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A Profile of Iowa's Fire Service:

*the state of current service sharing, delivery
patterns of fire and emergency response services in Iowa
communities and the volunteers who serve them.*

FIRE SERVICE INSTITUTE
IOWA STATE UNIVERSITY EXTENSION
EXTENSION TO COMMUNITIES

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Haber Road, Ames IA 50011-3100



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**A Profile of Iowa's Fire Service:
the state of current service sharing, delivery patterns of fire and
emergency response services in Iowa communities
and the volunteers who serve them**

written and researched
by

Jacqueline M. Comito

with assistance by Mary Holmes

A report submitted by George Oster, Executive Officer, Iowa State University
Extension Fire Service Institute in partial fulfillment of the requirements of a grant
from the Iowa Department of Economic Development, Division of Community and
Rural Development.

Iowa State University
Ames, Iowa

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ONE

INTRODUCTION

Firefighting is an important part of any community. Firefighters stand as the first line of defense against one of the most serious (but preventable and controllable) dangers that can threaten a city or town - fire. Without an effective fire department, a whole community can be damaged or crippled as the result of a carelessly tossed cigarette, inadequate electrical wiring or a lightning strike.

Today, fire departments are responsible for a number of emergency services, including fire suppression, inspection, inspection and education, rescue and vehicle extrication, emergency medical response, hazardous material containment, confined space and water rescue, and emergency helicopter landing zone support. Fire departments are also part of the disaster response teams, mobilized during tornadoes, floods and large scale accidents. In general, if a non-law enforcement emergency occurs, it is the fire department that responds.

This study provides information concerning the fire service in Iowa. Specifically, it looks at departmental organization, the services offered and the profile of the volunteer. In addition, it addresses the future trends concerning emergency services delivery in Iowa into the next century.

Historical Background

Traditionally, firefighters in the United States were volunteers representing a cross section of the community from wealthy men, to office clerks to farmers¹. From the beginning, firefighting was the responsibility of the whole community. Early fire departments relied on volunteers and were allied with insurance companies. In some

¹ For overviews of the history of firefighting in the United States, read Robert L. Holzman's *The Romance of Firefighting* or *Fire in America!* by Paul Robert Lyons. One point of particular interest was the volunteers resistance to technology advancements (i.e. the switch from manual pumpers to steam engine pumpers) in fear their jobs would be eliminated. Today, the same fear is one of the major

areas, the fire brigade would only respond to those fires where the property owner had insurance. The early 1800s brought the separation of firefighter and insurance company. However, it was not until the 1850s that larger communities turned to career departments. Despite advanced technology, increased training demands and the addition of medical emergency services, volunteer fire departments are still the norm in the smaller communities. Seventy-five percent of all firefighters in the United States are volunteers (Karter 1995).

It is no surprise to those in the fire service that the United States has one of the worst fire records in the industrial world in fire deaths per capita and residential fires. Philip Schaenman (1993) in his series "International Concepts in Fire Protection" compares U.S. fire practices with those of Europe, Asia and Australia. Based on comparisons with countries such as Japan and Great Britain, Schaenman concludes that it is the U.S.'s emphasis on fire suppression over fire prevention and public education that explains why we have more fire deaths and fires than most other industrial nations. Schaenman recommends that the "strategic balance between fire prevention and fire suppression needs to be reexamined in every community in the United States and moved in the direction of more prevention (1993:3)."

According to Schaenman (1993; 1985; 1982), another critical component of the fire loss picture in the U.S. is its general model of fire and emergency service delivery. The U.S. is one of the few countries that places ninety-nine percent of the burden on local communities. This fragmented responsibility produces obvious inefficiencies and inequalities while ignoring the advantages of resource and service sharing on a county and state level.

Significance of Study

Fire and emergency medical response services represent an essential element of a sustainable community. Emergency services affect both the quality of life and the economic development potential of every Iowa community. The state of Iowa has 870

barriers to change. Technological advances have not eliminated the need for the volunteer but demanded a higher level of training.

fire departments². Eighty percent of those departments serve districts with populations of 5,000 or less. State Fire Marshal Roy Marshall, in his 1995 Annual Report to Governor Terry Branstad, noted a four year increase in fire deaths as well as an increase in direct dollar loss due to fire. Such statistics suggest an increasing demand on community fire departments for improved fire suppression, prevention and public education.

Two major population trends are affecting the way fire departments protect their community: 1) increasing population growth among town and cities that surround major metropolitan areas, and 2) decreasing populations in the rural communities due to lack of jobs and community resources. Regardless of the population, a third trend that impacts fire departments is shrinking or level budgets combined with increasing responsibilities such as advanced training needs, EMS responsibilities and the replacement and upgrading of equipment (Karter 1995: 23).

A steady increase in population results in an overall increase in calls a volunteer department receives³. Problems can occur when both the human and material resources afforded a department do not match the increased level of need. Inadequate staffing of day calls, a high level of volunteer burn-out and frequent supply and equipment replacement are a few of the stresses on departments. Recruitment can be difficult due to a "bedroom community" mentality and a population that is used to a career department.

A declining population trend among rural communities in Iowa is threatening the local fire departments as a result of several interrelated conditions: younger people are moving out of the rural areas in search of better educational and economic opportunities; services and facilities are decaying because the tax base has decreased due to the exodus of people (Ryan, et al, 1996). Although many of these fire departments respond to less than fifty calls a year, it takes a minimum number of apparatus and personnel to operate a

² According to the Fire Service Institute recorder, the total number of fire departments in the state is 881. Eleven of those are proprietary, industrial departments and therefore not relevant to the focus of this study.

³ A study was conducted the summer and fall of 1995 by Mary Holmes with assistance from Jacqueline Comito of the Rural Eastern Polk County Association of Fire Departments that offers a detailed perspective of the stresses placed on traditional volunteer departments when faced with a drastic increase in population base and yearly calls. The study was funded by the Iowa Department of Economic Development and is available through them.

department regardless of the number of people protected. With an aging rural population, recruitment possibilities can be limited.

It is clear that changes in demographics, economic and social conditions, and technological developments have significantly modified the circumstances in which Iowa cities and townships provide fire and emergency services. According to George Oster, Executive Officer of Iowa State University Extension's Fire Service Institute, many services are provided today based on past conditions, emotional attachment and tradition. The purpose of this study is to examine the organizational structure of Iowa fire departments, to record the current patterns of service delivery and levels of service sharing, and to ascertain the nature of the volunteer firefighter and the factors that influence his/her job performance.

This introductory chapter places the study of Iowa fire departments and volunteer firefighters within a broader historical perspective of firefighting in the United States. Several trends impacting the way fire departments perform their duties are defined and the methodology used to complete this study is clearly outlined. The second section presents the results of the statewide fire department survey. The findings are compared to federal and other state statistics when possible. In addition, time spent with fire departments in three Iowa counties, difficult to quantify, serves as another basis for understanding and interpreting the results of the statewide survey.

Results of the volunteer firefighter questionnaire are explored in the third section. The profile of the average firefighter is compared to the average adult in Iowa in areas of employment, marriage, age and gender. Firefighters' attitudes are also discussed. The final section looks at several Iowa fire departments that have closed over the last three decades, considers the next stages of the project and suggests future research. The strength and value of this study rests in its broad scope and number of participants. It is the hope of the researchers that this work will provide a common ground for dialogue between community fire and emergency medical response departments, elected officials and policy makers. This is an important step in facilitating positive change that will sustain local fire departments and Iowa communities in the century to come.

Study Design

The total population from which this study is drawn consists of the 870 fire departments in the state of Iowa. Four groups were identified for the study as follows: 1) a sampling group of 1/3 of the total of fire departments were randomly selected from the Fire Service Institute's mailing list in which the departments were listed alphabetical by county, so that each county would be evenly represented in the sample; 2) from the list of volunteer fire departments with populations 10,000 and under, forty-two departments were mailed a survey to be distributed to their volunteer firefighters; 3) from a Fire Service Institute list of fire departments that had been deleted from their database, fourteen city clerks were surveyed by phone concerning their current method of service delivery; and 4) based on the statewide mail survey of fire departments, three Iowa counties were selected for case studies to be used for the development of models.

During the month of February 1996, the fire chiefs from 290 departments were sent a questionnaire concerning the condition of their department from yearly budgets to level and extent of service sharing. Eighty-nine percent of the surveys were returned⁴ with sixty-eight of the ninety-nine counties proportionately represented. Only one county did not respond to the survey, despite numerous mailings⁵.

At the end of February, forty-two fire departments were randomly selected based on a community population of 10,000 and under, and on their volunteer status. Each department was sent a package with twenty-five firefighter surveys. The chiefs were asked to administer the survey to their personnel at the next monthly meeting. Sixty-seven percent of the departments responded for a total of 497 firefighter questionnaires.

During late March and early April, a phone survey was used to contact the city clerks from communities whose fire departments had been dropped from the Fire Service Institutes list over the last thirty years. The purpose of this survey is to find any common

⁴ Such a high level of response indicates strong interest on the part of the participants in this study.

⁵ One of the goals of this study was to present the results from both a state and a county perspective. A second and third mailing were necessary to facilitate this goal. Appendix One contains a summary of individual counties.

factors in the closing of the fire departments. Fourteen communities out of a possible twenty-two were contacted.

Finally, during the last weeks in May, based on the findings of the statewide survey, three counties were chosen as case studies to aid in the interpretation of the statewide findings and in the development of models. Hopefully, these counties, among others, will also serve as sites for future research. Each county represents a particular population and type of organization found in Iowa that influences the way fire departments do their work: 1) a totally rural community with a community population base of 5,000 or less; 2) a county with one city of 10,000 and several feeder communities; 3) an area with a major metropolitan base with a career fire department surrounded by several smaller cities with growing populations.

Researchers Comito and Holmes attended a fire chiefs' meeting in each county, and facilitated a fact finding session which focused on operational issues, service sharing, cooperation, identification and communication among the fire departments in their county. Each meeting lasted two to three hours. The information gained from these meetings is being used to help understand the statewide research. The findings will also be utilized by Holmes and Oster in the development of a self diagnostic tool to assist communities in determining the needed level of service delivery for fire and emergency medical services and to develop and describe alternative models of service sharing and delivery.

Although it would not be judicious to underscore the value of attending these meetings, it is important to note that the information gathered is somewhat anecdotal and should not be an end in itself but should serve as the basis for future research with more time being spent in each county⁶. Although most of the information from these meetings is not directly included in this report, the experience gave the researchers insight into the statewide findings.

⁶ Refer to the study conducted by Holmes in Eastern Polk county. Holmes, with Comito, spent six months with five different departments in the area talking to firefighters, chiefs, paramedics as well as city and county officials. Anecdotal information was supported through the analysis of each department's records. Surveys were distributed personally and several fact finding meetings were attended.

TWO

STATEWIDE FIRE DEPARTMENT SURVEY⁷**Population Base**

Eighty percent of the sampled fire departments in Iowa serve a district population of 5,000 or less; Sixty-five percent of departments serve populations bases of 2,500 or less.

Population Base of Fire District Area

under 500	9 %
501 to 2,500	56 %
2,501 to 5,000	15 %
5,001 to 10,000	12 %
10,001 to 25,000	4 %
25,001 to 50,000	2 %
over 50,000	2 %

Description of Fire Departments

Ninety percent of the fire departments in Iowa are still *all volunteer*. This number is fifteen percent higher than the 1994 national figure of seventy-five percent. Ninety-nine percent of the fire departments serving a population of 5,000 and less are *all volunteer*. Fifty-eight percent are *all volunteer* in district populations over 5,000. Only four percent of the fire departments in the state are *all career*. Of career departments sampled, two are in Lee county⁸ which serve populations between 10,000 to 15,000.

⁷ Appendix Two contains a copy of the survey mailed to the fire departments.

⁸ See Appendix One which contains a summary of individual counties.

Description That Best Fits Community Fire Department		
	Iowa	National
All Volunteer	90 %	75 %
Mainly Volunteer	6 %	14 %
Volunteer/Career	4 %	5 %
All Career	4 %	6 %

The greatest discrepancy of numbers is in the area of *all volunteer* and *mainly volunteer*. One possible explanation is that the national numbers reflect the future for Iowa fire departments. In the next decade, the state of Iowa could see an increase in the number of *mainly volunteer* departments, especially in areas that are experiencing an increasing population. However, it is doubtful that the number of *all career* will significantly increase over the next ten years. One of the implications of having so many *all volunteer* departments is that the stress on limited resources becomes more severe.

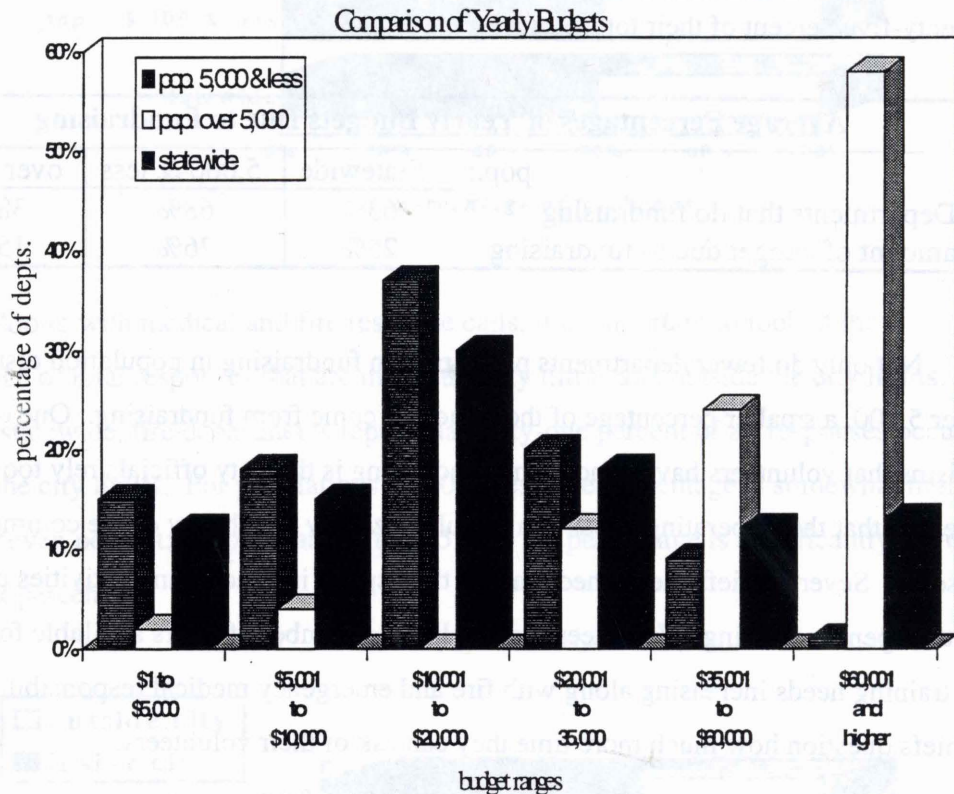
Yearly Budget

The question on the survey was as follows: "What is your total yearly budget (please include income from all sources)?" While developing the survey, it was recognized that this would be a difficult question for fire chiefs to answer. Every city and township has its own means of distributing money to their department. According to some of the fire chiefs interviewed, the budget figure may include anything from insurance and building rental to major equipment purchases. On the other hand, it may merely represent the yearly funds used for basic operation and expendable equipment needs, training and compensation.

The following table gives the average budget figure for the different fire district population base.

Average Budgets per District Population	
under 500	\$6,763
501 to 2,500	\$17,515
2,501 to 5,000	\$31,020
5,001 to 10,000	\$73,062
10,001 to 25,000	\$586,121
25,001 to 50,000	\$1,682,531
over 50,001	\$6,300,000

Based on the sample, eighty percent of all the fire departments in Iowa report an average budget of \$31,020 or less⁹. Although the average budget figure is interesting to note, it is more important to look at the various budget ranges and the percentage of fire departments that fall in those ranges.



Fifty-seven percent of fire departments surveyed reported budgets of \$20,000 or less. For the departments with district populations of 5,000 or less, seventy percent reported budgets of \$20,000 or less. As earlier shown, twenty percent of the fire departments in Iowa serve districts with populations of more than 5,000. Fifty-eight percent of those departments reported budgets of more than \$60,000.

⁹ As a point of reference, the approximate cost to equip one fire fighter with protective clothing ranges from \$2,500 to \$3,000. This does not factor in yearly maintenance. A typical fire pumper costs \$150,000 to \$200,000.

Fundraising

Fundraising plays an important role in bonding a fire department with the community its serves. Sixty-three percent of all fire departments in the state participate in some form of fundraising. Of those departments, fundraising accounts for an average of twenty-five percent of their total budget¹⁰.

