

Missouri Statewide Fire Survey



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**Office of Social and Economic Data Analysis (OSED) and
MU Fire and Rescue Training Institute (MU FRTI)**



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An electronic version of the report is available at
www.oseda.missouri.edu/fire/fire_survey_2005.pdf

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SUMMARY

This report presents results of a statewide survey of Missouri Fire Services. This section provides an overview of key findings. We thank the many people who helped design the survey, supported the collection and completed the questionnaire.

This survey was designed to collect key information about Missouri Fire Services. It was gathered between October, 2004 and April 2005. This survey was a web-based questionnaire with a unique district logon and password. The process was new to districts. As a result of the automated questionnaire in addition to the descriptive analysis of the information a web-enabled database of key Fire District information is now available in Missouri.

Fire Districts in Missouri differ dramatically in characteristics related directly to the size of the population in the area they serve. According this report presents finding by population categories. Information is also presented by region. The base year for the survey was 2003.

Response Rate

The response rate was quite good. A total of 604 fire districts responded out of an enumerated population of 901 districts. The previous NFPA survey was based on 347 respondents out of an enumerated population of 682 districts. So the current survey has a larger base and a higher response rate 67% compared to 51%.

Population of Area Served

- 15 percent of the districts serve populations areas of under 1,000 persons.
- 23 percent serve populations between 1,000 and 2,500 persons
- 20 percent serve populations between 2,500 and 5,000 persons
- 57 percent serve populations under 5,000
- 18 districts (3 percent of all districts) serve populations of more than 50,000 persons.

Number of Members

- A little more than a third of all districts (211) have fewer than 20 members.
- 54 percent of districts have between 20 and 50 members.
- 7.4 percent of districts (43) have between 50 and 100 members.
- About 3 percent of districts (16) have more than 100 members.

Members -- Firefighters

- Districts report a total of 18,014 members.
- 55.5 percent of all firefighters are in the 430 districts serving populations of less than 10,000 persons.
- 27 percent of all firefighters are in the 47 districts serving between 10,000 and 50,000 persons.
- About 17 percent of all firefighters are in the 18 districts serving more than 50,000 persons.

Members by Size of Department

- Over 7,500 members (42 %) are in districts with fewer than 30 members.
- About 7,100 members (40%) are in districts with between 30 and 100 members.
- About 18% of all members (3,367) are in the 16 districts (3 %) with more than 100 members.

Selected Response to Survey Items

- 27.8 percent of districts require minimum certification of Fire Fighter I.
- 52.5 percent of districts have a minimum number of training hours before permitting fire suppression activities.
- 83.5 percent of districts have at least one PASS device per member.
- 51.8 percent of districts utilize rapid intervention teams.
- 71.8 percent of districts have the capacity to fill their own breathing apparatus cylinders.
- 89.1 percent of districts provide each member with a set of structure firefighting gear.

Minimum Number of Training Hours by Population Served.

- Among districts serving areas with fewer than 2,500 persons 40% have minimum training hour requirements.
- Among districts serving areas with more than 2,500 persons a large majority have minimum training hour requirements, except for the largest areas.

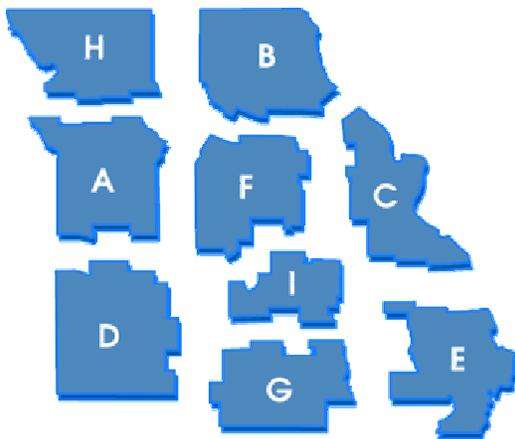
Regions Served.

- Region E has the highest proportion of Municipal Districts, Region C the highest proportion of Fire Protection Districts and Region G the highest proportion of Voluntary Fire Protection Districts—See region map below for Highway Patrol Regions
- Because of the close correlation with population it is not surprising that Region C has the highest proportion of Departments with the largest membership.

		Type of Department						Total	
		Municipal		Fire Protection District		Voluntary Fire Association		Number	Percent
		Number	Percent	Number	Percent	Number	Percent		
Region	Region A	28	36.4%	39	50.6%	10	13.0%	77	100.0%
	Region B	9	14.8%	16	26.2%	36	59.0%	61	100.0%
	Region C	28	27.5%	59	57.8%	15	14.7%	102	100.0%
	Region D	28	25.9%	33	30.6%	47	43.5%	108	100.0%
	Region E	31	51.7%	10	16.7%	19	31.7%	60	100.0%
	Region F	10	18.2%	32	58.2%	13	23.6%	55	100.0%
	Region G	11	19.3%	3	5.3%	43	75.4%	57	100.0%
	Region H	7	14.6%	25	52.1%	16	33.3%	48	100.0%
	Region I	5	19.2%	11	42.3%	10	38.5%	26	100.0%
Total		157	26.4%	228	38.4%	209	35.2%	594	100.0%

		Total Active Members								Total	
		15 or Less		16 - 20		21 - 30		31 or More		Number	Percent
		Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Region	Region A	8	10.7%	13	17.3%	29	38.7%	25	33.3%	75	100.0%
	Region B	18	29.5%	19	31.1%	20	32.8%	4	6.6%	61	100.0%
	Region C	7	6.8%	17	16.5%	30	29.1%	49	47.6%	103	100.0%
	Region D	33	30.8%	23	21.5%	24	22.4%	27	25.2%	107	100.0%
	Region E	22	36.7%	13	21.7%	17	28.3%	8	13.3%	60	100.0%
	Region F	3	5.5%	14	25.5%	18	32.7%	20	36.4%	55	100.0%
	Region G	27	50.9%	12	22.6%	11	20.8%	3	5.7%	53	100.0%
	Region H	15	31.3%	15	31.3%	13	27.1%	5	10.4%	48	100.0%
	Region I	3	12.0%	5	20.0%	8	32.0%	9	36.0%	25	100.0%
Total		136	23.2%	131	22.3%	170	29.0%	150	25.6%	587	100.0%

Troop Headquarters



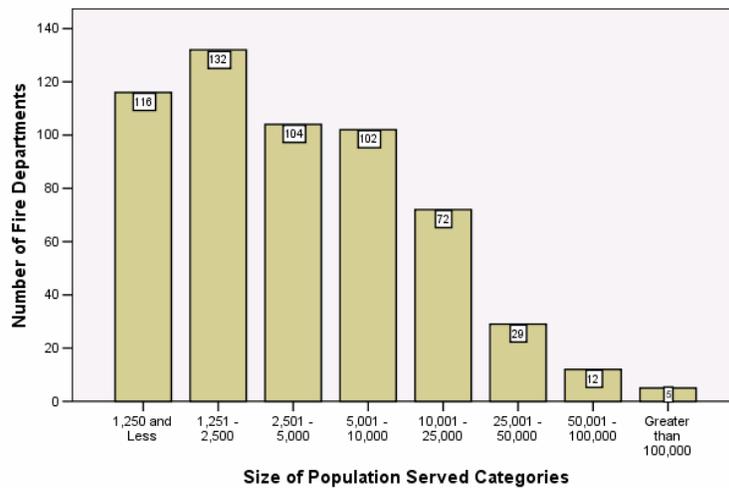
For more detail about counties in each region see:

<http://www.mshp.dps.missouri.gov/MSHPWeb/DevelopersPages/TroopHeadquarters/TroopIndex.html>

INTRODUCTION

The following report looks at characteristics of Missouri fire departments in relation to the size of the population that these departments serve. The primary organization of the analysis centers around a series of variables addressing a full range of questions regarding issues central to fire departments and their planning and decision making. Questions from the survey have been organized into 7 categories: district characteristics, call volumes, services, training, safety, equipment and technical assistance. The items from the survey comprising these various categories have been analyzed in relation to the size of the population that the department serves. The output of this analysis, and the body of the report, consist of a series of narratives and tables that illustrate the number and percent of departments serving a specific population size in relation to a specific variable. Chart 1 illustrates the number of departments that are associated with each population served size category. There are eight categories that comprise the population served variable: 1,250 and less; 1,251 to 2,500; 2,501 to 5,000; 5,001 to 10,000; 10,001 to 25,000; 25,001 to 50,000; 50,001 to 100,000; and greater than 100,000.

Chart 1. Number of Departments by Size of Population Served Categories



DISTRICT CHARACTERISTICS

Type of Department

Table 1 illustrates the relationship between the size of the population served by the fire department and the type of department—Municipal, Fire Protection District and Voluntary Fire Association.

A total of 571 fire departments indicated what type of department that they were. The majority of departments, 222, stated that they were the Fire Protection District type (38.9%), 195 departments stated they were Voluntary Fire Associations (34.2%), and finally 154 departments (27%) reported being Municipal.

Departments that serve 2,500 people or less are mostly Voluntary Fire Associations.

Departments that serve between 2,500 and 5,000 people are evenly distributed between Municipal Departments, Fire Protection Districts and Voluntary Fire Associations.

Departments that serve between 5,000 and 100,000 people are more greatly concentrated in the Fire Protection District department type.

Departments that serve over 100,000 people are more concentrated in the Municipal Department type.

Table 1. Population Served and Department Type

	Type of Department						Total		
	Municipal		Fire Protection District		Voluntary Fire Association		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	14	12.1%	26	22.4%	76	65.5%	116	100.0%
	1,251 - 2,500	25	18.9%	50	37.9%	57	43.2%	132	100.0%
	2,501 - 5,000	33	31.7%	32	30.8%	39	37.5%	104	100.0%
	5,001 - 10,000	36	35.3%	44	43.1%	22	21.6%	102	100.0%
	10,001 - 25,000	28	39.4%	42	59.2%	1	1.4%	71	100.0%
	25,001 - 50,000	11	37.9%	18	62.1%			29	100.0%
	50,001 - 100,000	4	33.3%	8	66.7%			12	100.0%
	Greater than 100,000	3	60.0%	2	40.0%			5	100.0%
Total		154	27.0%	222	38.9%	195	34.2%	571	100.0%

Department Status

Table 2 illustrates the relationship between the size of the population served and the status of the fire department.

A total of 572 departments indicated what their department status was—Career, Volunteer, or Combination of career and volunteer. A total of 360 departments (62.9%) reported being volunteer status, 149 departments (26%) reported combination status and 63 departments (11%) reported career status.

Departments that serve less than 2,500 people were most likely to be an all volunteer department.

Departments that serve between 2,501 and 10,000 people were most likely to be a combination and volunteer department.

Departments that serve between 10,000 and 25,000 people were most likely to be a combination and career department.

Departments that serve 25,000 or more people were most likely to be a career department.

Table 2. Population Serviced by Department Status

	Department Status						Total		
	Career		Combination		Volunteer		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	1	.9%	3	2.6%	112	96.6%	116	100.0%
	1,251 - 2,500			15	11.4%	117	88.6%	132	100.0%
	2,501 - 5,000	2	1.9%	36	34.6%	66	63.5%	104	100.0%
	5,001 - 10,000	10	9.8%	37	36.3%	55	53.9%	102	100.0%
	10,001 - 25,000	20	27.8%	43	59.7%	9	12.5%	72	100.0%
	25,001 - 50,000	17	58.6%	11	37.9%	1	3.4%	29	100.0%
	50,001 - 100,000	8	66.7%	4	33.3%			12	100.0%
	Greater than 100,000	5	100.0%					5	100.0%
Total		63	11.0%	149	26.0%	360	62.9%	572	100.0%

Total Active Members

Table 3 illustrates the relationship between the size of population served and the total number of active members in the department.

There were a total of 570 departments that reported number of active members that they had—0 to 10; 11 to 15; 16 to 20; 21 to 30; and 31 or more. There were 130 fire departments (22.8%) that reported 15 or less total active members, 129 fire departments (22.6%) reported 16 to 20 total active members, 163 fire departments (28.6%) reported 21-30 total active members, and 148 fire departments (26%) reported 31 or more total active members.

As expected, the smaller the number of people served the fewer the total number of active members per department.

For departments serving 10,000 people or more, 50% or more of departments had 31 or more active members.

Table 3. Population Served and Total Active Members

	Total Active Members								Total		
	15 or Less		16 - 20		21 - 30		31 or More		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	49	42.6%	47	40.9%	14	12.2%	5	4.3%	115	100.0%
	1,251 - 2,500	47	35.6%	32	24.2%	47	35.6%	6	4.5%	132	100.0%
	2,501 - 5,000	19	18.3%	28	26.9%	37	35.6%	20	19.2%	104	100.0%
	5,001 - 10,000	15	14.9%	16	15.8%	34	33.7%	36	35.6%	101	100.0%
	10,001 - 25,000			6	8.3%	28	38.9%	38	52.8%	72	100.0%
	25,001 - 50,000					3	10.3%	26	89.7%	29	100.0%
	50,001 - 100,000							12	100.0%	12	100.0%
	Greater than 100,000							5	100.0%	5	100.0%
Total		130	22.8%	129	22.6%	163	28.6%	148	26.0%	570	100.0%

Full-Time Paid Staff

Table 4 illustrates the relationship between the size of the population served by the department and the number of full-time paid staff.

There were 460 fire departments that reported on their number of full-time paid staff. There were 283 departments (61.5%) that reported 0 full-time paid staff, 49 departments (10.7%) reported 1 to 5 full-time paid staff, 36 departments (7.8%) reported 6 to 15 full-time paid staff, 44 departments (9.6%) reported 16 to 30 full-time paid staff, and 48 departments (10.4%) reported 31 or more full-time paid staff.

Size of population served is related to the number of full-time paid staff. Departments that serve 1,250 or less people had no full-time paid staff.

For departments that serve 10,000 people or less at least half of them have no full-time paid staff.

Departments that serve 10,000 people or more had full-time paid staff. The more population served the more full-time paid staff reported by a department.

Table 4. Population Served and Full-Time Paid

		Full-Time Paid										Total	
		0		1 - 5		6 - 15		16 - 30		31 or More		Number	Percent
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Population Served	1,250 and Less	84	100.0%									84	100.0%
	1,251 - 2,500	91	92.9%	5	5.1%	2	2.0%					98	100.0%
	2,501 - 5,000	57	71.3%	17	21.3%	3	3.8%	2	2.5%	1	1.3%	80	100.0%
	5,001 - 10,000	41	49.4%	17	20.5%	11	13.3%	10	12.0%	4	4.8%	83	100.0%
	10,001 - 25,000	9	12.9%	10	14.3%	17	24.3%	24	34.3%	10	14.3%	70	100.0%
	25,001 - 50,000	1	3.6%			3	10.7%	6	21.4%	18	64.3%	28	100.0%
	50,001 - 100,000							2	16.7%	10	83.3%	12	100.0%
	Greater than 100,000									5	100.0%	5	100.0%
Total		283	61.5%	49	10.7%	36	7.8%	44	9.6%	48	10.4%	460	100.0%

Part-Time Paid Staff

Table 5 illustrates the relationship between the size of the population served by a department and the number of part-time paid staff.

There were 426 fire departments that reported the number of part-time paid staff. There were 330 departments (77.5%) that reported 0 part-time paid staff, 24 departments (5.6%) reported 1 part-time paid staff, 23 (5.4%) reported 2 to 5 part-time paid staff, and 49 departments (11.5%) reported 6 or more part-time paid staff.

As with full-time paid staff, part-time paid staff is largely a measure of the size of the population being served. The smaller the size of the population being served the less part-time staff a department has.

Table 5. Population Served and Part-Time Paid

	Part-Time Paid								Total		
	0		1		2 - 5		6 or More		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	84	100.0%							84	100.0%
	1,251 - 2,500	91	90.1%	5	5.0%	1	1.0%	4	4.0%	101	100.0%
	2,501 - 5,000	55	69.6%	6	7.6%	8	10.1%	10	12.7%	79	100.0%
	5,001 - 10,000	52	69.3%	6	8.0%	4	5.3%	13	17.3%	75	100.0%
	10,001 - 25,000	29	50.9%	3	5.3%	6	10.5%	19	33.3%	57	100.0%
	25,001 - 50,000	11	55.0%	3	15.0%	3	15.0%	3	15.0%	20	100.0%
	50,001 - 100,000	6	75.0%	1	12.5%	1	12.5%			8	100.0%
	Greater than 100,000	2	100.0%							2	100.0%
Total		330	77.5%	24	5.6%	23	5.4%	49	11.5%	426	100.0%

Population Served and Volunteers

Table 6 illustrates the relationship between the size of the population served and the number of volunteer staff.

There were 523 fire departments that reported on the number of volunteers. There were 101 departments (19.3%) that reported having up to 10 volunteers, 102 departments (19.5%) reported 11 to 15 volunteers, 124 departments (23.7%) reported 16 to 20 volunteers, 125 departments (23.9%) reported 21 to 30 volunteers, and 71 departments (13.6%) reported 31 or more volunteers.

Although all fire departments, regardless of the size of the population served, utilize volunteer staff, the smaller the size of the population served the more volunteer staff.

Table 6. Population Served and Volunteers

	Volunteers										Total		
	0 - 10		11 - 15		16 - 20		21 - 30		31 or More		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	22	19.1%	28	24.3%	47	40.9%	14	12.2%	4	3.5%	115	100.0%
	1,251 - 2,500	10	7.8%	35	27.3%	31	24.2%	47	36.7%	5	3.9%	128	100.0%
	2,501 - 5,000	11	11.3%	20	20.6%	23	23.7%	30	30.9%	13	13.4%	97	100.0%
	5,001 - 10,000	13	14.0%	13	14.0%	18	19.4%	24	25.8%	25	26.9%	93	100.0%
	10,001 - 25,000	26	45.6%	2	3.5%	4	7.0%	7	12.3%	18	31.6%	57	100.0%
	25,001 - 50,000	12	52.2%	3	13.0%	1	4.3%	2	8.7%	5	21.7%	23	100.0%
	50,001 - 100,000	5	62.5%	1	12.5%			1	12.5%	1	12.5%	8	100.0%
	Greater than 100,000	2	100.0%									2	100.0%
Total		101	19.3%	102	19.5%	124	23.7%	125	23.9%	71	13.6%	523	100.0%

Participation in a Statewide Mutual-Aid System

Table 7 illustrates the relationship between the size of the population served by the department and whether or not the department participates in the statewide mutual-aid system.

There were 560 fire departments that reported whether or not they participated in a statewide mutual-aid system. There were 494 departments (88.2%) that reported they did participate in a statewide mutual-aid system, and only 66 departments (11.8%) reported that they did not participate.

Almost 80 percent or more of all departments, regardless of size, participated in a statewide mutual aid system.

Departments that serve 2,500 people or less were less likely to report participation in a statewide mutual-aid system than those departments that serve 2,500 people or more.

Table 7. Population Served and Participation in Statewide Mutual-Aid System

		Participate in statewide mutual aid system?				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	24	21.2%	89	78.8%	113	100.0%
	1,251 - 2,500	23	18.3%	103	81.7%	126	100.0%
	2,501 - 5,000	12	11.7%	91	88.3%	103	100.0%
	5,001 - 10,000	5	5.0%	96	95.0%	101	100.0%
	10,001 - 25,000	2	2.8%	69	97.2%	71	100.0%
	25,001 - 50,000			29	100.0%	29	100.0%
	50,001 - 100,000			12	100.0%	12	100.0%
	Greater than 100,000			5	100.0%	5	100.0%
Total		66	11.8%	494	88.2%	560	100.0%

Written Local Mutual Aid Agreement

Table 8 illustrates the relationship between the size of the population served by the department and the degree to which departments have written local mutual aid agreements.

There were 567 fire departments that reported whether or not they had a written local mutual aid agreement. There were 505 departments (89.1%) that reported that they had a written local mutual aid agreement, and 62 departments (10.9%) that reported they did not.

The majority of departments, regardless of size, indicated that they had written local mutual aid agreements. Departments serving small numbers of population were less likely to have written local mutual aid agreement than those which served larger populations.

Table 8. Population Served and Written Local Mutual Aid Agreement

		Written local mutual aid agreement?				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	18	15.7%	97	84.3%	115	100.0%
	1,251 - 2,500	17	13.1%	113	86.9%	130	100.0%
	2,501 - 5,000	11	10.6%	93	89.4%	104	100.0%
	5,001 - 10,000	10	9.8%	92	90.2%	102	100.0%
	10,001 - 25,000	2	2.8%	69	97.2%	71	100.0%
	25,001 - 50,000	3	10.7%	25	89.3%	28	100.0%
	50,001 - 100,000	1	8.3%	11	91.7%	12	100.0%
	Greater than 100,000			5	100.0%	5	100.0%
Total		62	10.9%	505	89.1%	567	100.0%

Submit NFIRS Report

Table 9 illustrates the relationship between the size of the population that is served and whether or not the department submits a NFIRS report.

There were 563 fire departments that reported whether or not they submitted a NFIRS report. Of the total number of departments, 476 departments (84.5%) reported that they did submit a NFIRS report whereas 87 departments (15.5%) reported that they did not.

Regardless of the size of the population that the department serves about 80% or more submit a NFIRS report. Departments that serve smaller numbers of the populace, in this case departments serving 2,500 people or less, are less likely to submit NFIRS report, around 20% of these departments. However, 20% of departments serving 25,001 to 50,000 people reported that they did not submit a NFIRS report as well.

Table 9. Population Served and Submit NFIRS Report

		Submit NFIRS Report?				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	25	22.1%	88	77.9%	113	100.0%
	1,251 - 2,500	27	20.8%	103	79.2%	130	100.0%
	2,501 - 5,000	15	14.6%	88	85.4%	103	100.0%
	5,001 - 10,000	9	8.9%	92	91.1%	101	100.0%
	10,001 - 25,000	4	5.7%	66	94.3%	70	100.0%
	25,001 - 50,000	6	20.7%	23	79.3%	29	100.0%
	50,001 - 100,000	1	8.3%	11	91.7%	12	100.0%
	Greater than 100,000			5	100.0%	5	100.0%
Total		87	15.5%	476	84.5%	563	100.0%

Written Memorandum of Understanding

Table 10 illustrates the relationship between the size of the population served by the department and whether or not they have a memorandum of understanding.

There were 537 fire departments that reported whether or not they had a written memorandum of understanding. Of these, 244 departments (45.4%) reported that they had a written memorandum of understanding and 293 departments (54.6%) reported that they did not.

The majority of departments that serve 10,000 or less population were less likely to have a memorandum of understanding. Departments that serve 10,000 or more were more likely to have a memorandum of understanding, with 100% of the largest departments, based on the size of the population served, having a memorandum of understanding.

Table 10. Population Served and Written Memorandum of Understanding

		Written MOU?				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	73	65.8%	38	34.2%	111	100.0%
	1,251 - 2,500	78	63.9%	44	36.1%	122	100.0%
	2,501 - 5,000	54	56.3%	42	43.8%	96	100.0%
	5,001 - 10,000	59	61.5%	37	38.5%	96	100.0%
	10,001 - 25,000	23	33.3%	46	66.7%	69	100.0%
	25,001 - 50,000	5	17.9%	23	82.1%	28	100.0%
	50,001 - 100,000	1	9.1%	10	90.9%	11	100.0%
Total	Greater than 100,000			4	100.0%	4	100.0%
		293	54.6%	244	45.4%	537	100.0%

Representation by Union Organization

Table 11 illustrates the relationship between the size of the population served by the department and the degree to which there is representation by a union organization.

There were 566 fire departments that reported whether or not they were represented by a union organization. Of these, 92 departments (16.3%) reported that they were represented by a union organization, and 474 departments (83.7%) reported that they were not.

Union representation is almost completely absent for departments that serve 5,000 people or less. With 100% of departments that serve 1,250 people or less not having any union organization.

Fifty to eighty percent of Departments that serve between 10,000 and 100,000 people are represented by a union organization. One-hundred percent of the departments that serve more than 100,000 people are represented by a union organization.

Table 11. Population Served and Representation by Union Organization

		Represented by union organization?				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	115	100.0%			115	100.0%
	1,251 - 2,500	127	98.4%	2	1.6%	129	100.0%
	2,501 - 5,000	102	98.1%	2	1.9%	104	100.0%
	5,001 - 10,000	85	84.2%	16	15.8%	101	100.0%
	10,001 - 25,000	37	52.1%	34	47.9%	71	100.0%
	25,001 - 50,000	6	20.7%	23	79.3%	29	100.0%
	50,001 - 100,000	2	16.7%	10	83.3%	12	100.0%
	Greater than 100,000			5	100.0%	5	100.0%
Total		474	83.7%	92	16.3%	566	100.0%

County Professional Association

Table 12 illustrates the relationship between the size of the population served by the department and involvement in a county professional association.

There were 483 fire departments that reported whether they were involved with a county professional association or not. Of these, 204 departments (42.2%) reported that they were involved with a county professional association and 279 departments (57.8%) reported that they did not.

The size of the population served by the department showed polarizing trends. Departments serving small sized populations, 10,000 people or less, were less likely to belong to county professional associations than were departments serving 10,000 or more people.

