vol. Fire Dept.	X		
	02506	Lawrenceville Vol. Fire Dept.	X		
	02507	Triplet Vol. Fire Dept.			✓
Buchanan County	02701	Grundy Vol. Fire Dept.	X		
	02702	Oakwood Vol. Fire Dept., Inc.	X		
	02703	Whitewood Vol. Fire Dept.	X		
	02704	Council Vol. Fire Dept.	X		
	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.	X		
	02709	Harman Vol. Fire Dept.	X		
	02710	Patterson Vol. Fire Dept.	X		
Buckingham County	02901	Arvonias Vol. Fire Dept.	X		
	02902	Dillwyn Vol. Fire Dept.	X		
	02903	Glenmore Vol. Fire Dept.	X		
	02904	Toga Vol. Fire Dept.			✓
Campbell County	03110	Altavista Vol. Fire Dept.	X		
	03111	Brookneal Vol. Fire Dept., Inc.	X		
	03112	Brookville-Timberlake Vol. Fire Dept.	X		
	03113	Concord Vol. Fire Dept.	X		
	03114	Gladys Vol. Fire Dept.			✓
	03115	Lyn-Dan Heights Vol. Fire Dept.	X		
	03116	Rustburg Vol. Fire Dept.			✓
	03117	Evington Vol. Fire Dept.			✓
	03199	Campbell Co. Dept. of Public Safety			✓
Caroline County	03300	Caroline Co. Fire & Rescue			✓

2015 Needs Assessment Fire Department Participation By County/City

County/City	FDID	Fire Department	No Response	In Progress	Complete
Carroll County	03500	Carroll Co. Fire & Rescue			✓
	03501	Cana Vol. Fire Dept.	X		
	03502	Hillsville Vol. Fire Dept.			✓
	03503	Laurel Fork Vol. Fire Dept.	X		
Charles City County	03601	Charles City Vol. Fire / EMS			✓
Charlotte County	03701	Bacon District Vol. Fire Dept.	X		
	03702	Charlotte Court House Vol. Fire Dept.	X		
	03703	Cullen Vol. Fire Dept.	X		
	03704	Drakes Branch Vol. Fire Dept.	X		
Charlotte County	03705	Keysville Vol. Fire Dept.	X		
	03706	Phenix Vol. Fire Dept.	X		
	03707	Red House Vol. Fire Dept.	X		
Chesterfield County	04100	Chesterfield Fire & EMS			✓
Clarke County	04300	Clarke Co. Emergency Services			✓
	04301	John H. Enders Vol. Fire Dept.	X		
	04304	Boyce Vol. Fire Co., Inc.	X		
	04308	Blue Ridge Vol. Fire / Rescue Co.	X		
Craig County	04501	Johns Creek Vol. Fire Dept.			✓
	04502	Paint Bank Vol. Fire Dept.	X		
	04503	Simmons ville Vol. Fire Dept.	X		
	04504	New Castle Vol. Fire Dept.			✓
	04505	Upper Craigs Creek Vol. Fire Dept.	X		
Culpeper County	04701	Brandy Station Vol. Fire Dept.			✓
	04702	Culpeper Co. Vol. Fire Dept.			✓
	04703	Richardsville Vol. Fire Dept.	X		
	04704	Salem Vol. Fire / Rescue	X		
	04705	Rapidan Vol. Fire Dept.			✓
	04706	Little Fork Vol. Fire & Rescue			✓
	04707	Reva Vol. Fire & Rescue Dept.	X		
Cumberland County	04901	Cartersville Vol. Fire Dept.	X		
	04902	Cumberland Vol. Fire Dept.	X		
	04903	Randolph District Vol. Fire Dept.			✓
Dickenson County	05101	Clintwood Vol. Fire Dept.	X		
	05102	Haysi Vol. Fire Dept.	X		
	05103	Clinchco Vol. Fire Dept.	X		
	05104	Sandy Ridge Vol. Fire Dept.	X		
Dinwiddie County	05300	Dinwiddie Co. Fire & EMS			✓
Essex County	05700	Essex County EMS			✓
	05701	Tappahannock-Essex Vol. Fire Dept.			✓
Fairfax County	05900	Fairfax Co. Fire & Rescue Dept.	X		

2015 Needs Assessment Fire Department Participation By County/City

County/City	FDID	Fire Department	No Response	In Progress	Complete
Fauquier County	06100	Fauquier Co. Dept. of Fire, Rescue and Emerg. Mgmt.	X		
	06101	Warrenton Vol. Fire Co.	X		
	06102	Remington Vol. Fire & Rescue Dept., Inc.	X		
	06103	Marshall Vol. Fire Dept.	X		
	06104	The Plains Vol. Fire & Rescue	X		
	06105	Upperville Vol. Fire Co.	X		
	06107	Catlett Vol. Fire & Rescue Co.	X		
	06108	Goldvein Vol. Fire Dept.	X		
	06109	Marshall Vol. Rescue Squad	X		
	06110	New Baltimore Vol. Fire & Rescue	X		
	06111	Orlean Vol. Fire Dept.	X		
	06113	Lois Vol. Fire Dept.	X		
Floyd County	06300	Floyd Co. Dept. of Emerg. Mgmt.	X		
Fluvanna County	06500	Fluvanna Co. Vol. Fire Dept.	X		
Fluvanna County	06504	Lake Monticello Fire Dept. & Rescue Squad			✓
Franklin County	06700	Franklin Co. Dept. of Public Safety			✓
Frederick County	06900	Frederick Co. Fire & Rescue Dept.	X		
Giles County	07110	Eggleston Vol. Fire Dept.	X		
	07120	Glen Lyn Vol. Fire Dept.	X		
	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.	X		
Gloucester County	07301	Abingdon Vol. Fire & Rescue, Inc.	X		
	07310	Gloucester Vol. Fire & Rescue	X		
Goochland County	07500	Goochland Co. Fire-Rescue & Emerg. Svcs.			✓
Grayson County	07701	Elk Creek Vol. Fire Dept.			✓
	07702	Fries Vol. Fire Dept.			✓
	07703	Independence Vol. Fire Dept.	X		
	07704	Mount Rogers Vol. Fire Dept.	X		
	07705	Troutdale Community Vol. Fire Dept.			✓
	07706	Rugby Fire - Rescue			✓
Greene County	07901	Ruckersville Vol. Fire Co.	X		
	07902	Stanardsville Vol. Fire Dept.			✓
	07903	Dyke Vol. Fire Co., Inc.			✓