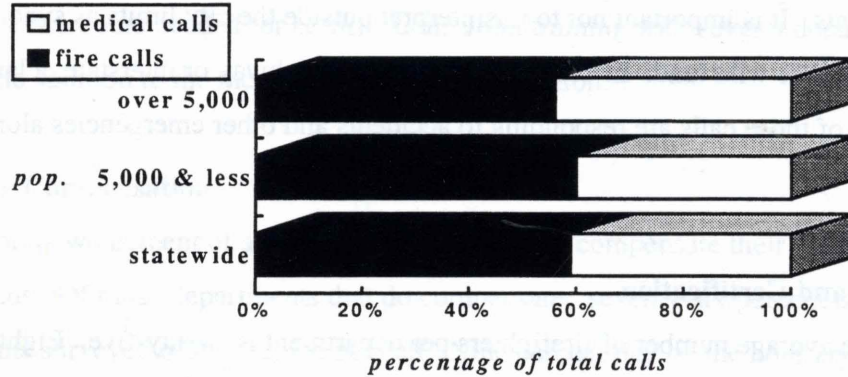
Average Percentages of Yearly Budgets Due to Fundraising				
	pop.:	Statewide	5,000 & less	over 5,000
Departments that do fundraising		63%	68%	38%
amount of budget due to fundraising		25%	26%	15%

Not only do fewer departments participate in fundraising in population districts of over 5,000, a smaller percentage of their budgets come from fundraising. One of the criticisms that volunteers have concerning fundraising is that city officials rely too much on the fact that their operating needs can be subsidized by the charity of the community they serve. Several chiefs mentioned that the time spend in fundraising activities could be better spent in training. Volunteers have a limited number of hours available for duty. With training needs increasing along with fire and emergency medical responsibilities, the chiefs question how much more time they can ask of their volunteers.

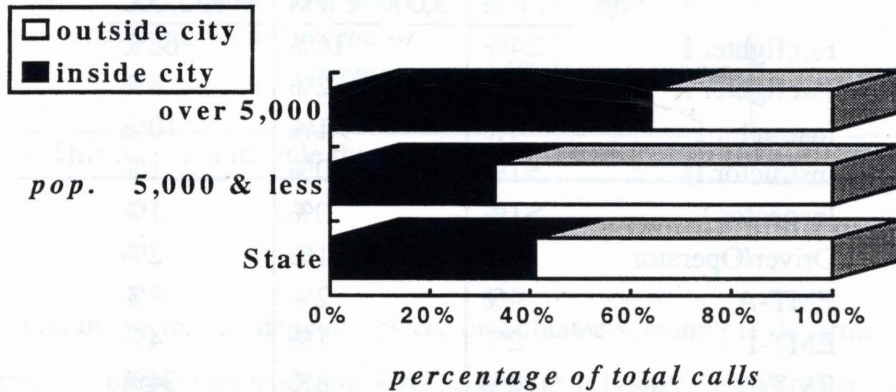
Average Yearly Responses

Among those surveyed, the average calls for response per year is 173. For district populations of 5,000 and less, the average number of responses is forty-five; for district populations of over 5,000, the average number of responses is 679. The increase in emergency medical services is evidenced by the breakdown of responses to calls that are fire or medical. Statewide, fifty-nine percent of all responses are fire and forty-one percent of all responses are medical. Districts with populations over 5,000 report a slightly higher percentage of medical calls at forty-four percent; districts with

populations 5,000 and less report a slightly lower percentage of medical calls at forty percent.



Along with medical and fire response calls, it is important to look at the percentage of total responses that are inside the city limits and outside the city limits. On average statewide, fire departments report that sixty-one percent of all responses occur outside the city limits. For populations 5,000 or less, the percentage is somewhat higher at sixty-seven percent; for populations over 5,000, the percentage is significantly lower at thirty-six percent.



The implications of the differences between responses inside the city limits and outside is difficult to interpret. For some fire departments, it could mean that townships should be taking more responsibility in the support and maintenance of its fire

departments. For the Fire Service Institute, it means a re-evaluation of the type of training offered to the more rural counties, especially if a significant number of those calls are wild land. In some areas those calls outside the city limits are in housing developments. It is important not to misinterpret outside the city limits as synonymous with rural and/or wild land. In counties with a major highway or interstate, a large percentage of those calls are responding to accidents and other emergencies along those roads.

Personnel and Certification

The average number of firefighters per department is twenty-five. Eighty-eight percent of Iowa fire personnel are volunteers. Only four percent of Iowa fire personnel are female. Only twenty-four percent of all Iowa fire personnel are certified *Firefighter I*. Three percent of fire personnel are certified *EMT-P*; twelve percent are qualified as *First Responder*. These averages are significantly higher for departments serving districts with populations over 5,000, and lower for those departments serving districts with populations 5,000 and less.

Percentage of Certified Firefighting Personnel

<i>pop.</i>	State	5,000 & less	over 5,000
Firefighter I	24%	16%	68%
Firefighter II	4%	2%	8%
Instructor I	4%	>1%	10%
Instructor II	>1%	0%	1%
Inspector I	>1%	0%	1%
Driver/Operator	2%	1%	2%
EMT-A	4%	2%	8%
EMT-I	2%	1%	4%
EMT-D	12%	8%	34%
EMT-P	3%	1%	10%
First Responder	12%	8%	22%
First Responder-D	7%	8%	8%

The following are a few of the reasons given for low *Firefighter I* certification among fire districts with populations of 5,000 and less: 1) training costs have increased, and 2) demands placed on firefighters' time have increased and it is harder to ask them to put in the extra hours needed for certification. Joint training with several departments may be one solution to the increasing costs of certification.

Volunteer Compensation

Forty-two percent of all departments financially compensate their volunteers by some means. Of those departments that do compensate, seventy-six percent of the departments surveyed offer a set fee per call. Nine percent pay by the hour and the other fifteen percent provide a stipend or token salary.

Percentage of Departments that Compensate Volunteers & How				
	<i>pop.</i>	State	5,000 & less	Over 5,000
Compensates		42%	37%	74% *
How:				
	\$5 to \$8 per call	43%	41%	43%
	\$1 to \$4 per call	24%	32%	7%
	\$9 to \$15 per call	9%	4%	20%
	\$3 to \$8 per hour	9%	10%	10%
	token payment, stipend or expenses	15%	13%	20%

* This does not include those departments who are *all career*.

With the increasing demands placed on volunteers, many fire departments have turned toward compensation of some kind. Although it is still less costly than paying personnel salaries, compensation may account for a large percentage of the yearly budget. The trend toward compensation is mostly in the more populous areas. Almost seventy percent of fire departments in district populations of 2,500 or less do not compensate their volunteers in any way.

Average Number and Age of Vehicles Operated by Fire Departments

The following is a list derived from taking the medium number of all the vehicles reported by fire chiefs from the survey:

Average Number and Age (in years) of Vehicles							
	<i>pop.</i> <i>ave.</i>	State		5,000 & less		over 5,000	
		#	Age	#	Age	#	Age
Tankers		1	21	1	21	1	16
Pumpers		2	18	1	19	3	14
Pumper/tankers		1	19	1	19	*	14
Ladder trucks or support vehicles		*	15	*	18	1	12
Rescue truck		1	13	1	15	1	9
Chief's vehicles		*	10	*	20	1	7
Ambulances		*	9	*	10	*	6

* denotes less than one vehicle per department

These averages are difficult to interpret. The important trend to note is the departments in smaller districts have older equipment on average and lower budgets. On the other hand, the larger districts are responding to a significantly greater number of calls.

Services Provided by Fire Departments

One of the key purposes of this study is to record the current patterns of service delivery. All departments in the state are able to offer the basic *firefighting* service. Only eighty-four percent of them are able to offer *fire prevention*, and a little over half of the department, offer *fire inspection*.

Percentage of Departments that Offer Service and Charges Fee for Service						
	<i>pop.</i> State		5,000 & less		over 5,000	
	offer	charge	offer	charge	offer	charge
Firefighting	100%	3%	100%	3%	100%	2%
Fire Prevention	84%	2%	80%	2%	100%	4%
Fire Inspection	55%	5%	49%	1%	75%	15%
Public Safety & Education	74%	1%	70%	1%	92%	none
Emergency Rescue	78%	8%	77%	7%	87%	9%
Emergency Medical Transportation (ambulance)	24%	52%	25%	47%	23%	75%
Emergency Medical Non-transport	52%	10%	52%	8%	56%	21%
Emergency Extrication	67%	8%	61%	8%	89%	7%
Water Rescue	35%	3%	30%	3%	50%	4%
Hazardous Materials Response	65%	20%	60%	15%	83%	39%
Helicopter Landing Zone Support	48%	none	48%	none	39%	none

Almost eighty percent of the departments offer emergency rescue and sixty-seven percent offer emergency extrication. Fire districts in the state that do not have city or county ambulance services are faced with the decision to add the service to their departments. The liability involved in medical services and the training cost are two of the major concerns of city officials and fire chiefs. Currently only twenty-four percent of the departments offer an *ambulance service* while just over half of the departments offer *emergency medical non-transport*. As shown in the section on personnel, twenty-one percent of all firefighters have some type of *EMT* certification and nineteen percent are certified *First Responders*. One fire chief stated that his department refuses to train advance medical personnel such as paramedics because of the time demand it would make on the volunteer. This idea is supported by the Eastern Polk county study that showed the *EMT* personnel spent almost twenty hours a week or more in volunteer service.

Although nearly two thirds of all the departments offer some sort of *public safety and education* and eighty-four percent offer *fire prevention*, it is unclear as to the extent

and depth of these programs. As stated earlier, the key reason the United States has a greater number of fire deaths and residential fires compared to other industrial nations is due to a greater emphasis on *fire suppression* over *fire prevention* and *public education* than the other nations. According to Oster (1996: personal communication), most fire prevention education is a once-a-year open house at the fire house or a school visit and that most inspections are performed upon request.

However, state fire officials are trying to change this in Iowa. State Fire Marshal Roy Marshall with his 1994 Annual Report stresses in his letter to the governor that most of the deaths and more than \$60 million lost to fire could have been prevented through education specifically directed toward children. He urges the governor that consideration be given to provide additional resources to this end. Responsibility for fire prevention should not rest entirely in the hands of the state fire departments but should become the responsibility of everyone in the community.

Another of the more recent directions taken by departments is to charge for certain services. Of the twenty-four percent who offer emergency medical transportation, over fifty percent of them charge for the service. Hazardous materials response is another area where more departments are charging for the service. Primarily, this is due to the expense of training, the difficulties handling the material and a mechanism for cost recovery. Of the sixty-five percent who offer hazardous materials response, twenty percent of them charge for the service. Many communities do not have hazardous material response teams of their own and contract out of the nearest larger city. Some fire chiefs in the departments that charge for services admit that it is difficult to collect. There is a trend toward an increase in the number of departments that charge for their various services.

Service Sharing

An important component to this study was to gather a better understanding of the degree to which Iowa fire departments are sharing services. The term *service sharing* applies to ways in which independent fire departments can work together without losing their autonomy and identity. This research is concerned with several types of service sharing: mutual aid, joint training, automatic response, insurance purchases, equipment

purchases, tiered response, contracts and 28E agencies. Every fire department surveyed participates in some form of service sharing, if not two or three. The most common form of service sharing is *mutual aid*. Even though other types such as *automatic* and *tiered response* are infrequently utilized by departments across the state, the fact that they are being implemented at all could be an indication of a willingness to try new organizational structures. As more demands are placed on a fire department's limited resources, they will seek other means to keep themselves viable to their community, rather than risk consolidation or, in extreme situations, shutdown¹¹.

The following charts outline the degree to which the state fire departments are participating in each of the above types of service sharing.

Mutual Aid

Mutual Aid is best defined as an informal agreement among two or more departments in a specific region with the understanding that they are available to help each other in a time of need. Each department will indicate the number of personnel and equipment they can viably send on an assistance call and still protect their own district. *Mutual aid* is only instigated upon the request of the department who needs assistance at the scene. In some counties, formal and written mutual aid agreements have been formulated.

SERVICE:	pop.	State	5,000 & less	over 5,000
Firefighting		98%	99%	96%
Fire Prevention		14%	16%	6%
Fire Inspection		4%	5%	2%
Public Fire Safety Education		11%	12%	6%
Emergency Medical Transport (ambulance)		30%	32%	21%
Emergency Medical Non-transport		38%	36%	44%
Paramedics		14%	14%	17%
Emergency Extrication & Rescue		58%	56%	67%
Water Rescue		35%	33%	44%
Hazardous Materials Response		49%	49%	52%
Helicopter Landing Zone Support		25%	25%	25%

¹¹ See the section Final Remarks in which "closed" departments in Iowa is discussed.

Joint Training

Joint training is a means of reducing the costs of training and assuring a basic standard of procedure among cooperating fire departments.

SERVICE:	<i>pop.</i>	State	5,000 & less	over 5,000
Firefighting		58%	55%	67%
Fire Prevention		15%	16%	12%
Fire Inspection		2%	2%	-----
Public Fire Safety Education		12%	14%	4%
Emergency Medical Transport (ambulance)		13%	15%	8%
Emergency Medical Non-transport		18%	17%	27%
Paramedics		5%	4%	8%
Emergency Extrication & Rescue		22%	21%	31%
Water Rescue		13%	12%	17%
Hazardous Materials Response		25%	22%	37%
Helicopter Landing Zone Support		9%	9%	8%

Automatic Response

Automatic response is arranged through the 911 area dispatcher. Under this formal agreement, specified fire departments are automatically dispatched depending on the type of fire, emergency call or the structures involved.

SERVICE:	<i>pop.</i>	State	5,000 & less	over 5,000
Firefighting		19%	17%	29%
Fire Prevention		2%	2%	2%
Fire Inspection		2%	2%	2%
Public Fire Safety Education		2%	2%	4%
Emergency Medical Transport (ambulance)		14%	16%	8%
Emergency Medical Non-transport		11%	11%	10%
Paramedics		3%	3%	2%
Emergency Extrication & Rescue		11%	11%	14%
Water Rescue		5%	5%	6%
Hazardous Materials Response		7%	8%	4%
Helicopter Landing Zone Support		6%	6%	6%

Insurance Purchases

Fire departments join together to purchase liability insurance and property insurance on vehicles and equipment they own thus reducing individual costs.

SERVICE:	<i>pop.</i>	State	5,000 & less	over 5,000
Firefighting		2%	2%	----
Fire Prevention		<1%	1%	----
Fire Inspection		----	----	----
Public Fire Safety Education		----	----	----
Emergency Medical Transport (ambulance)		<1%	1%	----
Emergency Medical Non-transport		----	----	----
Paramedics		----	----	----
Emergency Extrication & Rescue		----	----	----
Water Rescue		----	----	----
Hazardous Materials Response		----	----	----
Helicopter Landing Zone Support		----	----	----

Equipment Purchases

Fire departments join together to buy equipment and supplies in large quantities, or they share in the purchase of large pieces of equipment such as the “jaws of life” and breathing air systems.

SERVICE:	<i>pop.</i>	State	5,000 & less	over 5,000
Firefighting		10%	11%	6%
Fire Prevention		----	----	----
Fire Inspection		----	----	----
Public Fire Safety Education		----	----	----
Emergency Medical Transport (ambulance)		4%	5%	4%
Emergency Medical Non-transport		2%	2%	4%
Paramedics		1%	1%	2%
Emergency Extrication & Rescue		1%	2%	2%
Water Rescue		1%	1%	----
Hazardous Materials Response		2%	2%	----
Helicopter Landing Zone Support		----	----	----

Tiered Response

A *tiered response* is a formal system in which minimum response is made from the community with greater response automatically dispatched from outside the community.

SERVICE:	<i>pop.</i>	State	5,000 & less	over 5,000
Firefighting		6%	7%	4%
Fire Prevention		----	----	----
Fire Inspection		----	----	----
Public Fire Safety Education		----	----	----
Emergency Medical Transport (ambulance)		11%	14%	6%
Emergency Medical Non-transport		7%	8%	4%
Paramedics		9%	9%	8%
Emergency Extrication & Rescue		6%	6%	6%
Water Rescue		3%	3%	----
Hazardous Materials Response		7%	8%	----
Helicopter Landing Zone Support		2%	2%	2%

Contracts

A *contract* is a formal mechanism used by city officials to clearly establish the obligations and responsibilities of their fire departments to each other in order to better serve the needs of their collective areas.

SERVICE:	<i>pop.</i>	State	5,000 & less	over 5,000
Firefighting		7%	7%	6%
Fire Prevention		82%	79%	89%
Fire Inspection		----	----	----
Public Fire Safety Education		----	----	----
Emergency Medical Transport (ambulance)		3%	3%	6%
Emergency Medical Non-transport		<1	1%	2%
Paramedics		2%	1%	4%
Emergency Extrication & Rescue		<1	1%	2%
Water Rescue		----	----	----
Hazardous Materials Response		4%	4%	4%
Helicopter Landing Zone Support		----	----	----

28E Agencies

A 28E Agency is a formal contract to provide some service and is made between government agencies to create a third governing body. Although many report sharing through 28E agencies, Oster feels that there is a general misunderstanding of what a 28E agency provides and that there are possibly significantly fewer actual agencies than was reported by those surveyed.

SERVICE:	<i>pop.</i>	State	5,000 & less	over 5,000
Firefighting		33%	29%	50%
Fire Prevention		2%	3%	----
Fire Inspection		1%	1%	4%
Public Fire Safety Education		1%	1%	----
Emergency Medical Transport (ambulance)		7%	6%	12%
Emergency Medical Non-transport		7%	7%	6%
Paramedics		4%	2%	10%
Emergency Extrication & Rescue		9%	9%	14%
Water Rescue		4%	4%	6%
Hazardous Materials Response		16%	14%	25%
Helicopter Landing Zone Support		3%	3%	6%

Service Sharing at Work

A better indication of the effectiveness of service sharing can be found in those departments who do not or cannot provide specific services, but are able to make them available through an agreement with another organization or fire department. The following are examples of situations where fire departments are able to utilize varying forms of sharing agreements in order to better meet the needs of their communities:

- ⇒ Sixteen percent of the fire departments surveyed do not provide *fire prevention*. However, eighty-one percent of those departments are able to make it available through *mutual aid* agreements.
- ⇒ Seventy-six percent of the fire departments surveyed do not provide *emergency medical transportation*. However, seven percent of them are able to make it available through *mutual aid*; six percent have *automatic response* arrangements and two percent participate in a *tiered response* system.

