

Running head: COLLECTIVE INTELLIGENCE IN EMERGENCY MANAGEMENT:
SOCIAL MEDIA'S ROLE IN THE EMERGENCY OPERATIONS CENTER

Collective Intelligence in Emergency Management: Social Media's Emerging Role in the
Emergency Operations Center

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CERTIFICATION STATEMENT

I hereby certify that this paper constitutes my own product, that where the language of others is set forth, quotation marks so indicate, and that appropriate credit is given where I have used the language, ideas, expressions, or writings of another.

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ABSTRACT

The problem was that the Novato Fire District did not utilize social media technology to gather or share intelligence during Emergency Operations Center activations. The purpose of this applied research project was to recommend a social media usage program for the Novato Fire District's Emergency Operations Center. Descriptive methodology, literature review, two personal communications and a statistical sampling of fire agencies utilizing facebook supported the research questions. The research questions included what were collective intelligence and social media; how was social media used by individuals and organizations during events and disasters; how many fire agencies maintained a facebook page and used them to distribute emergency information; and which emergency management social media programs should be recommended for the Novato Fire District's Emergency Operations Center. The procedures included two data collection experiments, one a statistical sampling of United States fire agencies using facebook, to support the literature review and research questions. This research is one of the first Executive Fire Officer Applied Research Projects that addressed this emerging subject. The results found the public has a sociological need to gather and share information, a desire to help after a disaster, increased public accessibility to social media technology and an expectation that government agencies provide information. The results also found few fire agencies maintained a facebook presence and even fewer distributed post-disaster information. These results supported the recommendation to adopt a social media program for the Novato Fire District's Emergency Operations Center.

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INTRODUCTION

The problem is that the Novato Fire District (NFD) does not utilize social media technology to gather or share intelligence during Emergency Operations Center (EOC) activations, which could cause unnecessary loss of life or increased injury, damage and suffering to community members and rescuers. The absence of a social media program could create scenarios where the EOC does not understand the magnitude of the emergency or disaster. The EOC could be unaware of emerging or expanding incidents; could conduct an inaccurate damage assessment; or create a sequence of events where emergency managers incorrectly select strategic priorities. The EOC could also be unable to provide critical or accurate information to the community through traditional media channels such as television or radio. Not doing so could create unnecessary risk to the community and its rescuers; create unanticipated challenges due to inaccurate damage assessment causing an improper response resulting in financial harm to the NFD, increase the workload of the EOC and ultimately a decline in public opinion and trust of the NFD. The purpose of this applied research project is to recommend a social media usage program for the NFD's EOC. This research paper uses descriptive methodology to answer the following questions, what is collective intelligence and social media; how is social media used by individuals and organizations during events and disasters; how many fire agencies maintain a facebook page and use them to distribute emergency information; and which emergency management social media programs should be recommended for the NFD's EOC. Literature review, two personal communications and two data collection experiments, one a statistical sampling of United States (US) fire agencies using facebook, support the research and recommendation to adopt a social media program for the NFD EOC.

BACKGROUND AND SIGNIFICANCE

The background to this study is that the NFD is a special district formed in 1926 pursuant to the California Fire Protection District Law. The District's legal authority and responsibilities are contained in the State of California Health and Safety Code under the Fire Protection District Law of 1987. Five elected directors govern the NFD. The NFD provides all risk fire suppression, emergency medical service including paramedic ambulance transportation, basic and advanced rescue, hazardous materials response, emergency management, risk reduction, fire inspection, plans review, public education, and fire investigation services to approximately 65,000 people and a business hours service population estimated at 77,000 people. The Insurance Service Office (ISO) rates the NFD as a three in hydrant supplied areas and a nine in non-hydrant supplied rural areas. Located in Marin County, 20 miles north of San Francisco, the NFD encompasses 71 square miles that includes the City of Novato, a 23 square mile general-purpose governmental entity incorporated in 1960. The NFD is primarily a residential community with a variety of business including retail and light industrial and a redeveloped former US Air Force Base. Over 50 percent of the land in the NFD are undeveloped areas including farms, ranches, marshes and open spaces of seasonal grass and oak woodlands. A significant portion of the NFD is part of the coastal range foothills and restricted from development by permanent open space regulations. The NFD employs 83 career members including 65 suppression shift personnel, 8 staff and command chief officers and 10 non-sworn civilian personnel. A minimum daily staffing of 20 suppression shift personnel staff five paramedic engine companies, two transport paramedic ambulance companies, one truck company and one shift battalion chief officer.

The NFD became an internationally accredited fire agency by the Center for Fire Accreditation International (CFAI) in August 2009. The CFAI is an independent organization

who assists fire and emergency service agencies around the world to achieve organizational and professional excellence through a strategic self-assessment model and accreditation process. The outcome is to provide continuous quality improvement and enhancement of service delivery to the community. After the NFD completed a detailed self-assessment process, the CFAI measured the NFD on 244 performance indicators prior to recommending accreditation. A performance indicator is the designated level of accomplishment in relationship to a benchmark and the ability of the agency to demonstrate those specific tasks.

The NFD is at risk for natural and manmade disasters and emergencies including seasonal flooding, wildland urban interface (WUI) fires and earthquakes. Manmade incidents include hazardous materials emergencies, primarily transportation-related emergencies, as one US Highway and one State Highway divides the NFD into four quadrants and serves as the hub for population concentration and community development. These natural or manmade disasters require support from an EOC.

The San Pablo Bay and the Petaluma River form the eastern border of the NFD. Several seasonal and year-round urban and small streams bisect residential and commercial sections of the NFD and drain the coastal foothills watershed into the San Pablo Bay. These streams are subject to tidal influences, and during large winter rain events, they occasionally overrun their banks, and flood low-lying neighborhoods. The Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps have identified significant portions of the NFD as moderate to high risk for flooding. By FEMA's definition, these communities have a one percent or greater chance of shallow flooding each year, usually in the form of sheet flow where water seeks a path to a channel by flowing overland with an average depth of two feet. These moderate to high risk areas have a 26 percent chance of flooding over the life of a 30-year mortgage (Federal

Emergency Management Agency [FEMA], 2009). Elevations of these neighborhoods range from five to 20 feet above sea level.