2015 Needs Assessment Fire Department Participation By County/City

County/City	FDID	Fire Department	No Response	In Progress	Complete
Halifax County	08300	Halifax Co. Emergency Services	X		
	08301	Clover Vol. Fire Dept.	X		
	08302	Cluster Springs Vol. Fire Dept.	X		
	08303	Halifax Vol. Fire Dept.	X		
	08304	Liberty Vol. Fire Dept.	X		
	08305	Midway Vol. Fire Dept.			✓
	08306	North Halifax Fire Dept.	X		
	08307	Oak Level Vol. Fire Dept.	X		
	08308	Scottsburg Vol. Fire Dept.	X		
	08309	Triangle Vol. Fire Dept.	X		
	08310	Turbeville Vol. Fire Dept.			✓
	08311	Virgilina Vol. Fire Dept.			✓
	78000	South Boston Fire & EMS			✓
Hanover County	08500	Hanover Co. Fire & EMS			✓
Henrico County	08700	Henrico County - Division of Fire & Rescue	X		
Henry County	08900	Henry Co. Dept. of Public Safety	X		
Highland County	09101	Highland Co. Vol. Fire Dept.	X		
	09102	McDowell Vol. Fire Dept.	X		
	09103	Bath-Highland Vol. Fire Dept.	X		
	09104	Bolar Vol. Fire Dept.	X		
Isle of Wight County	09301	Carrollton Vol. Fire Dept.	X		
	09302	Carrsville Vol. Fire Dept.	X		
	09303	Smithfield Vol. Fire Dept., Inc.	X		
	09304	Windsor Vol. Fire Dept.	X		
	09305	Rushmere Vol. Fire Dept.	X		
	09390	Isle of Wight Co. Dept. of Emerg. Svcs.	X		
James City County	09500	James City Co. Fire Dept.			✓
King and Queen County	09700	King & Queen Co. Dept. of Emerg. Svcs.	X		
	09701	Central King & Queen Vol. Fire Dept.			✓
	09702	Lower King & Queen Vol. Fire Dept.			✓
	09703	Upper King & Queen Vol. Fire Dept.	X		
	09704	Walkerton Comm. Fire Assoc.	X		
King George County	09900	King George Co. Dept of Fire, Rescue & Emerg. Svcs.			✓
King William County	10100	King William Co. Emergency Services	X		
Lancaster County	10306	White Stone Vol. Fire Dept.			✓
	10307	Upper Lancaster Vol. Fire Dept.	X		
	10308	Kilmarnock Vol. Fire Dept.	X		
Lee County	10501	Jonesville Vol. Fire Dept.	X		
	10502	Keokee Vol. Fire Dept.			✓

2015 Needs Assessment Fire Department Participation By County/City

County/City	FDID	Fire Department	No Response	In Progress	Complete
Lee County	10503	Pennington Gap Vol. Fire Dept.	X		
	10504	Thomas Walker Vol. Fire Dept. # 1	X		
	10505	Dryden Vol. Fire Dept.	X		
	10506	St. Charles Vol. Fire Dept.			✓
	10508	Thomas Walker Vol. Fire Dept. # 2	X		
	10509	Stickleyville Vol. Fire Dept.	X		
	10511	Blackwater Vol. Fire Dept.			✓
	10512	Jasper Vol. Fire Dept., Inc.	X		
Loudoun County	10700	Loudoun Co. Fire, Rescue & Emerg. Mgmt.			✓
Louisa County	10900	Louisa Co. Dept. of Fire & Emerg. Svcs.			✓
Lunenburg County	11101	Kenbridge Fire Dept.			✓
	11102	Meherrin Vol. Fire & Rescue	X		
	11103	Victoria Vol. Fire & Rescue, Inc.	X		
Madison County	11301	Madison Co. Vol. Fire Dept.	X		
Mathews County	11501	Mathews Vol. Fire Dept., Inc.			✓
Mecklenburg County	11701	Boydton Vol. Fire Dept., Inc.	X		
	11702	Buckhorn Vol. Fire Dept.	X		
	11703	Chase City Vol. Fire Dept.	X		
	11704	Clarksville Vol. Fire Dept.	X		
	11705	LaCrosse Vol. Fire Dept.	X		
	11706	Palmer Springs Vol. Fire Dept., Inc.	X		
	11707	South Hill Vol. Fire Dept.			✓
	11708	Lake Gaston Vol. Fire Dept.	X		
Middlesex County	11901	Hartfield Vol. Fire Dept.			✓
	11902	Lower Middlesex Vol. Fire Dept.	X		
	11903	Middlesex Vol. Fire Dept.			✓
	11904	Upper Middlesex Vol. Fire Dept.	X		
Montgomery County	12102	Blacksburg Vol. Fire Dept.	X		
	12103	Christiansburg Vol. Fire Dept.			✓
	12104	Elliston Vol. Fire Dept.			✓
	12105	Longshop-McCoy Vol. Fire Dept.	X		
	12106	Riner Vol. Fire Dept.			✓
Nelson County	12501	Lovington Vol. Fire Dept.			✓
	12502	Piney River Vol. Fire Dept.	X		
	12503	Faber Vol. Fire Dept.	X		
	12504	Gladstone Vol. Fire & Rescue Service	X		
	12505	Rockfish Valley Vol. Fire Dept.	X		
	12506	Wintergreen Vol. Fire & Rescue Dept.			✓
	12507	Montebello Vol. Fire Dept. & Rescue Squad			✓