- ⇒ Forty-eight percent of the fire departments surveyed do not provide *emergency medical non-transportation*. Through *mutual aid* agreements, thirty-eight percent of them have this service available to them; eleven percent have *automatic response* arrangements and seven percent participate in a *tiered response* system.
- ⇒ Of the thirty-three percent of fire departments surveyed that do not provide *emergency extrication*, twenty-eight percent of them have the service available to them *through mutual aid* agreements and six percent of them participate in a *tiered response* system.
- ⇒ Of the thirty-five percent of fire departments surveyed that do not *provide hazardous materials response*, sixteen percent have the service available to them through *mutual aid* agreements.

THREE

STATEWIDE VOLUNTEER FIREFIGHTER SURVEY¹²

A volunteer fire department can have all the funds and equipment they need and still be lacking the most valuable resource of all - the volunteer. It is difficult to proficiently run a fire department without a sufficient number of trained and available personnel. An increase in emergency medical service requests as well as advancements in technology have not only strained a department's budget but have overtaxed the volunteer's available time. Training needs and a broadened scope of services has also greatly increased the time requirement on volunteers. Several state fire chiefs have expressed their concern on how much more time they can demand from their personnel, many of whom are employed full-time, married and have children.

In order to improve recruitment and reduce the level of stress placed on fire department personnel, it is important to gain a better understanding of the men and women who make up Iowa's volunteer firefighters.

Sample Population

Because ninety-eight percent of the *all volunteer* fire departments serve populations of less than 10,000, the sample for the volunteer firefighter research was taken from this population range. The below table compares the percentage of all Iowa communities that fall into a particular population range and the percentage of the firefighters surveyed that serve community populations within the same ranges.

Comparison of Populations		
Sampled Fire Depts. with all Iowa Communities*		
Community population	Firefighter survey	State
less than 2,500	55%	79%
2,500 to 4,999	12%	12%
5,000 to 9,999	34%	9%
* 1990 State of Iowa Census		

¹² Appendix Three is a copy of the survey given to the volunteer firefighters.

The ratio between the actual number of communities in Iowa that fall in a specific population range and the percentage of firefighters sampled who serve the same community populations ranges are not the same because on average, more firefighters are needed to adequately protect larger population bases. Because of this factor, the firefighter sample does not necessarily represent the state's demographics.

Personal Characteristics of Iowa Volunteer Firefighters

The characteristics of the Iowa volunteer firefighters are more meaningful when compared to the characteristics of the average adult in the communities where they serve.

Comparison of Firefighters with Average Adult in Iowa Populations of Under 10,000

	Firefighters	Iowa *
<i>Average Age:</i>	40 years	55 years
<i>Gender:</i>		
male	96%	45%
female	4%	55%
<i>Marital Status:</i>		
married	80%	70%
widowed	1%	16%
divorced	6%	8%
never married	13%	6%
<i>Highest level of Education:</i>		
some high school	3%	15%
high school diploma	48%	40%
some college or AA	38%	29%
bachelors degree	9%	10%
graduate degree	2%	6%

* Iowa figures are taken from the report *Sigma: A profile of Iowa's Rural Communities* by the Rural Development Initiative, Dept. of Agriculture, Iowa State University. Based on information collected from citizens of 99 communities with populations of less than 10,000, Sigma is a hypothetical community made to represent the typical (or average) Iowa rural community.

Number of Firefighters in Iowa by Age Group

The average age of firefighters in Iowa is 40 years. The overall average age of an adult in Iowa communities of the same size is 55 (Ryan, et al, 1994:8). A comparison of firefighter age groups in Iowa with the same groups in the US, shows that Iowa has an older group of firefighters serving communities with populations under 10,000.

Comparison of Age Profile of Firefighters Firefighters and Iowa Communities of less than 10,000

	Iowa	United States*
under age 30	16%	31%
ages 30-39	36%	33%
ages 40-49	31%	22%
age 50 and up	18%	14%

* NFPA Report: *U.S. Fire Department Profile Through 1994*

Gender

Although an average of fifty-five percent of all adults in Iowa smaller communities are female, only four percent of Iowa volunteer firefighters are female. There appears to be strong resistance in the firefighting ranks toward women serving their communities as firefighters¹³. Women seem more accepted in fire departments if they serve as emergency medical personnel or are related or married to a male volunteers. Over half of the female firefighters serve as emergency medical personnel in their departments; almost half of the female firefighters serve with family members. On the other hand, less than a quarter of the male volunteers carry out emergency medical work and only thirty-eight percent of them serve with family members. As more departments add emergency medical services to their responsibilities, they may actively recruit more females.

¹³ This perception is not directly supported from the information gathered from the survey. Primarily, this information was obtained from the Eastern Polk county research and interviews with fire personnel from the case studies.

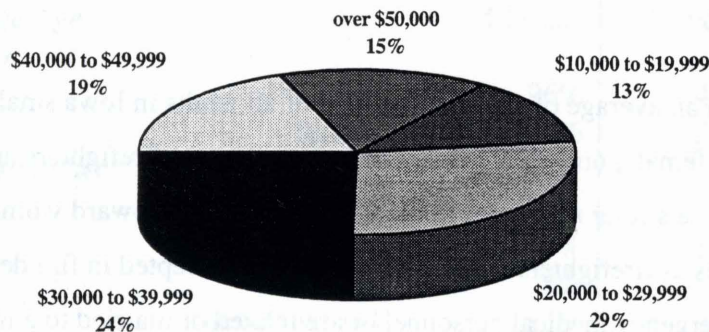
Average Number and Age of Children

Eighty-three percent of all volunteer firefighters have an average of two children. Fifty-one percent of their offspring are under the age of eighteen. Thirteen percent of firefighter's children are under age five and thirty-seven percent of those children are between the ages of five and seventeen.

Household Income, Employment Status and Occupation

Almost sixty percent of volunteers have household incomes of over \$30,000 a year; fifteen percent of those surveyed have yearly household incomes of over \$50,000 a year.

Household Incomes



Ninety-two percent of surveyed firefighters are employed full-time. Forty-seven percent of residents in a typical Iowa community work outside the city/town and commute an average of twenty-two miles round-trip to work (Ryan, et al, 1994:8). The above factors help explain why fire chiefs site difficulties in staffing daytime hours during the work week. Fifty-seven percent of volunteers surveyed have been employed in their current job for over ten years. Longevity of employment indicates a stable, non-transient volunteer population.

Comparison of Employment Status and Occupation Firefighters and Iowa Communities of less than 10,000		
	Firefighters	Iowa *
Employment status:		
<i>full-time</i>	92%	49%
<i>part-time</i>	3%	10%
<i>retired</i>	3%	31%
<i>student</i>	1%	1%
<i>unemployed/homemaker</i>	1%	9%
Occupation:		
<i>professional</i>	15%	17%
<i>managers/administration</i>	18%	12%
<i>sales</i>	8%	6%
<i>clerical</i>	1%	14%
<i>craftsman</i>	16%	9%
<i>operatives (factory)</i>	5%	4%
<i>transportation</i>	7%	3%
<i>labor</i>	11%	10%
<i>farmer</i>	5%	11%
<i>service</i>	4%	13%
<i>self-employed</i>	9%	N/A

* *Sigma: A profile of Iowa's Rural Communities*, Ryan, et al, 1994

One fire chief hypothesized that one of the key employment factors that has changed the ability of volunteers to serve during the day hours is the reduction in the number of self-employed firefighters.

Profile of the Volunteer as a Firefighter

Traditionally volunteer firefighters were responsible for extinguishing fire, later rescue duties were added and today, volunteers in the fire service not only put out fires and perform emergency rescues but many perform some level of emergency medical services and participate in hazardous materials removal. In general, when there is an emergency that is not law enforcement, the fire department is called to help. On average, volunteer firefighters have served eleven years in their departments and many intend to

serve for twenty more years or as many as possible. The average hours a week spent in firefighter duties is six.

Profile of Volunteer Firefighter

job in department:	
<i>fire</i>	75%
<i>EMT</i>	6%
<i>both</i>	16%
<i>First Responder</i>	3%
Average hours a week	6
Average years as a firefighter	12
Average years intend to serve	20+

Family Members as Volunteers

Almost forty percent of volunteers serve in their departments with one or more other family members. The traditional fire department has historically been organized around familiar relationships. The fact that only forty percent of the volunteers have family members serving on the departments could be an indicator of change within the fire service away from the traditional organization patterns.

Volunteers Firefighters Volunteering in Other Organizations

The volunteers surveyed revealed a high level of community commitment beyond their duties as firefighters. Fifty percent of volunteer firefighters also volunteer for the following other organizations:

church related	21%
medical services	15%
community organizations (Am. Legion, Jaycees, KCs, Lions)	16%
sports	10%
community or job related	23%
school	5%
national guard	2%
other fire services	3%
boy/girl scouts	6%

There seems to be a relationship between involvement in service-oriented activities as a child and volunteering as a firefighter as an adult¹⁴. Seventy-nine percent of the volunteer firefighters belonged to some type of service-oriented group as a youth such as the following:

Boy/Girl Scouts	53%
4-H	24%
Church activities	45%
Campfire Boys/Girls	2%
volunteered in hospital/nursing home	1%
Others: (Future Farmers of America, Fire Department Explorers, sports, etc.)	5%

Perceptions of Volunteer Firefighters

Understanding a volunteer firefighter's attitude concerning their job, fire department and community is a key step in maintaining and securing overall volunteer satisfaction. Volunteer firefighters were asked to "agree" or "disagree" to nine different statements concerning their work.

My overall experience as a firefighter has been positive.

strongly agree	59%
agree	22%
mildly agree	17%
mildly disagree	1%
disagree	1%
strongly disagree	----

Ninety-eight percent of all volunteer firefighters have some level of job satisfaction. There is strong evidence that respondents over the age of forty are more

¹⁴ The implications of this connection is that community leaders should continue to nurture a sense of service-oriented activities in their young people by investing in organizations such as the Scouts if they hope to have individuals who are willing to serve their communities as adults.

likely to disagree that their overall experience has been positive (Gamma = .77)¹⁵. Males are also more likely to disagree that their experience has been positive than females (Gamma = .59). There is slightly weaker indication that firefighters who perceive their populations as increasing also perceive their overall experience as less positive (Gamma = .28)¹⁶. Fire service districts of under 5,000 population also express a lower level of job satisfaction (Gamma = .62).

I feel the community respects the work I do as a firefighter.

strongly agree	43%
agree	30%
mildly agree	23%
mildly disagree	2%
disagree	1%
strongly disagree	1%

Ninety-six percent of the respondents agree to some degree that the community respects the work they do as firefighters. Again, fire districts with populations less than 5,000 were more likely to disagree that the community respects their work (Gamma = .32). This can be contrasted with the findings of the *Sigma* report that shows fire protection and emergency response services receive the most favorable evaluations from the community with an over ninety percent rating of very good or good (Ryan, et al, 1994:9).

¹⁵ Pearson correlation matrix and cross-tabulations were used to establish the significance, strength and direction of the relationships firefighter's perceptions and the socio-cultural variables such as age and gender. Gamma represents a symmetric measure of association for orderable discrete variables that take into account only the number of untied pairs. The measure of whether there is a relationship is a Gamma result of higher than .2.

¹⁶ Please see the Eastern Polk County study where Altoona, a city that is feeling drastic growing pains, also had the highest level of dissatisfaction with their experience as volunteer firefighters.

Firefighting duties interfere with family responsibilities.

strongly agree	8%
agree	7%
mildly agree	33%
mildly disagree	30%
disagree	12%
strongly disagree	10%

Only forty-eight percent of the respondents agreed that firefighting duties interfere with family responsibilities. Firefighters under the age of forty were more likely to agree with this statement ($\Gamma = .37$). This could be due to the fact that most of these firefighters are married with children under the age of ten.

Many of my friends are volunteers in the fire department.

strongly agree	31%
agree	24%
mildly agree	36%
mildly disagree	5%
disagree	2%
strongly disagree	2%

The ninety-one percent agreement with this statement is not surprising and indicative of a more traditional type of fire department where relationships are stressed over chains of command and formalized organization.

The average citizen does not appreciate my work as a firefighter.

strongly agree	4%
agree	5%
mildly agree	15%
mildly disagree	27%
disagree	26%
strongly disagree	23%

Although ninety-six percent of all respondents feel their community respects their work as firefighters, only seventy-six percent of them feel as if they are appreciated. Again, the *Sigma* study indicates that the communities feel otherwise. Age, gender, population size has no apparent influence on how volunteers responded to this question.

The community expects us to be there when they need us.

strongly agree	58%
agree	23%
mildly agree	17%
mildly disagree	1%
disagree	1%
strongly disagree	1%

Ninety-seven percent of all respondents agree with this statement.

Overwhelmingly women agree with the above statement over men (Gamma = 1). The most important trend to note is that fire district populations of under 5,000 were more likely to disagree that their community expects them to be there when they are needed (Gamma = .75). Perhaps this can be explained by the fact that difficulties in staffing day hours have resulted in some calls not being answered in a timely manner (Oster, personal communication).

Compared to other departments in area, my department ranks as one of the best.

strongly agree	61%
agree	22%
mildly agree	11%
mildly disagree	4%
disagree	1%
strongly disagree	2%

Ninety-four percent of volunteer firefighters surveyed agreed that their department was one of the best. Female firefighters (Gamma = .31) and firefighters serving districts of over 5,000 population (Gamma = .37) were more likely to agree with the above statement.

I would be a better firefighter if I were paid.

strongly agree	6%
agree	3%
mildly agree	11%
mildly disagree	32%
disagree	17%
strongly disagree	31%

The fact that twenty percent of the volunteer firefighters surveyed feel that they would be a better firefighter if they were paid could be an indication of a trend away from volunteerism that is (perhaps) in the future. This attitude is more apparent in males than females (Gamma = .62). This attitude can also stem from an increase in training demands and overall increase in responsibilities.

This department could benefit from more cooperation with other departments.

strongly agree	12%
agree	15%
mildly agree	45%
mildly disagree	18%
disagree	6%
strongly disagree	4%

The fact that seventy-two percent of all the respondents replied positively to an increase in cooperation with other departments shows an openness for additional types of service sharing. It is important to discover whether city officials and townships trustees share similar views - policy makers can have a large impact on the extent to which fire departments in an area share services.

FOUR

FINAL REMARKS

At the onset of this research project, interest was raised concerning a list of twenty-two fire departments that had been deleted from the Fire Service Institute's data bank over the years. The implications were that this list was evidence of an unstable position of some of Iowa's fire departments. Furthermore, it was suggested that if something was not done soon, more departments, particularly in the more rural areas, would close.

Through a phone survey, it was discovered that only one of these departments had closed within the last five years - the rest had closed more than fifteen years ago. The average population for these communities who lost their fire department was 104. All of the communities had populations of around 500 or less. This information suggests that the ten percent of fire departments in Iowa which serve a population district of under 500 could be threatened. On average they are functioning on a yearly budget of around \$7,000 and respond to twenty-one calls a year. More research is needed to define what is a sustainable community size to maintain local fire services. Perhaps the reason more departments have not closed is because they seem to have a basic level of service sharing or *mutual aid* available.

From the data, it is clear that fire departments in the state of Iowa are facing guaranteed change in the future based on technological advances, population fluctuations and societal changes. As a result of this study, there is a clearer picture of community fire departments across the state:

- ⇒ Ninety percent of all departments in Iowa are volunteer.
- ⇒ Eighty percent of them serve a district population base of under 5,000.

- ⇒ Volunteer fire departments are functioning with an average budget range of \$10,000 to \$20,000.
- ⇒ Sixty-three percent of all departments still do fundraising - twenty-five percent of their budgets come from this charity revenue.
- ⇒ Only four percent of the volunteer firefighters in the state are female despite the fact that they comprise fifty-five percent of the population. The average age for Iowa's volunteer firefighters is forty - higher than the national average.
- ⇒ Only twenty-five percent of all firefighters in the state are certified Firefighter I.
- ⇒ On average, fire departments are responding to 173 calls per year with forty percent of those responses reported as medical and sixty percent of those responses are located outside the city limits.
- ⇒ State fire departments are working with aging tankers and pumpers. Tankers are an average of twenty-one years old; pumpers are an average of eighteen years old.
- ⇒ Some form of service sharing is universally used by Iowa's fire departments. Ninety-eight percent of all departments in the state have mutual aid agreements for firefighting. There is still room for the expansion of service sharing in Iowa particularly in areas of fire insurance, fire prevention and public fire safety education.

Recommendations

To improve the ability of Iowa fire departments to serve the needs of their community, the following actions are recommended:

- ⇒ Building on the Fire Marshall's letter to the governor, the state of Iowa needs to invest more time and resources in public fire and safety education. It needs to become a matter of community concern and not merely left to the fire chiefs during Fire Prevention Week.
- ⇒ For the safety of the firefighters and for better fire suppression, all firefighters in the state should increase training with a goal of achieving Firefighter I status for the seventy-five percent who are not certified. Additional means should be made available to meet their training needs. The State of Iowa should assist in funding to meet the training needs of fire and emergency response departments, especially those departments serving district populations of less than 5,000.
- ⇒ Better channels of communication between community fire chiefs, firefighters, city officials, township trustees and state organizations such as the Fire Marshal's office and the Fire Service Institute need to be established. This is particularly important in the more rural areas where resources are threatened.
- ⇒ Fire Departments need diagnostic tools to enable them to determine the level of fire protection and emergency services needed to safely serve their community. They also need easily followed models of service sharing with assistance in discerning which type of sharing is best suited to their area.