Designated WUI areas comprise the southern, western and northern boundaries. The WUI is a geographical area where structures and other human development meets or intermingles with wildland or vegetative fuels (California Department of Forestry and Fire Protection, Fire and Resource Assessment Program, 2004). The WUI comprises 17.6 square miles or approximately 25 percent of the NFD. Over 27,000 residents occupy residential structures in the designated WUI or approximately 42 percent of the population of the NFD. Wildland fires typically occur in the NFD from May 1 to November 15. Wildland fires occurring in the WUI designated areas account for 92 percent of the wildland fires in the NFD from 1999 to 2010. The NFD has experienced WUI fires that have transitioned from the wildland to structures, notably the Michelle Circle Fire of August 23, 2002, that destroyed three residential structures and damaged eleven others, and the Hidden Oaks Fire of September 17, 2000, that destroyed one residential structure and damaged three others. No lives were lost, but several firefighters were injured, one seriously. The fire damage from these two fires approached five million dollars.

The community of Novato is located among seismically active fault zones in the San Francisco Bay Area of Northern California. Three fault zones lie within ten miles of Novato, including the Rogers Creek, Hayward and the San Andreas Fault zones. The United States Geological Survey (USGS) released a San Francisco Bay Region Probability report in April 2008, which calculated a 63 percent probability of a magnitude 6.7 or greater magnitude earthquake in the region before the year 2036 (United States Geological Survey [USGS], 2008). A magnitude 6.7 earthquake could render 155,000 homes uninhabitable and force 360,000

people from their homes in the Bay Area (Association of Bay Area Governments [ABAG], 2003).

Hazardous materials are routinely transported throughout the community, primarily along U.S. Highway 101 and State Highway 37 and in buried underground pipelines. The NFD has experienced a significant hazardous materials emergency at the intersection of these roads. Specifically, on the morning of July 14, 1999, a traffic accident occurred involving a tractor-trailer carrying two incompatible chemicals. The truck overturned, and the chemicals mixed and reacted. This caused a lingering vapor cloud to form that threatened to envelop sections of highway that became impassable due to stranded motorists. Several hundred motorists were trapped on the highway in their cars in mid-July. The vapor cloud then traveled downwind towards a residential community and shelter-in-place orders were broadcast through the available radio and television media outlets. Two buried high-pressure natural gas transmission pipelines, one 16 inches in diameter and one 14 inches in diameter cross through the NFD generally along U.S. Highway 101. In a September 24, 2010 information release, Pacific Gas and Electric, the utility serving Novato and Northern California, identified three segments of pipelines in Novato as in the top 100 for repair due to age, design characteristics and potential pipe corrosion (Pacific Gas & Electric, 2010).

On July 25, 2006, the NFD entered into a memorandum of understanding (MOU) with the City of Novato to operate an EOC program and facility in the NFD's Administration and Command Center. Prior to the MOU, each entity had independently operated separate EOCs. Both entities have established joint training and shared EOC staffing responsibilities. Since the MOU agreement, the joint EOC has activated to support six community emergencies, all winter storms.

In one winter storm of December 31, 2005, dozens of community members and rescuers experienced a near miss when during an emergency evacuation in the pre-dawn hours, large mud and debris flows trapped these people. The storm had blocked a seasonal creek with debris when large sections of the hillside slid through homes, streets and inundated the neighborhood with three feet of mud and debris. EOC staff did not know the severity of the situation prior to sending firefighters and police offices into this narrow canyon neighborhood.

Currently, the joint EOC gathers incident intelligence from a variety of sources including local news television stations displayed on large screen televisions mounted on walls in offices and common areas. Field crew reports, emergency and non-emergency phone calls, and internet sites serve as additional information gathering sources. The Operations Section collects information from field reports and incident tracking while the Planning Section collects information from television and internet sources through its situation status and advance planning responsibilities.

In 2008, the joint EOC collaborated with Marin Radio Amateur Civil Emergency Service (RACES) to place trained ham radio operators in the EOC. The RACES members have the capability to provide redundant ham radio communications and send photographs from the community into the EOC via ham radios. This photographic process supports damage assessment activities, but the transmission technology is often slow.

The NFD and the City of Novato purchased a telephone emergency notification system (TENS) in June 2008. The NFD also has access to a redundant TENS through the Marin County Sheriff's Office (MCSO) as part of the NFD's contract for dispatch service with the MCSO. The impetus for purchasing a second TENS was due to the failure of the MCSO's system during a large winter storm in January 2008. In advance of the wettest part of the storm, multiple agency

requests to notify wide areas in and around flood-prone communities throughout Marin County overloaded the countywide TENS. All outgoing Novato calls were queued in the TENS for over four hours, which exceeded a system-designed two-hour expiration time limit. Not only did the emergency notification calls not go out, but the system operators did not notify the NFD of this failure. Joint EOC staff discovered the TENS failure only after residents in the affected neighborhoods complained about a lack of notification.

The significance of this is that the NFD has a demonstrated risk of disasters and emergencies that could adversely affect the community and create the potential to harm community members or rescuers. During past incidents requiring EOC activations, several intelligence-gathering limitations were noted including call volume, personnel, systems and technology has made it difficult to gather timely intelligence from the community or conduct a meaningful initial damage assessment. Previous events requiring EOC activations have generated over 500 calls for service in short periods, typically a few hours. The daily volume for calls for service in the NFD is approximately 14 per day. Staffing limitations frequently preclude the use of safety personnel to conduct initial damage assessments as safety personnel are committed to incidents and off-duty personnel have struggled to get back into the NFD. EOC staff has relied on incoming calls for service, partial windshield surveys, internet sites, primarily weather sites, and Bay Area-wide reports from television stations. Technology has been advancing where the EOC can obtain photographs from the field either through RACES members or safety personnel emailing photos taken from camera cell phones.

As the *Executive Analysis of Fire Service Operations in Emergency Management* course binder (2009) and class at the National Fire Academy prepares senior fire officers to administer effectively the fire agency's operations (FEMA/USFA/NFA, 2009, p.SM 1-3), this paper directly

addresses emergency management by examining and evaluating improved EOC effectiveness using emerging technology. By assessing a social media program for gathering and sharing EOC intelligence, this applied research project links to the United States Fire Administration (USFA) operational objectives. First is the creation of a collective intelligence gathering and sharing program targeted at the 2,500 communities in which the fire department is a partner in a Community Multi-Hazard Risk Reduction Plan. Second, is a focus on information gathering and sharing in an emergency or disaster to reduce firefighter deaths. Finally, this research responds in a timely manner to emerging issues.

LITERATURE REVIEW

The objective of literature review is to develop a better understanding of the research questions by examining the historical and classical foundations of social theory followed by the theories of collective intelligence, social media, disaster social science and the emerging theory of crisis informatics. Next, the review observes social media and collective intelligence academic and military research followed by business studies in social media, specifically crisis communications. The literature review then narrows the subject to an assessment of government, emergency management and fire agency's social media programs. Finally, a summary of the observations and their influence on this applied research project concludes the literature review.