2015 Needs Assessment Fire Department Participation By County/City

County/City	FDID	Fire Department	No Response	In Progress	Complete
New Kent County	12700	New Kent Fire - Rescue			✓
Northampton County	13113	Community Fire Co., Inc.	X		
	13114	Cheriton Vol. Fire Dept.	X		
	13115	Cape Charles Vol. Fire Dept.			✓
	13116	Northampton Fire & Rescue, Inc.	X		
	13117	Eastville Vol. Fire Co., Inc.			✓
Northumberland County	13302	Callao Vol. Fire Dept., Inc.	X		
	13303	Fairfields Vol. Fire Dept.			✓
Nottoway County	13502	Burkeville Vol. Fire Dept.	X		
	13503	Crewe Vol. Fire Dept.	X		
	13504	Blackstone Vol. Fire Dept.			✓
Orange County	13700	Orange Co. Fire & EMS	X		
Page County	13900	Page Co. Fire & EMS	X		
	13901	Luray Vol. Fire Dept.	X		
	13902	Shenandoah Vol. Fire Co., Inc.	X		
	13903	Stanley Vol. Fire Dept.	X		
Patrick County	14100	Patrick Co. Dept. of Emerg. Mgmt.	X		
	14101	Ararat Vol. Fire Dept.			✓
	14102	CCDF Vol. Fire Dept.	X		
	14104	Meadows of Dan Vol. Fire Dept.			✓
	14105	Moorefield Store Vol. Fire Dept.	X		
	14106	Stuart Vol. Fire Dept.			✓
	14107	Patrick-Henry Vol. Fire Dept.	X		
	14108	Woolwine Vol. Fire Dept.	X		
	14109	Fairystone Vol. Fire Dept.	X		
	14110	Patrick Springs Vol. Fire Dept.	X		
Pittsylvania County	14301	Riceville-Java Vol. Fire Dept.			✓
	14302	Hurt Vol. Fire Dept.			✓
	14303	Renan Vol. Fire Dept.	X		
	14304	Riverbend Vol. Fire Dept.	X		
	14305	Tunstall Vol. Fire & Rescue	X		
	14306	Mount Hermon Vol. Fire & Rescue			✓
	14307	Mount Cross Vol. Fire Dept.	X		
	14308	Climax Vol. Fire Dept.			✓
	14309	Ringgold Vol. Fire & Rescue			✓
	14310	Bachelors Hall Vol. Fire Dept.	X		
	14311	Chatham Vol. Fire Dept.			✓
	14312	Gretna Vol. Fire Dept.	X		
	14313	Brosville Community Vol. Fire Dept.	X		

2015 Needs Assessment Fire Department Participation By County/City

County/City	FDID	Fire Department	No Response	In Progress	Complete
Pittsylvania County	14314	Cool Branch Vol. Fire Dept.	X		
	14315	Blairs Vol. Fire Dept.	X		
	14316	Callands Vol. Fire & Rescue Dept.			✓
	14317	Dry Fork Vol. Fire Dept.	X		
	14318	Cascade Vol. Fire Dept.	X		
	14319	Kentuck Vol. Fire Dept.			✓
	14320	Keeling Vol. Fire Dept.	X		
	14321	Laurel Grove Vol. Fire & Rescue, Inc.			✓
Powhatan County	14500	Powhatan Co. Fire Dept.			✓
Prince Edward County	14701	Farmville Vol. Fire Dept.			✓
	14702	Hampden-Sydney Vol. Fire Dept.	X		
	14703	Darlington Heights Vol. Fire Dept.			✓
	14704	Prospect Vol. Fire Dept.			✓
	14705	Rice Vol. Fire Dept.	X		
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.	X		
Rappahannock County	15701	Washington Vol. Fire & Rescue, Inc.	X		
	15702	Sperryville Vol. Fire Dept.	X		
	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. Svcs.	X		
	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.	X		
	16302	Glasgow Vol. Fire Dept.	X		
	16303	Goshen Vol. Fire Dept.			✓
	16304	Kerrs Creek Vol. Fire Dept.	X		
	16305	Raphine Vol. Fire Co., Inc.	X		
	16306	Rockbridge Baths Vol. Fire Dept.	X		
	16307	South River District Vol. Fire Dept.			✓
	16308	Walkers Creek Vol. Fire Dept.	X		
	16309	Natural Bridge Vol. Fire Dept.	X		
Rockingham County	16500	Rockingham Co. Dept. of Fire & Rescue			✓