Conclusions

Every community and township in Iowa faces the ongoing responsibility of providing emergency services for their citizens into the next century. Political, social and technological changes in the past century have been vast, and have had great impact on the delivery of emergency services. In order to make sense of the changes, both those past and those to come, much research is needed.

This report provides base line data concerning Fire Departments in Iowa in 1995-96. Additional qualitative research, modeled after the Rural Eastern Polk County research, would be valuable to better understand the complete picture of emergency services delivery in Iowa. The three county case studies could be expanded, with more in-depth research on how each county has organized in the past, and how it may change in the future.

Further research is needed to understand how fire department budgets are allocated and disbursed, and more details are needed concerning the real costs of providing emergency services. Research is also needed to better understand the reciprocal nature of the relationship between emergency services and economic development. This information will be valuable to policy makers, elected officials and entities such as the Fire Service Institute, and could be used to educate the general public. The goal of this research will be to apply it specifically as an infrastructure component in developing sustainable communities throughout Iowa.

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APPENDIX ONE

**SUMMARIES OF THE FIRE AND EMERGENCY SERVICES OF THE
INDIVIDUAL COUNTIES IN IOWA**

The following pages are capsule summaries of the fire department survey for ninety-eight of the ninety-nine counties in Iowa. Because each county's individual sample is small, the numbers presented here represent some of the current service sharing and delivery patterns of fire and emergency response services found in each county and should not be treated as conclusive facts.

ADAIR COUNTY

Number of Fire Departments in county	5
Representation in Sample	100%
Average Fire District Population	500 to 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$19,612
Percentage of Budget due to Fundraising	20%
Average # of Total Responses	62
Percentage of total responses which are:	
<i>medical</i>	65%
<i>fire</i>	35%
<i>inside city</i>	31%
<i>outside city</i>	69%
Average # of Personnel (per department)	28
<i>males</i>	24
<i>females</i>	5
Percentage of Departments that Compensate Volunteers	50%
Personnel certified Firefighter I (in county - as reported)	16
Personnel certified EMT (in county - as reported)	34
Summary of Services Offered:	
firefighting fire prevention fire inspection public safety education emergency rescue emergency medical transportation (some departments are charging for this service) emergency medical nontransportation emergency extrication hazard materials response helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid joint training automatic response tiered response	

ADAMS COUNTY

Number of Fire Departments in county	3
Representation in Sample	100%
Average Fire District Population	under 500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$2,500
Percentage of Budget due to Fundraising	100%
Average # of Total Responses	8
Percentage of total responses which are:	
<i>medical</i>	----
<i>fire</i>	100%
<i>inside city</i>	38%
<i>outside city</i>	62%
Average # of Personnel (per department)	13
<i>males</i>	11
<i>females</i>	2
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	3
Personnel certified EMT (in county - as reported)	1
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical nontransportation	
emergency extrication	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
contracts	

ALLAMAKEE COUNTY

Number of Fire Departments in county	6
Representation in Sample	100%
Average Fire District Population	under 5,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$43,000
Percentage of Budget due to Fundraising	5%
Average # of Total Responses	35
Percentage of total responses which are:	
<i>medical</i>	27%
<i>fire</i>	73%
<i>inside city</i>	51%
<i>outside city</i>	49%
Average # of Personnel (per department)	32
<i>males</i>	30
<i>females</i>	2
Percentage of Departments that Compensate Volunteers	67%
Personnel certified Firefighter I (in county - as reported)	46
Personnel certified EMT (in county - as reported)	3
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical transportation	
emergency extrication	
water rescue	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
equipment purchases	
contracts	
28 E agencies	

APPANOOSE COUNTY

Number of Fire Departments in county	6
Representation in Sample	100%
Average Fire District Population	under 5,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$12,500
Percentage of Budget due to Fundraising	13%
Average # of Total Responses	52
Percentage of total responses which are:	
<i>medical</i>	45%
<i>fire</i>	55%
<i>inside city</i>	31%
<i>outside city</i>	69%
Average # of Personnel (per department)	28
<i>males</i>	22
<i>females</i>	6
Percentage of Departments that Compensate Volunteers	0%
Personnel certified Firefighter I (in county - as reported)	4
Personnel certified EMT (in county - as reported)	11
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical transportation	
emergency medical nontransportation	
emergency extrication	
water rescue	
hazard materials response	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
contracts	

AUDUBON COUNTY

Number of Fire Departments in county	5
Representation in Sample	100%
Average Fire District Population	under 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$4,550
Percentage of Budget due to Fundraising	13%
Average # of Total Responses	7
Percentage of total responses which are:	
<i>medical</i>	7%
<i>fire</i>	93%
<i>inside city</i>	7%
<i>outside city</i>	93%
Average # of Personnel (per department)	18
<i>males</i>	17
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	0%
Personnel certified Firefighter I (in county - as reported)	4
Personnel certified EMT (in county - as reported)	3
Summary of Services Offered:	
firefighting fire prevention fire inspection public safety education emergency medical nontransportation hazard materials response helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid joint training automatic response tiered response contracts	

BENTON COUNTY

Number of Fire Departments in county	14
Representation in Sample	75%
Average Fire District Population	under 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$22,666
Percentage of Budget due to Fundraising	6%
Average # of Total Responses	37
Percentage of total responses which are:	
<i>medical</i>	62%
<i>fire</i>	38%
<i>inside city</i>	40%
<i>outside city</i>	60%
Average # of Personnel (per department)	23
<i>males</i>	20
<i>females</i>	3
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	8
Personnel certified EMT (in county - as reported)	18
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical transportation (some departments charge for this service)	
emergency medical nontransportation	
emergency extrication	
water rescue	
hazard materials response	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
contracts	
28 E Agencies	

BLACK HAWK COUNTY

Number of Fire Departments in county	8
Representation in Sample	100%
Average Fire District Population	33% 25 - 50,000; 33% 15 - 24,999; 33% under 2,500
Description of Fire Departments	all volunteer & career
Average Yearly Budget	50% - \$35 - \$60,000; 50% - over \$60,000
Percentage of Budget due to Fundraising	13%
Average # of Total Responses	324
Percentage of total responses which are:	
<i>medical</i>	51%
<i>fire</i>	49%
<i>inside city</i>	55%
<i>outside city</i>	45%
Average # of Personnel (per department)	29
<i>males</i>	25
<i>females</i>	4
Percentage of Departments that Compensate Volunteers	33%
Personnel certified Firefighter I (in county - as reported)	53
Personnel certified EMT (in county - as reported)	22
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection (some departments charge for this service)	
public safety education	
emergency rescue	
emergency medical transportation (some departments charge for this service)	
emergency medical nontransportation (some departments charge for this service)	
emergency extrication	
water rescue	
hazard materials response (some departments charge for this service)	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
equipment purchases	
contracts	
28 E agencies	

BOONE COUNTY

Number of Fire Departments in County	5
Representation in Sample	100%
Average Fire District Population	under 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$3,750
Percentage of Budget due to Fundraising	none
Average # of Total Responses	6
Percentage of total responses which are:	
<i>medical</i>	----
<i>fire</i>	100%
<i>inside city</i>	15%
<i>outside city</i>	85%
Average # of Personnel (per department)	22
<i>males</i>	18
<i>females</i>	4
Percentage of Departments that Compensate Volunteers	100%
Personnel certified Firefighter I (in county - as reported)	5
Personnel certified EMT (in county - as reported)	none
Summary of Services Offered:	
firefighting	
fire prevention	
emergency medical nontransportation	
hazard materials response	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
equipment purchases	
contracts	
28 E agencies	

BREMER COUNTY

Number of Fire Departments in county	8
Representation in Sample	100%
Average Fire District Population	under 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$20,500
Percentage of Budget due to Fundraising	17%
Average # of Total Responses	21
Percentage of total responses which are:	
<i>medical</i>	23%
<i>fire</i>	77%
<i>inside city</i>	30%
<i>outside city</i>	70%
Average # of Personnel (per department)	25
<i>males</i>	24
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	9
Personnel certified EMT (in county - as reported)	1
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency extrication	
water rescue	
hazard materials response (some departments charge for this service)	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
tiered response	
contracts	
28 E agencies	

BUCHANAN COUNTY

Number of Fire Departments in county	12
Representation in Sample	100%
Average Fire District Population	under 5,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$21,225
Percentage of Budget due to Fundraising	18%
Average # of Total Responses	49
Percentage of total responses which are:	
<i>medical</i>	61%
<i>fire</i>	39%
<i>inside city</i>	32%
<i>outside city</i>	68%
Average # of Personnel (per department)	19
<i>males</i>	17
<i>females</i>	2
Percentage of Departments that Compensate Volunteers	50%
Personnel certified Firefighter I (in county - as reported)	14
Personnel certified EMT (in county - as reported)	11
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical nontransportation	
emergency extrication	
water rescue	
hazard materials response (some departments charge for this service)	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
equipment purchases	
contracts	
28 E agencies	

BUENA VISTA COUNTY

Number of Fire Departments in county	9
Representation in Sample	100%
Average Fire District Population	under 2,500
Description of Fire Departments	all volunteer; mainly volunteer
Average Yearly Budget	\$14,500
Percentage of Budget due to Fundraising	15%
Average # of Total Responses	43
Percentage of total responses which are:	
<i>medical</i>	68%
<i>fire</i>	32%
<i>inside city</i>	33%
<i>outside city</i>	67%
Average # of Personnel (per department)	22
<i>males</i>	19
<i>females</i>	3
Percentage of Departments that Compensate Volunteers	100%
Personnel certified Firefighter I (in county - as reported)	none
Personnel certified EMT (in county - as reported)	8
Summary of Services Offered: firefighting fire prevention fire inspection public safety education emergency rescue emergency medical transportation emergency medical nontransportation emergency extrication hazard materials response	
Types of Service Sharing Currently Utilized in County: mutual aid joint training automatic response contracts 28 E agencies	

BUTLER COUNTY

Number of Fire Departments in county	10
Representation in Sample	75%
Average Fire District Population	under 5,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$17,226
Percentage of Budget due to Fundraising	none
Average # of Total Responses	34
Percentage of total responses which are:	
<i>medical</i>	21%
<i>fire</i>	79%
<i>inside city</i>	24%
<i>outside city</i>	76%
Average # of Personnel (per department)	27
<i>males</i>	27
<i>females</i>	<1
Percentage of Departments that Compensate Volunteers	67%
Personnel certified Firefighter I (in county - as reported)	19
Personnel certified EMT (in county - as reported)	7
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical transportation (some departments charge for this service)	
emergency medical nontransportation (some departments charge for this service)	
emergency extrication	
water rescue	
hazard materials response (some departments charge for this service)	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
equipment purchases	
contracts	
28 E Agencies	

CALHOUN COUNTY

Number of Fire Departments in county	9
Representation in Sample	67%
Average Fire District Population	under 5,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$15,961
Percentage of Budget due to Fundraising	38%
Average # of Total Responses	15
Percentage of total responses which are:	
<i>medical</i>	6%
<i>fire</i>	94%
<i>inside city</i>	33%
<i>outside city</i>	67%
Average # of Personnel (per department)	27
<i>males</i>	24
<i>females</i>	3
Percentage of Departments that Compensate Volunteers	100%
Personnel certified Firefighter I (in county - as reported)	5
Personnel certified EMT (in county - as reported)	12
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical transportation (some departments charge for this service)	
emergency medical nontransportation	
emergency extrication (some departments charge for this service)	
hazard materials response	
water rescue	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
insurance purchases	
tiered response	
contracts	
28 E contracts	

CARROLL COUNTY

Number of Fire Departments in county	12
Representation in Sample	100%
Average Fire District Population	under 2,500 (one community at 10,000)
Description of Fire Departments	all volunteer
Average Yearly Budget	\$21,683
Percentage of Budget due to Fundraising	10%
Average # of Total Responses	49
Percentage of total responses which are:	
<i>medical</i>	50%
<i>fire</i>	50%
<i>inside city</i>	50%
<i>outside city</i>	50%
Average # of Personnel (per department)	27
<i>males</i>	26
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	25%
Personnel certified Firefighter I (in county - as reported)	44
Personnel certified EMT (in county - as reported)	4
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical nontransportation	
emergency extrication	
hazard materials response (some departments charge for this service)	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
insurance purchases	
equipment purchases	
tiered response	
contracts	
28 E Agencies	

CASS COUNTY

Number of Fire Departments in county	8
Representation in Sample	100%
Average Fire District Population	under 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$5,750
Percentage of Budget due to Fundraising	58%
Average # of Total Responses	37
Percentage of total responses which are:	
<i>medical</i>	58%
<i>fire</i>	42%
<i>inside city</i>	27%
<i>outside city</i>	73%
Average # of Personnel (per department)	25
<i>males</i>	23
<i>females</i>	2
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	12
Personnel certified EMT (in county - as reported)	7
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical transportation	
emergency medical nontransportation	
emergency extrication	
water rescue	
hazard materials response	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
equipment purchases	
tiered response	
contracts	

CEDAR COUNTY

Number of Fire Departments in county	8
Representation in Sample	100%
Average Fire District Population	under 5,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$31,574
Percentage of Budget due to Fundraising	1%
Average # of Total Responses	44
Percentage of total responses which are:	
<i>medical</i>	16%
<i>fire</i>	84%
<i>inside city</i>	28%
<i>outside city</i>	72%
Average # of Personnel (per department)	26
<i>males</i>	26
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	33%
Personnel certified Firefighter I (in county - as reported)	none
Personnel certified EMT (in county - as reported)	11
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical nontransportation	
emergency extrication	
water rescue	
hazard materials response (all of the departments charge for this service)	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
tiered response	
contracts	

CERRO GORDO COUNTY

Number of Fire Departments in county	9
Representation in Sample	100%
Average Fire District Population	500 to 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$10,000
Percentage of Budget due to Fundraising	22%
Average # of Total Responses	13
Percentage of total responses which are:	
<i>medical</i>	47%
<i>fire</i>	53%
<i>inside city</i>	23%
<i>outside city</i>	77%
Average # of Personnel (per department)	20
<i>males</i>	18
<i>females</i>	2
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	14
Personnel certified EMT (in county - as reported)	none
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical transportation (some departments charge for this service)	
emergency medical nontransportation	
hazard materials response (some departments charge for this service)	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
tiered response	
contracts	

CHEROKEE COUNTY

Number of Fire Departments in county	9
Representation in Sample	100%
Average Fire District Population	500 to 2,500 (one at 7,500 -10,000)
Description of Fire Departments	all volunteer, partially volunteer
Average Yearly Budget	\$46,100
Percentage of Budget due to Fundraising	10%
Average # of Total Responses	29
Percentage of total responses which are:	
<i>medical</i>	52%
<i>fire</i>	48%
<i>inside city</i>	42%
<i>outside city</i>	58%
Average # of Personnel (per department)	23
<i>males</i>	22
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	67%
Personnel certified Firefighter I (in county - as reported)	11
Personnel certified EMT (in county - as reported)	11
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical nontransportation	
emergency extrication	
water rescue	
hazard materials response	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
tiered response	
contracts	

CHICKASAW COUNTY

Number of Fire Departments in county	7
Representation in Sample	100%
Average Fire District Population	2,500 to 7,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$10,250
Percentage of Budget due to Fundraising	8%
Average # of Total Responses	38
Percentage of total responses which are:	
<i>medical</i>	12%
<i>fire</i>	88%
<i>inside city</i>	35%
<i>outside city</i>	65%
Average # of Personnel (per department)	29
<i>males</i>	28
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	100%
Personnel certified Firefighter I (in county - as reported)	19
Personnel certified EMT (in county - as reported)	1
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
water rescue	
hazard materials response (some departments charge for this service)	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
equipment purchases	
contracts	
28 E agencies	

CLARKE COUNTY- did not respond to survey

Number of Fire Departments in county	3
Representation in Sample	0%
Average Fire District Population	
Description of Fire Departments	
Average Yearly Budget	
Percentage of Budget due to Fundraising	
Average # of Total Responses Percentage of total responses which are:	
	<i>medical</i>
	<i>fire</i>
	<i>inside city</i>
	<i>outside city</i>
Average # of Personnel (per department)	
	<i>males</i>
	<i>females</i>
Percentage of Departments that Compensate Volunteers	
Personnel certified Firefighter I (in county - as reported)	
Personnel certified EMT (in county - as reported)	
Summary of Services Offered:	
Types of Service Sharing Currently Utilized in County:	

CLAY COUNTY

Number of Fire Departments in county	8
Representation in Sample	100%
Average Fire District Population	500 to 2,500 (one at 10 to 15,000)
Description of Fire Departments	all volunteer; partially volunteer
Average Yearly Budget	\$83,666
Percentage of Budget due to Fundraising	6%
Average # of Total Responses	42
Percentage of total responses which are:	
<i>medical</i>	51%
<i>fire</i>	49%
<i>inside city</i>	36%
<i>outside city</i>	64%
Average # of Personnel (per department)	23
<i>males</i>	19
<i>females</i>	4
Percentage of Departments that Compensate Volunteers	50%
Personnel certified Firefighter I (in county - as reported)	27
Personnel certified EMT (in county - as reported)	7
<p>Summary of Services Offered: firefighting (some departments charge for this service) fire prevention fire inspection public safety education emergency rescue emergency medical nontransportation emergency extrication water rescue hazard materials response (some departments charge for this service) helicopter landing zone support</p>	
<p>Types of Service Sharing Currently Utilized in County: mutual aid joint training automatic response equipment purchases tiered response contracts</p>	