The foundations of classical social theory support a better understanding of collective intelligence and social media. Merton (1967) states social theories describe a desire for humans to interact, to learn from one another, share wisdom to increase knowledge and how groups work together to make decisions. Bourdieu (1986) offers the social capital theory. He articulates that social networks are a source of wealth, that social capital is the total of potential and actual resources of relationships, acquaintances and recognitions, otherwise known as group

membership. Bourdieu suggested people form social networks based upon the ability of the network to help the person make money or keep the money he already had. The social value of the membership increases with the collective size of the group, as there are greater social assets to draw from. Field's (2003) social capital theory position is that relationships matter and social networks are a valuable asset where people build communities and commit themselves to each other. A sense of belonging and the human experience of trust and tolerance bring benefits to people in the network including mutual intellect.

Collective intelligence is the group or shared intelligence that comes from many different individuals working together (Wikipedia, 2010). Surowiecki (2004) advocates that a diverse autonomous group is likely to make better decisions and predictions than individuals are. While people come together in groups to be more intelligent, Pentland (2007) cautions that problems may arise such as conflict and group think to the point that collective stupidity may take over and the best an organization can do is break even. The size of the potential problems is in proportion to the size of the group. The basic social need for people to connect for friendship, financial means or to become smarter combined with technology growth set the foundation for social media.

A dictionary definition of social media is a medium that uses web-based technologies to turn communication into interactive dialogues. Social media also describes a group of Internet-based sites and applications that build on personal interaction and technology that allows for the creation and exchange of user-generated information (Wikipedia, 2010). Borders (2009) describe social media as a 50-year-old evolving technology started by technology-inclined people hacking into telephone lines in the late 1950's. These people had knowledge of the phone system and stolen or engineered phone company equipment to create tones to fool the system. The goal was

to create a cost free conference call community spanning multiple states. The technology evolved into computer bulletin board services in the 1970s and 1980s. Kaplan and Haenlein (2010) describe the 1979 formation of the Usenet, a worldwide discussion system that allowed web users to post public messages. Commercial online services such as America Online formed thereafter in 1985. Once the World Wide Web became widely available to the public in 1991, large numbers of people gained access to new delivery technologies. Current social media provides technology and a means for many community members to collaborate easily. Social media differs from traditional forms of media communication in that there is communal participation, the communication is visible, permanent and the user is encouraged to share or forward the communication with his network. Jenkins (2006) describes that the delivery technologies have combined with the communal nature of humans so that social media is as large a part of our community lives as face-to-face conversations. Jenkins concludes the current social media revolution as one where people can free themselves from mass media and focus on the content they find personally meaningful.

As the theories of collective intelligence and social media narrow to the field of emergency management, the research examines another sociology theory, disaster social science. The study of disaster social science began in the 1950's as a way to examine individual and societal behaviors before, during and after disasters. Quarantelli (2003) describes pro-social behaviors noting that individuals respond to help one another with an example where civilian rescuers perform 90 percent of all search and rescue in collapsed structures. Civilians also seek information and contribute their observations. Quarantelli cites the lack of information from government authorities creates a perception among civilians of who is in charge, leading to distrust. The challenge for emergency organizations in the crisis phase of disaster response is the

lack of information flow within and between organizations as well as to and from the organizations and community. Sociologists have long studied how civilians respond in disasters (Perry, 2006) and documented their selfless behavior as first responders. Kendra and Wachtendorf, (2003) note a convergence of civilians into the physical disaster areas while Palen (2007) documents similar online social media behavior of civilians rushing to the internet to support the disaster often moments after the event.

Collective intelligence, social media theory and disaster social science meet the practice of emergency management in an emerging theory known as crisis informatics. Palen (2007) describes crisis informatics as the “intersecting trajectories of social, technical and information matters in crises and disasters.” The goal of this developing academic field is to enlarge aspects of disaster response to include social media technology in efforts to improve information transfer to the public, which will have implications for emergency management policy and practice. As internet availability increases, online forums and sites have allowed civilians in affected areas as well as those outside of the disaster area to share information and coordinate grassroots support efforts. Crisis informatics focuses on disaster mitigation, preparedness, response and recovery and targets the needs of the public, not emergency response agencies. Palen and Liu (2007) conclude that the traditional model of sharing information from authorities to the public via press releases and public announcements is outdated and will be replaced by much more complex forms of user-generated social communication.

Next, literature review examines academic research and applications of collective intelligence and social media. Refereed academic papers examine social media history, basic definitions, qualitative measures of accuracy in user-generated social media and academic applications in fields where the research goal is to engage, inform or educate communities.

Kaplan and Haenlein (2010) present social media history and academic definitions and descriptions with an emphasis on what social media is not. The authors trace the history of social media declaring that it is far from groundbreaking. The authors classify multiple social media categories such as collaborative projects, blogs, content communities, social networking sites, virtual game worlds, and virtual social worlds. With the availability of high-speed internet access, social networking sites such as MySpace formed in 2003 and Facebook in 2004. Finally, the research suggests practical applications for organizations using social media by understanding that social media is a very active and fast-moving domain. Agichteni, Castillo, Donato, Gionis, and Mishne (2008) measured the quality of social media information available, such as the accuracy of user-generated information and quality ratings from community members. Using community feedback, the authors attempt to identify high quality content automatically and conclude that systems to identify high-quality community feedback replicate human decisions. These technological systems entail a process to identify qualitatively and qualitatively good online feedback and answers. Racaniello (2010) utilizes social communication methods such as web blogs, shared online journals, internet-based collaboration and multimedia to create an unconventional online virology textbook, *The Principles of Virology*, where multiple researchers with differing specialties are responsible for researching and writing different book chapters. Social media technology allows authors and students immediate and ongoing access to the constantly evolving virology textbook. In addition, Racaniello founded BioCrowd (<http://www.biocrowd.com>), a social media blog and facebook group whose designated purpose is to bring together students, scientists, business people and others who share a passion for bioscience. Sitar, Hartman, Graham and Ledgerwood (2009) found regular and timely use of social media broadened the Human Immunodeficiency Virus (HIV) Vaccine Research Center's

outreach capacity. Web site traffic increased 25% and volunteer referral sources increased 16%.

While academic research has focused on theories and social media research applications, military studies are examined next to develop a better understanding of this paper's research questions.