County/City	FDID	Fire Department	No Response	In Progress	Complete
Russell County	16701	Cleveland Vol. Fire Dept.			✓
	16702	Dante Vol. Fire Dept.	X		
	16703	Honaker Vol. Fire Dept.			✓
	16704	Lebanon Vol. Fire Dept.	X		
	16705	Belfast-Rosedale Vol. Fire Dept.			✓
	16706	Copper Creek-Moccasin Vol. Fire Dept.	X		
	16707	Castlewood Fire & Rescue	X		
Scott County	16901	Duffield Vol. Fire & Rescue	X		
	16902	Dungannon Vol. Fire Dept.			✓
	16903	Gate City Vol. Fire Dept.			✓
	16904	Hiltons Vol. Fire Dept.	X		
	16905	Nickelsville Vol. Fire Dept.	X		
	16906	Weber City Vol. Fire Dept.	X		
	16907	Fort Blackmore Vol. Fire Dept.	X		
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.			✓
	17304	Marion Vol. Fire Dept.			✓
	17305	Nebo Vol. Fire Dept.			✓
	17306	Saltville Vol. Fire Dept.	X		
	17307	Sugar Grove Vol. Fire Dept.			✓
Southampton County	17501	Boykins Vol. Fire Dept. & Rescue Squad, Inc.	X		
	17502	Branchville Vol. Fire Dept.			✓
	17503	Capron Vol. Fire Dept. & First Aid Squad, Inc.	X		
	17504	Courtland Vol. Fire Dept.			✓
	17506	Ivor Vol. Fire Dept.			✓
	17507	Newsoms Vol. Fire Dept.			✓
	17508	Sedley Vol. Fire Dept.	X		
	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.	X		
	18102	Dendron Vol. Fire Dept.	X		
	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.	X		
	18305	Sussex Courthouse Vol. Fire Dept.	X		

2015 Needs Assessment Fire Department Participation By County/City

County/City	FDID	Fire Department	No Response	In Progress	Complete
Tazewell County	18501	Abbs Valley-Bossievain Vol. Fire Dept.	X		
	18502	Bluefield Virginia Vol. Fire Dept.			✓
	18503	Jewell Ridge Vol. Fire Dept.	X		
	18504	Pocahontas Vol. Fire Dept.	X		
	18505	Richlands Fire - Rescue			✓
	18506	Tazewell Co. Vol. Fire / Rescue			✓
	18507	Tazewell Town Fire Dept.			✓
	18508	Baptist Valley Vol. Fire Dept.			✓
	18509	Bishop Vol. Fire Dept.	X		
	18510	Burkes Garden Vol. Fire Dept.	X		
	18511	Tannersville Vol. Fire Dept.			✓
	18512	Clearfork Vol. Fire Dept.			✓
	18513	DAD Vol. Fire Dept.	X		
	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.	X		
	19104	Glade Spring Vol. Fire Dept.			✓
	19105	Meadowview Vol. Fire Dept.	X		
	19107	Green Spring Vol. Fire Dept.	X		
	19108	Clinch Mountain Vol. Fire Dept.	X		
	19110	Washington Co. Fire & Rescue	X		
	19111	Goodson-Kinderhook Vol. Fire Dept.	X		
	19112	Brumley Gap Vol. Fire Dept.	X		
	19120	Abingdon Vol. Fire Dept.			✓
Westmoreland County	19301	Colonial Beach Vol. Fire Dept.	X		
	19302	Cople District Vol. Fire Dept.	X		
	19303	Oak Grove Vol. Fire Dept.	X		
	19304	Westmoreland Vol. Fire Dept.	X		
Wise County	19501	Valley Vol. Fire Dept.	X		
	19516	Coeburn Vol. Fire Dept.			✓
	19530	Appalachia Vol. Fire Dept.			✓
	19550	Big Stone Gap Vol. Fire Dept.			✓
	19570	Pound Vol. Fire Dept.	X		
	19580	Saint Paul Vol. Fire Dept.			✓
	19590	Wise Vol. Fire Dept.			✓

2015 Needs Assessment Fire Department Participation By County/City

County/City	FDID	Fire Department	No Response	In Progress	Complete
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.			✓
Bristol	52000	Bristol Virginia Fire Dept.			✓
Buena Vista	53000	Buena Vista Fire Dept.	X		
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.			✓
Fairfax	60000	Fairfax City Fire Dept.			✓
Falls Church	61000	Falls Church Vol. Fire Dept.	X		
Franklin	62000	Franklin Fire & Rescue Dept.			✓
Fredericksburg	63000	Fredericksburg Fire Dept.	X		
Galax	64000	Galax Vol. Fire Dept.			✓
Hampton	65000	Hampton Division of Fire & Rescue			✓
Harrisonburg	66000	Harrisonburg Fire Dept.			✓
Hopewell	67000	Hopewell Bureau of Fire	X		
Lexington	67800	Lexington Fire Dept.			✓
Lynchburg	68000	Lynchburg Fire Dept.			
Manassas	68300	Manassas Fire & Rescue			✓
	68301	Manassas Vol. Fire Co.	X		
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.	X		
Petersburg	73000	Petersburg Fire, Rescue & Emerg. Svcs.			✓
Poquoson	73500	Poquoson Fire & Rescue			✓
Portsmouth	74000	Portsmouth Fire, Rescue & Emerg. Svcs.			✓
Radford	75000	Radford Fire & Rescue Dept.	X		