CLAYTON COUNTY

Number of Fire Departments in county	13
Representation in Sample	50%
Average Fire District Population	under 10,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$31,000
Percentage of Budget due to Fundraising	55%
Average # of Total Responses	36
Percentage of total responses which are:	
<i>medical</i>	23%
<i>fire</i>	77%
<i>inside city</i>	29%
<i>outside city</i>	71%
Average # of Personnel (per department)	29
<i>males</i>	27
<i>females</i>	2
Percentage of Departments that Compensate Volunteers	50%
Personnel certified Firefighter I (in county - as reported)	1
Personnel certified EMT (in county - as reported)	none
Summary of Services Offered:	
firefighting fire prevention fire inspection public safety education emergency rescue emergency medical nontransportation emergency extrication water rescue hazard materials response helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid joint training automatic response contracts	

CLINTON COUNTY

Number of Fire Departments in county	14
Representation in Sample	100%
Average Fire District Population	500 to 2,500 (two at 2,500 to 7,500)
Description of Fire Departments	all volunteer; mainly volunteer w/paid chief
Average Yearly Budget	\$20,001 to \$35,000
Percentage of Budget due to Fundraising	5%
Average # of Total Responses	103
Percentage of total responses which are:	
<i>medical</i>	55%
<i>fire</i>	45%
<i>inside city</i>	42%
<i>outside city</i>	58%
Average # of Personnel (per department)	32
<i>males</i>	31
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	40%
Personnel certified Firefighter I (in county - as reported)	17
Personnel certified EMT (in county - as reported)	58
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical transportation (some departments charge for this service)	
emergency medical nontransportation	
emergency extrication	
water rescue	
hazard materials response	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid & joint training	
automatic response	
tiered response	
contracts & 28 E agencies	

CRAWFORD COUNTY

Number of Fire Departments in county	10
Representation in Sample	100%
Average Fire District Population	500 to 2,500 (one at 5,000 to 7,500)
Description of Fire Departments	all volunteer; partially volunteer
Average Yearly Budget	23,750
Percentage of Budget due to Fundraising	19%
Average # of Total Responses	72
Percentage of total responses which are:	
<i>medical</i>	70%
<i>fire</i>	30%
<i>inside city</i>	51%
<i>outside city</i>	49%
Average # of Personnel (per department)	30
<i>males</i>	27
<i>females</i>	3
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	39
Personnel certified EMT (in county - as reported)	18
Summary of Services Offered: firefighting fire prevention fire inspection public safety education emergency rescue emergency medical transportation emergency medical nontransportation emergency extrication water rescue hazard materials response helicopter landing zone support	
Types of Service Sharing Currently Utilized in County: mutual aid joint training automatic response tiered response	

DALLAS COUNTY

Number of Fire Departments in county	14
Representation in Sample	80%
Average Fire District Population	50% 5,000 to 7,500; 50% under 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$36,115
Percentage of Budget due to Fundraising	5%
Average # of Total Responses	148
Percentage of total responses which are:	
<i>medical</i>	55%
<i>fire</i>	45%
<i>inside city</i>	45%
<i>outside city</i>	55%
Average # of Personnel (per department)	20
<i>males</i>	17
<i>females</i>	3
Percentage of Departments that Compensate Volunteers	50%
Personnel certified Firefighter I (in county - as reported)	20
Personnel certified EMT (in county - as reported)	28
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical nontransportation	
emergency extrication	
water rescue	
hazard materials response (some departments charge for this service)	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
equipment purchases	
tiered response	
contracts	
28 E agencies	

DAVIS COUNTY

Number of Fire Departments in county	4
Representation in Sample	100%
Average Fire District Population	50% 500 to 2,500; 50% 7,500 to 10,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$24,065
Percentage of Budget due to Fundraising	none
Average # of Total Responses	50
Percentage of total responses which are:	
<i>medical</i>	9%
<i>fire</i>	91%
<i>inside city</i>	37%
<i>outside city</i>	63%
Average # of Personnel (per department)	16
<i>males</i>	16
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	100%
Personnel certified Firefighter I (in county - as reported)	16
Personnel certified EMT (in county - as reported)	2
Summary of Services Offered:	
firefighting	
fire prevention	
public safety education	
emergency rescue (some departments charge for this service)	
emergency extrication (some departments charge for this service)	
hazard materials response (some departments charge for this service)	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
contracts	
28 E agencies	

DECATUR COUNTY

Number of Fire Departments in county	7
Representation in Sample	100%
Average Fire District Population	500 to 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$6,218
Percentage of Budget due to Fundraising	7%
Average # of Total Responses	25
Percentage of total responses which are:	
<i>medical</i>	33%
<i>fire</i>	67%
<i>inside city</i>	32%
<i>outside city</i>	68%
Average # of Personnel (per department)	16
<i>males</i>	13
<i>females</i>	3
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	3
Personnel certified EMT (in county - as reported)	1
Summary of Services Offered: firefighting fire prevention fire inspection public safety education emergency rescue emergency medical transportation emergency medical nontransportation emergency extrication water rescue hazard materials response (some departments charge for this service) helicopter landing zone support	
Types of Service Sharing Currently Utilized in County: mutual aid joint training tiered response contracts	

DELAWARE COUNTY

Number of Fire Departments in county	11
Representation in Sample	100%
Average Fire District Population	2,500 to 5,000
Description of Fire Departments	all volunteer; partially volunteer
Average Yearly Budget	\$56,833
Percentage of Budget due to Fundraising	25%
Average # of Total Responses	47
Percentage of total responses which are:	
<i>medical</i>	11%
<i>fire</i>	89%
<i>inside city</i>	33%
<i>outside city</i>	67%
Average # of Personnel (per department)	26
<i>males</i>	26
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	33%
Personnel certified Firefighter I (in county - as reported)	21
Personnel certified EMT (in county - as reported)	11
Summary of Services Offered:	
firefighting fire prevention fire inspection public safety education emergency rescue emergency medical nontransportation emergency extrication water rescue hazard materials response helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid joint training automatic response contracts 28 E agencies	

DES MOINES COUNTY

Number of Fire Departments in county	6
Representation in Sample	100%
Average Fire District Population	50% 5,000 to 7,500; 50% 25,000 to 50,000
Description of Fire Departments	all volunteer; all career
Average Yearly Budget	50% \$35,001 to \$60,000; 50% \$60,001+
Percentage of Budget due to Fundraising	5%
Average # of Total Responses	1672
Percentage of total responses which are:	
<i>medical</i>	62%
<i>fire</i>	38%
<i>inside city</i>	55%
<i>outside city</i>	45%
Average # of Personnel (per department)	38
<i>males</i>	38
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	38
Personnel certified EMT (in county - as reported)	43
Summary of Services Offered:	
firefighting	
fire prevention (some departments charge for this service)	
fire inspection	
public safety education	
emergency rescue (some departments charge for this service)	
emergency medical transportation (some departments charge for this service)	
emergency medical nontransportation (some departments charge for this service)	
emergency extrication	
water rescue	
hazard materials response (some departments charge for this service)	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
contracts	
28 E agencies	

DICKINSON COUNTY

Number of Fire Departments in county	7
Representation in Sample	67%
Average Fire District Population	under 5,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$22,000
Percentage of Budget due to Fundraising	7%
Average # of Total Responses	70
Percentage of total responses which are:	
<i>medical</i>	73%
<i>fire</i>	27%
<i>inside city</i>	58%
<i>outside city</i>	42%
Average # of Personnel (per department)	15
<i>males</i>	13
<i>females</i>	2
Percentage of Departments that Compensate Volunteers	100%
Personnel certified Firefighter I (in county - as reported)	6
Personnel certified EMT (in county - as reported)	6
Summary of Services Offered:	
firefighting fire inspection public safety education emergency rescue emergency medical nontransportation emergency extrication water rescue helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid joint training automatic response tiered response contracts	

DUBUQUE COUNTY

Number of Fire Departments in county	15
Representation in Sample	100%
Average Fire District Population	5,000 to 7,500
Description of Fire Departments	all volunteer; all career
Average Yearly Budget	25% \$10-20,000; 50% \$35-60,000; 25% \$60,0001+
Percentage of Budget due to Fundraising	6%
Average # of Total Responses	905
Percentage of total responses which are:	
<i>medical</i>	79%
<i>fire</i>	21%
<i>inside city</i>	23%
<i>outside city</i>	77%
Average # of Personnel (per department)	43
<i>males</i>	42
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	20%
Personnel certified Firefighter I (in county - as reported)	133
Personnel certified EMT (in county - as reported)	110
Summary of Services Offered:	
firefighting (some departments charge for this service)	
fire prevention (some departments charge for this service)	
fire inspection (some departments charge for this service)	
public safety education (some departments charge for this service)	
emergency rescue (some departments charge for this service)	
emergency medical transportation (some departments charge for this service)	
emergency medical nontransportation (some departments charge for this service)	
emergency extrication (some departments charge for this service)	
water rescue	
hazard materials response (some departments charge for this service)	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid & joint training	
automatic response	
equipment purchases	
tiered response	
contracts & 28 E agencies	

EMMET COUNTY

Number of Fire Departments in county	6
Representation in Sample	100%
Average Fire District Population	500 to 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$41,000
Percentage of Budget due to Fundraising	1%
Average # of Total Responses	52
Percentage of total responses which are:	
<i>medical</i>	48%
<i>fire</i>	52%
<i>inside city</i>	53%
<i>outside city</i>	47%
Average # of Personnel (per department)	23
<i>males</i>	19
<i>females</i>	4
Percentage of Departments that Compensate Volunteers	100%
Personnel certified Firefighter I (in county - as reported)	4
Personnel certified EMT (in county - as reported)	11
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical transportation (some departments charge for this service)	
emergency extrication	
water rescue	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
contracts	

FAYETTE COUNTY

Number of Fire Departments in county	13
Representation in Sample	100%
Average Fire District Population	under 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$20,000
Percentage of Budget due to Fundraising	8%
Average # of Total Responses	12
Percentage of total responses which are:	
<i>medical</i>	14%
<i>fire</i>	86%
<i>inside city</i>	30%
<i>outside city</i>	70%
Average # of Personnel (per department)	18
<i>males</i>	18
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	33%
Personnel certified Firefighter I (in county - as reported)	14
Personnel certified EMT (in county - as reported)	5
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency extrication	
water rescue	
hazard materials response	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
contracts	

FLOYD COUNTY

Number of Fire Departments in county	8
Representation in Sample	100%
Average Fire District Population	under 2,500 (one at 7,500 to 10,000)
Description of Fire Departments	all volunteer; partially volunteer
Average Yearly Budget	67% \$10,001 to \$20,000; 33% \$60,001+
Percentage of Budget due to Fundraising	8%
Average # of Total Responses	167
Percentage of total responses which are:	
<i>medical</i>	21%
<i>fire</i>	79%
<i>inside city</i>	43%
<i>outside city</i>	57%
Average # of Personnel (per department)	20
<i>males</i>	20
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	100%
Personnel certified Firefighter I (in county - as reported)	25
Personnel certified EMT (in county - as reported)	2
Summary of Services Offered:	
firefighting fire prevention fire inspection public safety education emergency rescue emergency extrication water rescue hazard materials response (some departments charge for this service) helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid joint training contracts 28 E agencies	

FRANKLIN COUNTY

Number of Fire Departments in county	8
Representation in Sample	100%
Average Fire District Population	under 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$23,233
Percentage of Budget due to Fundraising	2%
Average # of Total Responses	27
Percentage of total responses which are:	
<i>medical</i>	34%
<i>fire</i>	66%
<i>inside city</i>	24%
<i>outside city</i>	76%
Average # of Personnel (per department)	18
<i>males</i>	18
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	100%
Personnel certified Firefighter I (in county - as reported)	7
Personnel certified EMT (in county - as reported)	none
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical nontransportation	
emergency extrication	
hazard materials response (some departments charge for this service)	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
contracts	

FREMONT COUNTY

Number of Fire Departments in county	9
Representation in Sample	67%
Average Fire District Population	500 to 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$21,300
Percentage of Budget due to Fundraising	8%
Average # of Total Responses	165
Percentage of total responses which are:	
<i>medical</i>	78%
<i>fire</i>	22%
<i>inside city</i>	51%
<i>outside city</i>	49%
Average # of Personnel (per department)	29
<i>males</i>	23
<i>females</i>	6
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	25
Personnel certified EMT (in county - as reported)	33
Summary of Services Offered:	
firefighting	
fire prevention	
public safety education	
emergency rescue	
emergency medical transportation (some departments charge for this service)	
emergency extrication	
hazard materials response	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
equipment purchases	
tiered response	
contracts	
28 E contracts	

GREENE COUNTY

Number of Fire Departments in county	6
Representation in Sample	50%
Average Fire District Population	500 to 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$10,000
Percentage of Budget due to Fundraising	none
Average # of Total Responses	52
Percentage of total responses which are:	
<i>medical</i>	74%
<i>fire</i>	26%
<i>inside city</i>	71%
<i>outside city</i>	29%
Average # of Personnel (per department)	27
<i>males</i>	23
<i>females</i>	4
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	none
Personnel certified EMT (in county - as reported)	6
Summary of Services Offered:	
firefighting	
fire prevention	
public safety education	
emergency rescue	
emergency extrication	
hazard materials response	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	

GRUNDY COUNTY

Number of Fire Departments in county	8
Representation in Sample	100%
Average Fire District Population	2,500 to 5,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$42,500
Percentage of Budget due to Fundraising	10%
Average # of Total Responses	138
Percentage of total responses which are:	
<i>medical</i>	77%
<i>fire</i>	23%
<i>inside city</i>	68%
<i>outside city</i>	32%
Average # of Personnel (per department)	23
<i>males</i>	22
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	100%
Personnel certified Firefighter I (in county - as reported)	18
Personnel certified EMT (in county - as reported)	17
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical transportation (some departments charge for this service)	
emergency medical nontransportation (some departments charge for this service)	
emergency extrication	
hazard materials response	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
contracts	
28 E agencies	

GUTHRIE COUNTY

Number of Fire Departments in county	9
Representation in Sample	33%
Average Fire District Population	2,500 to 5,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$35,000
Percentage of Budget due to Fundraising	none
Average # of Total Responses	25
Percentage of total responses which are:	
<i>medical</i>	----
<i>fire</i>	100%
<i>inside city</i>	40%
<i>outside city</i>	60%
Average # of Personnel (per department)	32
<i>males</i>	32
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	15
Personnel certified EMT (in county - as reported)	none
Summary of Services Offered:	
firefighting	
fire prevention	
public safety education	
hazard materials response	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
contracts	
28 E agencies	

HAMILTON COUNTY

Number of Fire Departments in county	9
Representation in Sample	67%
Average Fire District Population	500 to 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$15,500
Percentage of Budget due to Fundraising	40%
Average # of Total Responses	22
Percentage of total responses which are:	
<i>medical</i>	35%
<i>fire</i>	65%
<i>inside city</i>	21%
<i>outside city</i>	79%
Average # of Personnel (per department)	18
<i>males</i>	17
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	50%
Personnel certified Firefighter I (in county - as reported)	7
Personnel certified EMT (in county - as reported)	5
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue (some departments charge for this service)	
emergency medical transportation (some departments charge for this service)	
emergency extrication (some departments charge for this service)	
hazard materials response (some departments charge for this service)	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
tiered response	
contracts	
28 E agencies	

HANCOCK COUNTY

Number of Fire Departments in county	8
Representation in Sample	67%
Average Fire District Population	under 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$18,700
Percentage of Budget due to Fundraising	13%
Average # of Total Responses	23
Percentage of total responses which are:	
<i>medical</i>	----
<i>fire</i>	100%
<i>inside city</i>	45%
<i>outside city</i>	55%
Average # of Personnel (per department)	25
<i>males</i>	25
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	50%
Personnel certified Firefighter I (in county - as reported)	none
Personnel certified EMT (in county - as reported)	none
Summary of Services Offered:	
firefighting fire prevention fire inspection public safety education emergency rescue emergency extrication hazard materials response	
Types of Service Sharing Currently Utilized in County:	
mutual aid joint training automatic response contracts 28 E agencies	

HARDIN COUNTY

Number of Fire Departments in county	11
Representation in Sample	100%
Average Fire District Population	under 5,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$23,350
Percentage of Budget due to Fundraising	none
Average # of Total Responses	20
Percentage of total responses which are:	
<i>medical</i>	21%
<i>fire</i>	79%
<i>inside city</i>	24%
<i>outside city</i>	76%
Average # of Personnel (per department)	20
<i>males</i>	19
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	100%
Personnel certified Firefighter I (in county - as reported)	4
Personnel certified EMT (in county - as reported)	2
Summary of Services Offered:	
firefighting (some departments charge for this service)	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical nontransportation (some departments charge for this service)	
hazard materials response (some departments charge for this service)	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
tiered response	
contracts	
28 E agencies	