All branches of the US Military utilize social communications as a way to recruit new members, lead, inform and connect current ones, their families, as well as veterans. Challenges for connecting military personnel are maintaining troop security and force discipline. The official United States Marine Corps facebook page has over 750,000 people who have identified themselves as liking the page (<http://www.facebook.com/marinecorps>) while the United States Army has approximately 525,000 people (<http://www.facebook.com/USArmy>). Miles (2009) states the Army utilizes social media to reach potential recruits in the 18 to 24 year-old age demographic who regularly use social networking sites, to direct them to the Army recruiting web site, and to help answer questions about military service in a non-threatening environment. The Department of Defense has created a social media office and an executive-level office head, the Deputy Assistant Secretary of Defense (Public Affairs) for Outreach and Social Media, to oversee and set strategic direction for all branches of the armed services (US Department of Defense, 2010). The goal is to achieve dialogues with Americans and the global community as well as military and their families utilizing traditional and social media. Perry (2010) found the Army's initial efforts in 2008 to establish a facebook presence uncovered numerous Army web pages with no official affiliation. Military leaders worried whether there was a valid government presence and who was telling their story. Perry notes Army leaders at the highest levels are embracing social media and incorporating it into their basic operations. Kyzer (2009) provides some basic social media strategic considerations, if the Army is not there to communicate their message, someone else will do it for them. A presence in social media is not only necessary, but

the medium requires valuable content and staff to provide consistent content. An Army recommendation is made to explore each social media platform before utilizing it and to develop a communications strategy. As the Army or individual leaders develop their social media presence, they are directed to consider the size and scope of the distinction and tailor the profile and participation accordingly. On February 26, 2010, the military revised its policy against personnel using social media from Department of Defense computers or personal computers used on military facilities (Miles, 2010). Use requirements include accessing social media from non-classified computers; identifying restricted web sites, activity and political uses; and ensuring use did not conflict with operational matters. Perry cautions soldiers, civilians, and family members to follow two basic principles: operations security and the Uniform Code of Military Justice. Military social media use is not without conflicting research. Abrams (2010) raises concerns that military personnel could compromise military and computer security due to information leaks and malicious computer hackers or even state-sponsored Internet attacks. Abrams also raises security deployment concerns as recent improvements in social media and handheld cell phones technology allow users to automatically post their location via global positioning satellite (GPS) enabled cell phones. Beizer (2009) notes the Army utilized social media to share official news and information during the base shooting crisis at Fort Hood on November 5, 2009. Both official military sources and unofficial sources utilized social media to share information and assistance. People posting to social media sites from inside the base let others know they were all right while people posting from outside the base sought information, offered assistance and prayers. Beizer notes the soldiers' familiarity with social media and texting technologies, stating these people grew up with the technology and derive their news and information from Internet sources. The Fort Hood military crisis was another example where technology intersected with the event

and a sociological response to inform and support. Next, literature review examines business applications and examples of social media use in emergency or crisis communications.

As the focus of literature review narrows, social media business and commerce applications are reviewed. A specific focus on public relations and crisis communication challenges faced by businesses in the realm of social media is presented. Businesses have found the dominion of social media to be both profitable and challenging, particularly when faced with a rapid response to emerging issues and corporate disasters. In April 2009, Domino's Pizza faced a public relations disaster when two employees from a franchise in Conover, North Carolina filmed themselves altering customer's food by committing a series of public health violations including blowing nose mucous onto sandwiches. These employees posted the video on YouTube, which is an online video uploading and sharing site. York (2009) describes that within 24 hours, nearly 30,000 people had viewed the video and major media outlets including NBC and the Wall Street Journal had picked up the story. Before YouTube removed the video, over one million people viewed it on their site, but more damaging, millions more viewed the video on other web sites as the video was copied and pasted onto other's web pages in a propagation known as going "viral". The term "viral" describes the Internet sharing process of videos, through electronic means, from person to person similar to that of a spreading harmful computer virus. The Domino's brand, carefully cultivated for 49 years, was damaged in less than 30 minutes (Solis, 2009). A Media Curves survey conducted days after the video aired on YouTube found that 65 percent of people who had eaten Domino's Pizza would be less likely to do so after viewing the video (Kessler, 2009). Domino's initially reacted slowly and did not present a cohesive and effective response until 48 hours after the video's posting on YouTube. Domino's realized the majority of the conversations were occurring outside the traditional media on social

media sites, which is where Domino's concentrated their formal corporate response (Flandez, 2009) including a YouTube video response by Domino's President, Patrick Doyle.

A lack of reaction speed, a traditional corporate response in non-social media combined with erroneous corporate-released information leading to a lack of trust are identified as significant issues confronting British Petroleum (BP) after the April 20, 2010 oil well blowout in the Gulf of Mexico. BP's facebook account remained silent nearly one week after the blowout and their Twitter account did not contain one corporate response to numerous negative posts (Torbin, 2010). BP did utilize its web site and traditional forms of corporate media and public relations with press releases, briefings and other forms of conventional communication, but like the Domino's case, many of the discussions were online in social media sites. Buskirk (2010) found BP did not begin a formal social media network campaign until one month after the spill. During BP's social media absence, anti-BP groups with social media savvy set up numerous protest facebook sites and even a parody Twitter site, BP Global PR. Czarnecka (2010) in a June 2010 survey of Twitter account followers, found approximately 15,000 people were following the official BP Twitter account while the parody, anti-BP account had 175,000 followers. Twitter's policy to allow parody accounts prohibited BP from legally removing the site, which BP attempted to do, drawing additional public ridicule for their action to silence critics. Buskirk notes BP's late use of social networking was a problem, but its reliance on traditional advertising to communicate their message likely was the wrong approach as the harshest criticism took place in social media sites. Capstick (2010) cites an observation from many experts that BP used an old public relations playbook on the new field of social media communications. This disconnect was quickly seized upon by organizations such as the satirical BP Twitter account and Greenpeace. When BP did activate their social media campaign, the company's legal team

advised not to apologize or admit wrongdoing (Buskirk). Seitz-Wald (2010) notes that when BP established its social media accounts, it disabled the comments feature on YouTube, facebook and Twitter, which did not allow people to comment or vent frustrations. This action led to increased animosity, distrust and negative comments from the social media as BP was portrayed as a company more interested in rehabilitating its corporate image than the Gulf. Czarnecka notes BP's problem is not a lack of social media involvement, but a lack of credibility, noting no amount of social media and public relations can help until it stops the leak and cleans up the ocean. Corporate emergencies and crisis communications have highlighted immediate communication challenges for these organizations, as it would for government organizations and fire agencies as well.