2015 Needs Assessment Fire Department Participation By County/City

County/City	FDID	Fire Department	No Response	In Progress	Complete
Richmond	76000	Richmond Dept. Fire & Emergency Services			✓
Roanoke	77000	Roanoke City Fire & EMS	X		
Salem	77500	Salem Fire & EMS Dept.			✓
Staunton	79000	Staunton Fire & Rescue Dept.	X		
Suffolk	80000	Suffolk Dept. of Fire & Rescue	X		
Virginia Beach	81000	Virginia Beach Fire Dept.			✓
Waynesboro	82000	Waynesboro Fire Dept.			✓
Williamsburg	83000	Williamsburg Fire Dept.			✓
Winchester	84000	Winchester Fire & Rescue			✓



Virginia Department of Fire Programs

2015 Needs Assessment Survey Non-Respondents By County/City

County/City	FDID	DeptName	Area
Accomack County	00100	Accomack Co. Dept. of Public Safety	Division 5 - Hampton
Alleghany County	00501	Boiling Springs Vol. Fire Dept.	Division 6 - Roanoke
	00502	Dunlap Fire & Rescue	Division 6 - Roanoke
	00503	Falling Spring Vol. Fire Dept.	Division 6 - Roanoke
	00504	Iron Gate Vol. Fire Dept.	Division 6 - Roanoke
	00505	Selma Vol. Fire Dept.	Division 6 - Roanoke
Amherst County	00900	Amherst Co. Dept. of Public Safety	Division 3 - Farmville
	00902	Monelison Vol. Fire Dept. & Rescue Squad	Division 3 - Farmville
	00903	Pedlar Vol. Fire Dept.	Division 3 - Farmville
Appomattox County	01102	Pamplin Vol. Fire Dept. & EMS	Division 3 - Farmville
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
	01901	Boonsboro Vol. Fire & Rescue, Inc.	Division 6 - Roanoke
	01902	Forest Vol. Fire Dept.	Division 6 - Roanoke
	01903	Hardy Vol. Fire Dept.	Division 6 - Roanoke
	01904	Huddleston Vol. Fire Dept., Inc.	Division 6 - Roanoke
	01905	Moneta Vol. Fire Dept.	Division 6 - Roanoke
	01907	Montvale Vol. Fire Dept.	Division 6 - Roanoke
	01908	Stewartsville-Chamblissburg Vol. Fire Dept.	Division 6 - Roanoke
	01910	Big Island Vol. Fire Co., Inc.	Division 6 - Roanoke
	01911	Saunders Vol. Fire Dept.	Division 6 - Roanoke
	01912	Shady Grove Vol. Fire Dept.	Division 6 - Roanoke
Bland County	02101	Bland Co. Vol. Fire Dept.	Division 4 - Chilhowie
	02105	Hollybrook-Mechanicsburg Vol. Fire Dept.	Division 4 - Chilhowie
	02106	Little Creek Vol. Fire Dept.	Division 4 - Chilhowie
Brunswick County	02501	Alberta Vol. Fire Dept.	Division 5 - Hampton
	02502	Brodnax Vol. Fire Dept.	Division 5 - Hampton
	02505	Gasburg Vol. Fire Dept.	Division 5 - Hampton
	02506	Lawrenceville Vol. Fire Dept.	Division 5 - Hampton
Buchanan County	02701	Grundy Vol. Fire Dept.	Division 4 - Chilhowie
	02702	Oakwood Vol. Fire Dept., Inc.	Division 4 - Chilhowie
	02703	Whitewood Vol. Fire Dept.	Division 4 - Chilhowie
	02704	Council Vol. Fire Dept.	Division 4 - Chilhowie
	02705	Big Rock Vol. Fire Dept.	Division 4 - Chilhowie
	02708	Slate Creek Vol. Fire Dept.	Division 4 - Chilhowie
	02709	Harman Vol. Fire Dept.	Division 4 - Chilhowie
	02710	Patterson Vol. Fire Dept.	Division 4 - Chilhowie