HARRISON COUNTY

Number of Fire Departments in county	10
Representation in Sample	67%
Average Fire District Population	500 to 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$33,000
Percentage of Budget due to Fundraising	30%
Average # of Total Responses	132
Percentage of total responses which are:	
<i>medical</i>	64%
<i>fire</i>	36%
<i>inside city</i>	55%
<i>outside city</i>	45%
Average # of Personnel (per department)	22
<i>males</i>	21
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	5
Personnel certified EMT (in county - as reported)	14
Summary of Services Offered:	
firefighting fire prevention public safety education emergency rescue emergency medical transportation emergency medical nontransportation emergency extrication hazard materials response helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid joint training automatic response equipment purchases tiered response contracts 28 E agencies	

HENRY COUNTY

Number of Fire Departments in county	9
Representation in Sample	100%
Average Fire District Population	500 to 2,500 (one at 7,500 to 10,000)
Description of Fire Departments	all volunteer
Average Yearly Budget	\$49,666
Percentage of Budget due to Fundraising	11%
Average # of Total Responses	97
Percentage of total responses which are:	
<i>medical</i>	45%
<i>fire</i>	55%
<i>inside city</i>	61%
<i>outside city</i>	39%
Average # of Personnel (per department)	26
<i>males</i>	25
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	67%
Personnel certified Firefighter I (in county - as reported)	35
Personnel certified EMT (in county - as reported)	8
Summary of Services Offered:	
firefighting fire prevention fire inspection public safety education emergency rescue emergency medical nontransportation emergency extrication water rescue hazard materials response (some departments charge for this service) helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid joint training automatic response contracts 28 E contracts	

HOWARD COUNTY

Number of Fire Departments in county	5
Representation in Sample	50%
Average Fire District Population	7,500 to 10,000
Description of Fire Departments	all volunteer
Average Yearly Budget	N/A
Percentage of Budget due to Fundraising	none
Average # of Total Responses	60
Percentage of total responses which are:	
<i>medical</i>	3%
<i>fire</i>	97%
<i>inside city</i>	33%
<i>outside city</i>	67%
Average # of Personnel (per department)	N/A
<i>males</i>	N/A
<i>females</i>	N/A
Percentage of Departments that Compensate Volunteers	100%
Personnel certified Firefighter I (in county - as reported)	none
Personnel certified EMT (in county - as reported)	none
Summary of Services Offered:	
firefighting	
fire prevention	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
contracts	

HUMBOLDT COUNTY

Number of Fire Departments in county	10
Representation in Sample	67%
Average Fire District Population	under 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$7,000
Percentage of Budget due to Fundraising	5%
Average # of Total Responses	2
Percentage of total responses which are:	
<i>medical</i>	----
<i>fire</i>	100%
<i>inside city</i>	75%
<i>outside city</i>	25%
Average # of Personnel (per department)	11
<i>males</i>	10
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	50%
Personnel certified Firefighter I (in county - as reported)	none
Personnel certified EMT (in county - as reported)	none
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
hazard materials response (some departments charge for this service)	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
contracts	
28 E agencies	

IDA COUNTY

Number of Fire Departments in county	5
Representation in Sample	100%
Average Fire District Population	under 5,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$26,000
Percentage of Budget due to Fundraising	6
Average # of Total Responses	78
Percentage of total responses which are:	
<i>medical</i>	43%
<i>fire</i>	57%
<i>inside city</i>	38%
<i>outside city</i>	62%
Average # of Personnel (per department)	24
<i>males</i>	23
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	1
Personnel certified EMT (in county - as reported)	12
Summary of Services Offered:	
firefighting	
fire prevention	
public safety education	
emergency rescue	
emergency medical nontransportation	
emergency extrication	
water rescue	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
contracts	

IOWA COUNTY

Number of Fire Departments in county	10
Representation in Sample	67%
Average Fire District Population	500 to 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$10,000
Percentage of Budget due to Fundraising	17%
Average # of Total Responses	24
Percentage of total responses which are:	
<i>medical</i>	----
<i>fire</i>	100%
<i>inside city</i>	16%
<i>outside city</i>	84%
Average # of Personnel (per department)	19
<i>males</i>	19
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	6
Personnel certified EMT (in county - as reported)	none
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
emergency rescue	
emergency medical nontransportation	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
tiered response	
contracts	
28 E agencies	

JACKSON COUNTY

Number of Fire Departments in county	9
Representation in Sample	67%
Average Fire District Population	under 10,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$20,000 to \$35,000; \$60,000+
Percentage of Budget due to Fundraising	none
Average # of Total Responses	57
Percentage of total responses which are:	
<i>medical</i>	----
<i>fire</i>	100%
<i>inside city</i>	30%
<i>outside city</i>	70%
Average # of Personnel (per department)	29
<i>males</i>	28
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	50%
Personnel certified Firefighter I (in county - as reported)	19
Personnel certified EMT (in county - as reported)	2
Summary of Services Offered:	
firefighting	
fire prevention	
emergency rescue	
emergency extrication	
hazard materials response	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
contracts	
28 E agencies	

JASPER COUNTY

Number of Fire Departments in county	10
Representation in Sample	67%
Average Fire District Population	500 to 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$13,000
Percentage of Budget due to Fundraising	12%
Average # of Total Responses	43
Percentage of total responses which are:	
<i>medical</i>	50%
<i>fire</i>	50%
<i>inside city</i>	28%
<i>outside city</i>	72%
Average # of Personnel (per department)	17
<i>males</i>	15
<i>females</i>	2
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	5
Personnel certified EMT (in county - as reported)	1
Summary of Services Offered:	
firefighting	
fire prevention	
public safety education	
emergency rescue (some departments charge for this service)	
emergency medical transportation (some departments charge for this service)	
emergency medical nontransportation	
emergency extrication (some departments charge for this service)	
hazard materials response	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
tiered response	
contracts	
28 E agencies	

JEFFERSON COUNTY

Number of Fire Departments in county	5
Representation in Sample	100%
Average Fire District Population	500 to 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$37,500
Percentage of Budget due to Fundraising	6%
Average # of Total Responses	8
Percentage of total responses which are:	
<i>medical</i>	----
<i>fire</i>	100%
<i>inside city</i>	18%
<i>outside city</i>	82%
Average # of Personnel (per department)	21
<i>males</i>	21
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	11
Personnel certified EMT (in county - as reported)	none
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
contracts	

JOHNSON COUNTY

Number of Fire Departments in county	9
Representation in Sample	100%
Average Fire District Population	500 to 2,500 (one at 7,500 to 10,000)
Description of Fire Departments	all volunteer
Average Yearly Budget	\$30,500
Percentage of Budget due to Fundraising	15%
Average # of Total Responses	147
Percentage of total responses which are:	
<i>medical</i>	58%
<i>fire</i>	42%
<i>inside city</i>	34%
<i>outside city</i>	64%
Average # of Personnel (per department)	25
<i>males</i>	23
<i>females</i>	2
Percentage of Departments that Compensate Volunteers	25%
Personnel certified Firefighter I (in county - as reported)	36
Personnel certified EMT (in county - as reported)	43
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical nontransportation	
emergency extrication	
water rescue	
hazard materials response	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
equipment purchases	
tiered response	
contracts	
28 E agencies	

JONES COUNTY

Number of Fire Departments in county	9
Representation in Sample	100%
Average Fire District Population	under 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$16,266
Percentage of Budget due to Fundraising	38%
Average # of Total Responses	61
Percentage of total responses which are:	
<i>medical</i>	67%
<i>fire</i>	33%
<i>inside city</i>	29%
<i>outside city</i>	71%
Average # of Personnel (per department)	22
<i>males</i>	21
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	33%
Personnel certified Firefighter I (in county - as reported)	8
Personnel certified EMT (in county - as reported)	7
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical transportation	
emergency medical nontransportation	
emergency extrication	
water rescue	
hazard materials response (some departments charge for this service)	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid & joint training	
automatic response	
equipment purchases	
tiered response	
contracts & 28 E agencies	

KEOKUK COUNTY

Number of Fire Departments in county	10
Representation in Sample	100%
Average Fire District Population	under 5,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$21,333
Percentage of Budget due to Fundraising	14%
Average # of Total Responses	24
Percentage of total responses which are:	
<i>medical</i>	2%
<i>fire</i>	98%
<i>inside city</i>	35%
<i>outside city</i>	65%
Average # of Personnel (per department)	19
<i>males</i>	19
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	33%
Personnel certified Firefighter I (in county - as reported)	11
Personnel certified EMT (in county - as reported)	3
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical transportation	
emergency medical nontransportation	
emergency extrication	
hazard materials response	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
tiered response	
contracts	

KOSSUTH COUNTY

Number of Fire Departments in county	12
Representation in Sample	75%
Average Fire District Population	500 to 2,500 (one at 7,500 to 10,000)
Description of Fire Departments	all volunteer
Average Yearly Budget	\$25,900
Percentage of Budget due to Fundraising	65%
Average # of Total Responses	22
Percentage of total responses which are:	
<i>medical</i>	20%
<i>fire</i>	80%
<i>inside city</i>	44%
<i>outside city</i>	56%
Average # of Personnel (per department)	24
<i>males</i>	21
<i>females</i>	3
Percentage of Departments that Compensate Volunteers	100%
Personnel certified Firefighter I (in county - as reported)	10
Personnel certified EMT (in county - as reported)	3
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection (some departments charge for this service)	
public safety education	
emergency rescue (some departments charge for this service)	
emergency medical transportation (some departments charge for this service)	
emergency medical nontransportation	
emergency extrication (some departments charge for this service)	
water rescue (some departments charge for this service)	
hazard materials response (some departments charge for this service)	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
contracts	
28 E agencies	

LEE COUNTY

Number of Fire Departments in county	12
Representation in Sample	100%
Average Fire District Population	500 to 2,500; 10,000 to 15,000
Description of Fire Departments	all volunteer; all career
Average Yearly Budget	\$5-10,000; \$10 - 20,000; \$60,000+
Percentage of Budget due to Fundraising	8%
Average # of Total Responses	283
Percentage of total responses which are:	
<i>medical</i>	40%
<i>fire</i>	60%
<i>inside city</i>	52%
<i>outside city</i>	48%
Average # of Personnel (per department)	21
<i>males</i>	20
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	34
Personnel certified EMT (in county - as reported)	4
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical nontransportation	
emergency extrication	
hazard materials response	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
contracts	

LINN COUNTY

Number of Fire Departments in county	20
Representation in Sample	63%
Average Fire District Population	under 50,000 (one city over 50,000)
Description of Fire Departments	all volunteer; partially volunteer; all career
Average Yearly Budget	\$20-35,000; \$35-60,000; \$60,000+
Percentage of Budget due to Fundraising	7%
Average # of Total Responses	volunteer -143; all career - 2791
Percentage of total responses which are:	
<i>medical</i>	58%
<i>fire</i>	42%
<i>inside city</i>	62%
<i>outside city</i>	38%
Average # of Personnel (per department)	volunteer - 25; all career - 99
<i>males</i>	22 94
<i>females</i>	3 5
Percentage of Departments that Compensate Volunteers	50%
Personnel certified Firefighter I (in county - as reported)	202
Personnel certified EMT (in county - as reported)	178
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical nontransportation	
emergency extrication	
water rescue	
hazard materials response (some departments charge for this service)	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid & joint training	
automatic response	
equipment purchases	
tiered response	
contracts & 28 E agencies	

LOUISA COUNTY

Number of Fire Departments in county	6
Representation in Sample	100%
Average Fire District Population	500 to 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$11,500
Percentage of Budget due to Fundraising	6%
Average # of Total Responses	36
Percentage of total responses which are:	
<i>medical</i>	40%
<i>fire</i>	60%
<i>inside city</i>	39%
<i>outside city</i>	61%
Average # of Personnel (per department)	25
<i>males</i>	21
<i>females</i>	4
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	none
Personnel certified EMT (in county - as reported)	6
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical nontransportation	
emergency extrication	
water rescue	
hazard materials response	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
contracts	

LUCAS COUNTY

Number of Fire Departments in county	5
Representation in Sample	100%
Average Fire District Population	under 500 (one at 7,500 to 10,000)
Description of Fire Departments	all volunteer
Average Yearly Budget	\$21,750
Percentage of Budget due to Fundraising	none
Average # of Total Responses	56
Percentage of total responses which are:	
<i>medical</i>	5%
<i>fire</i>	95%
<i>inside city</i>	23%
<i>outside city</i>	77%
Average # of Personnel (per department)	24
<i>males</i>	23
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	15
Personnel certified EMT (in county - as reported)	none
Summary of Services Offered:	
firefighting fire prevention fire inspection public safety education emergency rescue emergency extrication water rescue hazard materials response	
Types of Service Sharing Currently Utilized in County:	
mutual aid joint training automatic response equipment purchases tiered response contracts 28 E agencies	

LYON COUNTY

Number of Fire Departments in county	8
Representation in Sample	100%
Average Fire District Population	500 to 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$8,500
Percentage of Budget due to Fundraising	15%
Average # of Total Responses	14
Percentage of total responses which are:	
<i>medical</i>	40%
<i>fire</i>	60%
<i>inside city</i>	33%
<i>outside city</i>	67%
Average # of Personnel (per department)	17
<i>males</i>	17
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	50%
Personnel certified Firefighter I (in county - as reported)	15
Personnel certified EMT (in county - as reported)	none
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency extrication	
hazard materials response	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
contracts	

MADISON COUNTY

Number of Fire Departments in county	5
Representation in Sample	100%
Average Fire District Population	under 5,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$20,000
Percentage of Budget due to Fundraising	10%
Average # of Total Responses	60
Percentage of total responses which are:	
<i>medical</i>	38%
<i>fire</i>	62%
<i>inside city</i>	28%
<i>outside city</i>	72%
Average # of Personnel (per department)	20
<i>males</i>	17
<i>females</i>	3
Percentage of Departments that Compensate Volunteers	50%
Personnel certified Firefighter I (in county - as reported)	19
Personnel certified EMT (in county - as reported)	6
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical nontransportation	
emergency extrication	
water rescue	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
equipment purchases	
tiered response	
contracts	
28 E agencies	

MAHASKA COUNTY

Number of Fire Departments in county	4
Representation in Sample	100%
Average Fire District Population	under 5,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$960
Percentage of Budget due to Fundraising	100%
Average # of Total Responses	15
Percentage of total responses which are:	
<i>medical</i>	67%
<i>fire</i>	33%
<i>inside city</i>	7%
<i>outside city</i>	93%
Average # of Personnel (per department)	20
<i>males</i>	17
<i>females</i>	3
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	none
Personnel certified EMT (in county - as reported)	none
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
emergency rescue	
emergency medical transportation	
emergency medical nontransportation	
emergency extrication	
water rescue	
hazard materials response	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
contracts	

MARION COUNTY

Number of Fire Departments in county	11
Representation in Sample	100%
Average Fire District Population	under 5,000; 10,000 to 15,000
Description of Fire Departments	all volunteer (one VA all career dept.)
Average Yearly Budget	\$18,500
Percentage of Budget due to Fundraising	none
Average # of Total Responses	72
Percentage of total responses which are:	
<i>medical</i>	23%
<i>fire</i>	77%
<i>inside city</i>	54%
<i>outside city</i>	46%
Average # of Personnel (per department)	18
<i>males</i>	17
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	50%
Personnel certified Firefighter I (in county - as reported)	20
Personnel certified EMT (in county - as reported)	3
Summary of Services Offered:	
firefighting fire prevention fire inspection public safety education emergency rescue emergency extrication water rescue hazard materials response helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid joint training automatic response contracts	

MARSHALL COUNTY

Number of Fire Departments in county	13
Representation in Sample	50%
Average Fire District Population	500 to 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$13,375
Percentage of Budget due to Fundraising	none
Average # of Total Responses	57
Percentage of total responses which are:	
<i>medical</i>	53%
<i>fire</i>	47%
<i>inside city</i>	15%
<i>outside city</i>	85%
Average # of Personnel (per department)	21
<i>males</i>	20
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	14
Personnel certified EMT (in county - as reported)	3
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical nontransportation	
emergency extrication	
water rescue	
hazard materials response (some departments charge for this service)	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
tiered response	
contracts	
28 E agencies	

MILLS COUNTY

Number of Fire Departments in county	8
Representation in Sample	100%
Average Fire District Population	under 5,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$9628
Percentage of Budget due to Fundraising	28%
Average # of Total Responses	62
Percentage of total responses which are:	
<i>medical</i>	14%
<i>fire</i>	86%
<i>inside city</i>	24%
<i>outside city</i>	76%
Average # of Personnel (per department)	18
<i>males</i>	16
<i>females</i>	2
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	none
Personnel certified EMT (in county - as reported)	7
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical transportation	
emergency extrication	
hazard materials response	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
tiered response	
contracts	
28 E agencies	

MITCHELL COUNTY

Number of Fire Departments in county	5
Representation in Sample	100%
Average Fire District Population	under 10,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$18,000
Percentage of Budget due to Fundraising	15%
Average # of Total Responses	21
Percentage of total responses which are:	
<i>medical</i>	3%
<i>fire</i>	97%
<i>inside city</i>	23%
<i>outside city</i>	77%
Average # of Personnel (per department)	23
<i>males</i>	23
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	100%
Personnel certified Firefighter I (in county - as reported)	32
Personnel certified EMT (in county - as reported)	none
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency medical transportation	
emergency medical nontransportation	
emergency extrication	
hazard materials response (some departments charge for this service)	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
contracts	