Table 12. Population Served and County Professional Association

		County professional association?				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	78	74.3%	27	25.7%	105	100.0%
	1,251 - 2,500	80	72.1%	31	27.9%	111	100.0%
	2,501 - 5,000	50	58.8%	35	41.2%	85	100.0%
	5,001 - 10,000	45	52.3%	41	47.7%	86	100.0%
	10,001 - 25,000	18	32.1%	38	67.9%	56	100.0%
	25,001 - 50,000	7	26.9%	19	73.1%	26	100.0%
	50,001 - 100,000	1	10.0%	9	90.0%	10	100.0%
Total	Greater than 100,000			4	100.0%	4	100.0%
		279	57.8%	204	42.2%	483	100.0%

Regional Professional Association

Table 13 illustrates the relationship between the size of the population served by the department and regional professional association.

There were 464 fire departments that reported whether or not they were involved with a regional professional association. Of these, 154 departments (33.2%) reported involvement with a regional professional and 310 departments (66.8%) reported that they did not.

Departments serving populations of 5,000 or less were less likely to belong to a regional professional association than were departments serving more than 5,000 people. Those departments serving 25,000 people or more were most likely to belong to a regional professional association.

Table 13. Population Served and Regional Professional Association

		Regional professional association?				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	89	88.1%	12	11.9%	101	100.0%
	1,251 - 2,500	85	78.7%	23	21.3%	108	100.0%
	2,501 - 5,000	57	74.0%	20	26.0%	77	100.0%
	5,001 - 10,000	45	53.6%	39	46.4%	84	100.0%
	10,001 - 25,000	26	50.0%	26	50.0%	52	100.0%
	25,001 - 50,000	7	26.9%	19	73.1%	26	100.0%
	50,001 - 100,000	1	9.1%	10	90.9%	11	100.0%
Total	Greater than 100,000			5	100.0%	5	100.0%
		310	66.8%	154	33.2%	464	100.0%

State Professional Association

Table 14 illustrates the relationship between the size of population served and involvement with a state professional association.

There were 517 fire departments that reported whether or not they belonged to a state professional association. Of these, 295 departments (57.1%) reported that they did belong to a state professional association and 222 departments (42.9%) reported that they did not.

Departments serving small-sized population areas, 1,250 or less, were less likely to belong to state professional associations. However, for the majority of the population served categories more departments belonged to state professional associations than did not.

Table 14. Population Served and State Professional Association

		State professional association?				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	68	62.4%	41	37.6%	109	100.0%
	1,251 - 2,500	57	48.7%	60	51.3%	117	100.0%
	2,501 - 5,000	44	47.8%	48	52.2%	92	100.0%
	5,001 - 10,000	35	38.9%	55	61.1%	90	100.0%
	10,001 - 25,000	12	17.6%	56	82.4%	68	100.0%
	25,001 - 50,000	5	20.0%	20	80.0%	25	100.0%
	50,001 - 100,000	1	8.3%	11	91.7%	12	100.0%
Total	Greater than 100,000			4	100.0%	4	100.0%
		222	42.9%	295	57.1%	517	100.0%

Total Operating Budget

Table 15 illustrates the relationship between the size of the population served by the department and total operating budget.

There were 510 fire departments that reported their total operating budget. The total operating budget was collapsed into 7 categories: \$10,000 and less; \$10,001 to \$30,000; \$30,001 to \$100,000; \$100,001 to \$500,000; \$500,001 to \$1,000,000; \$1,000,001 to \$5,000,000; and \$5,000,001 and greater. There were 83 departments (16.3%) that reported a total operating budget of \$10,000 or less; 111 departments (21.8%) reported a total operating budget of \$10,001 to \$30,000; 113 departments (22.2%) reported a total operating budget of \$30,001 to \$100,000; 99 departments (19.4%) reported a total budget of \$100,001 to \$500,000; 28 departments (5.5%) reported a total budget of \$500,001 to \$1,000,000; 57 departments (11.2%) reported a total budget of \$1,000,001 to \$5,000,000; and 19 departments (3.7%) reported a total budget greater than \$5,000,000.

Eighty-six percent of departments that serve 1,250 people or less operated on a budget of \$30,000 or less, and almost 50% of those departments operated on a budget of \$10,000 or less.

Fifty-seven departments had a total budget between 1 and 5 million dollars. There were nineteen departments surveyed that had operating budgets of five-million dollars or more.

Table 15. Population Served and Total Operating Budget

		Total Operating Budget												Total			
		\$10,000 and Less		\$10,001 - \$30,000		\$30,001 - \$100,000		\$100,001 - \$500,000		\$500,001 - \$1,000,000		\$1,000,001 - \$5,000,000		\$5,000,001 and Greater		Number	Percent
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent				
Population Served	1,250 and Less	51	48.6%	38	36.2%	12	11.4%	4	3.8%							105	100.0%
	1,251 - 2,500	20	17.1%	41	35.0%	42	35.9%	13	11.1%			1	.9%			117	100.0%
	2,501 - 5,000	7	8.2%	26	30.6%	26	30.6%	22	25.9%	2	2.4%	2	2.4%			85	100.0%
	5,001 - 10,000	4	4.2%	6	6.3%	28	29.5%	38	40.0%	7	7.4%	12	12.6%			95	100.0%
	10,001 - 25,000					5	7.9%	20	31.7%	13	20.6%	24	38.1%	1	1.6%	63	100.0%
	25,001 - 50,000	1	3.6%					2	7.1%	4	14.3%	16	57.1%	5	17.9%	28	100.0%
	50,001 - 100,000									1	8.3%	2	16.7%	9	75.0%	12	100.0%
	Greater than 100,000									1	20.0%			4	80.0%	5	100.0%
Total		83	16.3%	111	21.8%	113	22.2%	99	19.4%	28	5.5%	57	11.2%	19	3.7%	510	100.0%

Fire Stations Per Department

Table 16 illustrates the relationship between the population served and the number of fire stations per department.

There were 523 fire departments that reported the number of fire stations per department. The number of fire stations per department were organized into 4 categories: 0 to 1, 2, 3 to 5 and 6 or more. There were 305 departments (58.3%) that reported 0 to 1 fire stations per department, 100 departments (19.1%) reported 2 fire stations, 79 departments (15.1%) reported 3 to 5 fire stations, and 39 departments (7.5%) reported 6 or more fire stations.

Departments serving small-sized populations had fewer fire stations per department than did departments serving large-sized populations.

The majority of departments, regardless of the size of the population served, had one fire station per department.

Table 16. Population Served and Fire Stations Per Department

	Fire Stations Per Department								Total		
	0 - 1		2		3 - 5		6 or More		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	97	88.2	10	9.1	2	1.8	1	.9	110	100.0
	1,251 - 2,500	86	72.3	18	15.1	9	7.6	6	5.0	119	100.0
	2,501 - 5,000	50	56.2	22	24.7	13	14.6	4	4.5	89	100.0
	5,001 - 10,000	48	50.5	23	24.2	19	20.0	5	5.3	95	100.0
	10,001 - 25,000	23	33.8	20	29.4	16	23.5	9	13.2	68	100.0
	25,001 - 50,000	1	3.7	6	22.2	15	55.6	5	18.5	27	100.0
	50,001 - 100,000			1	9.1	4	36.4	6	54.5	11	100.0
	Greater than 100,000					1	25.0	3	75.0	4	100.0
Total		305	58.3	100	19.1	79	15.1	39	7.5	523	100.0

CALL VOLUME

Structure Fires

Table 17 illustrates the relationship between the size of the population served and the number of calls regarding structure fires.

There were 480 fire departments that reported on the number of structure fire calls received. The number of structure fire calls were organized into 4 categories: 0 to 5, 6 to 10, 11 to 20, and 21 or more. There were 152 departments (31.7%) that reported 0 to 5 structure fire calls, 105 departments (21.9%) reported 6 to 10 structure fire calls, 80 departments (16.7%) reported 11 to 20 structure fire calls, and 143 departments (29.8%) reported 21 or more structure fire calls.

Departments that serve small-sized populations, 1,250 people or less, report fewer structure fires than departments serving large-sized populations, 10,000 or more.

Table 17. Population Served and Structure Fires

		Structure Fires								Total	
		0 - 5		6 - 10		11 - 20		21 or More		Number	Percent
		Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Population Served	1,250 and Less	75	75.8	19	19.2	2	2.0	3	3.0	99	100.0
	1,251 - 2,500	50	43.9	34	29.8	22	19.3	8	7.0	114	100.0
	2,501 - 5,000	16	20.3	26	32.9	23	29.1	14	17.7	79	100.0
	5,001 - 10,000	10	11.5	22	25.3	21	24.1	34	39.1	87	100.0
	10,001 - 25,000	1	1.6	3	4.8	12	19.4	46	74.2	62	100.0
	25,001 - 50,000			1	4.2			23	95.8	24	100.0
	50,001 - 100,000							11	100.0	11	100.0
	Greater than 100,000							4	100.0	4	100.0
Total		152	31.7	105	21.9	80	16.7	143	29.8	480	100.0

Brush Fires

Table 18 illustrates the relationship between the size of the population served and the number of brush fire calls.

There were 480 fire departments that reported the number of brush fire calls that it received. The number of brush fire calls was organized into 4 categories: 0 to 5, 6 to 15, 16 to 30, and 31 or more. There were 96 departments (20%) that reported 0 to 5 brush fire calls, 165 departments (34.4%) reported 6 to 15 brush fire calls, 124 departments (25.8%) reported 16 to 30 brush fire calls and 95 departments (19.8%) reported 31 or more brush fire calls.

Departments serving larger population areas, 10,000 people or more, report more brush fires than do departments serving smaller population areas.

Table 18. Population Served and Brush Fires

		Brush Fires								Total	
		0 - 5		6 - 15		16 - 30		31 or More		Number	Percent
		Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Population Served	1,250 and Less	32	32.3	46	46.5	19	19.2	2	2.0	99	100.0
	1,251 - 2,500	28	24.8	41	36.3	30	26.5	14	12.4	113	100.0
	2,501 - 5,000	18	23.1	26	33.3	23	29.5	11	14.1	78	100.0
	5,001 - 10,000	14	15.9	28	31.8	27	30.7	19	21.6	88	100.0
	10,001 - 25,000	3	4.8	20	32.3	15	24.2	24	38.7	62	100.0
	25,001 - 50,000	1	4.0	3	12.0	8	32.0	13	52.0	25	100.0
	50,001 - 100,000			1	9.1	2	18.2	8	72.7	11	100.0
	Greater than 100,000							4	100.0	4	100.0
Total		96	20.0	165	34.4	124	25.8	95	19.8	480	100.0

Motor Vehicle Fires

Table 19 illustrates the size of the population served by the department and the number of motor vehicle fire calls it received.

There were 477 fire departments that reported the number of motor vehicle fire calls it received. The number of motor vehicle fire calls were organized into 4 categories: 0 to 5, 6 to 10, 11 to 15, and 16 or more. There were 250 departments (52.4%) that reported 0 to 5 motor vehicle fire calls, 81 departments (17%) reported 6 to 10 motor vehicle fire calls, 42 departments (8.8%) reported 11 to 15 motor vehicle fire calls, and 104 departments (21.8%) reported 16 or more motor vehicle fire calls.

More motor vehicle fires are reported by departments serving large numbers of population, 10,000 people or more, than those serving small population areas, 2,500 people or less.

Table 19. Population Served and Motor Vehicle Fires

		Motor Vehicle Fires								Total	
		0 - 5		6 - 10		11 - 15		16 or More		Number	Percent
		Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Population Served	1,250 and Less	91	92.9	7	7.1					98	100.0
	1,251 - 2,500	93	83.0	14	12.5	2	1.8	3	2.7	112	100.0
	2,501 - 5,000	39	50.0	27	34.6	4	5.1	8	10.3	78	100.0
	5,001 - 10,000	24	27.3	19	21.6	24	27.3	21	23.9	88	100.0
	10,001 - 25,000	3	4.8	12	19.4	11	17.7	36	58.1	62	100.0
	25,001 - 50,000			2	8.3			22	91.7	24	100.0
	50,001 - 100,000					1	9.1	10	90.9	11	100.0
	Greater than 100,000							4	100.0	4	100.0
Total		250	52.4	81	17.0	42	8.8	104	21.8	477	100.0

Medical Calls

Table 20 illustrates the relationship between the size of the population served and the number of medical calls that it received.

There were 446 fire departments that reported the number of medical calls received. The number of medical calls was organized into 4 categories: 0 to 5, 6 to 50, 51 to 200, 201 or more. There were 118 departments (26.5%) that reported 0 to 5 medical calls, 114 departments (25.6%) reported 6 to 50 medical calls, 99 departments (22.2%) reported 51 to 200 medical calls, and 115 departments (25.8%) reported 201 or more medical calls.

Departments serving 5,000 people or less generally reported receiving 50 medical calls or less. The majority of departments serving 10,000 people or more reported receiving over 200 medical calls.

Table 20. Population Served and Medical Calls

		Medical Calls								Total	
		0 - 5		6 - 50		51 - 200		201 or More		Number	Percent
		Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Population Served	1,250 and Less	36	41.9	43	50.0	7	8.1			86	100.0
	1,251 - 2,500	31	30.4	40	39.2	27	26.5	4	3.9	102	100.0
	2,501 - 5,000	25	33.8	16	21.6	24	32.4	9	12.2	74	100.0
	5,001 - 10,000	17	19.8	11	12.8	30	34.9	28	32.6	86	100.0
	10,001 - 25,000	7	11.9	2	3.4	10	16.9	40	67.8	59	100.0
	25,001 - 50,000	2	8.3	2	8.3	1	4.2	19	79.2	24	100.0
	50,001 - 100,000							11	100.0	11	100.0
	Greater than 100,000							4	100.0	4	100.0
Total		118	26.5	114	25.6	99	22.2	115	25.8	446	100.0

Rescue Calls

Table 21 illustrates the relation between the size of the population served and the number of rescue calls.

There were 404 fire departments that reported the number of rescue calls. The number of rescue calls was organized into 4 categories: 0, 1 to 5, 6 to 10, and 11 or more. There were 122 departments (30.2%) that reported 0 rescue calls, 141 departments (34.9%) reported 1 to 5 rescue calls, 36 departments (8.9%) reported 6 to 10 rescue calls, and 105 departments (26%) reported 11 or more rescue calls.

Departments serving smaller population areas, 1,250 people or less, have fewer rescue calls than departments serving larger populations.

The majority of departments serving 5,000 people or less received 5 or less rescue calls. The majority of departments serving 10,000 people or more received 11 or more rescue calls.

Table 21. Population Served and Rescue

	Rescue								Total		
	0		1 - 5		6 - 10		11 or More		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	46	60.5	29	38.2			1	1.3	76	100.0
	1,251 - 2,500	39	41.1	40	42.1	5	5.3	11	11.6	95	100.0
	2,501 - 5,000	23	33.3	29	42.0	6	8.7	11	15.9	69	100.0
	5,001 - 10,000	10	13.0	24	31.2	16	20.8	27	35.1	77	100.0
	10,001 - 25,000	2	3.6	15	27.3	5	9.1	33	60.0	55	100.0
	25,001 - 50,000	2	9.5	2	9.5	3	14.3	14	66.7	21	100.0
	50,001 - 100,000			2	25.0	1	12.5	5	62.5	8	100.0
	Greater than 100,000							3	100.0	3	100.0
Total		122	30.2	141	34.9	36	8.9	105	26.0	404	100.0

Motor Vehicle Accident Calls

Table 22 illustrates the relationship between the size of the population served and MVA calls.

There were 422 fire departments that reported the number of MVA calls. The number of MVA calls was organized into 4 categories: 0 to 5, 6 to 15, 16 to 60, 61 or more. There were 127 departments (30.1%) that reported 0 to 5 MVA calls, 79 departments (18.7%) reported 6 to 15 MVA calls, 111 departments (26.3%) reported 16 to 60 MVA calls and 105 departments (24.9%) reported 61 or more MVA calls.

Departments serving small population areas, 1,250 people or less, report fewer MVA calls than those serving larger population areas.

Table 22. Population and MVA

	MVA								Total		
	0 - 5		6 - 15		16 - 60		61 or More		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	55	70.5	19	24.4	4	5.1			78	100.0
	1,251 - 2,500	42	42.9	31	31.6	19	19.4	6	6.1	98	100.0
	2,501 - 5,000	14	20.3	15	21.7	32	46.4	8	11.6	69	100.0
	5,001 - 10,000	12	14.5	11	13.3	37	44.6	23	27.7	83	100.0
	10,001 - 25,000	4	6.9	3	5.2	15	25.9	36	62.1	58	100.0
	25,001 - 50,000					3	13.0	20	87.0	23	100.0
	50,001 - 100,000					1	11.1	8	88.9	9	100.0
	Greater than 100,000							4	100.0	4	100.0
Total		127	30.1	79	18.7	111	26.3	105	24.9	422	100.0

Population and Hazardous Materials

Table 23 illustrates the relationship between the size of the population served and the number of hazardous materials calls.

There were 389 fire departments that reported the number of hazardous materials calls they received. The number of hazardous materials calls were organized into 4 categories: 0, 1 to 5, 6 to 10, and 11 or more. There were 162 departments (41.6%) that reported 0 hazardous materials calls, 110 departments (28.3%) reported 1 to 5 hazardous materials calls, 27 departments (6.9%) reported 6 to 10 hazardous materials calls, and 90 departments (23.1%) reported 11 or more hazardous materials calls.

The majority of departments serving 2,500 people or less report no hazardous materials calls.

The majority of departments serving more than 10,000 people received 11 or more hazardous materials calls.

Table 23. Population and Hazardous Materials

		Hazardous Materials								Total	
		0		1 - 5		6 - 10		11 or More		Number	Percent
		Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Population Served	1,250 and Less	58	85.3	10	14.7					68	100.0
	1,251 - 2,500	51	58.0	32	36.4	4	4.5	1	1.1	88	100.0
	2,501 - 5,000	28	41.2	27	39.7	7	10.3	6	8.8	68	100.0
	5,001 - 10,000	17	23.3	25	34.2	10	13.7	21	28.8	73	100.0
	10,001 - 25,000	6	10.5	12	21.1	6	10.5	33	57.9	57	100.0
	25,001 - 50,000	2	9.1	3	13.6			17	77.3	22	100.0
	50,001 - 100,000			1	11.1			8	88.9	9	100.0
	Greater than 100,000							4	100.0	4	100.0
Total		162	41.6	110	28.3	27	6.9	90	23.1	389	100.0

Automatic Fire Alarm

Table 24 illustrates the relationship between the size of the population served and the number of automatic fire alarm calls.

There were 396 fire departments that reported on the number of automatic fire alarm calls. The number of fire alarm calls was organized into 4 categories: 0, 1 to 5, 6 to 20 and 21 or more. There were 140 departments (35.4%) that reported 0 automatic fire alarm calls, 87 departments (22%) reported 1 to 5 automatic fire alarm calls, 65 departments (16.4%) reported 6 to 20 automatic fire alarm calls, and 104 departments (23.1%) reported 21 or more automatic fire alarm calls.

The majority of departments serving 2,500 people or less received no automatic fire alarm calls.

The majority of departments serving 10,000 people or more received more than 20 automatic fire alarm calls.

Table 24. Population Served and Automatic Fire Alarm

	Automatic Fire Alarm								Total		
	0		1 - 5		6 - 20		21 or More		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	53	73.6	15	20.8	3	4.2	1	1.4	72	100.0
	1,251 - 2,500	53	59.6	30	33.7	5	5.6	1	1.1	89	100.0
	2,501 - 5,000	21	31.3	21	31.3	19	28.4	6	9.0	67	100.0
	5,001 - 10,000	12	15.8	19	25.0	19	25.0	26	34.2	76	100.0
	10,001 - 25,000			2	3.6	17	30.4	37	66.1	56	100.0
	25,001 - 50,000	1	4.5			2	9.1	19	86.4	22	100.0
	50,001 - 100,000							10	100.0	10	100.0
	Greater than 100,000							4	100.0	4	100.0
Total		140	35.4	87	22.0	65	16.4	104	26.3	396	100.0

Mutual Aid Calls

Table 25 illustrates the relationship between the size of the population served and the number of mutual aid calls.

There were 304 fire departments that reported on the number of mutual aid calls. The number of mutual aid calls was organized into 4 categories: 0 to 5, 6 to 10, 11 to 30 and 31 or more. There were 110 departments (36.2%) that reported 0 to 5 mutual aid calls, 44 departments (14.5%) reported 6 to 10 mutual aid calls, 75 departments (24.7%) reported 11 to 30 mutual aid calls, and 75 departments (24.7%) reported 31 or more mutual aid calls.

The majority of departments serving 5,000 people or less had 10 or fewer calls for mutual aid.

The majority of departments serving 10,000 people or more had 31 or more mutual aid calls.

Table 25. Population Served and Mutual Aid

	Mutual Aid								Total		
	0 - 5		6 - 10		11 - 30		31 or More		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	35	50.7	14	20.3	18	26.1	2	2.9	69	100.0
	1,251 - 2,500	30	38.5	13	16.7	23	29.5	12	15.4	78	100.0
	2,501 - 5,000	17	38.6	7	15.9	15	34.1	5	11.4	44	100.0
	5,001 - 10,000	20	34.5	6	10.3	11	19.0	21	36.2	58	100.0
	10,001 - 25,000	8	25.0	4	12.5	4	12.5	16	50.0	32	100.0
	25,001 - 50,000					2	14.3	12	85.7	14	100.0
	50,001 - 100,000					1	16.7	5	83.3	6	100.0
	Greater than 100,000					1	33.3	2	66.7	3	100.0
Total		110	36.2	44	14.5	75	24.7	75	24.7	304	100.0

Career Night-Time Responders

Table 26 illustrates the relationship between the size of the population served and the number of career night-time responders.

There were 217 fire departments that reported the number of career night-time responders. The number of career night-time responders was organized into 4 categories: 0, 1 to 5, 6 to 10, 11 or more. There were 91 departments (41.9%) that reported 0 career day-time responders, 49 departments (22.6%) reported 1 to 5 career night-time responders, 35 departments (16.1%) reported 6 to 10 career night-time responders, and 42 departments (19.4%) reported 11 or more career night-time responders.

Departments serving 2,500 people or less had almost no career night-time responders.

Major metropolitan departments had 11 or more night-time responders.

Table 26. Population Served and Career Night-Time Responders

		Career Night-time Responders								Total	
		0		1 - 5		6 - 10		11 or More		Number	Percent
		Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Population Served	1,250 and Less	28	96.6					1	3.4	29	100.0
	1,251 - 2,500	33	94.3	2	5.7					35	100.0
	2,501 - 5,000	16	57.1	10	35.7	1	3.6	1	3.6	28	100.0
	5,001 - 10,000	11	30.6	16	44.4	5	13.9	4	11.1	36	100.0
	10,001 - 25,000	2	4.1	16	32.7	21	42.9	10	20.4	49	100.0
	25,001 - 50,000	1	4.0	4	16.0	7	28.0	13	52.0	25	100.0
	50,001 - 100,000			1	9.1	1	9.1	9	81.8	11	100.0
	Greater than 100,000							4	100.0	4	100.0
Total		91	41.9	49	22.6	35	16.1	42	19.4	217	100.0

Combination Night-Time Responders

Table 27 illustrates the relationship between the size of the population served and the number of combination night-time responders.

There were 168 fire departments that reported the number of combination night-time responders. The number of combination night-time responders was organized into 4 categories: 0, 1 to 5, 6 to 10 and 11 or more. There were 109 departments (64.9%) that reported 0 combination night-time responders, 22 departments (13.1%) reported 1 to 5 combination night-time responders, 13 departments (7.7%) reported 6 to 10 combination night-time responders, and 24 departments (14.3%) reported 11 or more combination night-time responders.

Almost all departments serving 2,500 people or less had no combination night-time responders as did most departments serving 25,000 people or more.

Table 27. Population Served and Combination Night-Time Responders

		Combination Night-Time Responders								Total	
		0		1 - 5		6 - 10		11 or More		Number	Percent
		Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Population Served	1,250 and Less	28	96.6					1	3.4	29	100.0
	1,251 - 2,500	31	91.2	2	5.9			1	2.9	34	100.0
	2,501 - 5,000	13	48.1	7	25.9	2	7.4	5	18.5	27	100.0
	5,001 - 10,000	12	42.9	5	17.9	4	14.3	7	25.0	28	100.0
	10,001 - 25,000	10	34.5	4	13.8	6	20.7	9	31.0	29	100.0
	25,001 - 50,000	10	66.7	3	20.0	1	6.7	1	6.7	15	100.0
	50,001 - 100,000	3	75.0	1	25.0					4	100.0
	Greater than 100,000	2	100.0							2	100.0
Total		109	64.9	22	13.1	13	7.7	24	14.3	168	100.0

Volunteer Night-Time Responders

Table 28 illustrates the relationship between the size of the population served and the number of volunteer night-time responders.