2015 Needs Assessment Survey Non-Respondents By County/City

County/City	FDID	DeptName	Area
Buckingham County	02901	Arvonias Vol. Fire Dept.	Division 3 - Farmville
	02902	Dillwyn Vol. Fire Dept.	Division 3 - Farmville
	02903	Glenmore Vol. Fire Dept.	Division 3 - Farmville
Campbell County	03110	Altavista Vol. Fire Dept.	Division 3 - Farmville
Campbell County	03111	Brookneal Vol. Fire Dept., Inc.	Division 3 - Farmville
	03112	Brookville-Timberlake Vol. Fire Dept.	Division 3 - Farmville
	03113	Concord Vol. Fire Dept.	Division 3 - Farmville
	03115	Lyn-Dan Heights Vol. Fire Dept.	Division 3 - Farmville
Carroll County	03501	Cana Vol. Fire Dept.	Division 4 - Chilhowie
	03503	Laurel Fork Vol. Fire Dept.	Division 4 - Chilhowie
Charlotte County	03701	Bacon District Vol. Fire Dept.	Division 3 - Farmville
	03702	Charlotte Court House Vol. Fire Dept.	Division 3 - Farmville
	03703	Cullen Vol. Fire Dept.	Division 3 - Farmville
	03704	Drakes Branch Vol. Fire Dept.	Division 3 - Farmville
	03705	Keysville Vol. Fire Dept.	Division 3 - Farmville
	03706	Phenix Vol. Fire Dept.	Division 3 - Farmville
	03707	Red House Vol. Fire Dept.	Division 3 - Farmville
Clarke County	04301	John H. Enders Vol. Fire Dept.	Division 2 - Orange
	04304	Boyce Vol. Fire Co., Inc.	Division 2 - Orange
	04306	Shenandoah Farms Vol. Fire Dept.	Division 2 - Orange
	04308	Blue Ridge Vol. Fire / Rescue Co.	Division 2 - Orange
Craig County	04502	Paint Bank Vol. Fire Dept.	Division 6 - Roanoke
	04503	Simmons ville Vol. Fire Dept.	Division 6 - Roanoke
	04505	Upper Craigs Creek Vol. Fire Dept.	Division 6 - Roanoke
Culpeper County	04703	Richardsville Vol. Fire Dept.	Division 2 - Orange
	04704	Salem Vol. Fire / Rescue	Division 2 - Orange
	04707	Reva Vol. Fire & Rescue Dept.	Division 2 - Orange
Cumberland County	04901	Cartersville Vol. Fire Dept.	Division 3 - Farmville
	04902	Cumberland Vol. Fire Dept.	Division 3 - Farmville
Dickenson County	05101	Clintwood Vol. Fire Dept.	Division 4 - Chilhowie
	05102	Haysi Vol. Fire Dept.	Division 4 - Chilhowie
	05103	Clinchco Vol. Fire Dept.	Division 4 - Chilhowie
	05104	Sandy Ridge Vol. Fire Dept.	Division 4 - Chilhowie
Fairfax County	05900	Fairfax Co. Fire & Rescue Dept.	Division 7 - Fairfax
Fauquier County	06100	Fauquier Co. Dept. of Fire, Rescue and Emerg. Mgmt.	Division 2 - Orange
	06101	Warrenton Vol. Fire Co.	Division 2 - Orange
	06102	Remington Vol. Fire & Rescue Dept., Inc.	Division 2 - Orange
	06103	Marshall Vol. Fire Dept.	Division 2 - Orange
	06104	The Plains Vol. Fire & Rescue	Division 2 - Orange
	06105	Upperville Vol. Fire Co.	Division 2 - Orange
	06107	Catlett Vol. Fire & Rescue Co.	Division 2 - Orange
	06108	Goldvein Vol. Fire Dept.	Division 2 - Orange
	06109	Marshall Vol. Rescue Squad	Division 2 - Orange
	06110	New Baltimore Vol. Fire & Rescue	Division 2 - Orange
	06111	Orlean Vol. Fire Dept.	Division 2 - Orange
	06113	Lois Vol. Fire Dept.	Division 2 - Orange
Floyd County	06300	Floyd Co. Dept. of Emerg. Mgmt.	Division 6 - Roanoke

2015 Needs Assessment Survey Non-Respondents By County/City

County/City	FDID	DeptName	Area
Franklin County	06711	Company One Vol. Fire Dept.	Division 6 - Roanoke
Frederick County	06900	Frederick Co. Fire & Rescue 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
	07180	Rich Creek Vol. Fire Dept.	Division 4 - Chilhowie
Gloucester County	07301	Abingdon Vol. Fire & Rescue, Inc.	Division 5 - Hampton
	07310	Gloucester Vol. Fire & Rescue	Division 5 - Hampton
Grayson County	07703	Independence Vol. Fire Dept.	Division 4 - Chilhowie
Grayson County	07704	Mount Rogers Vol. Fire Dept.	Division 4 - Chilhowie
Greene County	07901	Ruckersville Vol. Fire Co.	Division 3 - Farmville
Halifax County	08300	Halifax Co. Emergency Services	Division 3 - Farmville
	08301	Clover Vol. Fire Dept.	Division 3 - Farmville
	08302	Cluster Springs Vol. Fire Dept.	Division 3 - Farmville
	08303	Halifax Vol. Fire Dept.	Division 3 - Farmville
	08304	Liberty Vol. Fire Dept.	Division 3 - Farmville
	08306	North Halifax Fire Dept.	Division 3 - Farmville
	08307	Oak Level Vol. Fire Dept.	Division 3 - Farmville
	08308	Scottsburg Vol. Fire Dept.	Division 3 - Farmville
	08309	Triangle Vol. Fire Dept.	Division 3 - Farmville
Henrico County	08700	Henrico County - Division of Fire & Rescue	Division 1 - Richmond
Henry County	08900	Henry Co. Dept. of Public Safety	Division 6 - Roanoke
Highland County	09101	Highland Co. Vol. Fire Dept.	Division 6 - Roanoke
	09102	McDowell Vol. Fire Dept.	Division 6 - Roanoke
	09103	Bath-Highland Vol. Fire Dept.	Division 6 - Roanoke
	09104	Bolar Vol. Fire Dept.	Division 6 - Roanoke
Isle of Wight County	09301	Carrollton Vol. Fire Dept.	Division 5 - Hampton
	09302	Carrsville Vol. Fire Dept.	Division 5 - Hampton
	09303	Smithfield Vol. Fire Dept., Inc.	Division 5 - Hampton
	09304	Windsor Vol. Fire Dept.	Division 5 - Hampton
	09305	Rushmere Vol. Fire Dept.	Division 5 - Hampton
	09390	Isle of Wight Co. Dept. of Emerg. Svcs.	Division 5 - Hampton
King and Queen County	09700	King & Queen Co. Dept. of Emerg. Svcs.	Division 1 - Richmond
	09703	Upper King & Queen Vol. Fire Dept.	Division 1 - Richmond
	09704	Walkerton Comm. Fire Assoc.	Division 1 - Richmond
King William County	10100	King William Co. Emergency Services	Division 1 - Richmond
Lancaster County	10307	Upper Lancaster Vol. Fire Dept.	Division 1 - Richmond
	10308	Kilmarnock Vol. Fire Dept.	Division 1 - Richmond
Lee County	10501	Jonesville Vol. Fire Dept.	Division 4 - Chilhowie
	10503	Pennington Gap Vol. Fire Dept.	Division 4 - Chilhowie
	10504	Thomas Walker Vol. Fire Dept. # 1	Division 4 - Chilhowie
	10505	Dryden Vol. Fire Dept.	Division 4 - Chilhowie
	10508	Thomas Walker Vol. Fire Dept. # 2	Division 4 - Chilhowie
	10509	Sticklebyville Vol. Fire Dept.	Division 4 - Chilhowie
	10512	Jasper Vol. Fire Dept., Inc.	Division 4 - Chilhowie