MONONA COUNTY

Number of Fire Departments in county	8
Representation in Sample	100%
Average Fire District Population	under 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$5,500
Percentage of Budget due to Fundraising	18%
Average # of Total Responses	9
Percentage of total responses which are:	
<i>medical</i>	----
<i>fire</i>	100%
<i>inside city</i>	13%
<i>outside city</i>	87%
Average # of Personnel (per department)	13
<i>males</i>	12
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	14
Personnel certified EMT (in county - as reported)	none
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical nontransportation	
water rescue	
hazard materials response	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
automatic response	
tiered response	
contracts	

MONROE COUNTY

Number of Fire Departments in county	3
Representation in Sample	100%
Average Fire District Population	500 to 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$9,063
Percentage of Budget due to Fundraising	33%
Average # of Total Responses	25
Percentage of total responses which are:	
<i>medical</i>	4%
<i>fire</i>	96%
<i>inside city</i>	8%
<i>outside city</i>	92%
Average # of Personnel (per department)	20
<i>males</i>	19
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	none
Personnel certified EMT (in county - as reported)	none
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	

MONTGOMERY COUNTY

Number of Fire Departments in county	5
Representation in Sample	100%
Average Fire District Population	under 500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$4,500
Percentage of Budget due to Fundraising	53%
Average # of Total Responses	9
Percentage of total responses which are:	
<i>medical</i>	----
<i>fire</i>	100%
<i>inside city</i>	6%
<i>outside city</i>	94%
Average # of Personnel (per department)	19
<i>males</i>	18
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	1
Personnel certified EMT (in county - as reported)	1
Summary of Services Offered:	
firefighting fire prevention fire inspection public safety education emergency medical nontransportation helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid joint training automatic response equipment purchases contracts	

MUSCATINE COUNTY

Number of Fire Departments in county	9
Representation in Sample	67%
Average Fire District Population	under 2,500; 15-25,000
Description of Fire Departments	all volunteer; all career
Average Yearly Budget	\$10-20,000; \$60,000+
Percentage of Budget due to Fundraising	4%
Average # of Total Responses	volunteer - 39; career - 1400
Percentage of total responses which are:	
<i>medical</i>	55%
<i>fire</i>	45%
<i>inside city</i>	69%
<i>outside city</i>	31%
Average # of Personnel (per department)	volunteer - 21; career - 32
<i>males</i>	21 31
<i>females</i>	---- 1
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	4
Personnel certified EMT (in county - as reported)	34
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical nontransportation	
emergency extrication	
water rescue	
hazard materials response	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
equipment purchases	
contracts	
28 E agencies	

O'BRIEN COUNTY

Number of Fire Departments in county	11
Representation in Sample	75%
Average Fire District Population	500 to 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$10,000
Percentage of Budget due to Fundraising	57%
Average # of Total Responses	15
Percentage of total responses which are:	
<i>medical</i>	38%
<i>fire</i>	62%
<i>inside city</i>	33%
<i>outside city</i>	67%
Average # of Personnel (per department)	21
<i>males</i>	19
<i>females</i>	2
Percentage of Departments that Compensate Volunteers	33%
Personnel certified Firefighter I (in county - as reported)	6
Personnel certified EMT (in county - as reported)	6
Summary of Services Offered: firefighting (some departments charge for this service) fire prevention (some departments charge for this service) fire inspection public safety education emergency rescue (some departments charge for this service) emergency medical transportation (some departments charge for this service) emergency medical nontransportation emergency extrication water rescue hazard materials response helicopter landing zone support	
Types of Service Sharing Currently Utilized in County: mutual aid joint training contracts	

OSCEOLA COUNTY

Number of Fire Departments in county	6
Representation in Sample	100%
Average Fire District Population	under 5,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$24,750
Percentage of Budget due to Fundraising	30%
Average # of Total Responses	17
Percentage of total responses which are:	
<i>medical</i>	54%
<i>fire</i>	46%
<i>inside city</i>	42%
<i>outside city</i>	58%
Average # of Personnel (per department)	22
<i>males</i>	20
<i>females</i>	2
Percentage of Departments that Compensate Volunteers	100%
Personnel certified Firefighter I (in county - as reported)	16
Personnel certified EMT (in county - as reported)	none
Summary of Services Offered:	
firefighting fire prevention public safety education emergency rescue emergency medical nontransportation emergency extrication hazard materials response helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid joint training tiered response contracts	

PAGE COUNTY

Number of Fire Departments in county	10
Representation in Sample	33%
Average Fire District Population	under 5,000
Description of Fire Departments	partially volunteer
Average Yearly Budget	\$69,000
Percentage of Budget due to Fundraising	10%
Average # of Total Responses	85
Percentage of total responses which are:	
<i>medical</i>	----
<i>fire</i>	100%
<i>inside city</i>	67%
<i>outside city</i>	33%
Average # of Personnel (per department)	25
<i>males</i>	25
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	100%
Personnel certified Firefighter I (in county - as reported)	6
Personnel certified EMT (in county - as reported)	2
Summary of Services Offered:	
firefighting fire prevention fire inspection public safety education emergency extrication hazard materials response (some departments charge for this service) helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid automatic response contracts 28 E agencies	

PALO ALTO COUNTY

Number of Fire Departments in county	8
Representation in Sample	100%
Average Fire District Population	under 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$17,333
Percentage of Budget due to Fundraising	11%
Average # of Total Responses	10
Percentage of total responses which are:	
<i>medical</i>	52%
<i>fire</i>	48%
<i>inside city</i>	36%
<i>outside city</i>	64%
Average # of Personnel (per department)	19
<i>males</i>	18
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	100%
Personnel certified Firefighter I (in county - as reported)	8
Personnel certified EMT (in county - as reported)	none
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical nontransportation	
emergency extrication	
water rescue	
hazard materials response	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
contracts	
28 E agencies	

PLYMOUTH COUNTY

Number of Fire Departments in county	8
Representation in Sample	100%
Average Fire District Population	under 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$11,625
Percentage of Budget due to Fundraising	25%
Average # of Total Responses	34
Percentage of total responses which are:	
<i>medical</i>	40%
<i>fire</i>	60%
<i>inside city</i>	23%
<i>outside city</i>	77%
Average # of Personnel (per department)	23
<i>males</i>	20
<i>females</i>	3
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	none
Personnel certified EMT (in county - as reported)	3
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical transportation	
emergency medical nontransportation	
emergency extrication	
hazard materials response	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
contracts	

POCAHONTAS COUNTY

Number of Fire Departments in county	8
Representation in Sample	100%
Average Fire District Population	500 to 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$16,000
Percentage of Budget due to Fundraising	8%
Average # of Total Responses	12
Percentage of total responses which are:	
<i>medical</i>	32%
<i>fire</i>	68%
<i>inside city</i>	28%
<i>outside city</i>	72%
Average # of Personnel (per department)	19
<i>males</i>	19
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	67%
Personnel certified Firefighter I (in county - as reported)	14
Personnel certified EMT (in county - as reported)	3
Summary of Services Offered:	
firefighting fire prevention fire inspection public safety education emergency rescue (some departments charge for this service) emergency medical nontransportation (some departments charge for this service) emergency extrication hazard materials response helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid joint training automatic response insurance purchases equipment purchases tiered response contracts	

POLK COUNTY (not including career department)

Number of Fire Departments in county	19
Representation in Sample	63%
Average Fire District Population	varies
Description of Fire Departments	all, mainly & partially volunteer, all career
Average Yearly Budget	\$436,000
Percentage of Budget due to Fundraising	1%
Average # of Total Responses	667
Percentage of total responses which are:	
<i>medical</i>	74%
<i>fire</i>	26%
<i>inside city</i>	92%
<i>outside city</i>	8%
Average # of Personnel (per department)	44
<i>males</i>	39
<i>females</i>	5
Percentage of Departments that Compensate Volunteers	80%
Personnel certified Firefighter I (in county - as reported)	77
Personnel certified EMT (in county - as reported)	121
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection (some departments charge for this service)	
public safety education	
emergency rescue (some departments charge for this service)	
emergency medical transportation (some departments charge for this service)	
emergency medical nontransportation (some departments charge for this service)	
emergency extrication (some departments charge for this service)	
water rescue (some departments charge for this service)	
hazard materials response (some departments charge for this service)	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid & joint training	
automatic response	
equipment purchases	
tiered response	
contracts & 28 E agencies	

POTTAWATTAMIE COUNTY

Number of Fire Departments in county	15
Representation in Sample	80%
Average Fire District Population	500 to 2,500 (one at over 50,000)
Description of Fire Departments	all volunteer, all career
Average Yearly Budget	\$15,000 (not including career dept.)
Percentage of Budget due to Fundraising	60%
Average # of Total Responses	75 (volunteer dept. only)
Percentage of total responses which are:	
<i>medical</i>	72%
<i>fire</i>	28%
<i>inside city</i>	50%
<i>outside city</i>	50%
Average # of Personnel (per department)	43
<i>males</i>	41
<i>females</i>	2
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	35
Personnel certified EMT (in county - as reported)	49
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection (some departments charge for this service)	
public safety education	
emergency rescue (some departments charge for this service)	
emergency medical transportation (some departments charge for this service)	
emergency medical nontransportation (some departments charge for this service)	
emergency extrication (some departments charge for this service)	
water rescue	
hazard materials response (some departments charge for this service)	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid & joint training	
automatic response	
equipment purchases	
contracts & 28 E agencies	

POWESHIEK COUNTY

Number of Fire Departments in county	7
Representation in Sample	100%
Average Fire District Population	500 to 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$15,500
Percentage of Budget due to Fundraising	63%
Average # of Total Responses	50
Percentage of total responses which are:	
<i>medical</i>	32%
<i>fire</i>	68%
<i>inside city</i>	24%
<i>outside city</i>	76%
Average # of Personnel (per department)	23
<i>males</i>	23
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	2
Personnel certified EMT (in county - as reported)	5
Summary of Services Offered:	
firefighting fire prevention fire inspection public safety education emergency rescue emergency medical transportation emergency medical nontransportation emergency extrication water rescue hazard materials response helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid automatic response contracts 28 E agencies	

RINGGOLD COUNTY

Number of Fire Departments in county	5
Representation in Sample	100%
Average Fire District Population	500 to 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$10,000
Percentage of Budget due to Fundraising	3%
Average # of Total Responses	13
Percentage of total responses which are:	
<i>medical</i>	----
<i>fire</i>	100%
<i>inside city</i>	38%
<i>outside city</i>	62%
Average # of Personnel (per department)	16
<i>males</i>	15
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	50%
Personnel certified Firefighter I (in county - as reported)	none
Personnel certified EMT (in county - as reported)	none
Summary of Services Offered:	
firefighting	
public safety education	
emergency rescue	
water rescue	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
contracts	

SAC COUNTY

Number of Fire Departments in county	9
Representation in Sample	100%
Average Fire District Population	500 to 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$26,000
Percentage of Budget due to Fundraising	3%
Average # of Total Responses	32
Percentage of total responses which are:	
<i>medical</i>	42%
<i>fire</i>	58%
<i>inside city</i>	42%
<i>outside city</i>	58%
Average # of Personnel (per department)	28
<i>males</i>	28
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	6
Personnel certified EMT (in county - as reported)	7
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical nontransportation	
emergency extrication	
hazard materials response	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
contracts	

SCOTT COUNTY

Number of Fire Departments in county	15
Representation in Sample	80%
Average Fire District Population	under 10,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$56,550
Percentage of Budget due to Fundraising	5%
Average # of Total Responses	172
Percentage of total responses which are:	
<i>medical</i>	72%
<i>fire</i>	28%
<i>inside city</i>	67%
<i>outside city</i>	33%
Average # of Personnel (per department)	27
<i>males</i>	25
<i>females</i>	2
Percentage of Departments that Compensate Volunteers	25%
Personnel certified Firefighter I (in county - as reported)	51
Personnel certified EMT (in county - as reported)	48
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical nontransportation	
emergency extrication	
water rescue	
hazard materials response	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
equipment purchases	
tiered response	
contracts	
28 E agencies	

SHELBY COUNTY

Number of Fire Departments in county	10
Representation in Sample	100%
Average Fire District Population	500 to 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$21,284
Percentage of Budget due to Fundraising	33%
Average # of Total Responses	70
Percentage of total responses which are:	
<i>medical</i>	83%
<i>fire</i>	17%
<i>inside city</i>	40%
<i>outside city</i>	60%
Average # of Personnel (per department)	27
<i>males</i>	24
<i>females</i>	3
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	16
Personnel certified EMT (in county - as reported)	29
Summary of Services Offered:	
firefighting fire prevention fire inspection public safety education emergency rescue (some departments charge for this service) emergency medical transportation (some departments charge for this service) emergency medical nontransportation (some departments charge for this service) emergency extrication (some departments charge for this service) water rescue hazard materials response (some departments charge for this service) helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid automatic response tiered response contracts	

SIOUX COUNTY

Number of Fire Departments in county	12
Representation in Sample	100%
Average Fire District Population	under 10,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$29,097
Percentage of Budget due to Fundraising	11%
Average # of Total Responses	43
Percentage of total responses which are:	
<i>medical</i>	50%
<i>fire</i>	50%
<i>inside city</i>	54%
<i>outside city</i>	46%
Average # of Personnel (per department)	29
<i>males</i>	27
<i>females</i>	2
Percentage of Departments that Compensate Volunteers	50%
Personnel certified Firefighter I (in county - as reported)	72
Personnel certified EMT (in county - as reported)	15
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue (some departments charge for this service)	
emergency medical transportation (some departments charge for this service)	
emergency medical nontransportation (some departments charge for this service)	
emergency extrication (some departments charge for this service)	
water rescue (some departments charge for this service)	
hazard materials response	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid & joint training	
automatic response	
insurance purchases & equipment purchases	
tiered response	
contracts & 28 E agencies	

STORY COUNTY

Number of Fire Departments in county	15
Representation in Sample	100%
Average Fire District Population	varies
Description of Fire Departments	all volunteer; mainly volunteer; all career
Average Yearly Budget	\$20,001 to \$35,000
Percentage of Budget due to Fundraising	8%
Average # of Total Responses	315
Percentage of total responses which are:	
<i>medical</i>	39%
<i>fire</i>	61%
<i>inside city</i>	44%
<i>outside city</i>	56%
Average # of Personnel (per department)	30
<i>males</i>	27
<i>females</i>	3
Percentage of Departments that Compensate Volunteers	40%
Personnel certified Firefighter I (in county - as reported)	56
Personnel certified EMT (in county - as reported)	28
Summary of Services Offered:	
firefighting fire prevention fire inspection public safety education emergency rescue emergency medical transportation emergency medical nontransportation emergency extrication water rescue hazard materials response (some departments charge for this service) helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid & joint training automatic response equipment purchases tiered response contracts & 28 E agencies	

TAMA COUNTY

Number of Fire Departments in county	12
Representation in Sample	75%
Average Fire District Population	under 7,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$23,333
Percentage of Budget due to Fundraising	13%
Average # of Total Responses	65
Percentage of total responses which are:	
<i>medical</i>	33%
<i>fire</i>	67%
<i>inside city</i>	23%
<i>outside city</i>	77%
Average # of Personnel (per department)	26
<i>males</i>	26
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	67%
Personnel certified Firefighter I (in county - as reported)	24
Personnel certified EMT (in county - as reported)	43
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical transportation (some departments charge for this service)	
emergency medical nontransportation	
emergency extrication	
water rescue	
hazard materials response (some departments charge for this service)	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
tiered response	
contracts & 28 E agencies	

TAYLOR COUNTY

Number of Fire Departments in county	8
Representation in Sample	100%
Average Fire District Population	under 5,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$9,750
Percentage of Budget due to Fundraising	4%
Average # of Total Responses	21
Percentage of total responses which are:	
<i>medical</i>	40%
<i>fire</i>	60%
<i>inside city</i>	29%
<i>outside city</i>	71%
Average # of Personnel (per department)	20
<i>males</i>	20
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	100%
Personnel certified Firefighter I (in county - as reported)	18
Personnel certified EMT (in county - as reported)	4
Summary of Services Offered:	
firefighting fire prevention fire inspection public safety education emergency rescue emergency medical transportation emergency medical nontransportation emergency extrication water rescue hazard materials response helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid & joint training automatic response insurance purchases & equipment purchases tiered response contracts	

UNION COUNTY

Number of Fire Departments in county	4
Representation in Sample	100%
Average Fire District Population	7,500 to 10,000
Description of Fire Departments	partially volunteer
Average Yearly Budget	\$202,500
Percentage of Budget due to Fundraising	1%
Average # of Total Responses	204
Percentage of total responses which are:	
<i>medical</i>	4%
<i>fire</i>	96%
<i>inside city</i>	92%
<i>outside city</i>	8%
Average # of Personnel (per department)	27
<i>males</i>	27
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	100%
Personnel certified Firefighter I (in county - as reported)	12
Personnel certified EMT (in county - as reported)	2
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency extrication	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
contracts	

VAN BUREN COUNTY

Number of Fire Departments in county	8
Representation in Sample	100%
Average Fire District Population	under 7,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$9,733
Percentage of Budget due to Fundraising	25%
Average # of Total Responses	40
Percentage of total responses which are:	
<i>medical</i>	----
<i>fire</i>	100%
<i>inside city</i>	23%
<i>outside city</i>	77%
Average # of Personnel (per department)	19
<i>males</i>	19
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	none
Personnel certified EMT (in county - as reported)	none
Summary of Services Offered:	
firefighting (some departments charge for this service)	
fire prevention (some departments charge for this service)	
fire inspection	
public safety education (some departments charge for this service)	
emergency rescue	
hazard materials response	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
equipment purchases	
contracts	
28 E agencies	