There were 418 fire departments that reported the number of volunteer night-time responders. The number of volunteer night-time responders was organized into 4 categories: 0 to 5, 6 to 10, 11 to 15, and 16 or more. There were 64 departments (15.3%) that reported 0 to 5 volunteer night-time responders, 184 departments (44%) reported 6 to 10 volunteer night-time responders, 113 departments (27%) reported 11 to 15 volunteer night-time responders, and 57 departments (13.6%) reported 16 or more volunteer night-time responders.

The majority of departments serving 5,000 people or less had 10 or less volunteer night-time responders.

The majority of departments serving more than 25,000 people had 5 or less volunteer night-time responders.

The majority of departments serving between 5,001 and 10,000 people reported having between 6 and 10 volunteer night-time responders.

Table 28. Population Served and Volunteer Night-Time Responders

		Volunteer Night-time Responders								Total	
		0 - 5		6 - 10		11 - 15		16 or More		Number	Percent
		Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Population Served	1,250 and Less	12	11.5	59	56.7	27	26.0	6	5.8	104	100.0
	1,251 - 2,500	9	8.1	56	50.5	36	32.4	10	9.0	111	100.0
	2,501 - 5,000	4	5.5	32	43.8	25	34.2	12	16.4	73	100.0
	5,001 - 10,000	7	10.0	27	38.6	20	28.6	16	22.9	70	100.0
	10,001 - 25,000	16	44.4	8	22.2	4	11.1	8	22.2	36	100.0
	25,001 - 50,000	11	64.7	1	5.9	1	5.9	4	23.5	17	100.0
	50,001 - 100,000	3	60.0	1	20.0			1	20.0	5	100.0
	Greater than 100,000	2	100.0							2	100.0
Total		64	15.3	184	44.0	113	27.0	57	13.6	418	100.0

Career Day-Time Responders

Table 29 illustrates the relationship between the size of the population served and the number of career day-time responders.

There were 214 fire departments that reported the number of career day-time responders. The number of career day-time responders was organized into 4 categories: 0, 1 to 5, 5 to 10, and 11 or more. There were 83 departments (38.8%) that reported 0 career day-time responders, 51 departments (23.8%) reported 1 to 5 career day-time responders, 41 departments (19.2%) reported 6 to 10 career day-time responders, and 39 departments (18.2%) reported 11 or more career day-time responders.

The majority of departments serving less than 5,000 people reported having no career day-time responders.

The majority of departments serving more than 25,000 people reported 11 or more career day-time responders.

Table 29. Population Served and Career Day-Time Responders

	Career Day-Time Responders								Total		
	0		1 - 5		6 - 10		11 or More		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	28	96.6			1	3.4			29	100.0
	1,251 - 2,500	31	91.2	3	8.8					34	100.0
	2,501 - 5,000	13	50.0	11	42.3	1	3.8	1	3.8	26	100.0
	5,001 - 10,000	9	25.0	16	44.4	7	19.4	4	11.1	36	100.0
	10,001 - 25,000	1	2.0	16	32.7	24	49.0	8	16.3	49	100.0
	25,001 - 50,000	1	4.0	4	16.0	7	28.0	13	52.0	25	100.0
	50,001 - 100,000			1	9.1	1	9.1	9	81.8	11	100.0
	Greater than 100,000							4	100.0	4	100.0
Total		83	38.8	51	23.8	41	19.2	39	18.2	214	100.0

Combination Day-Time Responders

Table 30 illustrates the relationship between the size of the population served and the number of combination day-time responders.

There were 168 fire departments that reported the number of combination day-time responders. The number of day-time responders was organized into 4 categories: 0, 1 to 5, 6 to 10, and 11 or more. There were 107 departments (63.7%) that reported 0 combination day-time responders, 26 departments (15.5%) reported 1 to 5 combination day-time responders, 23 departments (13.7%) reported 6 to 10 combination day-time responders, and 12 departments (7.1%) reported more than 10 combination day-time responders.

Almost all of the departments that serve less than 2,500 people have no combination day-time responders.

The majority of departments that serve more than 25,000 people have no combination day-time responders.

The majority of departments that reported having combination day-time responders were those that served populations between the size of 2,501 and 25,000. Typically, these departments reported 10 or less combination day-time responders.

Table 30. Population Served and Combination Day-Time Responders

		Combination Day-time Responders								Total	
		0		1 - 5		6 - 10		11 or More		Number	Percent
		Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Population Served	1,250 and Less	28	96.6			1	3.4			29	100.0
	1,251 - 2,500	30	90.9	1	3.0	2	6.1			33	100.0
	2,501 - 5,000	13	48.1	9	33.3	3	11.1	2	7.4	27	100.0
	5,001 - 10,000	11	37.9	5	17.2	8	27.6	5	17.2	29	100.0
	10,001 - 25,000	10	34.5	7	24.1	8	27.6	4	13.8	29	100.0
	25,001 - 50,000	10	66.7	3	20.0	1	6.7	1	6.7	15	100.0
	50,001 - 100,000	3	75.0	1	25.0					4	100.0
	Greater than 100,000	2	100.0							2	100.0
Total		107	63.7	26	15.5	23	13.7	12	7.1	168	100.0

Volunteer Day-Time Responders

Table 31 illustrates the relationship between the size of the population served and the number of volunteer day-time responders.

There were 420 fire departments that reported on the number of volunteer day-time responders. The number of volunteer day-time responders was organized into 4 categories: 0 to 3, 4 to 5, 6 to 9, and 10 or more. There were 79 departments (18.8%) that reported 0 to 3 volunteer day-time responders, 118 departments (28.1%) reported 4 to 5 volunteer day-time responders, 141 departments (33.6%) reported 6 to 9 volunteer day-time responders, and 82 departments (19.5%) reported 10 or more volunteer day-time responders.

The majority of departments serving more than 25,000 people reported having 3 or fewer volunteer day-time responders.

The majority of departments that served 10,000 or less people reported having between 4 and 9 volunteer day-time responders.

Table 31. Population Served and Volunteer Day-Time Responders

	Volunteer Day-Time Responders								Total		
	0 - 3		4 - 5		6 - 9		10 or More		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	15	14.3	40	38.1	29	27.6	21	20.0	105	100.0
	1,251 - 2,500	19	17.0	40	35.7	40	35.7	13	11.6	112	100.0
	2,501 - 5,000	5	6.8	23	31.1	31	41.9	15	20.3	74	100.0
	5,001 - 10,000	8	11.4	11	15.7	31	44.3	20	28.6	70	100.0
	10,001 - 25,000	16	45.7	4	11.4	7	20.0	8	22.9	35	100.0
	25,001 - 50,000	11	64.7			2	11.8	4	23.5	17	100.0
	50,001 - 100,000	3	60.0			1	20.0	1	20.0	5	100.0
	Greater than 100,000	2	100.0							2	100.0
Total		79	18.8	118	28.1	141	33.6	82	19.5	420	100.0

Minutes it Takes for Initial Suppression Unit to Arrive

Table 32 illustrates the relationship between the size of the population served and the total number of minutes it takes for an initial suppression unit to arrive.

There were 480 fire departments that reported the total number of minutes it takes for initial suppression unit to arrive. The total number of minutes it takes for initial suppression unit to arrive was organized into 4 categories: 5 or less, 6 to 10, 11 to 15, and 16 or more. There were 165 departments (34.4%) that reported it took 5 or less minutes for initial suppression unit to arrive, 215 departments (44.8%) reported it took 6 to 10 minutes for initial suppression unit to arrive, 75 departments (15.6%) reported it took 11 to 15 minutes for initial suppression unit to arrive, and 25 departments (5.2%) reported it took 16 or more minutes for initial suppression unit to arrive.

The majority of departments serving 10,000 people or more had an initial suppression unit arrive in 5 minutes or less. All of the departments serving 100,000 people or more responded that they had an initial suppression unit arrive in five minutes or less.

The majority of departments that serve 10,000 people or less responded that they had an initial suppression unit arrive between 6 and 10 minutes.

Departments serving 2,500 people or less were the most likely to report initial suppression units to arrive in 11 or more minutes.

Table 32. Population Served and Minutes it Takes for Initial Suppression Unit to Arrive

		Minutes it Takes for Initial Suppression Unit to Arrive								Total	
		5 or Less		6 - 10		11 - 15		16 or More		Number	Percent
		Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Total Active Members	15 or Less	25	21.4	53	45.3	30	25.6	9	7.7	117	100.0
	16 - 20	31	26.7	61	52.6	18	15.5	6	5.2	116	100.0
	21 - 30	60	42.0	56	39.2	20	14.0	7	4.9	143	100.0
	31 or More	50	44.6	49	43.8	9	8.0	4	3.6	112	100.0
Total		166	34.0	219	44.9	77	15.8	26	5.3	488	100.0

SERVICES

Public Service Provided: Fire Response

Table 33 illustrates the relationship between the size of the population served and whether or not the department provides fire response service.

There were 522 fire departments that reported whether or not they provided fire response service. There were 515 departments (98.7%) that reported that they did provide fire response service, only 7 departments (1.3%) reported that they did not.

Service size doesn't make a difference, all but a very small minority of departments provide fire response service.

Those that do not provide fire response service were for the most part evenly distributed between the first 4 size of population served categories: 1,250 and less; 1,251 to 2,500; 2,501 to 5,000; and 5,001 to 10,000.

Table 33. Population Served and Public Service Provided: Fire Response

	Public Service Provided: Fire Response				Total		
	No		Yes		Number	Percent	
	Number	Percent	Number	Percent			
Population Served	1,250 and Less	1	.9	110	99.1	111	100.0
	1,251 - 2,500	2	1.7	117	98.3	119	100.0
	2,501 - 5,000	1	1.1	89	98.9	90	100.0
	5,001 - 10,000	3	3.2	90	96.8	93	100.0
	10,001 - 25,000			67	100.0	67	100.0
	25,001 - 50,000			28	100.0	28	100.0
	50,001 - 100,000			10	100.0	10	100.0
	Greater than 100,000			4	100.0	4	100.0
Total		7	1.3	515	98.7	522	100.0

Public Service Provided: Medical Response

Table 34 illustrates the relationship between the size of the population served and whether or not medical response service was provided.

There were 522 departments that reported whether or not medical response service was provided. There were 412 departments (78.9%) that reported they did provide medical response service, and 110 departments (21.1%) reported that they did not.

The majority of all departments, regardless of service size, provided medical response. Those departments serving 10,000 people or less were less likely to provide medical response than those serving larger population areas.

Table 34. Population Served and Public Service Provided: Medical Response

		Public Service Provided: Medical Response				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	30	27.8	78	72.2	108	100.0
	1,251 - 2,500	28	24.1	88	75.9	116	100.0
	2,501 - 5,000	23	25.3	68	74.7	91	100.0
	5,001 - 10,000	21	22.3	73	77.7	94	100.0
	10,001 - 25,000	5	7.2	64	92.8	69	100.0
	25,001 - 50,000	3	10.3	26	89.7	29	100.0
	50,001 - 100,000			11	100.0	11	100.0
	Greater than 100,000			4	100.0	4	100.0
Total		110	21.1	412	78.9	522	100.0

Medical First Responder

Table 35 illustrates the relationship between the size of the population served and whether or not the department provides medical first responder service.

There were 541 fire departments that reported whether or not they provided first responder service. There were 300 departments (55.5%) that reported that they provided medical first responder service, and 241 departments (44.5%) reported that they did not.

The majority of departments that serve up to 10,000 people reported providing medical first responder service.

The majority of departments that serve more than 10,000 people reported that they were more likely to not have medical first responder service.

All of the major metropolitan departments reported no medical first responder service.

Table 35. Population Served and Medical First Responder

		Medical First Responder				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	38	33.6	75	66.4	113	100.0
	1,251 - 2,500	41	33.6	81	66.4	122	100.0
	2,501 - 5,000	41	43.6	53	56.4	94	100.0
	5,001 - 10,000	48	49.0	50	51.0	98	100.0
	10,001 - 25,000	38	54.3	32	45.7	70	100.0
	25,001 - 50,000	23	79.3	6	20.7	29	100.0
	50,001 - 100,000	8	72.7	3	27.3	11	100.0
	Greater than 100,000	4	100.0			4	100.0
Total		241	44.5	300	55.5	541	100.0

EMT Services

Table 36 illustrates the relationship between the size of the population served and whether or not the department provided EMT service.

There were 541 departments that reported whether or not they provided EMT service. There were 171 departments (31.6%) that reported that they did provide EMT service, and 370 departments (68.4%) reported that they did not.

The majority of departments serving up to 50,000 people report no EMT service.

Table 36. Population Served and EMT

		EMT				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	86	76.1	27	23.9	113	100.0
	1,251 - 2,500	88	72.1	34	27.9	122	100.0
	2,501 - 5,000	61	64.9	33	35.1	94	100.0
	5,001 - 10,000	62	63.3	36	36.7	98	100.0
	10,001 - 25,000	46	65.7	24	34.3	70	100.0
	25,001 - 50,000	21	72.4	8	27.6	29	100.0
	50,001 - 100,000	5	45.5	6	54.5	11	100.0
	Greater than 100,000	1	25.0	3	75.0	4	100.0
Total		370	68.4	171	31.6	541	100.0

Paramedic Services

Table 37 illustrates the relationship between the size of the population served and whether or not the department provides paramedic service.

There were 541 departments that reported whether or not they provided paramedic service. There were 80 departments (14.8%) that reported that they provided paramedic service, and 461 departments (85.2%) that reported that they did not.

The majority of departments serving less than 25,000 people reported not having a paramedic. The majority of departments serving between 50,001 and 100,000 people also reported not having a medic.

The major metropolitan departments reported having a medic.

Table 37. Population Served and Paramedic

		Paramedic				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	109	96.5	4	3.5	113	100.0
	1,251 - 2,500	113	92.6	9	7.4	122	100.0
	2,501 - 5,000	89	94.7	5	5.3	94	100.0
	5,001 - 10,000	84	85.7	14	14.3	98	100.0
	10,001 - 25,000	46	65.7	24	34.3	70	100.0
	25,001 - 50,000	13	44.8	16	55.2	29	100.0
	50,001 - 100,000	6	54.5	5	45.5	11	100.0
	Greater than 100,000	1	25.0	3	75.0	4	100.0
Total		461	85.2	80	14.8	541	100.0

Public Service Provided: Ambulance Transport

Table 38 illustrates the relationship between the size of the population served and whether or not they provided ambulance transport.

There were 521 fire departments that reported whether or not they provided ambulance transport. There were 49 departments (9.4%) that reported that they did provide ambulance service, and 472 departments (90.6%) reported that they did not.

All of the departments serving 1,250 people or less reported having no ambulance transport.

Most of the departments serving 10,000 or less reported having no ambulance transport.

The majority of departments, regardless of population service size, reported having no ambulance transport.

Table 38. Population Served and Public Service Provided: Ambulance Transport

		Public Service Provided: Ambulance Transport				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	109	100.0			109	100.0
	1,251 - 2,500	114	97.4	3	2.6	117	100.0
	2,501 - 5,000	84	94.4	5	5.6	89	100.0
	5,001 - 10,000	86	92.5	7	7.5	93	100.0
	10,001 - 25,000	52	75.4	17	24.6	69	100.0
	25,001 - 50,000	18	62.1	11	37.9	29	100.0
	50,001 - 100,000	7	63.6	4	36.4	11	100.0
	Greater than 100,000	2	50.0	2	50.0	4	100.0
Total		472	90.6	49	9.4	521	100.0

BLS Level Ambulance Support

Table 39 illustrates the relationship between the size of the population served and whether or not the department had BLS level ambulance support.

There were 541 fire departments that reported whether or not they had BLS level ambulance support. There were 15 departments (2.8%) that reported that they had BLS level ambulance support, and 526 departments (97.2%) reported that they did not.

For the most part, regardless of the size of the population served, no department has BLS level ambulance transport.

Table 39. Population Served and BLS Level

		BLS Level				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	113	100.0			113	100.0
	1,251 - 2,500	119	97.5	3	2.5	122	100.0
	2,501 - 5,000	91	96.8	3	3.2	94	100.0
	5,001 - 10,000	95	96.9	3	3.1	98	100.0
	10,001 - 25,000	65	92.9	5	7.1	70	100.0
	25,001 - 50,000	29	100.0			29	100.0
	50,001 - 100,000	10	90.9	1	9.1	11	100.0
	Greater than 100,000	4	100.0			4	100.0
Total		526	97.2	15	2.8	541	100.0

ALS Level Ambulance Support

Table 40 illustrates the relationship between the size of the population served and whether or not the department provided ALS level ambulance support.

There were 541 fire departments that reported whether or not they provided ALS level ambulance support. There were 51 departments (9.4%) that reported that they did provide ALS level ambulance support, and 490 departments (90.6%) reported that they did not.

Almost all of the departments that serve up to 10,000 people reported no ALS level ambulance support.

Departments serving more than 10,000 people reported having ALS level ambulance support.

Table 40. Population Served and ALS Level

		ALS Level				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	112	99.1	1	.9	113	100.0
	1,251 - 2,500	119	97.5	3	2.5	122	100.0
	2,501 - 5,000	90	95.7	4	4.3	94	100.0
	5,001 - 10,000	90	91.8	8	8.2	98	100.0
	10,001 - 25,000	53	75.7	17	24.3	70	100.0
	25,001 - 50,000	17	58.6	12	41.4	29	100.0
	50,001 - 100,000	7	63.6	4	36.4	11	100.0
	Greater than 100,000	2	50.0	2	50.0	4	100.0
Total		490	90.6	51	9.4	541	100.0

Vehicle Extrication Services

Table 41 illustrates the relationship between the size of the population served and whether or not the department provided vehicle extrication service.

There were 541 fire departments that reported whether or not they provided vehicle extrication service. There were 401 departments (74.1%) that reported that they provided vehicle extrication service, and 140 departments (25.9%) reported that they did not.

Other than the departments that serve 1,250 people or less, the majority of departments provided vehicle extrication service.

Table 41. Population Served and Vehicle Extrication

		Vehicle Extrication				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	65	57.5	48	42.5	113	100.0
	1,251 - 2,500	32	26.2	90	73.8	122	100.0
	2,501 - 5,000	24	25.5	70	74.5	94	100.0
	5,001 - 10,000	13	13.3	85	86.7	98	100.0
	10,001 - 25,000	3	4.3	67	95.7	70	100.0
	25,001 - 50,000	2	6.9	27	93.1	29	100.0
	50,001 - 100,000	1	9.1	10	90.9	11	100.0
	Greater than 100,000			4	100.0	4	100.0
Total	140	25.9	401	74.1	541	100.0	

Surface Water Support

Table 42 illustrates the relationship between the size of the population served and whether or not the department provided surface water support.

There were 541 fire departments that reported whether or not they provided surface water support. There were 185 departments (34.2%) that reported that they did provide surface water support, and 356 departments (65.8%) reported that they did not.

The majority of departments serving up to 10,000 people reported no service for surface water requests. The majority of departments serving more than 10,000 people reported having surface water service.

Table 42. Population Served and Water: Surface

		Water: Surface				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	95	84.1	18	15.9	113	100.0
	1,251 - 2,500	97	79.5	25	20.5	122	100.0
	2,501 - 5,000	63	67.0	31	33.0	94	100.0
	5,001 - 10,000	58	59.2	40	40.8	98	100.0
	10,001 - 25,000	31	44.3	39	55.7	70	100.0
	25,001 - 50,000	10	34.5	19	65.5	29	100.0
	50,001 - 100,000	2	18.2	9	81.8	11	100.0
	Greater than 100,000			4	100.0	4	100.0
Total		356	65.8	185	34.2	541	100.0

Under Water Service

Table 43 illustrates the relationship between the size of the population served and whether or not the department had under water service.

There were 541 fire departments that reported whether or not they provided under water service. There were 46 departments (8.5%) that reported that they did have under water service, and 495 departments (91.5%) reported that they did not.

The majority of departments, regardless of the size of the population served, reported not having under water service.

Table 43. Population Served and Water: Dive

		Water: Dive				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	109	96.5	4	3.5	113	100.0
	1,251 - 2,500	118	96.7	4	3.3	122	100.0
	2,501 - 5,000	88	93.6	6	6.4	94	100.0
	5,001 - 10,000	86	87.8	12	12.2	98	100.0
	10,001 - 25,000	58	82.9	12	17.1	70	100.0
	25,001 - 50,000	25	86.2	4	13.8	29	100.0
	50,001 - 100,000	8	72.7	3	27.3	11	100.0
	Greater than 100,000	3	75.0	1	25.0	4	100.0
Total	495	91.5	46	8.5	541	100.0	

Confined Space Service

Table 44 illustrates the relationship between the size of the population served and whether or not the department provided confined space service.

There were 541 fire departments that reported whether or not they provided confined space service. There were 143 departments (26.4%) that reported that they had confined space service, and 398 departments (73.6%) reported that they did not.

The majority of departments that serve up to 25,000 people reported that they did not provide confined space services. The majority of departments serving more than 25,000 people reported that they did provide confined space services.

Table 44. Population Served and Confined Space

		Confined Space				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	99	87.6	14	12.4	113	100.0
	1,251 - 2,500	107	87.7	15	12.3	122	100.0
	2,501 - 5,000	73	77.7	21	22.3	94	100.0
	5,001 - 10,000	69	70.4	29	29.6	98	100.0
	10,001 - 25,000	36	51.4	34	48.6	70	100.0
	25,001 - 50,000	12	41.4	17	58.6	29	100.0
	50,001 - 100,000	1	9.1	10	90.9	11	100.0
	Greater than 100,000	1	25.0	3	75.0	4	100.0
Total	398	73.6	143	26.4	541	100.0	

High-Angle Service

Table 45 illustrates the relationship between the size of the population served and whether or not the department provided high-angle service.

There were 541 fire departments that reported whether or not they provided high-angle service. There were 117 departments (21.6%) that reported that they did provide high-angle service, and 424 departments (78.4%) reported that they did not.

The majority of departments that serve up to 50,000 people reported no high-angle service.

All of the major metropolitan departments provided high angle services.

Table 45. Population Served and High-Angle

		High-Angle				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	108	95.6	5	4.4	113	100.0
	1,251 - 2,500	113	92.6	9	7.4	122	100.0
	2,501 - 5,000	76	80.9	18	19.1	94	100.0
	5,001 - 10,000	71	72.4	27	27.6	98	100.0
	10,001 - 25,000	38	54.3	32	45.7	70	100.0
	25,001 - 50,000	16	55.2	13	44.8	29	100.0
	50,001 - 100,000	2	18.2	9	81.8	11	100.0
	Greater than 100,000			4	100.0	4	100.0
Total		424	78.4	117	21.6	541	100.0

Trench Service

Table 46 illustrates the relationship between the size of the population served and whether or not the department provides trench service.

There were 541 departments that reported whether or not they provide trench service. There were 128 departments (23.7%) that reported that they did provide trench service, and 413 departments (76.3%) reported that they did not.

The majority of departments that serve up to 25,000 people reported having no trench services.

The majority of departments serving more than 25,000 people reported providing trench services.

Table 46. Population Served and Trench

		Trench				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	104	92.0	9	8.0	113	100.0
	1,251 - 2,500	111	91.0	11	9.0	122	100.0
	2,501 - 5,000	76	80.9	18	19.1	94	100.0
	5,001 - 10,000	69	70.4	29	29.6	98	100.0
	10,001 - 25,000	37	52.9	33	47.1	70	100.0
	25,001 - 50,000	12	41.4	17	58.6	29	100.0
	50,001 - 100,000	3	27.3	8	72.7	11	100.0
	Greater than 100,000	1	25.0	3	75.0	4	100.0
Total		413	76.3	128	23.7	541	100.0

Structural Collapse Service

Table 47 illustrates the relationship between the size of the population served and whether or not the department provides structural collapse service.

There were 541 fire departments that reported whether or not they provided structural collapse service. There were 145 departments (26.8%) that reported that they provided structural collapse service, and 396 departments (73.2%) reported that they did not.

Departments serving more than 50,000 people were most likely to provide structural collapse services.

Table 47. Population Served and Structural Collapse

		Structural Collapse				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	96	85.0	17	15.0	113	100.0
	1,251 - 2,500	107	87.7	15	12.3	122	100.0
	2,501 - 5,000	72	76.6	22	23.4	94	100.0
	5,001 - 10,000	58	59.2	40	40.8	98	100.0
	10,001 - 25,000	40	57.1	30	42.9	70	100.0
	25,001 - 50,000	20	69.0	9	31.0	29	100.0
	50,001 - 100,000	3	27.3	8	72.7	11	100.0
	Greater than 100,000			4	100.0	4	100.0
Total	396	73.2	145	26.8	541	100.0	

Hazardous Materials Awareness Service

Table 48 illustrates the relationship between the size of the population served and whether or not the department provides hazardous materials awareness service.

There were 541 fire departments that reported whether or not they provided hazardous materials awareness service. There were 335 departments (61.9%) that reported that they provided hazardous materials awareness service, and 206 departments (38.1%) reported that they did not.

The majority of departments that serve up to 10,000 people provide hazardous materials awareness services.

The majority of departments serving more than 10,000 people reported that they did not provide hazardous materials awareness services.