County/City	FDID	DeptName	Area
Lunenburg County	11102	Meherrin Vol. Fire & Rescue	Division 3 - Farmville
	11103	Victoria Vol. Fire & Rescue, Inc.	Division 3 - Farmville
Madison County	11301	Madison Co. Vol. Fire Dept.	Division 2 - Orange
Mecklenburg County	11701	Boynton Vol. Fire Dept., Inc.	Division 3 - Farmville
	11702	Buckhorn Vol. Fire Dept.	Division 3 - Farmville
	11703	Chase City Vol. Fire Dept.	Division 3 - Farmville
	11704	Clarksville Vol. Fire Dept.	Division 3 - Farmville
	11705	LaCrosse Vol. Fire Dept.	Division 3 - Farmville
	11706	Palmer Springs Vol. Fire Dept., Inc.	Division 3 - Farmville
	11708	Lake Gaston Vol. Fire Dept.	Division 3 - Farmville
Middlesex County	11902	Lower Middlesex Vol. Fire Dept.	Division 5 - Hampton
	11904	Upper Middlesex Vol. Fire Dept.	Division 5 - Hampton
Montgomery County	12102	Blacksburg Vol. Fire Dept.	Division 6 - Roanoke
	12105	Longshop-McCoy Vol. Fire Dept.	Division 6 - Roanoke
Nelson County	12502	Piney River Vol. Fire Dept.	Division 3 - Farmville
	12503	Faber Vol. Fire Dept.	Division 3 - Farmville
	12504	Gladstone Vol. Fire & Rescue Service	Division 3 - Farmville
Nelson County	12505	Rockfish Valley Vol. Fire Dept.	Division 3 - Farmville
Northampton County	13113	Community Fire Co., Inc.	Division 5 - Hampton
	13114	Cheriton Vol. Fire Dept.	Division 5 - Hampton
	13116	Northampton Fire & Rescue, Inc.	Division 5 - Hampton
Northumberland County	13302	Callao Vol. Fire Dept., Inc.	Division 1 - Richmond
Nottoway County	13502	Burkeville Vol. Fire Dept.	Division 1 - Richmond
	13503	Crewe Vol. Fire Dept.	Division 1 - Richmond
Orange County	13700	Orange Co. Fire & EMS	Division 2 - Orange
Page County	13900	Page Co. Fire & EMS	Division 2 - Orange
	13901	Luray Vol. Fire Dept.	Division 2 - Orange
	13902	Shenandoah Vol. Fire Co., Inc.	Division 2 - Orange
	13903	Stanley Vol. Fire Dept.	Division 2 - Orange
Patrick County	14100	Patrick Co. Dept. of Emerg. Mgmt.	Division 6 - Roanoke
	14102	CCDF Vol. Fire Dept.	Division 6 - Roanoke
	14105	Moorefield Store Vol. Fire Dept.	Division 6 - Roanoke
	14107	Patrick-Henry Vol. Fire Dept.	Division 6 - Roanoke
	14108	Woolwine Vol. Fire Dept.	Division 6 - Roanoke
	14109	Fairystone Vol. Fire Dept.	Division 6 - Roanoke
	14110	Patrick Springs Vol. Fire Dept.	Division 6 - Roanoke
Pittsylvania County	14303	Renan Vol. Fire Dept.	Division 6 - Roanoke
	14304	Riverbend Vol. Fire Dept.	Division 6 - Roanoke
	14305	Tunstall Vol. Fire & Rescue	Division 6 - Roanoke
	14307	Mount Cross Vol. Fire Dept.	Division 6 - Roanoke
	14310	Bachelors Hall Vol. Fire Dept.	Division 6 - Roanoke
	14312	Gretna Vol. Fire Dept.	Division 6 - Roanoke
	14313	Brosville Community Vol. Fire Dept.	Division 6 - Roanoke
	14314	Cool Branch Vol. Fire Dept.	Division 6 - Roanoke
	14315	Blairs Vol. Fire Dept.	Division 6 - Roanoke