Over the last three and a half years, government and emergency response organizations have faced similar rapidly escalating incidents, some of national significance; intersecting with emerging social media challenges and expectations. Literature review next examines the Virginia Tech shooting disaster of April 2007, the Southern California wildfire siege of October 2007, and the Boulder, Colorado Wildland Urban Interface fire of September 2010 to provide fire agency perspective on the research questions.

On April 16, 2007, at the Virginia Tech University campus, a single gunman killed 32 people in an approximately two-and-a-half hour period. All but two of the killings occurred between 9:30 and 9:50 am (Wikipedia, 2008). Palen, Vieweg, Sutton, Liu and Hughes (2007) found many students initially received notification of the shootings in one of two traditional ways, emails and phone calls. Official Virginia Tech emails, the first one sent at 9:26 am, advised of a related shooting that occurred at 7:15 am, and a second email, sent at 9:50 am, advised students to stay inside, as there was a shooting. Richmond (2007) notes that Virginia

Tech had an overreliance on email technology and the expectation students would retrieve messages immediately. Jones (2007) found students and faculty filed blog entries on campus newspaper's web site beginning at 9:47 am in attempts attempted to confirm information about two university shootings. Between 8:30 and 10:00 am, cell phone and landline phone calls between individuals, and not part of an official notification from Virginia Tech, notified students of the incident or students notifying family and friends. Palen et al. (2007) document social media usage, a tribute to a victim on their facebook wall, occurred at 10:23 am, approximately 30 to 50 minutes after the majority of the shooting. By 11:13 am, the first tribute facebook page formed and at 11:34 am, the "I'm OK at VT" facebook page was established. The first facebook exchanges centered on peoples' well-being such as, "I'm OK" and "Are you OK?" types of messages. Over the course of the next day, unofficial Virginia Tech social media sites correctly identified all victims except one before the official Virginia Tech notification at 7:15 pm on April 17, 2007. Ultimately, facebook had over 500 groups that included the Virginia Tech Shooting as its topic or purpose. Two major findings in the Virginia Tech Review Panel (Massengill, 2007) conclude:

The Virginia Tech Police Department erred in not requesting that the Policy Group issue a campus-wide notification that two persons had been killed and that all students and staff should be cautious and alert. Senior university administrators, acting as the emergency Policy Group, failed to issue an all-campus notification about the West Ambler Johnston killings until almost 2 hours had elapsed. University practice may have conflicted with written policies.

Literature review is absent on whether Virginia Tech police, administrators, or their Emergency Policy Group utilized social media to gather or disseminate information via social media sources

in the crisis phase of the shooting. Next, literature review examines a second large-scale social media collective intelligence event, the October 2007 wildfires in Southern California, that highlight parallels to the Virginia Tech event and look at an emphasis on public perceptions of limitations in fire service web capabilities and fire service perceptions of citizen-generated information.

On October 20, 2007, a series of wildfires burned across Southern California resulting in nine deaths, approximately 1,500 homes destroyed and half a million acres burned (Wikipedia, 2008). Sutton, Palen and Shklovski (2008) found information sharing and civilian reporting practices suggest that social media technology is gaining prominence in the disaster field, despite concern by officials about the legitimacy of information shared this way. McCarthy and Boyd (2005) found public officials often view non-official, citizen-generated communications as having potential to spread rumor and misinformation, which could affect public safety. Sutton et al. found that the information citizens posted to social media and non-government affiliated web sites reported fire details, including the status of homes damaged or destroyed. Researchers cite evidence of government and fire agencies utilizing official web page technology to inform at-risk communities with the United States Forest Service, Orange County Fire Authority and San Diego Office of Emergency Services specifically mentioned. Criticisms of these and other fire agencies and emergency services web sites include posting old information, being too slow in updating details and technological limitations due to increased web traffic that slowed or crashed the systems to the point citizens turned elsewhere for information. Further, Sutton et al. found that the community expected fire agencies to provide detailed information and when it was not available, they turned elsewhere. These included community forums that provided useful information, including San Bernardino Mountains' based rimoftheworld.net and

socalmountains.com. Both community forum web sites had been created several years prior in mountain communities facing catastrophic fire threats due to drought and bark beetle diseased forests. Kaspersen (2003) and Sorensen (2000) previously documented a loss of trust in local governments who fail to provide timely information during a disaster. Taylor, Gillette, Hodgson, and Downing (2005) found people urgently seek real time information when wildfire threatens communities, will use information from any source to satisfy their needs and believed media and official fire sources did not meet their needs. Much like Massengill (2007) and Palen et al. (2007) conclude in the Virginia Tech shooting, Sutton et al. found citizen-led social media preceded official fire service reports. Similar to the Virginia Tech shooting, gaps or delays in official reporting led to citizen-driven collective intelligence reporting via social media sites. Palen and Liu (2007) conclude that the technological enhancements will continue to increase citizen participation in disasters through information gathering and reporting and those formal response organizations must find a way to incorporate this activity in their incident command structure. Much like the Virginia Tech shooting, there is no research evidence to suggest that fire agencies used citizen-created collective intelligence to gather or distribute incident information. Next, the September 2010 wildland fire in the Boulder, Colorado is examined for increasingly sophisticated social media usage in disasters and emergencies.

The Fourmile Canyon Fire began on September 6, 2010 at 10:07 am in the mountains west of Boulder, Colorado. Driven by strong winds, the fire moved downhill into the wildland urban interface of Boulder (InciWeb, Incident Information System, 2010). A total of 169 homes were destroyed and damage estimates approach 80 million dollars (<http://www.dailycamera.com/fourmile-canyon-fire>). Research has documented collective and social media actions occurring in the community as well as a governmental request that the

public to utilize social media. A citizen with computer expertise, Andrew Hyde, identified as a key member in Boulder's tech community, started a Twitter feed at 11:34 am, approximately one and a half hours after the first dispatch. Twitter is a text-based social media site that limits its messages to 140 characters. People using Twitter can post and retrieve messages on a cell phone. A second collective intelligence event occurred when a local news correspondent and journalism professor at the University of Colorado, Sandra Fish, began posting fire dispatch information onto Twitter at 11:35 am, using the live web-based scanner she located on the Boulder County web site (Fish, 2010). Previously, there had been no personal or social media connection between Hyde and Fish. Fish noted she posted because she could not locate anything online about the fire on any government agency or local news sites, but that Twitter accounts and photos of the fire were appearing in social media sites. By 1:17 pm, Spataro (2010) notes a Google map being updated by a third citizen gathering data from the first two Twitter accounts. Spataro notes the primary Twitter content included evacuation efforts, losses, displaced victims and firefighters who lost their homes. Boulder County and the City of Boulder advised the public to utilize social media sites for the latest information on the fire with the City of Boulder making the initial advisement on facebook at 2:32 pm on September 6, 2010 (<http://www.facebook.com/?ref=logo#!/bouldercolorado.gov?v=wall>). Later that afternoon, between 3:23 and 5:41 pm, the Boulder County Sheriff's Communication Center attempted to place 2,610 reverse 911 calls to neighborhoods that needed to evacuate in advance of the fire. Reverse 911 is a technology system, which sends phone messages to landlines or other communication devices such as cell phones or email. None of these calls occurred due to a software failure. Further, in areas where phone and or electrical service were interrupted by the fire, all calls failed due to infrastructure failures. Once again, these government agencies advised