Table 48. Population Served and Awareness

	Hazardous Materials Awareness				Total		
	No		Yes		Number	Percent	
	Number	Percent	Number	Percent			
Population Served	1,250 and Less	32	28.3	81	71.7	113	100.0
	1,251 - 2,500	30	24.6	92	75.4	122	100.0
	2,501 - 5,000	33	35.1	61	64.9	94	100.0
	5,001 - 10,000	36	36.7	62	63.3	98	100.0
	10,001 - 25,000	41	58.6	29	41.4	70	100.0
	25,001 - 50,000	22	75.9	7	24.1	29	100.0
	50,001 - 100,000	8	72.7	3	27.3	11	100.0
	Greater than 100,000	4	100.0			4	100.0
Total		206	38.1	335	61.9	541	100.0

Hazardous Materials Operations Service

Table 49 illustrates the relationship between the size of the population served and whether or not the department provides hazardous materials operations service.

There were 541 fire departments that reported whether or not they provided hazardous materials operations service. There were 233 departments (43.1%) that reported that they provided hazardous materials operations service, and 308 departments (56.9%) that did not.

The majority of departments that serve up to 2,500 people reported not having any hazardous materials operations services.

The majority of departments that serve more than 2,500 people reported providing hazardous materials operations services.

Table 49. Population Served and Operations

	Hazardous Materials Operations				Total		
	No		Yes		Number	Percent	
	Number	Percent	Number	Percent			
Population Served	1,250 and Less	88	77.9	25	22.1	113	100.0
	1,251 - 2,500	87	71.3	35	28.7	122	100.0
	2,501 - 5,000	43	45.7	51	54.3	94	100.0
	5,001 - 10,000	45	45.9	53	54.1	98	100.0
	10,001 - 25,000	28	40.0	42	60.0	70	100.0
	25,001 - 50,000	12	41.4	17	58.6	29	100.0
	50,001 - 100,000	4	36.4	7	63.6	11	100.0
	Greater than 100,000	1	25.0	3	75.0	4	100.0
Total		308	56.9	233	43.1	541	100.0

Hazardous Materials Technician Service

Table 50 illustrates the relationship between the size of the population served and whether or not the department provides hazardous materials technician service.

There were 541 fire departments that reported whether or not they provided hazardous materials technician service. There were 116 departments (21.4%) that reported that they did provide hazardous materials technician service, and 425 departments (78.6%) reported that they did not.

The majority of departments that served between 10,001 to 25,000; and 50,001 to 100,000 people reported that they provided hazardous materials technician service. Other than these two department types, the remaining departments reported that they did not provide hazardous materials technician service.

Table 50. Population Served and Technician

		Hazardous Materials Technician				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	108	95.6	5	4.4	113	100.0
	1,251 - 2,500	114	93.4	8	6.6	122	100.0
	2,501 - 5,000	76	80.9	18	19.1	94	100.0
	5,001 - 10,000	71	72.4	27	27.6	98	100.0
	10,001 - 25,000	34	48.6	36	51.4	70	100.0
	25,001 - 50,000	16	55.2	13	44.8	29	100.0
	50,001 - 100,000	4	36.4	7	63.6	11	100.0
	Greater than 100,000	2	50.0	2	50.0	4	100.0
Total		425	78.6	116	21.4	541	100.0

Hazardous Materials Specialist Service

Table 51 illustrates the relationship between the size of the population served and whether or not the department provides hazardous materials specialist service.

There were 541 fire departments that reported whether or not they provided hazardous materials specialist support. There were 17 departments (3.1%) that reported that they provided hazardous materials specialist support, and 524 departments (96.9%) reported that they did not.

Departments serving less than 2,500 people reported that they did not provide hazardous materials specialist support.

Those departments that did report that they provided hazardous materials specialist services served between 2,500 and 100,000 people.

Table 51. Population Served and Specialist

	Hazardous Materials Specialist				Total		
	No		Yes		Number	Percent	
	Number	Percent	Number	Percent			
Population Served	1,250 and Less	113	100.0			113	100.0
	1,251 - 2,500	122	100.0			122	100.0
	2,501 - 5,000	92	97.9	2	2.1	94	100.0
	5,001 - 10,000	96	98.0	2	2.0	98	100.0
	10,001 - 25,000	65	92.9	5	7.1	70	100.0
	25,001 - 50,000	24	82.8	5	17.2	29	100.0
	50,001 - 100,000	8	72.7	3	27.3	11	100.0
	Greater than 100,000	4	100.0			4	100.0
Total		524	96.9	17	3.1	541	100.0

Public Education Programs

Table 52 illustrates the relationship between the size of the population served and whether or not the department provides public education programs.

There were 528 fire departments that reported whether or not they provide public education programs. There were 425 departments (80.5%) that reported that they did provide public education programs, and 103 departments (19.5%) reported that they did not.

Departments serving 10,000 people or less were more likely to report that they did not provide public education programs than were departments serving more than 10,000 people. All departments serving more than 10,000 people reported having public education programs.

Table 52. Population Served and Public Education Programs

		Public Education Programs				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	46	42.6	62	57.4	108	100.0
	1,251 - 2,500	30	25.2	89	74.8	119	100.0
	2,501 - 5,000	14	15.4	77	84.6	91	100.0
	5,001 - 10,000	13	13.4	84	86.6	97	100.0
	10,001 - 25,000			69	100.0	69	100.0
	25,001 - 50,000			29	100.0	29	100.0
	50,001 - 100,000			11	100.0	11	100.0
	Greater than 100,000			4	100.0	4	100.0
Total		103	19.5	425	80.5	528	100.0

Adopted Fire Code – Residential

Table 53 illustrates the relationship between the size of the population served and whether or not the department provides a residential adopted fire code.

There were 523 fire departments that reported whether or not they had a residential adopted fire code. There were 149 departments (28.5%) that reported that they had a residential adopted fire code, and 374 departments (71.5%) reported that they did not.

The majority of departments serving more than 10,000 people were more likely to report having a residential adopted fire code.

Table 53. Population Served and Adopted Fire Code – Residential

		Adopted Fire Code - Residential				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	108	97.3	3	2.7	111	100.0
	1,251 - 2,500	107	89.2	13	10.8	120	100.0
	2,501 - 5,000	66	75.0	22	25.0	88	100.0
	5,001 - 10,000	58	61.1	37	38.9	95	100.0
	10,001 - 25,000	24	35.8	43	64.2	67	100.0
	25,001 - 50,000	8	29.6	19	70.4	27	100.0
	50,001 - 100,000	2	18.2	9	81.8	11	100.0
	Greater than 100,000	1	25.0	3	75.0	4	100.0
Total	374	71.5	149	28.5	523	100.0	

Adopted Fire Code – Commercial

Table 54 illustrates the relationship between the size of the population served and whether or not the department has a commercial adopted fire code.

There were 524 fire departments that reported whether or not the department had a commercial adopted fire code. There were 173 departments (33%) that reported that they had a commercial adopted fire code, and 351 departments (67%) reported that they did not.

The majority of departments serving more than 10,000 people were more likely to report that they had a commercial adopted fire code.

Table 54. Population Served and Adopted Fire Code – Commercial

		Adopted Fire Code - Commercial				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	107	97.3	3	2.7	110	100.0
	1,251 - 2,500	107	89.2	13	10.8	120	100.0
	2,501 - 5,000	65	74.7	22	25.3	87	100.0
	5,001 - 10,000	51	53.1	45	46.9	96	100.0
	10,001 - 25,000	18	26.5	50	73.5	68	100.0
	25,001 - 50,000	2	6.9	27	93.1	29	100.0
	50,001 - 100,000	1	10.0	9	90.0	10	100.0
	Greater than 100,000			4	100.0	4	100.0
Total	351	67.0	173	33.0	524	100.0	

Conduct Fire Investigations

Table 55 illustrates the relationship between the size of the population served and whether or not the department conducts fire investigations.

There were 520 fire departments that reported whether or not they conduct fire investigations. There were 241 departments (46.3%) that reported that they did conduct fire investigations, and 279 departments (53.7%) reported that they did not.

The majority of departments that serve more than 5,000 people reported that they conduct fire investigations.

Table 55. Population Served and Conduct Fire Investigations

		Conduct Fire Investigations				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	87	80.6	21	19.4	108	100.0
	1,251 - 2,500	82	68.9	37	31.1	119	100.0
	2,501 - 5,000	50	56.2	39	43.8	89	100.0
	5,001 - 10,000	44	48.4	47	51.6	91	100.0
	10,001 - 25,000	13	18.8	56	81.2	69	100.0
	25,001 - 50,000	3	10.3	26	89.7	29	100.0
	50,001 - 100,000			11	100.0	11	100.0
	Greater than 100,000			4	100.0	4	100.0
Total		279	53.7	241	46.3	520	100.0

TRAINING

Dedicated Training Budget

Table 56 illustrates the relationship between the size of the population served and whether or not the department had a dedicated training budget.

There were 525 fire departments that reported whether or not they had a dedicated training budget. There were 277 departments (52.8%) that reported that they did have a dedicated training budget, and 248 departments (47.2%) reported that they did not.

Departments serving 2,500 people or less were most likely to report no dedicated training budget

Table 56. Population Served and Dedicated Training Budget

	Dedicated Training Budget				Total		
	No		Yes		Number	Percent	
	Number	Percent	Number	Percent			
Population Served	1,250 and Less	95	84.8	17	15.2	112	100.0
	1,251 - 2,500	72	61.0	46	39.0	118	100.0
	2,501 - 5,000	43	48.3	46	51.7	89	100.0
	5,001 - 10,000	28	28.9	69	71.1	97	100.0
	10,001 - 25,000	8	11.8	60	88.2	68	100.0
	25,001 - 50,000	2	7.7	24	92.3	26	100.0
	50,001 - 100,000			11	100.0	11	100.0
	Greater than 100,000			4	100.0	4	100.0
Total		248	47.2	277	52.8	525	100.0

Require Minimum Certification of Fire Fighter 1

Table 57 illustrates the relationship between the size of the population served and whether or not the department requires minimum certification of fire fighter 1.

There were 524 fire departments that reported whether or not the department requires fire fighter 1 minimum certification. There were 145 departments (27.7%) that reported that they required fire fighter 1 certification, and 379 departments (72.3%) that reported they did not.

The majority of departments serving 10,000 people or less reported that they did not require a minimum certification of fire fighter 1. Those departments serving more than 10,000 people were more likely to report that they required a minimum certification of fire fighter 1.

Table 57. Population Served and Require Minimum Certification of Fire Fighter

		Require Minimum Certification of Fire Fighter				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	99	88.4	13	11.6	112	100.0
	1,251 - 2,500	108	91.5	10	8.5	118	100.0
	2,501 - 5,000	74	84.1	14	15.9	88	100.0
	5,001 - 10,000	63	65.6	33	34.4	96	100.0
	10,001 - 25,000	27	39.1	42	60.9	69	100.0
	25,001 - 50,000	4	15.4	22	84.6	26	100.0
	50,001 - 100,000	3	27.3	8	72.7	11	100.0
	Greater than 100,000	1	25.0	3	75.0	4	100.0
Total		379	72.3	145	27.7	524	100.0

Minimum Training Before Fire Suppression Activities

Table 58 illustrates the relationship between the size of the population served and whether or not the department requires a minimum number of training hours before operational personnel become involved in fire suppression activities.

There were 519 fire departments that reported whether or not they required a minimum number of training hours before fire suppression activities. There were 278 departments (53.6%) that reported that they did require a minimum number of training hours, and 241 departments (46.4%) reported that they did not.

Departments serving 2,500 people and less were most likely to not require a minimum number of training hours and those serving more than 25,000 were most likely to require a minimum number of training hours.

Table 58. Population Served and Minimum Training Before Fire Suppression Activities

		Minimum Training Before Fire Suppression Activities				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	69	62.2	42	37.8	111	100.0
	1,251 - 2,500	72	60.5	47	39.5	119	100.0
	2,501 - 5,000	33	37.5	55	62.5	88	100.0
	5,001 - 10,000	36	38.7	57	61.3	93	100.0
	10,001 - 25,000	20	29.4	48	70.6	68	100.0
	25,001 - 50,000	6	23.1	20	76.9	26	100.0
	50,001 - 100,000	2	20.0	8	80.0	10	100.0
	Greater than 100,000	3	75.0	1	25.0	4	100.0
Total		241	46.4	278	53.6	519	100.0

Designated Training Officer

Table 59 illustrates the relationship between the size of the population served and whether or not the department has a designated training officer.

There were 526 fire departments that reported whether or not they had a designated training officer. There were 337 departments (64.1%) that reported they had a designated training officer, and 189 departments (35.9%) reported that they did not.

Departments serving 2,500 people or less were most likely to not have a designated training officer.

Table 59. Population Served and Designated Training Officer

		Designated Training Officer				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	70	62.5	42	37.5	112	100.0
	1,251 - 2,500	65	55.1	53	44.9	118	100.0
	2,501 - 5,000	28	31.1	62	68.9	90	100.0
	5,001 - 10,000	15	15.6	81	84.4	96	100.0
	10,001 - 25,000	9	13.0	60	87.0	69	100.0
	25,001 - 50,000	1	3.8	25	96.2	26	100.0
	50,001 - 100,000			11	100.0	11	100.0
	Greater than 100,000	1	25.0	3	75.0	4	100.0
Total		189	35.9	337	64.1	526	100.0

Facility to Conduct In-House Training

Table 60 illustrates the relationship between the size of the population served and whether or not the department has a facility to conduct in-house training programs.

There were 523 fire departments that reported on whether or not they had a facility to conduct in-house training. There were 202 departments (38.6%) that reported having a facility to conduct in-house training, and 321 departments (61.4%) reported no facility to conduct in-house training.

Departments serving 10,000 people or less were more likely to not have a facility to conduct in-house training.

Table 60. Population Served and Facility to Conduct In-House Training

		Facility to Conduct In-House Training				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	93	83.0	19	17.0	112	100.0
	1,251 - 2,500	90	76.9	27	23.1	117	100.0
	2,501 - 5,000	51	58.6	36	41.4	87	100.0
	5,001 - 10,000	58	59.8	39	40.2	97	100.0
	10,001 - 25,000	19	27.9	49	72.1	68	100.0
	25,001 - 50,000	9	33.3	18	66.7	27	100.0
	50,001 - 100,000	1	9.1	10	90.9	11	100.0
	Greater than 100,000			4	100.0	4	100.0
Total		321	61.4	202	38.6	523	100.0

Training Room

Table 61 illustrates the relationship between the size of the population served and whether or not the department had a dedicated training facility with a training room.

There were 535 departments that reported whether or not they had a dedicated training facility with a training room. There were 217 departments (40.6%) that reported that they had a dedicated training facility with a training room, and 318 departments (59.4%) reported they did not.

Departments serving more than 10,000 people were most likely to report having a dedicated training facility with a training room.

Table 61. Population Served and Training Room

		Training Room				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	90	80.4	22	19.6	112	100.0
	1,251 - 2,500	93	77.5	27	22.5	120	100.0
	2,501 - 5,000	51	54.8	42	45.2	93	100.0
	5,001 - 10,000	58	59.2	40	40.8	98	100.0
	10,001 - 25,000	18	25.7	52	74.3	70	100.0
	25,001 - 50,000	8	29.6	19	70.4	27	100.0
	50,001 - 100,000			11	100.0	11	100.0
	Greater than 100,000			4	100.0	4	100.0
Total		318	59.4	217	40.6	535	100.0

Sprinkler Systems

Table 62 illustrates the relationship between the size of the population served and whether or not the department had a dedicated training facility with a sprinkler system.

There were 535 fire departments that reported whether or not they had a dedicated training facility with a sprinkler system training. There were 60 departments (11.2%) that reported that they had a dedicated training facility with a sprinkler system, and 475 departments (88.8%) that reported that they did not.

Regardless of the size of the population served, most departments did not have a dedicated training facility with a sprinkler system. This was especially true for departments serving 2,500 people or less.

Table 62. Population Served and Sprinkler Systems

		Sprinkler Systems				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	110	98.2	2	1.8	112	100.0
	1,251 - 2,500	120	100.0			120	100.0
	2,501 - 5,000	85	91.4	8	8.6	93	100.0
	5,001 - 10,000	87	88.8	11	11.2	98	100.0
	10,001 - 25,000	49	70.0	21	30.0	70	100.0
	25,001 - 50,000	16	59.3	11	40.7	27	100.0
	50,001 - 100,000	6	54.5	5	45.5	11	100.0
	Greater than 100,000	2	50.0	2	50.0	4	100.0
Total		475	88.8	60	11.2	535	100.0

Driving Course

Table 63 illustrates the relationship between the size of the population served and whether or not the department had access to a dedicated training facility with a driving course.

There were 535 fire departments that reported on whether or not they had access to a driving course training facility. There were 76 departments (14.2%) that reported that they had access to a driving course, and 459 departments (85.8%) reported that they did not.

Regardless of the size of the population served, most departments do not have access to a dedicated driving course facility.

Table 63. Population Served and Driving Course

		Driving Course				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	110	98.2	2	1.8	112	100.0
	1,251 - 2,500	113	94.2	7	5.8	120	100.0
	2,501 - 5,000	81	87.1	12	12.9	93	100.0
	5,001 - 10,000	83	84.7	15	15.3	98	100.0
	10,001 - 25,000	45	64.3	25	35.7	70	100.0
	25,001 - 50,000	19	70.4	8	29.6	27	100.0
	50,001 - 100,000	6	54.5	5	45.5	11	100.0
	Greater than 100,000	2	50.0	2	50.0	4	100.0
Total		459	85.8	76	14.2	535	100.0

Burn-Building

Table 64 illustrates the relationship between the size of the population served and whether or not the department had a dedicated training facility with a burn-building?

There were 535 fire departments that reported whether or not they had a dedicated training facility with a burn-building. There were 72 departments (13.5%) that reported that they had a dedicated training facility with a burn-building, and 463 departments (86.5%) reported that they did not.

The majority of departments, regardless of the size of the population served, reported not having a dedicated training facility with a burn-building. However, the largest number of departments (23) with a dedicated training facility with a burn-building served between 5,001 and 10,000 people.

Table 64. Population Served and Burn-Building

		Burn-Building				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	108	96.4	4	3.6	112	100.0
	1,251 - 2,500	117	97.5	3	2.5	120	100.0
	2,501 - 5,000	85	91.4	8	8.6	93	100.0
	5,001 - 10,000	75	76.5	23	23.5	98	100.0
	10,001 - 25,000	52	74.3	18	25.7	70	100.0
	25,001 - 50,000	18	66.7	9	33.3	27	100.0
	50,001 - 100,000	5	45.5	6	54.5	11	100.0
	Greater than 100,000	3	75.0	1	25.0	4	100.0
Total		463	86.5	72	13.5	535	100.0

Training Tower

Table 65 illustrates the relationship between the size of the population served and whether or not the department had a dedicated training facility with a training tower.

There were 535 fire departments that reported whether or not they had a dedicated training facility with a training tower. There were 75 departments (14%) that reported that they had a dedicated training facility with a training tower, and 460 departments (86%) reported they did not.

The majority of departments, regardless of the size of the population served, reported not having a dedicated training facility with a training tower. However, the majority of departments serving 50,000 to 100,000 people were more likely to have a dedicated training facility with a training tower than were not.

Table 65. Population Served and Training Tower

		Training Tower				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	108	96.4	4	3.6	112	100.0
	1,251 - 2,500	116	96.7	4	3.3	120	100.0
	2,501 - 5,000	83	89.2	10	10.8	93	100.0
	5,001 - 10,000	79	80.6	19	19.4	98	100.0
	10,001 - 25,000	50	71.4	20	28.6	70	100.0
	25,001 - 50,000	19	70.4	8	29.6	27	100.0
	50,001 - 100,000	3	27.3	8	72.7	11	100.0
	Greater than 100,000	2	50.0	2	50.0	4	100.0
Total		460	86.0	75	14.0	535	100.0

Standpipe System

Table 66 illustrates the relationship between the size of the population served and whether or not the department had a dedicated training facility with a standpipe system.

There were 535 fire departments that reported whether or not they had a dedicated training facility with a standpipe system. There were 49 departments (9.2%) that reported having a dedicated facility with a standpipe system, and 486 departments (90.8%) reported that they did not.

Departments serving less than 2,500 people were almost completely devoid of a dedicated training facility with a standpipe system. However, regardless of the size of the population served, the majority of departments reported that they did not have a dedicated training facility with a standpipe system.

Table 66. Population Served and Standpipe System

		Standpipe Systems				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	111	99.1	1	.9	112	100.0
	1,251 - 2,500	119	99.2	1	.8	120	100.0
	2,501 - 5,000	87	93.5	6	6.5	93	100.0
	5,001 - 10,000	89	90.8	9	9.2	98	100.0
	10,001 - 25,000	55	78.6	15	21.4	70	100.0
	25,001 - 50,000	17	63.0	10	37.0	27	100.0
	50,001 - 100,000	6	54.5	5	45.5	11	100.0
	Greater than 100,000	2	50.0	2	50.0	4	100.0
Total		486	90.8	49	9.2	535	100.0

Environmentally Controlled Flammable Liquid Pit

Table 67 illustrates the relationship between the size of the population served and whether or not the department had a dedicated training facility with an environmentally controlled flammable liquid pit.

There were 535 fire departments that reported whether or not they had a dedicated training facility with an environmentally controlled flammable liquid pit. There were 33 departments (6.2%) that reported having a dedicated training facility with an environmentally controlled flammable liquid pit, and 502 departments (93.8%) reported that they did not.

Regardless of size of the population served, most departments do not have a dedicated training facility with an environmentally controlled flammable liquid pit.

Table 67. Population Served and Environmentally Controlled Flammable Liquid Pit

		Environmentally Controlled Flammable Liquid Pit				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	109	97.3	3	2.7	112	100.0
	1,251 - 2,500	119	99.2	1	.8	120	100.0
	2,501 - 5,000	89	95.7	4	4.3	93	100.0
	5,001 - 10,000	88	89.8	10	10.2	98	100.0
	10,001 - 25,000	62	88.6	8	11.4	70	100.0
	25,001 - 50,000	24	88.9	3	11.1	27	100.0
	50,001 - 100,000	8	72.7	3	27.3	11	100.0
	Greater than 100,000	3	75.0	1	25.0	4	100.0
Total		502	93.8	33	6.2	535	100.0

Burn-Building that is NFPA Compliant

Table 68 illustrates the relationship between the size of the population served and whether or not the burn-building the department has access to is NFPA compliant.

There were 178 fire departments that reported whether or not the burn-building they use is NFPA compliant. There were 45 departments (25.3%) that reported that their burn-building was NFPA compliant, and 133 departments (74.7%) reported that their burn-building was not.

Departments serving 25,000 people or less were most likely to report that their burn-buildings were not NFPA compliant. The majority of departments serving more than 25,000 people reported that their burn-buildings were NFPA compliant.

Table 68. Population Served and Burn-Building that is NFPA Compliant

		If You Have a Burn Building is it NFPA Compliant				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	36	92.3	3	7.7	39	100.0
	1,251 - 2,500	31	86.1	5	13.9	36	100.0
	2,501 - 5,000	22	88.0	3	12.0	25	100.0
	5,001 - 10,000	23	62.2	14	37.8	37	100.0
	10,001 - 25,000	17	65.4	9	34.6	26	100.0
	25,001 - 50,000	3	37.5	5	62.5	8	100.0
	50,001 - 100,000	1	16.7	5	83.3	6	100.0
	Greater than 100,000			1	100.0	1	100.0
Total		133	74.7	45	25.3	178	100.0

Access to Live Fire Training Facility

Table 69 illustrates the relationship between the size of the population served and whether or not the department has access to a live fire training facility.

There were 507 departments that reported whether or not they had access to a live fire training facility. There were 193 departments (38.1%) that reported that they had access to a live fire training facility, and 314 departments (61.9%) reported that they did not.

Departments serving 5,000 people or less were least likely to have access to a live fire training facility.

Table 69. Population Served and Access to Live Fire Training Facility

		Have Access to a Live Fire Training Facility				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	89	83.2	18	16.8	107	100.0
	1,251 - 2,500	85	74.6	29	25.4	114	100.0
	2,501 - 5,000	61	70.9	25	29.1	86	100.0
	5,001 - 10,000	46	48.9	48	51.1	94	100.0
	10,001 - 25,000	23	35.4	42	64.6	65	100.0
	25,001 - 50,000	7	26.9	19	73.1	26	100.0
	50,001 - 100,000	2	18.2	9	81.8	11	100.0
	Greater than 100,000	1	25.0	3	75.0	4	100.0
Total	314	61.9	193	38.1	507	100.0	

Participation in MU FRTI Programs

Table 70 illustrates the relationship between the size of the population served and whether or not the department participates in MU FRTI programs.

There were 521 fire departments that reported whether or not the department participates in MU FRTI programs. There were 454 departments (87.1%) that reported participating in MU FRTI programs and 67 departments (12.9%) reported that they did not.

Regardless of the size of the population served, the majority of departments reported participating in MU FRTI programs.