WAPELLO COUNTY

Number of Fire Departments in county	6
Representation in Sample	100%
Average Fire District Population	500 to 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$12,530
Percentage of Budget due to Fundraising	3%
Average # of Total Responses	48
Percentage of total responses which are:	
<i>medical</i>	70%
<i>fire</i>	30%
<i>inside city</i>	37%
<i>outside city</i>	63%
Average # of Personnel (per department)	18
<i>males</i>	15
<i>females</i>	3
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	13
Personnel certified EMT (in county - as reported)	18
Summary of Services Offered:	
firefighting (some departments charge for this service)	
fire prevention	
fire inspection	
public safety education	
emergency rescue (some departments charge for this service)	
emergency medical transportation (some departments charge for this service)	
emergency medical nontransportation (some departments charge for this service)	
emergency extrication (some departments charge for this service)	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
contracts	
28 e agencies	

WARREN COUNTY

Number of Fire Departments in county	9
Representation in Sample	67%
Average Fire District Population	under 7,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$59,500
Percentage of Budget due to Fundraising	none
Average # of Total Responses	188
Percentage of total responses which are:	
<i>medical</i>	40%
<i>fire</i>	60%
<i>inside city</i>	14%
<i>outside city</i>	86%
Average # of Personnel (per department)	28
<i>males</i>	25
<i>females</i>	3
Percentage of Departments that Compensate Volunteers	50%
Personnel certified Firefighter I (in county - as reported)	3
Personnel certified EMT (in county - as reported)	32
Summary of Services Offered:	
firefighting fire prevention fire inspection public safety education emergency rescue emergency medical transportation (some departments charge for this service) emergency medical nontransportation emergency extrication water rescue (some departments charge for this service) hazard materials response helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid joint training automatic response tiered response contracts & 28 E agencies	

WASHINGTON COUNTY

Number of Fire Departments in county	7
Representation in Sample	100%
Average Fire District Population	500 to 2,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$27,950
Percentage of Budget due to Fundraising	10%
Average # of Total Responses	40
Percentage of total responses which are:	
<i>medical</i>	20%
<i>fire</i>	80%
<i>inside city</i>	19%
<i>outside city</i>	81%
Average # of Personnel (per department)	29
<i>males</i>	26
<i>females</i>	3
Percentage of Departments that Compensate Volunteers	33%
Personnel certified Firefighter I (in county - as reported)	4
Personnel certified EMT (in county - as reported)	2
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical nontransportation	
emergency extrication	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
contracts	
28 E agencies	

WAYNE COUNTY

Number of Fire Departments in county	6
Representation in Sample	100%
Average Fire District Population	under 5,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$11,500
Percentage of Budget due to Fundraising	11%
Average # of Total Responses	30
Percentage of total responses which are:	
<i>medical</i>	----
<i>fire</i>	100%
<i>inside city</i>	23%
<i>outside city</i>	77%
Average # of Personnel (per department)	25
<i>males</i>	25
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	none
Personnel certified EMT (in county - as reported)	2
Summary of Services Offered:	
firefighting fire prevention fire inspection public safety education emergency rescue emergency medical nontransportation emergency extrication water rescue hazard materials response helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid joint training equipment purchases tiered response contracts	

WEBSTER COUNTY

Number of Fire Departments in county	13
Representation in Sample	100%
Average Fire District Population	under 5,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$17,058
Percentage of Budget due to Fundraising	5%
Average # of Total Responses	38
Percentage of total responses which are:	
<i>medical</i>	76%
<i>fire</i>	24%
<i>inside city</i>	49%
<i>outside city</i>	51%
Average # of Personnel (per department)	17
<i>males</i>	15
<i>females</i>	2
Percentage of Departments that Compensate Volunteers	100%
Personnel certified Firefighter I (in county - as reported)	17
Personnel certified EMT (in county - as reported)	12
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical nontransportation	
emergency extrication	
water rescue	
hazard materials response (some departments charge for this service)	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
automatic response	
equipment purchases	
tiered response	
contracts	
28 E agencies	

WINNEBAGO COUNTY

Number of Fire Departments in county	6
Representation in Sample	100%
Average Fire District Population	under 7,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$43,166
Percentage of Budget due to Fundraising	17%
Average # of Total Responses	35
Percentage of total responses which are:	
<i>medical</i>	16%
<i>fire</i>	84%
<i>inside city</i>	20%
<i>outside city</i>	80%
Average # of Personnel (per department)	18
<i>males</i>	18
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	33%
Personnel certified Firefighter I (in county - as reported)	14
Personnel certified EMT (in county - as reported)	3
Summary of Services Offered: firefighting (some departments charge for this service) fire prevention fire inspection public safety education emergency rescue emergency medical transportation emergency medical nontransportation emergency extrication water rescue hazard materials response (some departments charge for this service)	
Types of Service Sharing Currently Utilized in County: mutual aid joint training tiered response contracts 28 E agencies	

WINNESHIEK COUNTY

Number of Fire Departments in county	7
Representation in Sample	100%
Average Fire District Population	under 7,500
Description of Fire Departments	all volunteer
Average Yearly Budget	\$12,500
Percentage of Budget due to Fundraising	58%
Average # of Total Responses	27
Percentage of total responses which are:	
<i>medical</i>	20%
<i>fire</i>	80%
<i>inside city</i>	16%
<i>outside city</i>	84%
Average # of Personnel (per department)	24
<i>males</i>	24
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	50%
Personnel certified Firefighter I (in county - as reported)	11
Personnel certified EMT (in county - as reported)	4
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical nontransportation	
emergency extrication	
water rescue	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
equipment purchases	
tiered response	
contracts	
28 E agencies	

WOODBURY COUNTY

Number of Fire Departments in county	16
Representation in Sample	33%
Fire District Population	varies
Description of Fire Departments	all volunteer; all career
Average Yearly Budget	\$10 - 15,000; \$60,000+
Percentage of Budget due to Fundraising	none
Average # of Total Responses	all volunteer - 72; all career - 5,100
Percentage of total responses which are:	
<i>medical</i>	72%
<i>fire</i>	28%
<i>inside city</i>	51%
<i>outside city</i>	49%
Average # of Personnel (per department)	69
<i>males</i>	65
<i>females</i>	4
Percentage of Departments that Compensate Volunteers	none
Personnel certified Firefighter I (in county - as reported)	10
Personnel certified EMT (in county - as reported)	105
Summary of Services Offered:	
firefighting	
fire prevention (some departments charge for this service)	
fire inspection	
public safety education	
emergency rescue	
emergency medical transportation (some departments charge for this service)	
emergency medical nontransportation	
emergency extrication	
water rescue	
hazard materials response	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
joint training	
automatic response	
tiered response	
contracts & 28 E agencies	

WORTH COUNTY

Number of Fire Departments in county	7
Representation in Sample	100%
Average Fire District Population	under 5,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$20,000
Percentage of Budget due to Fundraising	55%
Average # of Total Responses	161
Percentage of total responses which are:	
<i>medical</i>	79%
<i>fire</i>	21%
<i>inside city</i>	53%
<i>outside city</i>	47%
Average # of Personnel (per department)	19
<i>males</i>	19
<i>females</i>	----
Percentage of Departments that Compensate Volunteers	50%
Personnel certified Firefighter I (in county - as reported)	15
Personnel certified EMT (in county - as reported)	3
Summary of Services Offered:	
firefighting	
fire prevention	
fire inspection	
public safety education	
emergency rescue	
emergency medical nontransportation	
emergency extrication	
hazard materials response	
helicopter landing zone support	
Types of Service Sharing Currently Utilized in County:	
mutual aid	
automatic response	
contracts	
28 E agencies	

WRIGHT COUNTY

Number of Fire Departments in county	9
Representation in Sample	67%
Average Fire District Population	under 5,000
Description of Fire Departments	all volunteer
Average Yearly Budget	\$3,500
Percentage of Budget due to Fundraising	75%
Average # of Total Responses	28
Percentage of total responses which are:	
<i>medical</i>	33%
<i>fire</i>	67%
<i>inside city</i>	35%
<i>outside city</i>	65%
Average # of Personnel (per department)	16
<i>males</i>	15
<i>females</i>	1
Percentage of Departments that Compensate Volunteers	100%
Personnel certified Firefighter I (in county - as reported)	20
Personnel certified EMT (in county - as reported)	2
Summary of Services Offered:	
firefighting fire prevention fire inspection public safety education emergency rescue emergency medical nontransportation emergency extrication water rescue hazard materials response	
Types of Service Sharing Currently Utilized in County:	
mutual aid joint training equipment purchases contracts	

APPENDIX TWO**STATEWIDE FIRE DEPARTMENT SURVEY****FIRST, WE WOULD LIKE TO ASK YOU A FEW QUESTIONS ABOUT YOUR FIRE DEPARTMENT.**

1. What is the population of the city or township in which your fire department is located? (circle correct response)
 - 1 UNDER 500
 - 2 500 TO 2500
 - 3 2500 TO 5000
 - 4 5000 TO 7500
 - 5 7500 TO 10,000
 - 6 10,000 TO 15,000
 - 7 15,000 TO 25,000
 - 8 25,000 TO 50,000
 - 9 OVER 50,000

2. What is the population base of your entire fire district area? (circle correct response)
 - 1 UNDER 500
 - 2 500 TO 2500
 - 3 2500 TO 5000
 - 4 5000 TO 7500
 - 5 7500 TO 10,000
 - 6 10,000 TO 15,000
 - 7 15,000 TO 25,000
 - 8 25,000 TO 50,000
 - 9 OVER 50,000

3. Please circle the description that best fits your fire department?
 - 1 ALL VOLUNTEER FIRE DEPARTMENT
 - 2 MAINLY VOLUNTEER WITH A FULL TIME FIRE CHIEF
 - 3 PARTIALLY VOLUNTEER WITH A FEW PAID STAFF
 - 4 ALL PERSONNEL ARE CAREER

4. What is your total yearly budget (please include income from all sources)?

\$ _____

5. What percentage of the above amount can be attributed to fund raising (i.e. pancake dinners, donations, etc)? _____%
6. Overall, how many calls has your department responded to over the last year?

_____#

7. Please estimate how many of the above calls were urban or rural?

_____# within city limits _____# outside city limits

8. Estimate how many of your overall calls were fire related and how many were emergency/medical calls?

_____# fire _____# medical

9. Please fill in the number of people you have working in your fire department for each of the below categories:

volunteers #	paid part time #	paid full time #
Males _____	Males _____	Males _____
Females _____	Females _____	Females _____

10. If you are mainly a volunteer fire department, do you compensate your fire fighters financially in any way? (circle correct response)

0 YES

1 NO

If yes, please tell us how you compensate your volunteers:

\$ _____ per call \$ _____ per month other? _____

11. To gain a better understanding of your department's personnel, please indicate the number of people certified in the following areas:

#	CERTIFIED	#	CERTIFIED
_____	Firefighter I	_____	Firefighter II
_____	Instructor I	_____	Instructor II
_____	Inspector I	_____	Driver/Operator
_____	Emt-A	_____	Emt-I
_____	Emt-D	_____	Emt-P
_____	First Responder	_____	First Responder-D

12. Next we would like to know the nature and number of the vehicles operated by your department. Please fill in the below chart with the number and age of each item:

#	VEHICLE/S:	AGE/S IN YEARS:
	Tankers	
	Pumpers	
	Pumper/tankers	
	Ladder trucks or support vehicles	
	Rescue truck	
	Chief's vehicles	
	Attack vehicle	
	Ambulances	
	Others? (please list)	

13. Now we would like to know about the services provided by your fire department. Using an "X", would you please complete the following chart:

		DO YOU CHARGE A FEE* FOR THESE SERVICES?		
YES	NO	SERVICE	YES	NO
		Fire Fighting		
		Fire Prevention		
		Fire Inspection		
		Public Safety & Education		
		Emergency Rescue		
		Emergency Medical Transportation (ambulance)		
		Emergency Medical Non-Transport		
		Emergency Extrication		
		Water Rescue		
		Hazard Materials Response		
		Helicopter Landing Zone Support		

***Please attach a copy of your fee structure**

AN IMPORTANT PART OF THIS STUDY IS TO GATHER A BETTER UNDERSTANDING OF THE WAYS IN WHICH IOWA FIRE DEPARTMENTS ARE SHARING SERVICES. YOUR COOPERATION IN THIS EFFORT WILL ALLOW US TO BETTER SERVE THE VARIOUS FIRE DEPARTMENTS THROUGHOUT THE STATE.

14. Using the chart below, please indicate (with an "X") which type of sharing you have in place for each of the services you offer your community.

TYPE OF SHARING

SERVICE	Mutual Aid	Joint Training	Automatic Response	Insurance Purchases	Equipmt Purchases	Tiered+ Response	Contracts	28E *
Fire Fighting								
Fire Prevention								
Fire Inspection								
Public Fire Safety Education								
Emergency Medical Transport (ambulance)								
Emergency Medical Non-Transport								
Paramedics								
Emergency Extrication & Rescue (nonmedical)								
Water Rescue								
Hazardous Materials Response								
Helicopter Landing Zone Support								

+Tiered response is a system in which minimum response is made from the community with greater response automatically dispatched from outside the community.

*A 28E Agency is a formal contract made between government agencies to create a third governing body. If you aren't certain your department is functioning under this type of contract, please ask your city officials.

APPENDIX THREE

STATEWIDE VOLUNTEER FIREFIGHTER/EMS SURVEY

FIRST, WE WOULD LIKE TO ASK A FEW BACKGROUND QUESTIONS

1. Year of Birth: 19____
2. Gender: 1 Female 2 Male
3. Are you married? 0 YES If yes, how many years? _____
1 NO
4. Have you ever been divorced?
0 YES.....how many times have you been married? _____
1 NO
5. Do you have any children? 0 YES If yes, how many? _____
1 NO
6. If you have children, which of the below category best describes their ages?
 - 1 UNDER AGE FIVE
 - 2 FIVE TO SEVENTEEN
 - 3 UNDER EIGHTEEN
 - 4 EIGHTEEN OR OLDER
 - 5 ADULTS AND CHILDREN
7. What is your highest level of education?
 - 1 SOME HIGH SCHOOL
 - 2 HIGH SCHOOL DIPLOMA OR GED
 - 3 SOME COLLEGE OR AA DEGREE
 - 4 BACHELOR DEGREE
 - 5 OTHER_____

8. What is your employment status? Length of employment
- | | |
|--------------|-----------------|
| 1 UNEMPLOYED | 1 1-3 YEARS |
| 2 PART-TIME | 2 4-5 YEARS |
| 3 FULL-TIME | 3 6-10 YEARS |
| 4 TEMPORARY | 4 10-15 YEARS |
| 5 RETIRED | 5 OVER 15 YEARS |

9. State your employment or occupation _____.

10. Please state your household income:
- | |
|-----------------|
| 1 \$0 - 10,000 |
| 2 \$10 - 20,000 |
| 3 \$20 - 30,000 |
| 4 \$30 - 40,000 |
| 5 \$40 - 50,000 |
| 6 over \$50,000 |

NEXT, WE WOULD LIKE TO KNOW MORE INFORMATION ABOUT YOU AS A VOLUNTEER FIREFIGHTER/EMT AND ABOUT THE DEPARTMENT WHERE YOU SERVE. (Fill in the blanks. circle your answer on the multiple-choice questions.)

11. Which description best describes the fire district your department serves?
 1 DECLINING POPULATION 2 INCREASING POPULATION

12. Please indicate the areas in which you are certified:
- | | |
|-----------------------|------------------|
| _____ FIREFIGHTER | _____ INSTRUCTOR |
| _____ DRIVER/OPERATOR | _____ EMT |

13. Years served as a volunteer firefighter: _____

14. How many years will you continue to serve as a volunteer firefighter?

15. Average hours a week you spend on fire department related activities? _____

16. Are there any other firefighters in your family and extended family?
0 YES 1 NO

If yes, how many? _____ Who are they? _____

17. Do you volunteer for any other organizations? 0 YES 1 NO
If yes, what are they? _____

18. What types of service oriented groups did you belong to as a child?
1 NONE
2 BOY/GIRL SCOUTS
3 4-H
4 CHURCH RELATED ACTIVITIES
5 CAMPFIRE BOYS/GIRLS
6 HOSPITAL/NURSING HOME
7 OTHER _____

AN IMPORTANT PART OF THIS STUDY IS TO GAIN SOME INSIGHT INTO YOUR PERCEPTIONS AS A VOLUNTEER. YOUR COOPERATION IN THIS EFFORT WILL ALLOW US TO BETTER SERVE THE VARIOUS FIRE DEPARTMENTS THROUGHOUT THE STATE.

Please respond to the questions below using the following scale:

1	2	3	4	5	6
strongly agree		agree	disagree		strongly disagree

- 1 2 3 4 5 6 My overall experience as a volunteer firefighter has been positive.
1 2 3 4 5 6 I feel the community respects the work we do as firefighters.
1 2 3 4 5 6 Firefighter duties interfere with family responsibilities.
1 2 3 4 5 6 Many of my friends also serve on the fire department.
1 2 3 4 5 6 The average citizen does not appreciate my work as a fire fighter.
1 2 3 4 5 6 The community expects us to be there when they need us.
1 2 3 4 5 6 Compared to other fire departments in the area, my department ranks as one of the best.
1 2 3 4 5 6 I would be a better firefighter if I were paid or if I were paid more.
1 2 3 4 5 6 This department could benefit from more cooperation with other departments.

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