citizens look to social media sites for urgent news and information (Boulder County Sheriff, 2010). Updates continued on facebook, Twitter, and the Boulder County Office of Emergency Management. Spataro found that when fire agency communication failed, the community quickly shared evacuation information on social media sites. Fish concludes that government agencies should fully embrace social media, instead of “just dipping their toes in the water occasionally. There's much to be gained from interacting and sharing with the community when disaster strikes.” Spataro suggests government agencies create social media crisis plans, collaborate with community leaders to help with social media communication and empower the community to be helpful and proactive in an emergency. White, Plotnick, Kushma, Hiltz and Turoff (2009) also recommend that fire agencies use social networks as mass notification tools in the event of disasters. Research does not indicate if fire agencies or the EOC utilized collective intelligence or social media to gather information although it could be inferred that if they used social media to distribute information, social media was used to gather information. In the last three years, literature review documents increasing social media use and citizen sophistication. Next, literature review examines the number of fire agencies who have a presence on facebook and utilize it to distribute emergency information.

In 2009 US fire agency census, the National Fire Protection Association reported a total of 30,165 US fire agencies (NFPA, 2009). Literature review sought to determine the number of fire agencies in the US that have established a profile on facebook and have used their page to collect or distribute emergency information. A facebook profile is defined as a fire agency creating a facebook page or wall where the agency and other facebook members can post comments to the page thus creating an online conversation. In August 2010, facebook identified over 500 million active users; with 143 million in the US. 41.6 percent of the US population has

a facebook account (Wells, 2010). While there is extensive, almost daily, literature presented on facebook's size and number of subscribers, there is no existing current literature specific to the number of fire agencies on facebook. Exhaustive literature review attempted to identify sources of a fire agency census on facebook, but none exists. Next, the researcher contacted facebook to assist in a fire agency census. When asked how many fire agencies established or maintained a profile on facebook, Fred Wolens, a facebook Public Policy Representative, said he was unable to tell me as facebook's search engine limitations do not classify pages based on fire agencies and that facebook's internal search tools are nearly as limited as the public's. (F. Wolens, personal communication, October 7, 2010).

A summary of literature review highlights existing sociological theories and behaviors in emergencies and disasters, case studies showing how social media's technological advancements have been used with increasing sophistication and community expectations of information in times of emergencies and disasters. Complex organizational challenges are identified on multiple occasions in the military, business and the fire service. Challenges noted in literature include the organization forming a rapid communications response, specifically in the social media realm, creating a system to collect, validate and distribute citizen-generated social media information and establishing an accepted organizational recognition that any community expects rapid information. Absent the official information, the community will seek their own noting the technology to gather and distribute the information is efficient and rapid. Literature is not completely in agreement with respect to social media usage, especially in the areas of military security and in spreading rumors or misinformation by the public.

Influences supporting research includes the multiple works by Palen (2010) and the research by Taylor, Gillette, Hodgson, and Downing (2005) for the United States Geographical

Service. Palen's breadth and depth of research with technology, sociology and the intersection of disasters has authority in this research. It has been influential to see the evolution over the last three and a half years of the case studies demonstrating the rapid adoption of social media after an emergency or disaster, the immediate penetration into the community and the absence of government social media use to receive or distribute information.

PROCEDURES

This applied research project uses descriptive research methodologies with literature review, two personal communications and two data collection experiments to develop the final study results. Literature review evaluates past and current theories, emerging collective intelligence and social media practices in the military, business and the fire service to answer the research questions. Literature review uses periodical, non-periodical and online sources. Literature review supports the research questions except how many fire agencies maintain a presence on facebook and utilize their pages to distribute emergency information. The researcher conducted the personal communication with the facebook representative after exhaustive research failed to answer the one research question noted above. The facebook personal communication and a second with a fire statistics subject matter expert support the data experiments, including one statistical sampling. While the first personal communication with the facebook representative did not support answering the question, it did provide direction on a second personal communication. This led to a statistical sampling experiment to answer the research question.

There is a great deal of current research on the subject of social media, collective intelligence and facebook outside of the fire service, but current research specific to the fire service has been directed towards significant disasters. As of October 15, 2010, a search of the

National Fire Academy's Learning Resource Center online catalogue using the term "social media" returns 40 periodicals, but no Applied Research Papers (APRs). The term "collective intelligence" returns two periodical articles, but no APRs. Next, the term "facebook" returns one periodical but no APRs. The researcher concludes that this APR is likely the first to study social media, collective intelligence and facebook usage by fire agencies in emergency management applications.

The researcher chose facebook as the platform to study due to its size and percentage of US population membership compared to other social media applications. In August 2010, facebook documents over 500 million active users, with 600,000 to 700,000 new users joining per day (Smith, 2009). Facebook accounts for 143 million in the US, which represents 41.6 percent of the US population with a facebook account. The other large social media platform, Twitter, has only 105 million users worldwide, 17 million in the US, which represents seven percent of the US population (<http://www.convinceandconvert.com/twitter/7-surprising-statistics-about-twitter-in-america/>).

The researcher created two sets of experiments to answer the research question, how many fire agencies maintain a presence on facebook and utilize their pages to distribute emergency information. In the first data collection procedure, a facebook account under the researcher's name was used and search terms were individually entered into the search bar feature located at the top of the facebook page. The facebook search feature allows users to search people, pages and groups. A facebook page is one that is created by any registered business or organization.