Table 70. Population Served and Participation in MU FRTI Programs

		Participate in MU FRTI Programs				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	31	29.0	76	71.0	107	100.0
	1,251 - 2,500	21	17.9	96	82.1	117	100.0
	2,501 - 5,000	9	10.0	81	90.0	90	100.0
	5,001 - 10,000	4	4.2	92	95.8	96	100.0
	10,001 - 25,000	1	1.4	68	98.6	69	100.0
	25,001 - 50,000			27	100.0	27	100.0
	50,001 - 100,000			11	100.0	11	100.0
	Greater than 100,000	1	25.0	3	75.0	4	100.0
Total		67	12.9	454	87.1	521	100.0

Participation in MO Division of Fire Safety Training

Table 71 illustrates the relationship between the size of the population served and whether or not the department participates in MO Division of Fire Safety training.

There were 524 fire departments that reported whether or not they participated in MO Division of Fire Safety training. There were 399 departments (76.1%) that reported that they did participate in MO Division of Fire Safety training, and 125 departments (23.9%)

All the departments serving between 25,000 to 100,000 people participate in MO Division of Fire Safety training. However, regardless of size, the majority of departments participate in MO Division of Fire Safety training.

Table 71. Population Served and Participation in MO Division of Fire Safety Training

		Participate in MO Division of Fire Safety Training Programs				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	45	40.2	67	59.8	112	100.0
	1,251 - 2,500	41	35.0	76	65.0	117	100.0
	2,501 - 5,000	21	23.9	67	76.1	88	100.0
	5,001 - 10,000	15	15.6	81	84.4	96	100.0
	10,001 - 25,000	2	2.9	67	97.1	69	100.0
	25,001 - 50,000			27	100.0	27	100.0
	50,001 - 100,000			11	100.0	11	100.0
	Greater than 100,000	1	25.0	3	75.0	4	100.0
Total		125	23.9	399	76.1	524	100.0

Participation in State Provided No-Cost Training

Table 72 illustrates the relationship between the size of the population served and whether or not the department participates in state provided no-cost training.

There were 525 fire departments that reported whether or not they participated in state provided no-cost training. There were 456 departments (86.9%) that reported that they did participate in state provided no-cost training, and 69 departments (13.1%) reported that they did not.

Regardless of the size of the population served, the majority of departments participated in state provided no-cost training. For those departments that did not participate in state provided no-cost training, the smaller the size of the population served by the department the less likely they were to report participating in state provided no-cost training.

Table 72. Population Served and Participation in State Provided No-Cost Training

		Participate in No-Cost Training Provided by State				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	22	19.8	89	80.2	111	100.0
	1,251 - 2,500	20	16.9	98	83.1	118	100.0
	2,501 - 5,000	15	16.7	75	83.3	90	100.0
	5,001 - 10,000	7	7.3	89	92.7	96	100.0
	10,001 - 25,000	3	4.3	66	95.7	69	100.0
	25,001 - 50,000			27	100.0	27	100.0
	50,001 - 100,000	1	10.0	9	90.0	10	100.0
	Greater than 100,000	1	25.0	3	75.0	4	100.0
Total		69	13.1	456	86.9	525	100.0

Participation in SEMA Training

Table 73 illustrates the relationship between the size of the population served and whether or not the department participated in SEMA training.

There were 524 fire departments that reported whether or not they participate in SEMA training. There were 341 departments (65.1%) that reported participating in SEMA training, and 183 departments (34.9%) reported that they did not.

The majority of departments serving 1,250 or less were most likely to not participate in SEMA training. The remaining departments, regardless of the size of the population served, were more likely to participate in SEMA training than not.

Table 73. Population Served and Participation in SEMA Training

		Participate in SEMA Training				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	59	53.2	52	46.8	111	100.0
	1,251 - 2,500	54	45.8	64	54.2	118	100.0
	2,501 - 5,000	34	38.2	55	61.8	89	100.0
	5,001 - 10,000	26	26.8	71	73.2	97	100.0
	10,001 - 25,000	6	8.8	62	91.2	68	100.0
	25,001 - 50,000	2	7.4	25	92.6	27	100.0
	50,001 - 100,000	1	10.0	9	90.0	10	100.0
	Greater than 100,000	1	25.0	3	75.0	4	100.0
Total	183	34.9	341	65.1	524	100.0	

Participation in Fire Degree Programs

Table 74 illustrates the relationship between the size of the population served and whether or not the department participates in fire degree programs.

There were 526 departments that reported whether or not they participated in fire degree programs. There were 178 departments (33.8%) that reported that they did participate in fire degree programs, and 348 (66.2%) reported that they did not.

The majority of departments serving 5,000 people or less were more likely to report that they did not participate in fire degree programs. Almost all of the departments serving more than 25,000 people reported participation in fire degree programs.

Table 74. Population Served and Participation in Fire Degree Programs

		Participate in Fire Degree Programs				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	95	86.4	15	13.6	110	100.0
	1,251 - 2,500	105	89.0	13	11.0	118	100.0
	2,501 - 5,000	69	76.7	21	23.3	90	100.0
	5,001 - 10,000	48	49.5	49	50.5	97	100.0
	10,001 - 25,000	27	39.1	42	60.9	69	100.0
	25,001 - 50,000	3	11.1	24	88.9	27	100.0
	50,001 - 100,000			11	100.0	11	100.0
	Greater than 100,000	1	25.0	3	75.0	4	100.0
Total		348	66.2	178	33.8	526	100.0

Support for Minimum Training Standards

Table 75 illustrates the relationship between the size of the population served and whether or not the department supports minimum training standards.

There were 522 fire departments that reported whether or not they support minimum training standards. There were 488 departments (93.5%) that reported that they did support minimum training standards, and 34 departments (6.5%) reported that they did not.

Regardless of the size of the population served, the majority of departments reported supporting minimum training standards. Those few departments that reported not supporting minimum training standards were those serving 2,500 people or less.

Table 75. Population Served and Support for Minimum Training Standards

		Would You Support Minimum Training Standards				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	10	9.0	101	91.0	111	100.0
	1,251 - 2,500	14	12.0	103	88.0	117	100.0
	2,501 - 5,000	4	4.5	85	95.5	89	100.0
	5,001 - 10,000	4	4.1	93	95.9	97	100.0
	10,001 - 25,000	2	3.0	65	97.0	67	100.0
	25,001 - 50,000			27	100.0	27	100.0
	50,001 - 100,000			11	100.0	11	100.0
	Greater than 100,000			3	100.0	3	100.0
Total		34	6.5	488	93.5	522	100.0

SAFETY

One PASS Device Per Member

Table 76 illustrates the relationship between the size of the population served by the department and whether or not the department has at least one PASS device per member entering a hazardous atmosphere.

A total of 523 departments indicated whether or not they had at least one PASS device for each member entering a hazardous atmosphere. Of those departments, 83.7% responded yes, while 16.3% responded no.

The majority of departments regardless of size indicated that they have at least one PASS device per member. Departments serving small numbers of population were less likely to have a PASS device for each member.

Table 76. Population Served and One PASS Device Per Member

		Have at Least One PASS Device Per Member				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	33	30.3	76	69.7	109	100.0
	1,251 - 2,500	33	28.2	84	71.8	117	100.0
	2,501 - 5,000	10	11.1	80	88.9	90	100.0
	5,001 - 10,000	9	9.4	87	90.6	96	100.0
	10,001 - 25,000			69	100.0	69	100.0
	25,001 - 50,000			27	100.0	27	100.0
	50,001 - 100,000			11	100.0	11	100.0
	Greater than 100,000			4	100.0	4	100.0
Total		85	16.3	438	83.7	523	100.0

Utilize Rapid Intervention Teams/Crews

Table 77 illustrates the relationship between the size of the population served by the department and whether or not the department utilizes rapid intervention teams/crews.

A total of 518 departments indicated whether or not they utilized rapid intervention teams/crews. Of those departments, 52.3% responded yes, while 47.7% responded no.

Departments serving small numbers of population were less likely to have to utilize rapid intervention teams/crews.

Departments serving between 2,500 and 5,000 people were evenly distributed in whether or not they utilized rapid intervention teams/crews. One-hundred percent of departments serving more than 100,000 people utilized rapid intervention teams/crews.

Table 77. Population Served and Utilize Rapid Intervention Teams/Crews

		Utilize Rapid Intervention Teams/Crews				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	75	70.1	32	29.9	107	100.0
	1,251 - 2,500	70	60.3	46	39.7	116	100.0
	2,501 - 5,000	43	50.0	43	50.0	86	100.0
	5,001 - 10,000	39	40.2	58	59.8	97	100.0
	10,001 - 25,000	16	22.9	54	77.1	70	100.0
	25,001 - 50,000	3	11.1	24	88.9	27	100.0
	50,001 - 100,000	1	9.1	10	90.9	11	100.0
	Greater than 100,000			4	100.0	4	100.0
Total		247	47.7	271	52.3	518	100.0

Written SOP/SOG: Safety

Table 78 illustrates the relationship between the size of the population served by the department and whether or not the department has a written Standard Operating Procedure (SOP) or Standard Operating Guidelines (SOG) regarding safety.

A total of 524 departments indicated whether or not they had a written SOP or SOG regarding safety. Of those departments, 67.9% responded yes, while 32.1% responded no.

Sixty-four to eighty-five percent of departments that serve between 2,500 and 50,000 people have a written SOP or SOG regarding safety. One-hundred percent of departments that serve more than 50,000 people have a written SOP or SOG regarding safety.

Smaller departments, those serving 2,500 or less, are on average evenly distributed on whether or not they have a written SOP or SOG regarding safety.

Table 78. Population Served and Written SOP/SOG: Safety

		Written SOP/SOG: Safety				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	54	48.6	57	51.4	111	100.0
	1,251 - 2,500	50	42.0	69	58.0	119	100.0
	2,501 - 5,000	32	36.0	57	64.0	89	100.0
	5,001 - 10,000	23	24.0	73	76.0	96	100.0
	10,001 - 25,000	5	7.4	63	92.6	68	100.0
	25,001 - 50,000	4	15.4	22	84.6	26	100.0
	50,001 - 100,000			11	100.0	11	100.0
	Greater than 100,000			4	100.0	4	100.0
Total		168	32.1	356	67.9	524	100.0

Written SOP/SOG: Equipment

Table 79 illustrates the relationship between the size of the population served by the department and whether or not the department has a written Standard Operating Procedure (SOP) or Standard Operating Guidelines (SOG) regarding equipment.

A total of 523 departments indicated whether or not they had a written SOP or SOG regarding equipment. Of those departments, 68.1% responded yes, while 31.9% responded no.

Sixty-three to ninety-two percent of departments that serve between 2,500 and 50,000 people have a written SOP or SOG regarding equipment. One-hundred percent of departments that serve more than 50,000 people have a written SOP or SOG regarding equipment.

Smaller departments, those serving 2,500 or less, are on average evenly distributed on whether or not they have a written SOP or SOG regarding equipment.

Table 79. Population Served and Written SOP/SOG: Equipment

		Written SOP/SOG: Equipment				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	56	50.5	55	49.5	111	100.0
	1,251 - 2,500	49	41.5	69	58.5	118	100.0
	2,501 - 5,000	33	37.1	56	62.9	89	100.0
	5,001 - 10,000	23	24.0	73	76.0	96	100.0
	10,001 - 25,000	4	5.9	64	94.1	68	100.0
	25,001 - 50,000	2	7.7	24	92.3	26	100.0
	50,001 - 100,000			11	100.0	11	100.0
	Greater than 100,000			4	100.0	4	100.0
Total		167	31.9	356	68.1	523	100.0

Written SOP/SOG: Command

Table 80 illustrates the relationship between the size of the population served by the department and whether or not the department has a written Standard Operating Procedure (SOP) or Standard Operating Guidelines (SOG) regarding command.

A total of 522 departments indicated whether or not they had a written SOP or SOG regarding command. Of those departments, 68.8% responded yes, while 31.2% responded no.

About sixty to ninety-two percent of departments that serve between 1,250 and 50,000 people have a written SOP or SOG regarding command. One-hundred percent of departments that serve more than 50,000 people have a written SOP or SOG regarding command.

Smaller departments, those serving 1,250 or less, are on average evenly distributed on whether or not they have a written SOP or SOG regarding command.

Table 80. Population Served and Written SOP/SOG: Command

		Written SOP/SOG: Command				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	59	53.2	52	46.8	111	100.0
	1,251 - 2,500	49	41.5	69	58.5	118	100.0
	2,501 - 5,000	30	34.1	58	65.9	88	100.0
	5,001 - 10,000	20	20.8	76	79.2	96	100.0
	10,001 - 25,000	3	4.4	65	95.6	68	100.0
	25,001 - 50,000	2	7.7	24	92.3	26	100.0
	50,001 - 100,000			11	100.0	11	100.0
	Greater than 100,000			4	100.0	4	100.0
Total		163	31.2	359	68.8	522	100.0

Written “Two In -- Two Out” Rule

Table 81 illustrates the relationship between the size of the population served by the department and whether or not the department has a written “two in – two out” rule.

A total of 522 departments indicated whether or not they had a written “two in – two out” rule. Of those departments, 58% responded yes, while 42% responded no.

The majority of departments serving 10,000 to 25,000 people and those serving 50,000 or more have a written “two in – two out” rule. All other departments are, on average, evenly split on having a written “two in – two out” rule.

Table 81. Population Served and Written Two In Two Out Rule

		Written Two In--Two Out Rule				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	49	44.1	62	55.9	111	100.0
	1,251 - 2,500	57	47.9	62	52.1	119	100.0
	2,501 - 5,000	37	42.0	51	58.0	88	100.0
	5,001 - 10,000	44	45.8	52	54.2	96	100.0
	10,001 - 25,000	16	23.9	51	76.1	67	100.0
	25,001 - 50,000	11	42.3	15	57.7	26	100.0
	50,001 - 100,000	4	36.4	7	63.6	11	100.0
	Greater than 100,000	1	25.0	3	75.0	4	100.0
Total	219	42.0	303	58.0	522	100.0	

EQUIPMENT

Front-Line Engines / Pumpers

Table 82 illustrates the relationship between the size of the population served by the department and the number of front-line engines/pumpers in their fleet.

A total of 519 departments indicated the number of front-line engines/pumpers in their fleets. Of those departments 5.8% had five or more, 21.8% had three to four, 36.8% had two and 35.6% had one or less.

The majority of departments serving 1,250 to 50,000 people have two front-line engines/pumpers. Departments serving 1,250 or less are more likely to have one or less (78.3%).

The majority of departments serving 50,000 people or more have three or more front-line engines/pumpers. Three out of the four departments serving 100,000 people or more have at least five front-line engines/pumpers.

Table 82. Population Served and Front-Line Engines / Pumpers

		Front-Line Engines / Pumpers								Total	
		0 - 1		2		3 - 4		5 or More		Number	Percent
		Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Population Served	1,250 and Less	83	78.3	16	15.1	5	4.7	2	1.9	106	100.0
	1,251 - 2,500	45	38.1	57	48.3	14	11.9	2	1.7	118	100.0
	2,501 - 5,000	24	26.7	43	47.8	21	23.3	2	2.2	90	100.0
	5,001 - 10,000	19	19.6	37	38.1	34	35.1	7	7.2	97	100.0
	10,001 - 25,000	11	16.4	26	38.8	22	32.8	8	11.9	67	100.0
	25,001 - 50,000	3	11.5	10	38.5	9	34.6	4	15.4	26	100.0
	50,001 - 100,000			1	9.1	8	72.7	2	18.2	11	100.0
	Greater than 100,000			1	25.0			3	75.0	4	100.0
Total		185	35.6	191	36.8	113	21.8	30	5.8	519	100.0

Reserve Engines / Pumpers

Table 84 illustrates the relationship between the size of the population served by the department and the number of reserve engines/pumpers in their fleet.

A total of 425 departments indicated the number of reserve engines/pumpers in their fleets. Of those departments 13.2% had two or more, 54.6% had one and 32.2% had none.

The majority of departments serving 50,000 people or less have only on reserve engines/pumpers. More than 90% of departments serving 50,000 people or more have two or more reserve engines/pumpers.

One-hundred percent of departments serving 100,000 or more have two or more reserve engines/pumpers.

Table 84. Population Served and Reserve Engines / Pumpers

	Reserve Engines / Pumpers						Total		
	0		1		2 or More		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	35	40.7	47	54.7	4	4.7	86	100.0
	1,251 - 2,500	35	37.2	51	54.3	8	8.5	94	100.0
	2,501 - 5,000	22	28.9	46	60.5	8	10.5	76	100.0
	5,001 - 10,000	27	34.2	43	54.4	9	11.4	79	100.0
	10,001 - 25,000	17	32.1	30	56.6	6	11.3	53	100.0
	25,001 - 50,000	1	4.3	14	60.9	8	34.8	23	100.0
	50,001 - 100,000			1	10.0	9	90.0	10	100.0
	Greater than 100,000					4	100.0	4	100.0
Total		137	32.2	232	54.6	56	13.2	425	100.0

Tankers

Table 85 illustrates the relationship between the size of the population served by the department and the number of tankers in their fleet.

A total of 456 departments indicated the number of tankers in their fleets. Of those departments 16.2% had three or more tankers, 23.2% had two, 43.4% had one and 17.1% had none.

The majority of departments serving 10,000 people or less had one tanker. Departments serving 25,000 to 100,000 were less likely to have a tanker in their fleet.

Departments serving 100,000 or more have no more than one tanker in their fleet.

Table 85. Population Served and Tankers

	Tankers								Total		
	0		1		2		3 or More		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	14	14.7	57	60.0	15	15.8	9	9.5	95	100.0
	1,251 - 2,500	15	13.4	56	50.0	32	28.6	9	8.0	112	100.0
	2,501 - 5,000	10	12.8	29	37.2	25	32.1	14	17.9	78	100.0
	5,001 - 10,000	11	13.4	33	40.2	19	23.2	19	23.2	82	100.0
	10,001 - 25,000	14	25.5	12	21.8	12	21.8	17	30.9	55	100.0
	25,001 - 50,000	9	39.1	7	30.4	3	13.0	4	17.4	23	100.0
	50,001 - 100,000	3	42.9	2	28.6			2	28.6	7	100.0
	Greater than 100,000	2	50.0	2	50.0					4	100.0
Total		78	17.1	198	43.4	106	23.2	74	16.2	456	100.0

Quints

Table 86 illustrates the relationship between the size of the population served by the department and the number of quints in their fleet.

A total of 341 departments indicated the number of quints in their fleet. Of those departments 18.5% had one or more quints and 81.5% had none.

Departments serving less than 25,000 were less likely to have quints. None of the departments serving 1,250 or less had quints in their fleet.

All of the departments serving 100,000 or more have at least one quint in their fleet.

Table 86. Population Served and Quints

	Quints				Total		
	0		1 or More		Number	Percent	
	Number	Percent	Number	Percent			
Population Served	1,250 and Less	63	100.0			63	100.0
	1,251 - 2,500	78	97.5	2	2.5	80	100.0
	2,501 - 5,000	49	84.5	9	15.5	58	100.0
	5,001 - 10,000	50	82.0	11	18.0	61	100.0
	10,001 - 25,000	28	54.9	23	45.1	51	100.0
	25,001 - 50,000	6	33.3	12	66.7	18	100.0
	50,001 - 100,000	4	66.7	2	33.3	6	100.0
	Greater than 100,000			4	100.0	4	100.0
Total		278	81.5	63	18.5	341	100.0

Ladder Trucks

Table 87 illustrates the relationship between the size of the population served by the department and the number of ladder trucks in their fleet.

A total of 339 departments indicated the number of ladder trucks in their fleet. Of those departments 20.6% had one or more ladder trucks and 79.4% have none.

The larger the department the more likely they are to have a ladder truck. One-hundred percent of departments serving 50,000 or more had one or more ladder trucks. Only 11% of departments serving 10,000 or less had at least one ladder truck.

Table 87. Population Served and Ladder Trucks

		Ladder Trucks				Total	
		0		1 or More		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	63	98.4	1	1.6	64	100.0
	1,251 - 2,500	75	91.5	7	8.5	82	100.0
	2,501 - 5,000	46	83.6	9	16.4	55	100.0
	5,001 - 10,000	51	79.7	13	20.3	64	100.0
	10,001 - 25,000	23	53.5	20	46.5	43	100.0
	25,001 - 50,000	11	57.9	8	42.1	19	100.0
	50,001 - 100,000			8	100.0	8	100.0
	Greater than 100,000			4	100.0	4	100.0
Total		269	79.4	70	20.6	339	100.0

Rescue Units

Table 88 illustrates the relationship between the size of the population served by the department and the number of rescue units (not pumpers or ladders).

A total of 409 departments indicated the number of rescue units in their fleet. Of those departments 13% had two or more, 51.6% had one and 35.5% had no rescue units.

Departments serving less than 1,250 are less likely to have a rescue unit. Almost 60% of the small departments (those serving 1,250 or less) have no rescue unit in their fleet.

The majority of departments serving 1,250 or more have at least one rescue unit.

Table 88. Population Served and Rescue Units

	Rescue Units						Total	
	0		1		2 or More		Number	Percent
	Number	Percent	Number	Percent	Number	Percent		
Population 1,250 and Less	45	58.4	29	37.7	3	3.9	77	100.0
Served 1,251 - 2,500	34	35.1	54	55.7	9	9.3	97	100.0
2,501 - 5,000	21	29.6	37	52.1	13	18.3	71	100.0
5,001 - 10,000	21	25.9	47	58.0	13	16.0	81	100.0
10,001 - 25,000	14	27.5	29	56.9	8	15.7	51	100.0
25,001 - 50,000	8	42.1	9	47.4	2	10.5	19	100.0
50,001 - 100,000	2	22.2	4	44.4	3	33.3	9	100.0
Greater than 100,000			2	50.0	2	50.0	4	100.0
Total	145	35.5	211	51.6	53	13.0	409	100.0

Haz-Mat Units

Table 89 illustrates the relationship between the size of the population served by the department and the number of haz-mat units.

A total of 329 departments indicated the number of haz-mat units in their fleet. Of those departments 15.8% had one or more and 84.2% had none.

Departments serving 25,000 or more are more likely to have at least one haz-mat unit in their fleet. Sixty percent of departments serving 50,000 or more have at least one haz-mat unit.

Table 89. Population Served and Haz-Mat Units

		Haz-Mat Units				Total	
		0		1 or More		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	63	100.0			63	100.0
	1,251 - 2,500	80	98.8	1	1.2	81	100.0
	2,501 - 5,000	47	85.5	8	14.5	55	100.0
	5,001 - 10,000	52	88.1	7	11.9	59	100.0
	10,001 - 25,000	24	53.3	21	46.7	45	100.0
	25,001 - 50,000	7	43.8	9	56.3	16	100.0
	50,001 - 100,000	2	33.3	4	66.7	6	100.0
	Greater than 100,000	2	50.0	2	50.0	4	100.0
Total		277	84.2	52	15.8	329	100.0

Support (Light/Air)

Table 90 illustrates the relationship between the size of the population served by the department and the number of support units (light/air, etc.) in their fleet.

A total of 360 departments indicated the number of support units in their fleet. Of those departments only 7.8% had two or more, 33.1% had one and 59.2% had none.

The majority of departments regardless of the size of the population served had no support units.

Fifty percent of departments serving between 50,000 and 100,000 had two or more support units. Departments serving greater than 100,000 were evenly distributed between support unit categories.

Table 90. Population Served and Support (Light/Air)

	Support (Light/Air)						Total		
	0		1		2 or More		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	51	76.1	16	23.9			67	100.0
	1,251 - 2,500	61	70.9	21	24.4	4	4.7	86	100.0
	2,501 - 5,000	41	63.1	19	29.2	5	7.7	65	100.0
	5,001 - 10,000	32	45.7	29	41.4	9	12.9	70	100.0
	10,001 - 25,000	19	41.3	24	52.2	3	6.5	46	100.0
	25,001 - 50,000	6	35.3	8	47.1	3	17.6	17	100.0
	50,001 - 100,000	2	33.3	1	16.7	3	50.0	6	100.0
	Greater than 100,000	1	33.3	1	33.3	1	33.3	3	100.0
Total		213	59.2	119	33.1	28	7.8	360	100.0

Brush Trucks

Table 91 illustrates the relationship between the size of the population served by the department and the number of brush trucks in their fleet.

A total of 464 departments indicated the number of brush trucks in their fleet. Of those departments 20.5% had three or more, 29.1% had two, 36.6% had one and 13.8% had none.

The majority of departments regardless of the size of the population served had at least one brush truck in their fleet.

Table 91. Population Served and Brush Trucks

		Brush Trucks								Total	
		0		1		2		3 or More		Number	Percent
		Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Population Served	1,250 and Less	12	12.8	54	57.4	19	20.2	9	9.6	94	100.0
	1,251 - 2,500	11	10.1	45	41.3	38	34.9	15	13.8	109	100.0
	2,501 - 5,000	11	13.6	25	30.9	23	28.4	22	27.2	81	100.0
	5,001 - 10,000	8	9.4	27	31.8	31	36.5	19	22.4	85	100.0
	10,001 - 25,000	13	22.4	10	17.2	11	19.0	24	41.4	58	100.0
	25,001 - 50,000	7	29.2	4	16.7	8	33.3	5	20.8	24	100.0
	50,001 - 100,000	1	11.1	4	44.4	3	33.3	1	11.1	9	100.0
	Greater than 100,000	1	25.0	1	25.0	2	50.0			4	100.0
Total		64	13.8	170	36.6	135	29.1	95	20.5	464	100.0

Command Units

Table 92 illustrates the relationship between the size of the population served by the department and the number of command units in their fleet.