2015 Needs Assessment Survey Non-Respondents By County/City

County/City	FDID	DeptName	Area
Pittsylvania County	14317	Dry Fork Vol. Fire Dept.	Division 6 - Roanoke
	14318	Cascade Vol. Fire Dept.	Division 6 - Roanoke
	14320	Keeling Vol. Fire Dept.	Division 6 - Roanoke
	14399	Pittsylvania Co. Fire & Rescue Assoc.	Division 6 - Roanoke
Prince Edward County	14702	Hampden-Sydney Vol. Fire Dept.	Division 3 - Farmville
	14705	Rice Vol. Fire Dept.	Division 3 - Farmville
Pulaski County	15506	Pulaski Fire Dept.	Division 4 - Chilhowie
Rappahannock County	15701	Washington Vol. Fire & Rescue, Inc.	Division 2 - Orange
	15702	Sperryville Vol. Fire Dept.	Division 2 - Orange
	15706	Chester Gap Vol. Fire Dept.	Division 2 - Orange
Richmond County	15900	Richmond Co. Dept. of Emerg. Svcs.	Division 1 - Richmond
Rockbridge County	16301	Effinger Vol. Fire Dept.	Division 6 - Roanoke
	16302	Glasgow Vol. Fire Dept.	Division 6 - Roanoke
	16304	Kerrs Creek Vol. Fire Dept.	Division 6 - Roanoke
	16305	Raphine Vol. Fire Co., Inc.	Division 6 - Roanoke
	16306	Rockbridge Baths Vol. Fire Dept.	Division 6 - Roanoke
	16308	Walkers Creek Vol. Fire Dept.	Division 6 - Roanoke
	16309	Natural Bridge Vol. Fire Dept.	Division 6 - Roanoke
Russell County	16702	Dante Vol. Fire Dept.	Division 4 - Chilhowie
	16704	Lebanon Vol. Fire Dept.	Division 4 - Chilhowie
	16706	Copper Creek-Moccasin Vol. Fire Dept.	Division 4 - Chilhowie
	16707	Castlewood Fire & Rescue	Division 4 - Chilhowie
Scott County	16901	Duffield Vol. Fire & Rescue	Division 4 - Chilhowie
	16904	Hiltons Vol. Fire Dept.	Division 4 - Chilhowie
	16905	Nickelsville Vol. Fire Dept.	Division 4 - Chilhowie
	16906	Weber City Vol. Fire Dept.	Division 4 - Chilhowie
Scott County	16907	Fort Blackmore Vol. Fire Dept.	Division 4 - Chilhowie
Smyth County	17306	Saltville Vol. Fire Dept.	Division 4 - Chilhowie
Southampton County	17501	Boykins Vol. Fire Dept. & Rescue Squad, Inc.	Division 5 - Hampton
	17503	Capron Vol. Fire Dept. & First Aid Squad, Inc.	Division 5 - Hampton
	17508	Sedley Vol. Fire Dept.	Division 5 - Hampton
	17509	Drewryville Vol. Fire Dept.	Division 5 - Hampton
Surry County	18101	Claremont Vol. Fire Dept.	Division 5 - Hampton
	18102	Dendron Vol. Fire Dept.	Division 5 - Hampton
Sussex County	18304	Waverly Vol. Fire Dept.	Division 5 - Hampton
	18305	Sussex Courthouse Vol. Fire Dept.	Division 5 - Hampton
Tazewell County	18501	Abbs Valley-Bossievain Vol. Fire Dept.	Division 4 - Chilhowie
	18503	Jewell Ridge Vol. Fire Dept.	Division 4 - Chilhowie
	18504	Pocahontas Vol. Fire Dept.	Division 4 - Chilhowie
	18509	Bishop Vol. Fire Dept.	Division 4 - Chilhowie
	18510	Burkes Garden Vol. Fire Dept.	Division 4 - Chilhowie
	18513	DAD Vol. Fire Dept.	Division 4 - Chilhowie
	18514	Cove Vol. Fire Dept.	Division 4 - Chilhowie
Washington County	19103	Damascus Vol. Fire Dept.	Division 4 - Chilhowie
	19105	Meadowview Vol. Fire Dept.	Division 4 - Chilhowie
	19107	Green Spring Vol. Fire Dept.	Division 4 - Chilhowie

2015 Needs Assessment Survey Non-Respondents By County/City

County/City	FDID	DeptName	Area
Washington County	19108	Clinch Mountain Vol. Fire Dept.	Division 4 - Chilhowie
	19110	Washington Co. Fire & Rescue	Division 4 - Chilhowie
	19111	Goodson-Kinderhook Vol. Fire Dept.	Division 4 - Chilhowie
	19112	Brumley Gap Vol. Fire Dept.	Division 4 - Chilhowie
Westmoreland County	19301	Colonial Beach Vol. Fire Dept.	Division 1 - Richmond
	19302	Cople District Vol. Fire Dept.	Division 1 - Richmond
	19303	Oak Grove Vol. Fire Dept.	Division 1 - Richmond
	19304	Westmoreland Vol. Fire Dept.	Division 1 - Richmond
Wise County	19501	Valley Vol. Fire Dept.	Division 4 - Chilhowie
	19570	Pound Vol. Fire Dept.	Division 4 - Chilhowie
Buena Vista	53000	Buena Vista Fire Dept.	Division 6 - Roanoke
Alleghany County	56000	Clifton Forge Fire Dept.	Division 6 - Roanoke
Emporia	59501	Emporia Vol. Fire Dept.	Division 5 - Hampton
Falls Church	61000	Falls Church Vol. Fire Dept.	Division 7 - Fairfax
Franklin	62001	Hunterdale Vol. Fire Dept.	Division 5 - Hampton
Fredericksburg	63000	Fredericksburg Fire Dept.	Division 2 - Orange
Hopewell	67000	Hopewell Bureau of Fire	Division 1 - Richmond
Lynchburg	68000	Lynchburg Fire Dept.	Division 3 - Farmville
Manassas	68301	Manassas Vol. Fire Co.	Division 7 - Fairfax
Norton	72000	Norton Fire Dept.	Division 4 - Chilhowie
Radford	75000	Radford Fire & Rescue Dept.	Division 4 - Chilhowie
Roanoke	77000	Roanoke City Fire & EMS	Division 6 - Roanoke
Salem	77500	Salem Fire & EMS Dept.	Division 6 - Roanoke
Suffolk	80000	Suffolk Dept. of Fire & Rescue	Division 5 - Hampton