Experiment 1: Three search terms are evaluated individually and include "Fire Department", "Fire District" and "County Fire". The first search term "Fire Department" was

typed into the facebook search box and the search query returned a total answer along with the first ten individual page links. The facebook search engine design returned ten results per screen with an arrow at the bottom and the term “More”. Each set of ten unique fire department pages were examined for validity, and if determined to be a valid data point, cut and pasted into an Excel spreadsheet for further analysis. Valid data points were determined to be official fire department pages. Pages determined to be invalid for the purposes of this study include drum and pipe bands, honor guards, community emergency response teams (CERT), fire buff pages and other non-official fire department use pages. This process continued in groups of ten until the search engine noted there were no longer results to return. Next, the term “Fire District” was typed into the facebook search box and the pages evaluated for validity using the same procedure for “Fire Department”. Lastly, the search term “County Fire” was searched using identical data point validity criteria. On the second search and third searches one additional evaluation procedure was established, checking for duplicate fire agencies that were listed under one or more of the search criteria. Duplicate returns were not considered valid data points except for the first data point. The researcher became concerned with this experiment due to the large difference in search result numbers from the initial search page and the more detailed, page-by-page results from the facebook search engine. This lack of confidence in the data led the researcher to discontinue the first experiment and create a second one using statistical sampling. The researcher will address this matter in assumptions and limitations.

Experiment 2: A second data collection experiment, this one utilizing statistical sampling of all US fire agencies, was created to increase the accuracy of how many fire agencies maintain a presence on facebook and utilize their pages to distribute emergency information. Once this experiment was created, the researcher interviewed Paul Rottenberg of FireStats, LLC to

determine the soundness of the experiment and the expectation of valid results. FireStats, LLC is a consulting company specializing in fire service data analysis, teaching fire officers how to conduct data analysis. Paul Rottenberg is a designated subject matter expert in deployment analysis for the National Fire Academy (<http://www.firestats.com/consultants.html>). The researcher has previously attended Mr. Rottenberg's data analysis class and FireStats, LLC is a hired consultant for the NFD, supporting the District's data analysis needs for Standards of Cover, deployment and Center for Public Safety Excellence Accreditation. The researcher devised and conducted the experiment and utilized Paul Rottenberg to confer about the meaning and definitions of statistical sampling and to support a better understanding of the research procedures. Rottenberg (personal communication, October 22, 2010) describes statistical sampling as a process by which a researcher uses statistical tools to project what the likely values are in a given population of data. Statistical sampling can be designed when not all of the data is available and an estimate is the best method to determine an answer. Sampling can also be used when the data set is so large or the experiment so complicated that sampling can provide similar results. Finally, sampling can be used when all of the data is known, but other influences outside the studies scope impact the data and results. A statistical sampling will predict how a representative data sample relates to the whole data set, the same way pollsters project election results. In this experiment, all of the data was available, but statistical sampling was used because of the experiment limitation with the facebook search engine's constraint to search one fire agency at a time. This proved to be labor-intensive cutting and pasting each fire agency's name, one at a time, into the search engine.

Other statistical sampling definitions of note are population size, sample size, confidence interval and confidence level. Population size is the total number of data points available. The

sample size is the number of samples the researcher will use from the population size.

Confidence interval is also called the margin of error. The confidence interval is how far the calculated estimate is likely to be from the true answer. Best practice recommends a five percent confidence interval. Finally, the confidence level is a measure of how certain the answer will be within the confidence interval. Best practice statistics usage recommends a 95 percent confidence level. Confidence level tells the researcher how many times the analysis could be performed and expect the answer to be within the confidence interval. Using the best practice example, if the experiment was performed 100 times, in 95 of those experiments, the results would fall in the five percent confidence interval. The second experiment's parameters were designed to meet best practices.

The second experiment consisted of a statistical sampling of all 50 United States. All states were listed on an Excel spreadsheet in alphabetical order. A third party Excel add-on software program from Ablebits.com was used to randomly select ten states. Each state had an equal chance of being selected, no preference was given to region, statehood recognition date or population size. Ten states were selected in an attempt to get a sufficient population size that would make a relevant experiment, attempt to attain regional representation and account for variations in local technology acceptance. Next, each of the ten selected states' fire marshal office and other web site listing fire agencies by state were queried to access a comprehensive database of every fire department in the state. Every fire agency was considered, career, combination, volunteer and private fire brigade. A complete listing for each state's fire agencies was placed onto a new Excel spreadsheet. Once all ten state's fire department listings were placed on the spreadsheet, the same Excel add-on software program from Ablebits.com was used to randomly select a sample size that would achieve a benchmark 95 percent confidence level

and a five percent confidence interval based upon the population size. This newly created sample of randomly selected fire agencies was cut and pasted into the facebook search engine, one at a time, for evaluation. The evaluation supported answering two important research questions: how many fire agencies maintain a facebook page and how many fire agencies use these pages to distribute emergency information. This data was entered into the Excel spreadsheet next to the agency name under the column facebook page and emergency information. The letter Y meant Yes the agency met the criteria and N meant No the agency did not meet the criteria. The researcher completed data analysis by totaling sums of the answers and comparing the results to other known data. Findings and their implication will be presented in the discussion section.

Assumptions and Limitations

The researcher assumed fire service data would be readily accessible, which it was not. The facebook search engine and facebook-provided fire agency data were inconsistent and did not meet confidence measures to be considered relevant data. The first experiment was abandoned, as it was not valid, and a second experiment created. An assumption was also made that facebook would have the ability to quickly produce a specific data request, either through its search engine or when personally contacted. Limitations include a lack of specific fire agency related research on social media uses during disasters and no research data available until September 2010 on any fire agency usage of social media during a disaster. At a more fundamental level, data had to be created to determine the number of fire agencies who have a facebook presence and use their page to distribute emergency information. When fire agency research is noted, it is in the larger scope of emergency management or large-scale disasters where the fire service is part of an integrated and unified response. As noted above, this is the first APR to specifically address this matter within the scope and authority of the fire service.

One the other hand a limitation is narrowing the research materials as copious amounts of current literature is available on the subject of social media and collective intelligence, with new articles and updated information and technology becoming available every day.

An objective yes or no answer to, “does a fire agency maintain a facebook page?” was readily available, there was an official facebook page or there was not. More challenging was the subjective evaluation to “does the fire agency use their facebook page to distribute emergency information?” Prior to reviewing each page, the researcher established criteria to determine if emergency information was posted to the agency’s facebook page; did the agency post event-related information posted prior to an emergency. This includes hurricane, tornado and fire weather warnings specific to the agency’s geographic area and did the agency distribute warnings during or immediately after a large emergency or disaster. The researcher reviewed wall posts for the previous 12 months to determine if the agency posted emergency information. A lack of emergency information on facebook could also be attributed to a lack of significant emergency activity in the selected fire agency.