A total of 384 departments indicated the number of command units in their fleet. Of those departments 15.9% had two or more, 27.1% had one and 57% had none.

The majority of departments regardless of the size of the population served had no command units.

The majority of departments serving 10,000 or more had at least one command unit in their fleet. Half of the departments serving 100,000 or more had at least one command unit.

Table 92. Population Served and Command Units

	Command Units						Total		
	0		1		2 or More		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	60	90.9	5	7.6	1	1.5	66	100.0
	1,251 - 2,500	65	76.5	17	20.0	3	3.5	85	100.0
	2,501 - 5,000	43	68.3	14	22.2	6	9.5	63	100.0
	5,001 - 10,000	35	46.7	25	33.3	15	20.0	75	100.0
	10,001 - 25,000	12	21.1	27	47.4	18	31.6	57	100.0
	25,001 - 50,000	2	8.0	12	48.0	11	44.0	25	100.0
	50,001 - 100,000	1	11.1	2	22.2	6	66.7	9	100.0
	Greater than 100,000	1	25.0	2	50.0	1	25.0	4	100.0
Total		219	57.0	104	27.1	61	15.9	384	100.0

Rescue Boats

Table 93 illustrates the relationship between the size of the population served by the department and the number of rescue boats in their fleet.

A total of 344 departments indicated the number of rescue boats in their fleet. Of those departments 8.4% had two or more, 12.8% had one and 78.8% had none.

The larger the department the more rescue boats they had in their fleet. Of the departments serving 50,000 and over, more than 50% of them had two or more rescue boats. The majority of departments serving 50,000 or less had no rescue boats in their fleet at all.

Table 93. Population Served and Rescue Boats

	Rescue Boats						Total		
	0		1		2 or More		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	61	96.8	2	3.2			63	100.0
	1,251 - 2,500	77	93.9	4	4.9	1	1.2	82	100.0
	2,501 - 5,000	45	77.6	11	19.0	2	3.4	58	100.0
	5,001 - 10,000	52	81.3	7	10.9	5	7.8	64	100.0
	10,001 - 25,000	24	55.8	12	27.9	7	16.3	43	100.0
	25,001 - 50,000	9	42.9	5	23.8	7	33.3	21	100.0
	50,001 - 100,000	2	20.0	3	30.0	5	50.0	10	100.0
	Greater than 100,000	1	33.3			2	66.7	3	100.0
Total		271	78.8	44	12.8	29	8.4	344	100.0

Other Equipment

Table 94 illustrates the relationship between the size of the population served by the department and the amount of “other” equipment in their fleet.

A total of 309 departments indicated the amount of “other” equipment in their fleet. Of those departments 15.9% had two or more, 18.8% had one and 65.4% had none.

The majority of departments serving 25,000 or less reported no “other” equipment.

More than 80% of the departments serving between 25,000 and 100,000 reported having two or more “other” pieces of equipment in their fleet.

Table 94. Population Served and Other Equipment

	Other Equipment						Total		
	0		1		2 or More		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	50	83.3	9	15.0	1	1.7	60	100.0
	1,251 - 2,500	61	83.6	10	13.7	2	2.7	73	100.0
	2,501 - 5,000	39	68.4	12	21.1	6	10.5	57	100.0
	5,001 - 10,000	32	53.3	16	26.7	12	20.0	60	100.0
	10,001 - 25,000	16	43.2	10	27.0	11	29.7	37	100.0
	25,001 - 50,000	2	15.4	1	7.7	10	76.9	13	100.0
	50,001 - 100,000	1	12.5			7	87.5	8	100.0
	Greater than 100,000	1	100.0					1	100.0
Total		202	65.4	58	18.8	49	15.9	309	100.0

Total Equipment

Table 95 illustrates the relationship between the size of the population served by the department and the total pieces of equipment in their fleet.

A total of 480 departments indicated the total pieces of equipment in their fleet. Of those departments 25% had ten or more, 25.8% had seven to nine, 24.8% had five to six and 24.4% had four or less.

As expected the larger departments had more total equipment than smaller departments. More than 80% of departments that serve 50,000 or more had ten or more in total equipment.

Table 95. Population Served and Total Equipment

	Total Equipment								Total		
	4 or Less		5 - 6		7 - 9		10 or More		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	62	62.0	23	23.0	12	12.0	3	3.0	100	100.0
	1,251 - 2,500	27	23.7	43	37.7	35	30.7	9	7.9	114	100.0
	2,501 - 5,000	14	17.1	25	30.5	22	26.8	21	25.6	82	100.0
	5,001 - 10,000	10	11.4	15	17.0	34	38.6	29	33.0	88	100.0
	10,001 - 25,000	4	6.6	9	14.8	16	26.2	32	52.5	61	100.0
	25,001 - 50,000			4	18.2	3	13.6	15	68.2	22	100.0
	50,001 - 100,000					2	18.2	9	81.8	11	100.0
	Greater than 100,000							2	100.0	2	100.0
Total		117	24.4	119	24.8	124	25.8	120	25.0	480	100.0

SCBA Front-Line Engines / Pumpers

Table 96 illustrates the relationship between the size of the population served by the department and the number of SCBAs on front-line engines in their fleet.

A total of 502 departments indicated the number of SCBAs on front-line engines in their fleet. Of those departments 25.9% had eleven or more, 25.3% had eight to ten, 20.5% had five to seven and 28.3% had four or less.

The larger the department the more SCBAs they had on their front-line engines. Over 70% of the departments serving 50,000 or more reported eleven or more SCBAs on front-line engines. The majority of smaller departments, those serving 2,500 or less, reported four or fewer SCBAs.

Table 96. Population Served and SCBA Front-Line Engines / Pumpers

		SCBA Front-Line Engines / Pumpers								Total	
		4 or Less		5 - 7		8 - 10		11 or More		Number	Percent
		Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Population Served	1,250 and Less	55	52.9	31	29.8	16	15.4	2	1.9	104	100.0
	1,251 - 2,500	40	35.1	27	23.7	33	28.9	14	12.3	114	100.0
	2,501 - 5,000	21	24.4	15	17.4	26	30.2	24	27.9	86	100.0
	5,001 - 10,000	14	14.9	17	18.1	26	27.7	37	39.4	94	100.0
	10,001 - 25,000	10	15.6	7	10.9	17	26.6	30	46.9	64	100.0
	25,001 - 50,000	1	4.0	4	16.0	8	32.0	12	48.0	25	100.0
	50,001 - 100,000	1	9.1	2	18.2			8	72.7	11	100.0
	Greater than 100,000					1	25.0	3	75.0	4	100.0
Total		142	28.3	103	20.5	127	25.3	130	25.9	502	100.0

SCBA Reserve Engines / Pumpers

Table 97 illustrates the relationship between the size of the population served by the department and the number of SCBAs on reserve engines in their fleet.

A total of 362 departments indicated the number of SCBAs on reserve engines in their fleet. Of those departments 11% had six or more, 34.8% had three to five, 15.5% had one to two and 38.7% had none.

The larger the department the more SCBAs they have on their reserve engines. Seventy percent of departments serving 50,000 to 100,000 had six or more SCBAs on their reserve engines. One-hundred percent of departments serving 100,000 or more had six or more SCBAs on their reserve engines.

The majority of departments serving 5,000 to 25,000 had three to five SCBAs on reserve engines.

Table 97. Population Served and SCBA Reserve Engines / Pumpers

		SCBA Reserve Engines / Pumpers								Total	
		0		1 - 2		3 - 5		6 or More		Number	Percent
		Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Population Served	1,250 and Less	34	46.6	16	21.9	20	27.4	3	4.1	73	100.0
	1,251 - 2,500	41	54.7	12	16.0	18	24.0	4	5.3	75	100.0
	2,501 - 5,000	21	32.8	15	23.4	21	32.8	7	10.9	64	100.0
	5,001 - 10,000	27	39.1	10	14.5	26	37.7	6	8.7	69	100.0
	10,001 - 25,000	14	29.8	3	6.4	27	57.4	3	6.4	47	100.0
	25,001 - 50,000	1	4.8			13	61.9	7	33.3	21	100.0
	50,001 - 100,000	2	20.0			1	10.0	7	70.0	10	100.0
	Greater than 100,000							3	100.0	3	100.0
Total		140	38.7	56	15.5	126	34.8	40	11.0	362	100.0

SCBA Tankers

Table 98 illustrates the relationship between the size of the population served by the department and the number of SCBAs on tankers in their fleet.

A total of 343 departments indicated the number of SCBAs on tankers in their fleet. Of those departments 6.1% had five or more, 11.1% had three to four, 21.6% had one to two and 61.2% had none.

The smaller the department the less likely they are to have SCBAs on tankers in their fleet. For departments serving 10,000 or less, 50% or more of departments had no SCBAs on tankers.

Table 98. Population Served and SCBA Tankers

	SCBA Tankers								Total		
	0		1 - 2		3 - 4		5 or More		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	52	75.4	13	18.8	4	5.8			69	100.0
	1,251 - 2,500	62	73.8	12	14.3	9	10.7	1	1.2	84	100.0
	2,501 - 5,000	39	63.9	12	19.7	7	11.5	3	4.9	61	100.0
	5,001 - 10,000	35	52.2	18	26.9	9	13.4	5	7.5	67	100.0
	10,001 - 25,000	13	32.5	13	32.5	5	12.5	9	22.5	40	100.0
	25,001 - 50,000	7	43.8	5	31.3	2	12.5	2	12.5	16	100.0
	50,001 - 100,000	2	50.0			1	25.0	1	25.0	4	100.0
	Greater than 100,000			1	50.0	1	50.0			2	100.0
Total		210	61.2	74	21.6	38	11.1	21	6.1	343	100.0

SCBA Quints

Table 99 illustrates the relationship between the size of the population served by the department and the number of SCBAs on quints in their fleet.

A total of 246 departments indicated the number of SCBAs on quints in their fleet. Of those departments 24.4% had one or more and 75.6% had none.

The smaller the department the less likely they are to have SCBAs on quints in their fleet. For departments serving 10,000 or less, 80% or more of departments had no SCBAs on quints.

On the other hand, more than 60% of the departments serving more than 10,000 had at least one SCBA on quints in their fleet.

Table 99. Population Served and SCBA Quints

		SCBA Quints				Total	
		0		1 or More		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	39	100.0			39	100.0
	1,251 - 2,500	53	98.1	1	1.9	54	100.0
	2,501 - 5,000	34	81.0	8	19.0	42	100.0
	5,001 - 10,000	43	81.1	10	18.9	53	100.0
	10,001 - 25,000	11	32.4	23	67.6	34	100.0
	25,001 - 50,000	3	20.0	12	80.0	15	100.0
	50,001 - 100,000	3	60.0	2	40.0	5	100.0
	Greater than 100,000			4	100.0	4	100.0
Total		186	75.6	60	24.4	246	100.0

SCBA Ladder Trucks

Table 100 illustrates the relationship between the size of the population served by the department and the number of SCBAs on ladder trucks in their fleet.

A total of 247 departments indicated the number of SCBAs on ladder trucks in their fleet. Of those departments 15.8% had five or more, 10.5% had one to four and 73.7% had none.

The smaller the department the less likely they are to have SCBAs on ladder trucks in their fleet. For departments serving 10,000 or less, 75% or more of departments had no SCBAs on ladder trucks.

Among departments serving 50,000 or more, the majority of them had five or more SCBAs on ladder trucks in their fleet.

Table 100. Population Served and SCBA Ladder Trucks

	SCBA Ladder Trucks						Total		
	0		1 - 4		5 or More		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	39	97.5	1	2.5			40	100.0
	1,251 - 2,500	52	91.2	5	8.8			57	100.0
	2,501 - 5,000	31	79.5	4	10.3	4	10.3	39	100.0
	5,001 - 10,000	44	77.2	3	5.3	10	17.5	57	100.0
	10,001 - 25,000	12	40.0	6	20.0	12	40.0	30	100.0
	25,001 - 50,000	4	33.3	3	25.0	5	41.7	12	100.0
	50,001 - 100,000			3	37.5	5	62.5	8	100.0
	Greater than 100,000			1	25.0	3	75.0	4	100.0
Total		182	73.7	26	10.5	39	15.8	247	100.0

SCBA Rescue Units

Table 101 illustrates the relationship between the size of the population served by the department and the number of SCBAs on rescue units in their fleet.

A total of 320 departments indicated the number of SCBAs on rescue units in their fleet. Of those departments 18.1% had five or more, 16.6% had three to four, 22.2% had one to two and 43.1% had none.

The smaller the department the less likely they are to have SCBAs on rescue units in their fleet. For departments serving 10,000 or less, 35% or more of departments had no SCBAs on rescue units.

Among departments serving 50,000 or more, the majority of them had five or more SCBAs on rescue units in their fleet.

Table 101. Population Served and SCBA Rescue Units

		SCBA Rescue Units								Total	
		0		1 - 2		3 - 4		5 or More		Number	Percent
		Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Population Served	1,250 and Less	34	69.4	10	20.4	3	6.1	2	4.1	49	100.0
	1,251 - 2,500	37	46.8	21	26.6	11	13.9	10	12.7	79	100.0
	2,501 - 5,000	25	43.1	8	13.8	13	22.4	12	20.7	58	100.0
	5,001 - 10,000	26	36.1	17	23.6	16	22.2	13	18.1	72	100.0
	10,001 - 25,000	11	30.6	11	30.6	5	13.9	9	25.0	36	100.0
	25,001 - 50,000	4	26.7	3	20.0	3	20.0	5	33.3	15	100.0
	50,001 - 100,000	1	14.3	1	14.3	1	14.3	4	57.1	7	100.0
	Greater than 100,000					1	25.0	3	75.0	4	100.0
Total		138	43.1	71	22.2	53	16.6	58	18.1	320	100.0

SCBA Haz-Mat Units

Table 102 illustrates the relationship between the size of the population served by the department and the number of SCBAs on haz-mat units in their fleet.

A total of 230 departments indicated the number of SCBAs on haz-mat units in their fleet. Of those departments 10.9% had six or more, 5.7% had one to five and 83.5% had none.

The smaller the department the less likely they are to have SCBAs on haz-mat units in their fleet. For departments serving 10,000 or less, 84% or more of departments had no SCBAs on haz-mat units. For departments serving 25,000 to 50,000, 60% had no SCBAs on haz-mat units in their fleet.

Among departments serving 50,000 or more, the majority of them had six or more SCBAs on haz-mat units in their fleet.

Table 102. Population Served and SCBA Haz-Mat Units

	SCBA Haz-Mat Units						Total	
	0		1 - 5		6 or More		Number	Percent
	Number	Percent	Number	Percent	Number	Percent		
Population 1,250 and Less Served	40	100.0					40	100.0
1,251 - 2,500	54	98.2	1	1.8			55	100.0
2,501 - 5,000	33	84.6	3	7.7	3	7.7	39	100.0
5,001 - 10,000	44	89.8	3	6.1	2	4.1	49	100.0
10,001 - 25,000	12	42.9	6	21.4	10	35.7	28	100.0
25,001 - 50,000	6	60.0			4	40.0	10	100.0
50,001 - 100,000	2	33.3			4	66.7	6	100.0
Greater than 100,000	1	33.3			2	66.7	3	100.0
Total	192	83.5	13	5.7	25	10.9	230	100.0

SCBA Support (Light/Air)

Table 103 illustrates the relationship between the size of the population served by the department and the number of SCBAs on support units in their fleet.

A total of 256 departments indicated the number of SCBAs on support units in their fleet. Of those departments 9.8% had five or more, 8.2% had three to four, 9% had one to two and 73% had none.

The smaller the department the less likely they are to have SCBAs on support units in their fleet. For departments serving 25,000 or less, 60% or more of departments had no SCBAs on support units. For departments serving 25,000 to 100,000, 35% or more had no SCBAs on support units in their fleet.

Table 103. Population Served and SCBA Support (Light/Air)

	SCBA Support (Light/Air)								Total		
	0		1 - 2		3 - 4		5 or More		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	36	83.7	6	14.0			1	2.3	43	100.0
	1,251 - 2,500	50	78.1	4	6.3	4	6.3	6	9.4	64	100.0
	2,501 - 5,000	37	80.4	5	10.9	2	4.3	2	4.3	46	100.0
	5,001 - 10,000	37	63.8	3	5.2	9	15.5	9	15.5	58	100.0
	10,001 - 25,000	21	75.0	3	10.7	3	10.7	1	3.6	28	100.0
	25,001 - 50,000	4	36.4	2	18.2	2	18.2	3	27.3	11	100.0
	50,001 - 100,000	2	40.0			1	20.0	2	40.0	5	100.0
	Greater than 100,000							1	100.0	1	100.0
Total		187	73.0	23	9.0	21	8.2	25	9.8	256	100.0

SCBA Brush Trucks

Table 104 illustrates the relationship between the size of the population served by the department and the number of SCBAs on brush trucks in their fleet.

A total of 314 departments indicated the number of SCBAs on brush trucks in their fleet. Of those departments 11.8% had one or more and 88.2% had none.

Among all fire departments, regardless of the size of the population served, the majority had no SCBAs on brush trucks in their fleet.

Table 104. Population Served and SCBA Brush Trucks

		SCBA Brush Trucks				Total	
		0		1 or More		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	51	82.3	11	17.7	62	100.0
	1,251 - 2,500	72	90.0	8	10.0	80	100.0
	2,501 - 5,000	49	87.5	7	12.5	56	100.0
	5,001 - 10,000	58	93.5	4	6.5	62	100.0
	10,001 - 25,000	27	87.1	4	12.9	31	100.0
	25,001 - 50,000	13	100.0			13	100.0
	50,001 - 100,000	6	75.0	2	25.0	8	100.0
	Greater than 100,000	1	50.0	1	50.0	2	100.0
Total	277	88.2	37	11.8	314	100.0	

SCBA Command Units

Table 105 illustrates the relationship between the size of the population served by the department and the number of SCBAs on command units in their fleet.

A total of 270 departments indicated the number of SCBAs on command units in their fleet. Of those departments 12.6% had two or more, 13.3% had one and 74.1% had none.

Among almost all fire departments, regardless of the size of the population served, the majority have no SCBAs on command units in their fleet. For departments serving 25,000 to 50,000, 42.1% had no SCBAs on command units. Fire departments serving 50,000 to 100,000 were evenly distributed among all three categories.

Table 105. Population Served and SCBA Command Units

	SCBA Command Units						Total		
	0		1		2 or More		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	40	93.0	1	2.3	2	4.7	43	100.0
	1,251 - 2,500	51	89.5	1	1.8	5	8.8	57	100.0
	2,501 - 5,000	37	88.1	4	9.5	1	2.4	42	100.0
	5,001 - 10,000	42	67.7	9	14.5	11	17.7	62	100.0
	10,001 - 25,000	19	52.8	10	27.8	7	19.4	36	100.0
	25,001 - 50,000	8	42.1	7	36.8	4	21.1	19	100.0
	50,001 - 100,000	3	33.3	3	33.3	3	33.3	9	100.0
	Greater than 100,000			1	50.0	1	50.0	2	100.0
Total		200	74.1	36	13.3	34	12.6	270	100.0

SCBA Rescue Boats

Table 106 illustrates the relationship between the size of the population served by the department and the number of SCBAs on rescue boats in their fleet.

A total of 225 departments indicated the number of SCBAs on rescue boats in their fleet. Of those departments 1.3% had one or more and 98.7% had none.

Among all fire departments, regardless of the size of the population served, the majority had no SCBAs on rescue boats in their fleet.

Table 106. Population Served and SCBA Rescue Boats

		SCBA Rescue Boats				Total	
		0		1 or More		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	41	100.0			41	100.0
	1,251 - 2,500	56	100.0			56	100.0
	2,501 - 5,000	40	100.0			40	100.0
	5,001 - 10,000	51	98.1	1	1.9	52	100.0
	10,001 - 25,000	16	94.1	1	5.9	17	100.0
	25,001 - 50,000	10	90.9	1	9.1	11	100.0
	50,001 - 100,000	7	100.0			7	100.0
	Greater than 100,000	1	100.0			1	100.0
Total	222	98.7	3	1.3	225	100.0	

SCBA Other Equipment

Table 107 illustrates the relationship between the size of the population served by the department and the number of SCBAs on “other” equipment in their fleet.

A total of 244 departments indicated the number of SCBAs on “other” equipment in their fleet. Of those departments 9% had five or more, 8.6% had three to four, 7.8% had one to two and 74.6% had none.

Among fire departments serving 25,000 or less, 50% or more had no SCBAs on “other” equipment. Among fire departments serving 25,000 to 100,000 more than 30% had three to four SCBAs on “other” equipment and between 20% and 34% had five or more SCBAs on “other” equipment.

Table 107. Population Served and SCBA Other Equipment

	SCBA Other Equipment								Total		
	0		1 - 2		3 - 4		5 or More		Number	Percent	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
Population Served	1,250 and Less	40	90.9	2	4.5	2	4.5			44	100.0
	1,251 - 2,500	52	85.2	2	3.3	4	6.6	3	4.9	61	100.0
	2,501 - 5,000	31	83.8	5	13.5			1	2.7	37	100.0
	5,001 - 10,000	38	71.7	3	5.7	5	9.4	7	13.2	53	100.0
	10,001 - 25,000	15	55.6	4	14.8	3	11.1	5	18.5	27	100.0
	25,001 - 50,000	3	25.0	1	8.3	4	33.3	4	33.3	12	100.0
	50,001 - 100,000	2	22.2	2	22.2	3	33.3	2	22.2	9	100.0
	Greater than 100,000	1	100.0							1	100.0
Total		182	74.6	19	7.8	21	8.6	22	9.0	244	100.0

SCBA Total

Table 108 illustrates the relationship between the size of the population served by the department and the total number of SCBAs on all equipment in their fleet.

A total of 456 departments indicated the total number of SCBAs on all equipment in their fleet. Of those departments 25% had twenty-one or more, 34.4% had eleven to twenty, 30.9% had six to ten and 9.6% had five or less.

Among fire departments serving 10,000 or more, 60% or more had twenty-one or more total SCBAs on all equipment in their fleet. Among departments serving 1,250 to 10,000, 40% or more had eleven to twenty total SCBAs.

The majority of smaller departments, those serving 1,250 or less, had six to ten total SCBAs on all equipment in their fleet.

Table 108. Population Served and SCBA Total

		SCBA Total								Total	
		5 or Less		6 - 10		11 - 20		21 or More		Number	Percent
		Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Population Served	1,250 and Less	22	23.9	55	59.8	14	15.2	1	1.1	92	100.0
	1,251 - 2,500	16	14.5	42	38.2	48	43.6	4	3.6	110	100.0
	2,501 - 5,000	3	3.9	25	32.9	34	44.7	14	18.4	76	100.0
	5,001 - 10,000	2	2.4	16	19.0	36	42.9	30	35.7	84	100.0
	10,001 - 25,000	1	1.7	3	5.0	20	33.3	36	60.0	60	100.0
	25,001 - 50,000					4	19.0	17	81.0	21	100.0
	50,001 - 100,000					1	9.1	10	90.9	11	100.0
	Greater than 100,000							2	100.0	2	100.0
Total		44	9.6	141	30.9	157	34.4	114	25.0	456	100.0

Capacity to Fill Own Breathing Apparatus Cylinders

Table 109 illustrates the relationship between the size of the population served by the department and the capacity to fill their own breathing apparatus cylinders.

A total of 528 departments indicated whether or not they could fill their own breathing apparatus cylinders. Of those departments 72.5% said yes and 27.5% said no.

The majority of departments, regardless of the size of the population served, can fill their own breathing apparatus cylinders. One hundred percent of departments serving 10,000 to 50,000 can fill their own breathing apparatus cylinders.

Among departments serving 1,250 or less, more than 60% reported not having the capacity to fill their own breathing apparatus cylinders.

Table 109. Population Served and Capacity to Fill Own Breathing Apparatus Cylinders

		Capacity to Fill Own Breathing Apparatus Cylinders				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	75	68.2	35	31.8	110	100.0
	1,251 - 2,500	45	37.8	74	62.2	119	100.0
	2,501 - 5,000	18	19.8	73	80.2	91	100.0
	5,001 - 10,000	6	6.2	91	93.8	97	100.0
	10,001 - 25,000			69	100.0	69	100.0
	25,001 - 50,000			27	100.0	27	100.0
	50,001 - 100,000	1	9.1	10	90.9	11	100.0
	Greater than 100,000			4	100.0	4	100.0
Total		145	27.5	383	72.5	528	100.0

Compressor System Refills

Table 110 illustrates the relationship between the size of the population served by the department and whether or not they have a compressor system for breathing apparatus refills.

A total of 531 departments indicated whether or not they have a compressor system for breathing apparatus refills. Of those departments 50.8% said yes and 49.2% said no.

The larger the department the more likely they are to have a compressor system for refills. For departments serving 5,000 or more, 70% or more had a compressor system for refills.

Among departments serving 2,500 or less, 65% or more did not have a compressor system for breathing apparatus refills.

Table 110. Population Served and Compressor System Refill

		Compressor System Refill				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	95	86.4	15	13.6	110	100.0
	1,251 - 2,500	77	64.7	42	35.3	119	100.0
	2,501 - 5,000	46	49.5	47	50.5	93	100.0
	5,001 - 10,000	29	29.9	68	70.1	97	100.0
	10,001 - 25,000	11	15.7	59	84.3	70	100.0
	25,001 - 50,000	2	7.4	25	92.6	27	100.0
	50,001 - 100,000	1	9.1	10	90.9	11	100.0
	Greater than 100,000			4	100.0	4	100.0
Total		261	49.2	270	50.8	531	100.0

Cascade System Refills

Table 111 illustrates the relationship between the size of the population served by the department and whether or not they have a cascade system for breathing apparatus refills.

A total of 531 departments indicated whether or not they have a cascade system for breathing apparatus refills. Of those departments 59.1% said yes and 40.9% said no.

The larger the department the more likely they were to have a cascade system for refills. For departments serving 2,500 or more, 60% or more had a cascade system for refills.

Among departments serving 1,250 or less, more than 70% did not have a cascade system for breathing apparatus refills.

Table 111. Population Served and Cascade System Refill

		Cascade System Refill				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	80	72.7	30	27.3	110	100.0
	1,251 - 2,500	55	46.2	64	53.8	119	100.0
	2,501 - 5,000	30	32.3	63	67.7	93	100.0
	5,001 - 10,000	27	27.8	70	72.2	97	100.0
	10,001 - 25,000	16	22.9	54	77.1	70	100.0
	25,001 - 50,000	5	18.5	22	81.5	27	100.0
	50,001 - 100,000	3	27.3	8	72.7	11	100.0
	Greater than 100,000	1	25.0	3	75.0	4	100.0
Total		217	40.9	314	59.1	531	100.0

Voice Pagers

Table 112 illustrates the relationship between the size of the population served by the department and whether or not they use voice pagers to notify off-duty personnel of an incident.

A total of 532 departments indicated whether or not they use voice pagers to notify off-duty personnel of an incident. Of those departments 76.7% said yes and 23.3% said no.

For most departments, regardless of the size of the population served, 55% or more use voice pagers to notify off-duty personnel of an incident.

For departments serving 100,000 or more, only 25% used voice pagers.

Table 112. Population Served and Voice Pager

		Voice Pager				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	30	27.3	80	72.7	110	100.0
	1,251 - 2,500	27	22.7	92	77.3	119	100.0
	2,501 - 5,000	16	17.2	77	82.8	93	100.0
	5,001 - 10,000	16	16.3	82	83.7	98	100.0
	10,001 - 25,000	18	25.7	52	74.3	70	100.0
	25,001 - 50,000	12	44.4	15	55.6	27	100.0
	50,001 - 100,000	2	18.2	9	81.8	11	100.0
	Greater than 100,000	3	75.0	1	25.0	4	100.0
Total		124	23.3	408	76.7	532	100.0

Telephones

Table 113 illustrates the relationship between the size of the population served by the department and whether or not they use a telephone to notify off-duty personnel of an incident.

A total of 532 departments indicated whether or not they use a telephone to notify off-duty personnel of an incident. Of those departments 35.7% said yes and 64.3% said no.

For most departments, regardless of the size of the population served, they were less likely to use a telephone to notify off-duty personnel of an incident.

Table 113. Population Served and Telephone

		Telephone				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	56	50.9	54	49.1	110	100.0
	1,251 - 2,500	70	58.8	49	41.2	119	100.0
	2,501 - 5,000	64	68.8	29	31.2	93	100.0
	5,001 - 10,000	75	76.5	23	23.5	98	100.0
	10,001 - 25,000	50	71.4	20	28.6	70	100.0
	25,001 - 50,000	18	66.7	9	33.3	27	100.0
	50,001 - 100,000	7	63.6	4	36.4	11	100.0
	Greater than 100,000	2	50.0	2	50.0	4	100.0
Total		342	64.3	190	35.7	532	100.0

Alpha-Numeric Pagers

Table 114 illustrates the relationship between the size of the population served by the department and whether or not they use alpha-numeric pagers to notify off-duty personnel of an incident.

A total of 532 departments indicated whether or not they use alpha-numeric pagers to notify off-duty personnel of an incident. Of those departments 20.9% said yes and 79.1% said no.

Among larger departments, those serving 50,000 or more, 75% or more use alpha-numeric pagers to notify off-duty personnel of an incident.

For departments serving 50,000 or less, 50% or more do not use alpha-numeric pagers.

Table 114. Population Served and Alpha-Numeric Pager

		Alpha-Numeric Pager				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	105	95.5	5	4.5	110	100.0
	1,251 - 2,500	105	88.2	14	11.8	119	100.0
	2,501 - 5,000	81	87.1	12	12.9	93	100.0
	5,001 - 10,000	71	72.4	27	27.6	98	100.0
	10,001 - 25,000	42	60.0	28	40.0	70	100.0
	25,001 - 50,000	14	51.9	13	48.1	27	100.0
	50,001 - 100,000	2	18.2	9	81.8	11	100.0
	Greater than 100,000	1	25.0	3	75.0	4	100.0
Total		421	79.1	111	20.9	532	100.0

Other Communication Equipment

Table 115 illustrates the relationship between the size of the population served by the department and whether or not they use “other” equipment to notify off-duty personnel of an incident.

A total of 532 departments indicated whether or not they use “other” equipment to notify off-duty personnel of an incident. Of those departments 23.1% said yes and 76.9% said no.

For most departments, regardless of the size of the population served, they were less likely to use “other” equipment to notify off-duty personnel of an incident.

None of the departments serving 50,000 or more used “other” equipment.

Table 115. Population Served and Other Communication Equipment

		Other Communication Equipment				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	82	74.5	28	25.5	110	100.0
	1,251 - 2,500	80	67.2	39	32.8	119	100.0
	2,501 - 5,000	70	75.3	23	24.7	93	100.0
	5,001 - 10,000	84	85.7	14	14.3	98	100.0
	10,001 - 25,000	53	75.7	17	24.3	70	100.0
	25,001 - 50,000	25	92.6	2	7.4	27	100.0
	50,001 - 100,000	11	100.0			11	100.0
	Greater than 100,000	4	100.0			4	100.0
Total		409	76.9	123	23.1	532	100.0

Provide Each Member with a Set of Structure Firefighting Gear

Table 116 illustrates the relationship between the size of the population served by the department and whether or not they provide each member with a set of structure fire fighting gear.

A total of 527 departments indicated whether or not they provide each member with a set of structure fire fighting gear. Of those departments 89.4% said yes and 10.6% said no.

Among departments serving 10,000 or more, 100% of the departments provided each member with a set of structure fire fighting gear.

Smaller departments were less likely than larger departments to provide structure fire fighting gear, but more than 80% said they do provide it to members.

Table 116. Population Served and Provide Each Member with Set of Structure Firefighting Gear

		Provide Each Member w/ Set of Structure Firefighting Gear				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	20	18.3	89	81.7	109	100.0
	1,251 - 2,500	21	17.6	98	82.4	119	100.0
	2,501 - 5,000	9	9.9	82	90.1	91	100.0
	5,001 - 10,000	6	6.2	91	93.8	97	100.0
	10,001 - 25,000			69	100.0	69	100.0
	25,001 - 50,000			27	100.0	27	100.0
	50,001 - 100,000			11	100.0	11	100.0
	Greater than 100,000			4	100.0	4	100.0
Total		56	10.6	471	89.4	527	100.0

TECHNICAL ASSISTANCE

SOP / SOG Development

Table 117 illustrates the relationship between the size of the population served by the department and whether or not the department could use technical assistance in SOP/SOG development.

A total of 532 departments indicated whether or not they could use technical assistance in SOP/SOG development. Of those departments, 62% responded yes, while 38% responded no.

The majority of departments serving 50,000 people or less indicated the need for technical assistance in SOP/SOG development. The larger departments, those serving 50,000 or more, were less likely to need technical assistance in that area.

Table 117. Population Served and SOP / SOG Development

		SOP/SOG Development				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	44	40.0	66	60.0	110	100.0
	1,251 - 2,500	40	33.6	79	66.4	119	100.0
	2,501 - 5,000	31	33.3	62	66.7	93	100.0
	5,001 - 10,000	34	34.7	64	65.3	98	100.0
	10,001 - 25,000	35	50.0	35	50.0	70	100.0
	25,001 - 50,000	9	33.3	18	66.7	27	100.0
	50,001 - 100,000	6	54.5	5	45.5	11	100.0
	Greater than 100,000	3	75.0	1	25.0	4	100.0
Total		202	38.0	330	62.0	532	100.0

Fire Department Evaluation/Organization Support

Table 118 illustrates the relationship between the size of the population served by the department and whether or not the department could use technical assistance in fire department evaluation/organization support.

A total of 532 departments indicated whether or not they could use technical assistance in SOP/SOG development. Of those departments, 51.9% responded yes, while 48.1% responded no.

The majority of departments serving up to 2,500 people reported that they would like technical assistance in fire department evaluation/organization support.

Departments that serve between 50,000 and 100,000 people were less likely to need technical assistance in fire department evaluation/organization support while larger departments, those that serve 100,000 or more were evenly distributed.

Table 118. Population Served and FD Evaluation/Organization Support

		FD Evaluation/Organization Support				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	50	45.5	60	54.5	110	100.0
	1,251 - 2,500	58	48.7	61	51.3	119	100.0
	2,501 - 5,000	48	51.6	45	48.4	93	100.0
	5,001 - 10,000	42	42.9	56	57.1	98	100.0
	10,001 - 25,000	36	51.4	34	48.6	70	100.0
	25,001 - 50,000	13	48.1	14	51.9	27	100.0
	50,001 - 100,000	7	63.6	4	36.4	11	100.0
	Greater than 100,000	2	50.0	2	50.0	4	100.0
Total	256	48.1	276	51.9	532	100.0	

Resolution Development/Presentation Support

Table 119 illustrates the relationship between the size of the population served by the department and whether or not the department could use technical assistance in resolution development/presentation support for Councils, Boards or Commissions.

A total of 532 departments indicated whether or not they could use technical assistance in resolution development/presentation support for Councils, Boards or Commissions. Of those departments, 25.9% responded yes, while 74.1% responded no.

The majority of all departments regardless of the size of the population served indicated that they would not need technical assistance in this area.

Departments that serve 100,000 or more were unanimous in their response.

Table 119. Population Served and Resolution Development/Presentation Support

		Resolution Development/Presentation Support				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	87	79.1	23	20.9	110	100.0
	1,251 - 2,500	92	77.3	27	22.7	119	100.0
	2,501 - 5,000	70	75.3	23	24.7	93	100.0
	5,001 - 10,000	66	67.3	32	32.7	98	100.0
	10,001 - 25,000	49	70.0	21	30.0	70	100.0
	25,001 - 50,000	18	66.7	9	33.3	27	100.0
	50,001 - 100,000	8	72.7	3	27.3	11	100.0
	Greater than 100,000	4	100.0			4	100.0
Total		394	74.1	138	25.9	532	100.0

Station Location Planning

Table 120 illustrates the relationship between the size of the population served by the department and whether or not the department could use technical assistance in station location planning.

A total of 532 departments indicated whether or not they could use technical assistance in station location planning.. Of those departments, 26.7% responded yes, while 73.3% responded no.

The majority of all departments regardless of the size of the population served indicated that they would not need technical assistance in this area.

Departments that serve 100,000 or more were unanimous in their response.

Table 120. Population Served and Station Location Planning

		Station Location Planning				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	96	87.3	14	12.7	110	100.0
	1,251 - 2,500	93	78.2	26	21.8	119	100.0
	2,501 - 5,000	76	81.7	17	18.3	93	100.0
	5,001 - 10,000	60	61.2	38	38.8	98	100.0
	10,001 - 25,000	39	55.7	31	44.3	70	100.0
	25,001 - 50,000	14	51.9	13	48.1	27	100.0
	50,001 - 100,000	8	72.7	3	27.3	11	100.0
	Greater than 100,000	4	100.0			4	100.0
Total		390	73.3	142	26.7	532	100.0

ISO Support

Table 121 illustrates the relationship between the size of the population served by the department and whether or not the department could use technical assistance in ISO support.

A total of 532 departments indicated whether or not they could use technical assistance in ISO support. Of those departments, 67.9% responded yes, while 32.1% responded no.

The majority of all departments serving populations of 50,000 or less responded that they would like technical assistance in ISO support.

About 55% of departments that serve 50,000 to 100,000 people were less likely to need technical assistance in this area. Also, 75% of departments serving populations of 100,000 or more were less likely to need technical assistance in this area.

Table 121. Population Served and ISO Support

	ISO Support				Total		
	No		Yes		Number	Percent	
	Number	Percent	Number	Percent			
Population Served	1,250 and Less	35	31.8	75	68.2	110	100.0
	1,251 - 2,500	36	30.3	83	69.7	119	100.0
	2,501 - 5,000	32	34.4	61	65.6	93	100.0
	5,001 - 10,000	22	22.4	76	77.6	98	100.0
	10,001 - 25,000	26	37.1	44	62.9	70	100.0
	25,001 - 50,000	11	40.7	16	59.3	27	100.0
	50,001 - 100,000	6	54.5	5	45.5	11	100.0
	Greater than 100,000	3	75.0	1	25.0	4	100.0
Total		171	32.1	361	67.9	532	100.0

Strategic Planning

Table 122 illustrates the relationship between the size of the population served by the department and whether or not the department could use technical assistance in strategic planning.

A total of 532 departments indicated whether or not they could use technical assistance in strategic planning. Of those departments, 45.5% responded yes, while 54.5% responded no.

Departments serving up to 10,000 people were less likely to need technical assistance in strategic planning. Among departments serving 50,000 or more, 80% indicated that they would not need technical assistance in this area.

Table 122. Population Served and Strategic Planning

		Strategic Planning				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	71	64.5	39	35.5	110	100.0
	1,251 - 2,500	61	51.3	58	48.7	119	100.0
	2,501 - 5,000	53	57.0	40	43.0	93	100.0
	5,001 - 10,000	51	52.0	47	48.0	98	100.0
	10,001 - 25,000	31	44.3	39	55.7	70	100.0
	25,001 - 50,000	11	40.7	16	59.3	27	100.0
	50,001 - 100,000	9	81.8	2	18.2	11	100.0
	Greater than 100,000	3	75.0	1	25.0	4	100.0
Total		290	54.5	242	45.5	532	100.0

Volunteer Retention

Table 123 illustrates the relationship between the size of the population served by the department and whether or not the department could use technical assistance in volunteer retention program development.

A total of 532 departments indicated whether or not they could use technical assistance in volunteer retention program development. Of those departments, 56% responded yes, while 44% responded no.

The majority of departments serving 10,000 or less were more likely to need technical assistance with volunteer retention while departments serving 10,000 to 100,000 were less likely need technical assistance in this area.

One-hundred percent of departments serving 100,000 or more responded that they would not need technical assistance in volunteer retention.

Table 123. Population Served and Volunteer Retention

	Volunteer Retention				Total		
	No		Yes		Number	Percent	
	Number	Percent	Number	Percent			
Population Served	1,250 and Less	43	39.1	67	60.9	110	100.0
	1,251 - 2,500	38	31.9	81	68.1	119	100.0
	2,501 - 5,000	41	44.1	52	55.9	93	100.0
	5,001 - 10,000	37	37.8	61	62.2	98	100.0
	10,001 - 25,000	44	62.9	26	37.1	70	100.0
	25,001 - 50,000	17	63.0	10	37.0	27	100.0
	50,001 - 100,000	10	90.9	1	9.1	11	100.0
	Greater than 100,000	4	100.0			4	100.0
Total		234	44.0	298	56.0	532	100.0

NFPA Standards Support

Table 124 illustrates the relationship between the size of the population served by the department and whether or not the department could use technical assistance in NFPA Standard interpretation and/or implementation support.

A total of 532 departments indicated whether or not they could use technical assistance in NFPA Standard interpretation and/or implementation support. Of those departments, 40.6% responded yes, while 59.4% responded no.

The majority of departments regardless of the size of the population served were less likely to need technical assistance in NFPA Standard interpretation and/or implementation support.

One-hundred percent of departments serving 100,000 or more responded that they would not need technical assistance in this area.

Table 124. Population Served and NFPA Standards Support

		NFPA Standards Support				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	66	60.0	44	40.0	110	100.0
	1,251 - 2,500	66	55.5	53	44.5	119	100.0
	2,501 - 5,000	54	58.1	39	41.9	93	100.0
	5,001 - 10,000	53	54.1	45	45.9	98	100.0
	10,001 - 25,000	45	64.3	25	35.7	70	100.0
	25,001 - 50,000	19	70.4	8	29.6	27	100.0
	50,001 - 100,000	9	81.8	2	18.2	11	100.0
	Greater than 100,000	4	100.0			4	100.0
Total		316	59.4	216	40.6	532	100.0

Hiring Support

Table 125 illustrates the relationship between the size of the population served by the department and whether or not the department could use technical assistance in hiring process support.

A total of 532 departments indicated whether or not they could use technical assistance in hiring process support. Of those departments, only 13.2% responded yes, while 86.8% responded no.

The majority of departments regardless of the size of the population served were less likely to need technical assistance in hiring process support.

One-hundred percent of departments serving 100,000 or more responded that they would not need technical assistance in this area.

Table 125. Population Served and Hiring Support

		Hiring Support				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	105	95.5	5	4.5	110	100.0
	1,251 - 2,500	113	95.0	6	5.0	119	100.0
	2,501 - 5,000	83	89.2	10	10.8	93	100.0
	5,001 - 10,000	86	87.8	12	12.2	98	100.0
	10,001 - 25,000	47	67.1	23	32.9	70	100.0
	25,001 - 50,000	17	63.0	10	37.0	27	100.0
	50,001 - 100,000	7	63.6	4	36.4	11	100.0
	Greater than 100,000	4	100.0			4	100.0
Total	462	86.8	70	13.2	532	100.0	

Promotion Support

Table 126 illustrates the relationship between the size of the population served by the department and whether or not the department could use technical assistance in promotion process support.

A total of 532 departments indicated whether or not they could use technical assistance in promotion process support. Of those departments, 20.3% responded yes, while 79.7% responded no.

The majority of departments regardless of the size of the population served were less likely to need technical assistance in promotion process support.

Departments serving 100,000 or more responded were evenly distributed in their responses to needing technical assistance in promotion process support.

Table 126. Population Served and Promotion Support

	Promotion Support				Total		
	No		Yes		Number	Percent	
	Number	Percent	Number	Percent			
Population Served	1,250 and Less	102	92.7	8	7.3	110	100.0
	1,251 - 2,500	105	88.2	14	11.8	119	100.0
	2,501 - 5,000	78	83.9	15	16.1	93	100.0
	5,001 - 10,000	75	76.5	23	23.5	98	100.0
	10,001 - 25,000	39	55.7	31	44.3	70	100.0
	25,001 - 50,000	17	63.0	10	37.0	27	100.0
	50,001 - 100,000	6	54.5	5	45.5	11	100.0
	Greater than 100,000	2	50.0	2	50.0	4	100.0
Total		424	79.7	108	20.3	532	100.0

Developing Training Programs

Table 127 illustrates the relationship between the size of the population served by the department and whether or not the department could use technical assistance in developing training programs.

A total of 532 departments indicated whether or not they could use technical assistance in volunteer retention program development. Of those departments, 67.7% responded yes, while 32.3% responded no.

The majority of departments serving 50,000 people or less were more likely to need technical assistance in developing training programs. Departments serving 50,000 people or more were less likely to need technical assistance in this area.

Table 127. Population Served and Developing Training Programs

		Developing Training Programs				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	31	28.2	79	71.8	110	100.0
	1,251 - 2,500	31	26.1	88	73.9	119	100.0
	2,501 - 5,000	29	31.2	64	68.8	93	100.0
	5,001 - 10,000	27	27.6	71	72.4	98	100.0
	10,001 - 25,000	32	45.7	38	54.3	70	100.0
	25,001 - 50,000	13	48.1	14	51.9	27	100.0
	50,001 - 100,000	6	54.5	5	45.5	11	100.0
	Greater than 100,000	3	75.0	1	25.0	4	100.0
Total		172	32.3	360	67.7	532	100.0

Grant Writing Assistance

Table 128 illustrates the relationship between the size of the population served by the department and whether or not the department could use technical assistance in grant writing.

A total of 532 departments indicated whether or not they could use technical assistance in grant writing. Of those departments, 71.4% responded yes, while 28.6% responded no.

The majority of departments serving 100,000 or less were more likely to need technical assistance in grant writing. Three-fourths of the departments serving 100,000 or more responded that they would not need technical assistance in this area.

Table 128. Population Served and Grant Writing Assistance

		Grant Writing Assistance				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	30	27.3	80	72.7	110	100.0
	1,251 - 2,500	29	24.4	90	75.6	119	100.0
	2,501 - 5,000	24	25.8	69	74.2	93	100.0
	5,001 - 10,000	24	24.5	74	75.5	98	100.0
	10,001 - 25,000	28	40.0	42	60.0	70	100.0
	25,001 - 50,000	9	33.3	18	66.7	27	100.0
	50,001 - 100,000	5	45.5	6	54.5	11	100.0
	Greater than 100,000	3	75.0	1	25.0	4	100.0
Total		152	28.6	380	71.4	532	100.0

Adoption or Enforcement of Building / Fire Codes

Table 129 illustrates the relationship between the size of the population served by the department and whether or not the department could use technical assistance in the adoption or enforcement of building/fire codes.

A total of 532 departments indicated whether or not they could use technical assistance in the adoption or enforcement of building/fire codes. Of those departments, 32.7% responded yes, while 67.3% responded no.

The majority of departments regardless of the size of the population served were less likely to need technical assistance in the adoption or enforcement of building/fire codes.

One-hundred percent of departments serving 100,000 or more responded that they would not need technical assistance in this area.

Table 129. Population Served and Adoption or Enforcement of Building / Fire Codes

		Adoption or Enforcement of Building / Fire Codes				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	83	75.5	27	24.5	110	100.0
	1,251 - 2,500	83	69.7	36	30.3	119	100.0
	2,501 - 5,000	56	60.2	37	39.8	93	100.0
	5,001 - 10,000	57	58.2	41	41.8	98	100.0
	10,001 - 25,000	48	68.6	22	31.4	70	100.0
	25,001 - 50,000	18	66.7	9	33.3	27	100.0
	50,001 - 100,000	9	81.8	2	18.2	11	100.0
	Greater than 100,000	4	100.0			4	100.0
Total	358	67.3	174	32.7	532	100.0	

Other Technical Assistance

Table 130 illustrates the relationship between the size of the population served by the department and whether or not the department could use “other” technical assistance.

A total of 532 departments indicated whether or not they could use “other” technical assistance. Of those departments, 3.4% responded yes, while 96.6% responded no.

An overwhelming majority of departments regardless of the size of the population served were less likely to need “other” technical assistance.

One-hundred percent of departments serving 50,000 or more were less likely to need “other” technical assistance.

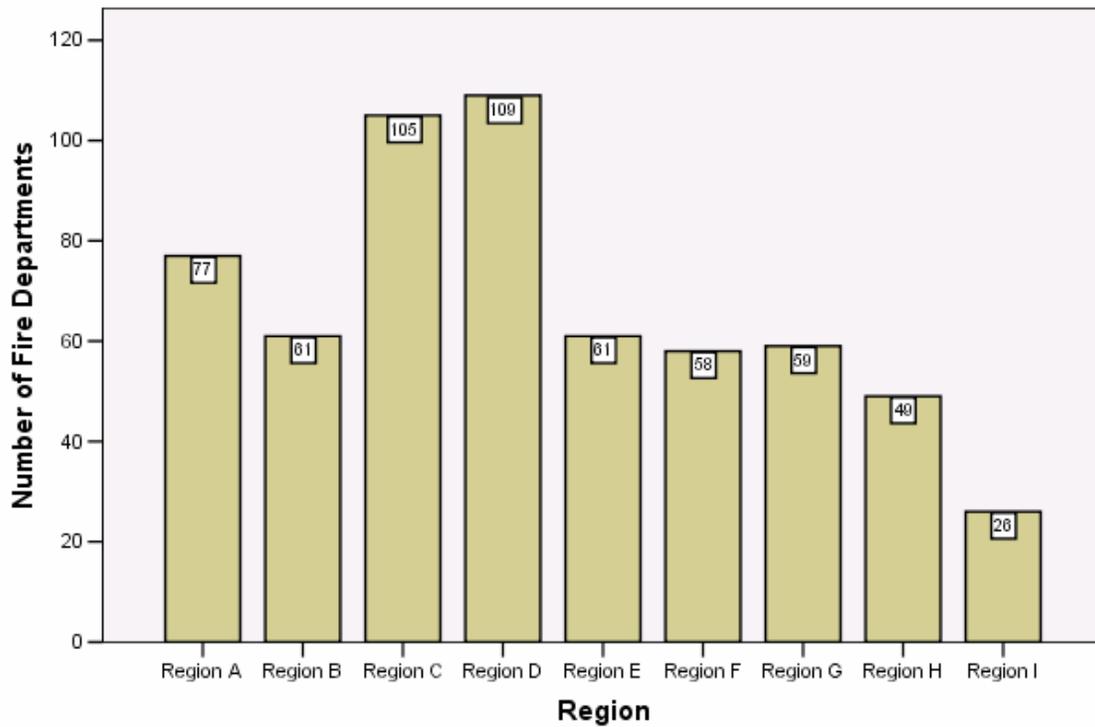
Table 130. Population Served and Other Technical Assistance

		Other Technical Assistance				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Population Served	1,250 and Less	106	96.4	4	3.6	110	100.0
	1,251 - 2,500	114	95.8	5	4.2	119	100.0
	2,501 - 5,000	89	95.7	4	4.3	93	100.0
	5,001 - 10,000	97	99.0	1	1.0	98	100.0
	10,001 - 25,000	67	95.7	3	4.3	70	100.0
	25,001 - 50,000	26	96.3	1	3.7	27	100.0
	50,001 - 100,000	11	100.0			11	100.0
	Greater than 100,000	4	100.0			4	100.0
Total		514	96.6	18	3.4	532	100.0

REGION AND DISTRICT CHARACTERISTICS

The following section reports on the relationship between the regions that the fire departments serve and selected district, safety and training characteristics. Chart 2 illustrates the number of departments that responded to the questionnaire by the region that they serve.

Chart 2. Number of Departments by Region



Region and Department Type

Table 131 illustrates the relationship between the region and the type of department—Municipal, Fire Protection District and Voluntary Fire Association.

A total of 594 fire departments indicated what type of department that they were. The majority of departments, 228, stated that they were the Fire Protection District type (38.4%), 209 departments stated they were Voluntary Fire Associations (35.2%), and finally 157 departments (26.4%) reported being Municipal.

Regions B, D, and G were more likely to have voluntary fire associations. And Region E was comprised mostly of Municipal fire departments.

Table 131. Region and Department Type

		Type of Department						Total	
		Municipal		Fire Protection District		Voluntary Fire Association		Number	Percent
		Number	Percent	Number	Percent	Number	Percent		
Region	Region A	28	36.4%	39	50.6%	10	13.0%	77	100.0%
	Region B	9	14.8%	16	26.2%	36	59.0%	61	100.0%
	Region C	28	27.5%	59	57.8%	15	14.7%	102	100.0%
	Region D	28	25.9%	33	30.6%	47	43.5%	108	100.0%
	Region E	31	51.7%	10	16.7%	19	31.7%	60	100.0%
	Region F	10	18.2%	32	58.2%	13	23.6%	55	100.0%
	Region G	11	19.3%	3	5.3%	43	75.4%	57	100.0%
	Region H	7	14.6%	25	52.1%	16	33.3%	48	100.0%
	Region I	5	19.2%	11	42.3%	10	38.5%	26	100.0%
Total		157	26.4%	228	38.4%	209	35.2%	594	100.0%

Region and Department Status

Table 132 illustrates the relationship between the region and the status of the fire department.

A total of 572 departments indicated what their department status was—Career, Volunteer, or Combination of career and volunteer. A total of 380 departments (63.9%) reported being volunteer status, 150 departments (25.2%) reported combination status and 65 departments (10.9%) reported career status.

Regions B, D, E, F, G, H, and I were predominantly comprised of volunteer fire departments. Region A was evenly split between volunteer and combination fire departments. And Region C was pretty evenly distributed between career, volunteer and combination fire departments.

Table 132. Region by Department Status

Region	Department Status						Total	
	Career		Combination		Volunteer		Number	Percent
	Number	Percent	Number	Percent	Number	Percent		
Region A	12	15.6%	33	42.9%	32	41.6%	77	100.0%
Region B	3	4.9%	6	9.8%	52	85.2%	61	100.0%
Region C	37	35.9%	33	32.0%	33	32.0%	103	100.0%
Region D	5	4.6%	22	20.4%	81	75.0%	108	100.0%
Region E	3	5.0%	17	28.3%	40	66.7%	60	100.0%
Region F	2	3.6%	19	34.5%	34	61.8%	55	100.0%
Region G			6	10.5%	51	89.5%	57	100.0%
Region H	1	2.1%	8	16.7%	39	81.3%	48	100.0%
Region I	2	7.7%	6	23.1%	18	69.2%	26	100.0%
Total	65	10.9%	150	25.2%	380	63.9%	595	100.0%

Region and Total Active Members

Table 133 illustrates the relationship between the region and the total number of active members in the department.

There were a total of 587 departments that reported number of active members that they had—0 to 10; 11 to 15; 16 to 20; 21 to 30; and 31 or more. There were 136 fire departments (23.2%) that reported 15 or less total active members, 131 fire departments (22.3%) reported 16 to 20 total active members, 170 fire departments (29%) reported 21-30 total active members, and 150 fire departments (25.6%) reported 31 or more total active members.

Region C had the most departments with 31 or more active members while Region D had the most departments with 15 or Less people.

Table 133. Region and Total Active Members

Region	Total Active Members								Total	
	15 or Less		16 - 20		21 - 30		31 or More		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Region A	8	10.7%	13	17.3%	29	38.7%	25	33.3%	75	100.0%
Region B	18	29.5%	19	31.1%	20	32.8%	4	6.6%	61	100.0%
Region C	7	6.8%	17	16.5%	30	29.1%	49	47.6%	103	100.0%
Region D	33	30.8%	23	21.5%	24	22.4%	27	25.2%	107	100.0%
Region E	22	36.7%	13	21.7%	17	28.3%	8	13.3%	60	100.0%
Region F	3	5.5%	14	25.5%	18	32.7%	20	36.4%	55	100.0%
Region G	27	50.9%	12	22.6%	11	20.8%	3	5.7%	53	100.0%
Region H	15	31.3%	15	31.3%	13	27.1%	5	10.4%	48	100.0%
Region I	3	12.0%	5	20.0%	8	32.0%	9	36.0%	25	100.0%
Total	136	23.2%	131	22.3%	170	29.0%	150	25.6%	587	100.0%

Regions and Total Operating Budget

Table 15 illustrates the relationship between the region and total operating budget.

There were 518 fire departments that reported their total operating budget. The total operating budget was collapsed into 7 categories: \$10,000 and less; \$10,001 to \$30,000; \$30,001 to \$100,000; \$100,001 to \$500,000; \$500,001 to \$1,000,000; \$1,000,001 to \$5,000,000; and \$5,000,001 and greater. There were 88 departments (17%) that reported a total operating budget of \$10,000 or less; 112 departments (21.5%) reported a total operating budget of \$10,001 to \$30,000; 115 departments (22.2%) reported a total operating budget of \$30,001 to \$100,000; 99 departments (19.1%) reported a total budget of \$100,001 to \$500,000; 28 departments (5.4%) reported a total budget of \$500,001 to \$1,000,000; 57 departments (11%) reported a total budget of \$1,000,001 to \$5,000,000; and 19 departments (3.7%) reported a total budget greater than \$5,000,000.

Region C had 12 departments with a total operating budget greater than \$5 million dollars. The majority of departments in Region G (44.7%), reported a total operating budget of \$10,000 or less.

Table 15. Regions and Total Operating Budget

Region	Total Operating Budget														Total	
	\$10,000 and Less		\$10,001 - \$30,000		\$30,001 - \$100,000		\$100,001 - \$500,000		\$500,001 - \$1,000,000		\$1,000,001 - \$5,000,000		\$5,000,001 and Greater		Number	Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Region A	4	5.8%	9	13.0%	12	17.4%	22	31.9%	5	7.2%	13	18.8%	4	5.8%	69	100.0%
Region B	11	20.8%	21	39.6%	17	32.1%	2	3.8%			2	3.8%			53	100.0%
Region C	1	1.1%	10	10.6%	16	17.0%	16	17.0%	11	11.7%	28	29.8%	12	12.8%	94	100.0%
Region D	17	18.1%	30	31.9%	18	19.1%	16	17.0%	8	8.5%	5	5.3%			94	100.0%
Region E	15	28.8%	9	17.3%	14	26.9%	10	19.2%	1	1.9%	3	5.8%			52	100.0%
Region F	7	14.3%	9	18.4%	12	24.5%	14	28.6%	1	2.0%	4	8.2%	2	4.1%	49	100.0%
Region G	21	44.7%	11	23.4%	9	19.1%	5	10.6%	1	2.1%					47	100.0%
Region H	10	23.3%	11	25.6%	11	25.6%	9	20.9%			1	2.3%	1	2.3%	43	100.0%
Region I	2	11.8%	2	11.8%	6	35.3%	5	29.4%	1	5.9%	1	5.9%			17	100.0%
Total	88	17.0%	112	21.6%	115	22.2%	99	19.1%	28	5.4%	57	11.0%	19	3.7%	518	100.0%

REGION AND TRAINING

Region and Dedicated Training Budget

Table 135 illustrates the relationship between the region and whether or not the department had a dedicated training budget.

There were 539 fire departments that reported whether or not they had a dedicated training budget. There were 279 departments (51.8%) that reported that they did have a dedicated training budget, and 260 departments (48.2%) that they did not.

Departments in Regions A, C, F and I were more likely to have a dedicated training budget.

Table 135. Region and Dedicated Training Budget

		Dedicated Training Budget				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Region	Region A	15	21.7	54	78.3	69	100.0
	Region B	41	71.9	16	28.1	57	100.0
	Region C	23	23.7	74	76.3	97	100.0
	Region D	58	61.7	36	38.3	94	100.0
	Region E	35	64.8	19	35.2	54	100.0
	Region F	15	30.6	34	69.4	49	100.0
	Region G	41	77.4	12	22.6	53	100.0
	Region H	23	53.5	20	46.5	43	100.0
	Region I	9	39.1	14	60.9	23	100.0
Total		260	48.2	279	51.8	539	100.0

Region and Require Minimum Certification of Fire Fighter 1

Table 136 illustrates the relationship between the region and whether or not the department requires minimum certification of fire fighter 1.

There were 537 fire departments that reported whether or not they require minimum certification of fire fighter 1. There were 149 departments (27.7%) that reported they did require minimum certification of fire fighter 1, and 388 departments (72.3%) that did not.

Departments in Region C were more likely to require a minimum certification of fire fighter 1. The majority of departments, regardless of region, do not require minimum certification.

Table 136 Region and Require Minimum Certification of Fire Fighter

		Require Minimum Certification of Fire Fighter				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Region	Region A	42	60.9	27	39.1	69	100.0
	Region B	49	89.1	6	10.9	55	100.0
	Region C	43	43.9	55	56.1	98	100.0
	Region D	68	72.3	26	27.7	94	100.0
	Region E	40	76.9	12	23.1	52	100.0
	Region F	41	85.4	7	14.6	48	100.0
	Region G	45	83.3	9	16.7	54	100.0
	Region H	41	93.2	3	6.8	44	100.0
	Region I	19	82.6	4	17.4	23	100.0
Total		388	72.3	149	27.7	537	100.0

Region and Minimum Training Before Fire Suppression Activities

Table 137 illustrates the relationship between the region and whether or not the department requires a minimum number of training hours before operational personnel become involved in fire suppression activities.

There were 533 fire departments that reported whether or not they require minimum training before fire suppression activities. There were 280 departments (52.5%) that reported they did require minimum training, and 253 departments (47.5%) that did not.

Departments in Regions B, E, G and H were less likely to require minimum certification before fire suppression activities. More than 70% of fire departments in Region C require minimum training.

Table 137 Region and Minimum Training Before Fire Suppression Activities

		Minimum Training Before Fire Suppression Activities				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Region	Region A	31	44.9	38	55.1	69	100.0
	Region B	35	60.3	23	39.7	58	100.0
	Region C	28	29.5	67	70.5	95	100.0
	Region D	41	44.1	52	55.9	93	100.0
	Region E	30	60.0	20	40.0	50	100.0
	Region F	18	37.5	30	62.5	48	100.0
	Region G	36	67.9	17	32.1	53	100.0
	Region H	25	56.8	19	43.2	44	100.0
	Region I	9	39.1	14	60.9	23	100.0
Total		253	47.5	280	52.5	533	100.0

Region and Designated Training Officer

Table 138 illustrates the relationship between the region and whether or not the department has a designated training officer.

There were 544 fire departments that reported whether or not they have a designated training officer. There were 345 departments (63.4%) that reported that they did have a dedicated training officer, and 199 departments (36.6%) reported they did not.

The majority of departments, regardless of region, have a designated training officer on their staff. More than 70% of fire departments in Regions A, C and I have dedicated training officers.

Table 138 Region and Designated Training Officer

		Designated Training Officer				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Region	Region A	16	23.2	53	76.8	69	100.0
	Region B	29	50.0	29	50.0	58	100.0
	Region C	15	15.3	83	84.7	98	100.0
	Region D	41	43.6	53	56.4	94	100.0
	Region E	23	42.6	31	57.4	54	100.0
	Region F	17	34.0	33	66.0	50	100.0
	Region G	30	55.6	24	44.4	54	100.0
	Region H	23	52.3	21	47.7	44	100.0
	Region I	5	21.7	18	78.3	23	100.0
Total		199	36.6	345	63.4	544	100.0

Region and Facility to Conduct In-House Training

Table 139 illustrates the relationship between the region and whether or not the department has a facility to conduct in-house training programs.

There were 539 fire departments that reported whether or not they have a facility to conduct in-house training. There were 204 departments (37.8%) that reported that they did have a facility, and 335 departments (62.2%) that reported they did not.

There majority of departments, regardless of region, do not have a facility to conduct in-house training. More than 70% of fire departments in Regions B and G do not have such a facility.

Table 139 Region and Facility to Conduct In-House Training

		Facility to Conduct In-House Training				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Region	Region A	36	52.2	33	47.8	69	100.0
	Region B	47	81.0	11	19.0	58	100.0
	Region C	49	50.5	48	49.5	97	100.0
	Region D	57	61.3	36	38.7	93	100.0
	Region E	36	69.2	16	30.8	52	100.0
	Region F	27	56.3	21	43.8	48	100.0
	Region G	42	77.8	12	22.2	54	100.0
	Region H	30	66.7	15	33.3	45	100.0
	Region I	11	47.8	12	52.2	23	100.0
Total		335	62.2	204	37.8	539	100.0

Region and Training Room

Table 140 illustrates the relationship between the region and whether or not the department had a dedicated training facility with a training room.

There were 566 fire departments that reported whether or not they have a training room. There were 221 departments (39%) that reported yes and 345 departments (61%) that reported no.

The majority of departments, regardless of region, do not have a training room.

Table 140 Region and Training Room

		Training Room				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Region	Region A	36	51.4	34	48.6	70	100.0
	Region B	43	74.1	15	25.9	58	100.0
	Region C	44	43.6	57	56.4	101	100.0
	Region D	59	59.6	40	40.4	99	100.0
	Region E	42	75.0	14	25.0	56	100.0
	Region F	32	58.2	23	41.8	55	100.0
	Region G	43	76.8	13	23.2	56	100.0
	Region H	31	67.4	15	32.6	46	100.0
	Region I	15	60.0	10	40.0	25	100.0
Total		345	61.0	221	39.0	566	100.0

Region and Access to Live Fire Training Facility

Table 141 illustrates the relationship between the region and whether or not the department has access to a live fire training facility.

There were 522 fire departments that reported whether or not they have access to a live fire training facility. There were 196 departments (37.5%) that reported they do have access to a live fire training facility, and 326 departments (62.5%) that do not.

More than 80% of fire departments in Region I have access to a live fire training facility while less than 30% of fire departments in Regions B, E, G and H have access.

Fire departments in Regions D and F are almost evenly split on whether or not they have access to a live fire training facility.

Table 141 Region and Access to Live Fire Training Facility

		Have Access to a Live Fire Training Facility				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Region	Region A	45	68.2	21	31.8	66	100.0
	Region B	45	80.4	11	19.6	56	100.0
	Region C	32	34.0	62	66.0	94	100.0
	Region D	51	54.8	42	45.2	93	100.0
	Region E	48	90.6	5	9.4	53	100.0
	Region F	25	51.0	24	49.0	49	100.0
	Region G	45	97.8	1	2.2	46	100.0
	Region H	31	72.1	12	27.9	43	100.0
	Region I	4	18.2	18	81.8	22	100.0
Total		326	62.5	196	37.5	522	100.0

Region and Participation in MU FRTI Programs

Table 142 illustrates the relationship between the region and whether or not the department participates in MU FRTI programs.

There were 537 fire departments that reported whether or not they participate in MU FRTI programs. There were 466 departments (86.8%) that reported yes and 71 departments (13.2%) that reported no.

The majority of departments, regardless of region, participate in MU FRTI programs.

Table 142 Region and Participation in MU FRTI Programs

		Participate in MU FRTI Programs				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Region	Region A	5	7.2	64	92.8	69	100.0
	Region B	11	19.6	45	80.4	56	100.0
	Region C	4	4.0	95	96.0	99	100.0
	Region D	19	20.2	75	79.8	94	100.0
	Region E	7	13.5	45	86.5	52	100.0
	Region F	3	6.1	46	93.9	49	100.0
	Region G	12	23.5	39	76.5	51	100.0
	Region H	9	20.5	35	79.5	44	100.0
	Region I	1	4.3	22	95.7	23	100.0
Total		71	13.2	466	86.8	537	100.0

Region and Participation in MO Division of Fire Safety Training

Table 143 illustrates the relationship between the region and whether or not the department participates in MO Division of Fire Safety training.

There were 539 fire departments that reported whether or not they participate in MO Division of Fire Safety training. There were 407 departments (75.5%) that reported yes and 132 departments (24.5%) that reported no.

The majority of departments, regardless of region, participate in MO Division of Fire Safety training.

Table 143 Region and Participation in MO Division of Fire Safety Training

		Participate in MO Division of Fire Safety Training Programs				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Region	Region A	12	17.4	57	82.6	69	100.0
	Region B	21	36.2	37	63.8	58	100.0
	Region C	12	12.1	87	87.9	99	100.0
	Region D	26	28.6	65	71.4	91	100.0
	Region E	19	35.8	34	64.2	53	100.0
	Region F	11	22.4	38	77.6	49	100.0
	Region G	12	22.2	42	77.8	54	100.0
	Region H	17	38.6	27	61.4	44	100.0
	Region I	2	9.1	20	90.9	22	100.0
Total		132	24.5	407	75.5	539	100.0

REGION AND SAFETY

Table 144 illustrates the relationship between the region and whether or not the department has at least one PASS device per member entering a hazardous atmosphere.

A total of 541 departments indicated whether or not they had at least one PASS device for each member entering a hazardous atmosphere. Of those departments, 83.4% responded yes, while 16.6% responded no.

The majority of departments regardless of region indicated that they have at least one PASS device per member.

Table 144. Region and One PASS Device Per Member

		Have at Least One PASS Device Per Member				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Region	Region A	4	5.8	65	94.2	69	100.0
	Region B	18	31.0	40	69.0	58	100.0
	Region C	5	5.1	94	94.9	99	100.0
	Region D	20	21.5	73	78.5	93	100.0
	Region E	10	18.9	43	81.1	53	100.0
	Region F	9	18.0	41	82.0	50	100.0
	Region G	15	29.4	36	70.6	51	100.0
	Region H	9	20.0	36	80.0	45	100.0
	Region I			23	100.0	23	100.0
Total		90	16.6	451	83.4	541	100.0

Region and Utilize Rapid Intervention Teams/Crews

Table 145 illustrates the relationship between the region and whether or not the department utilizes rapid intervention teams/crews.

A total of 518 departments indicated whether or not they utilized rapid intervention teams/crews. Of those departments, 51.7% responded yes, while 48.3% responded no.

Regions A, C, and I were most likely to have departments that utilized rapid intervention teams/crews.

Table 145. Region and Utilize Rapid Intervention Teams/Crews

		Utilize Rapid Intervention Teams/Crews				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Region	Region A	27	39.1	42	60.9	69	100.0
	Region B	41	70.7	17	29.3	58	100.0
	Region C	15	15.2	84	84.8	99	100.0
	Region D	47	51.1	45	48.9	92	100.0
	Region E	29	55.8	23	44.2	52	100.0
	Region F	25	51.0	24	49.0	49	100.0
	Region G	40	76.9	12	23.1	52	100.0
	Region H	26	61.9	16	38.1	42	100.0
	Region I	8	38.1	13	61.9	21	100.0
Total		258	48.3	276	51.7	534	100.0

Region and Written SOP/SOG: Safety

Table 146 illustrates the relationship between the region and whether or not the department has a written Standard Operating Procedure (SOP) or Standard Operating Guidelines (SOG) regarding safety.

A total of 524 departments indicated whether or not they had a written SOP or SOG regarding safety. Of those departments, 66.9% responded yes, while 33.1% responded no.

Regardless of region, the majority of departments indicated that they had written SOP and SOG regarding safety.

Table 146. Region and Written SOP/SOG: Safety

		Written SOP/SOG: Safety				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Region	Region A	18	26.1	51	73.9	69	100.0
	Region B	28	49.1	29	50.9	57	100.0
	Region C	16	16.3	82	83.7	98	100.0
	Region D	35	36.8	60	63.2	95	100.0
	Region E	23	42.6	31	57.4	54	100.0
	Region F	11	22.4	38	77.6	49	100.0
	Region G	21	40.4	31	59.6	52	100.0
	Region H	22	50.0	22	50.0	44	100.0
	Region I	5	21.7	18	78.3	23	100.0
Total		179	33.1	362	66.9	541	100.0

Region and Written SOP/SOG: Equipment

Table 147 illustrates the relationship between the region and whether or not the department has a written Standard Operating Procedure (SOP) or Standard Operating Guidelines (SOG) regarding equipment.

A total of 540 departments indicated whether or not they had a written SOP or SOG regarding equipment. Of those departments, 67% responded yes, while 33% responded no.

Regions B and H were less likely to have departments that had indicated written SOP and SOG regarding equipment.

Table 147. Region and Written SOP/SOG: Equipment

		Written SOP/SOG: Equipment				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Region	Region A	16	23.2	53	76.8	69	100.0
	Region B	29	50.9	28	49.1	57	100.0
	Region C	16	16.3	82	83.7	98	100.0
	Region D	35	36.8	60	63.2	95	100.0
	Region E	24	44.4	30	55.6	54	100.0
	Region F	12	24.5	37	75.5	49	100.0
	Region G	20	38.5	32	61.5	52	100.0
	Region H	22	51.2	21	48.8	43	100.0
	Region I	4	17.4	19	82.6	23	100.0
	Total	178	33.0	362	67.0	540	100.0

Region and Written SOP/SOG: Command

Table 148 illustrates the relationship between the region and whether or not the department has a written Standard Operating Procedure (SOP) or Standard Operating Guidelines (SOG) regarding command.

A total of 522 departments indicated whether or not they had a written SOP or SOG regarding command. Of those departments, 67.8% responded yes, while 32.2% responded no.

Only Region B had more departments report that they did not have a written SOP and SOG regarding command.

Table 148. Region and Written SOP/SOG: Command

		Written SOP/SOG: Command				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Region	Region A	20	29.0	49	71.0	69	100.0
	Region B	28	50.9	27	49.1	55	100.0
	Region C	11	11.3	86	88.7	97	100.0
	Region D	34	35.8	61	64.2	95	100.0
	Region E	24	44.4	30	55.6	54	100.0
	Region F	9	18.4	40	81.6	49	100.0
	Region G	21	40.4	31	59.6	52	100.0
	Region H	21	47.7	23	52.3	44	100.0
	Region I	5	21.7	18	78.3	23	100.0
	Total	173	32.2	365	67.8	538	100.0

Region and Written “Two In -- Two Out” Rule

Table 149 illustrates the relationship between the region and whether or not the department has a written “two in – two out” rule.

A total of 522 departments indicated whether or not they had a written “two in – two out” rule. Of those departments, 58.2% responded yes, while 41.8% responded no.

Regions A and B were most likely to have the majority of their departments report that they did not have a written two in—two out rule.

Table 149. Region and Written Two In Two Out Rule

		Written Two In--Two Out Rule				Total	
		No		Yes		Number	Percent
		Number	Percent	Number	Percent		
Region	Region A	35	50.7	34	49.3	69	100.0
	Region B	34	59.6	23	40.4	57	100.0
	Region C	34	34.7	64	65.3	98	100.0
	Region D	44	46.8	50	53.2	94	100.0
	Region E	20	37.0	34	63.0	54	100.0
	Region F	19	39.6	29	60.4	48	100.0
	Region G	16	31.4	35	68.6	51	100.0
	Region H	15	34.1	29	65.9	44	100.0
	Region I	8	34.8	15	65.2	23	100.0
Total		225	41.8	313	58.2	538	100.0