Another limitation was noted, specific to city fire departments not being listed as a separate, searchable, entity. It is not uncommon for full service cities providing police, fire, public work and community services to have one city page instead of pages for each city department. Experiment results may be slightly lower due to this city fire department effect.

The primary limitation however, relates to the first experiment and the lack of search features and analysis in facebook. The researcher became concerned with this experiment due to differing data numbers and incomplete returns from the facebook search engine. It is also unknown if there is a limit to search returns on facebook as the pages returned differed significantly from the initial search result page. This caused the researcher to abandon the

experiment and start over with a broad, data sampling approach, trial examining all US fire agencies. Specific number details with facebook's search engine will be discussed in the results section.

RESULTS

Literature review supports answering most research questions. Specifically, the theories of collective intelligence and social media are reviewed extensively to support answering the research question, what is collective intelligence and social media. Several academic, military and emergency management and fire case studies have examined how individuals and organizations use social media during events and disasters. The research question, how many fire agencies maintain a facebook page and use them to distribute emergency information, is the focus of this section. The final research question, which social media program should be recommended for the NFD's EOC, will be discussed in the recommendations section of his APR.

As part of this research, and the absence of previous studies, new data was created in a scientific attempt to answer the research question, how many fire agencies maintain a facebook page and use them to distribute emergency information. Two experiments, one unsuccessful, supported answering this research question.

Experiment 1: The search term "Fire Department" returned an initial search total of "About 8,800 Results" on facebook's search engine with the first ten unique results on this page. Each set of ten facebook pages were evaluated until page 55 when facebook's search engine indicated there were no additional results. Using the validity criteria, 516 valid pages were identified out of 550. Valid page information was cut and pasted into an Excel spread sheet. Data selected for study included the fire agency's name and the number of facebook users who indicated they liked the agency. The highest number of likes was the official FDNY facebook

page with 41,654 likes to a low of 20 likes for the Newport Fire Department. There is no explanation in research or offered by facebook's web site or staff to explain the difference between the initial 8,800 results and the searched 550 results.

Next, the search term "Fire District" returned an initial search total of "About 1,000 Results" with the first ten unique results on this page. Each set of ten pages was evaluated until page 35 when facebook's search engine indicated there were no additional results. Using the validity criteria, 337 valid pages were identified out of 350. Valid page information was cut and pasted into an Excel spread sheet. Data selected for study included the fire agency's name and the number of facebook users who indicated they liked the agency. The highest number of likes was the St. Lucie County Fire District facebook page with 1,323 likes to a low of one like for the Sangamon Valley Fire Protection District. There is no explanation in research or offered by facebook's web site or staff to explain the difference between the initial 1,000 results and the searched 350 results.

Finally, the search term "County Fire" returned an initial search total of "About 1,900 Results" with the first ten unique results on this page. Each set of ten pages was evaluated until page 22 when facebook's search engine indicated there were no additional results. Using the validity criteria, 196 valid pages were identified out of 220. Valid page information was cut and pasted into an Excel spread sheet. Data selected for study included the fire agency's name and the number of facebook users who indicated they liked the agency. The highest number of likes was the Orange County Fire Authority facebook page with 3,899 likes to a low of one like for the Bolivar County Volunteer Fire Department. There is no explanation in research or offered by facebook's web site or staff to explain the difference between the initial 1,900 results and the searched 220 results.

Several fire agencies appeared on each list. For example, the Kern County Fire Department appeared on both searches “Fire Department” and “County Fire”. When this occurred, the agency was counted only once.

Using the facebook search engine and their available technology, about 11,700 fire agencies returned in one of the three searches. However, only 1,120 actual results returned from the detailed search, before subtracting for duplicates or non-official pages. After accounting for the invalid data, only 1,049 fire agencies appeared in the researcher’s detailed analysis. The large differences in search engine totals compared to actual pages listed, in this example the search term fire department, and the facebook page results stopping at 550 results when the initial screen indicated about 8,800 results demonstrated significant limitations and concerned the researcher about the validity of this experiment. No further data analysis was undertaken, the experiment was discontinued and a second experiment created.

Experiment 2: Following procedures, ten randomly selected states began to establish the population size. A random selection of ten states includes California, Florida, Kansas, Louisiana, Maine, Massachusetts, New Mexico, Ohio, Oregon and South Dakota. The ten states selected represent 20 percent of the total states and 29 percent of the US population. To complete the population size calculation, an internet search of state fire marshal offices and one commercial web site, www.fire101.com, identifies 4,917 fire agencies in these ten states. There are 30,165 listed fire agencies in the US (National Fire Protection Association, 2009). The population size of experiment two, 4,917-fire agencies represents 16.30 percent of all US fire agencies. Next, a calculation was made to establish a sample size for the experiment that would meet statistical best practices of five percent or less confidence interval and a 95 percent confidence level. A sample size of 356 randomly selected data points was established. Each one of the randomly

selected fire agencies was evaluated, one at a time, using the facebook search engine. If the agency had a facebook page, the page was then evaluated to determine if emergency information had been distributed in the previous 12 months.

Experiment 2 determined that 52 fire agencies in the sample size met the criteria of having established an official facebook page or 14.61 percent of US fire agencies. Of the 52 fire agencies in the sample size with a facebook page, 8 agencies or 15.38 percent with pages, used facebook to distribute emergency information before or after a large emergency or disaster.

Applying these results to the entire US Fire Service, the range of fire agencies who have a facebook page are within the range of 4,187 to 4,627 with a 95 percent confidence level. This range was calculated by multiplying the percentage from the statistical sampling with the population size of the US fire service. The sum equaled 4,407 fire agencies. Using the confidence interval of 5 percent above and below the sum equaled 4,187 and 4,627. Further, using the same methodology applied to the number of agencies who have a facebook page and use them to distribute emergency information fall within the range of 644 to 712 fire agencies. This second range is achieved in one of two ways. The first is multiplying the previously identified range of US fire agencies that have a facebook page by 15.38 percent. The second calculation is multiplying the previously calculated sum of 4,407 times the 15.38 percent of agencies who have a facebook page use them for emergency information distribution. Then the 5 percent above and below margin of error would be calculate, which achieved the same answer.

Future researchers could perform similar experiments and arrive at a result that falls within this range 95 percent of the time. Other researchers may suggest analyzing the entire US fire service to be more representative and that may be an appropriate project for a future researcher. Using an online sample size calculator (<http://www.surveysystem.com/sscalc.htm>)

that mirrors the Executive Fire Officer Applied Research Self-Study Guide (FEMA, 2005), it is interesting to note that given the population size of the US fire service, 30,165, the sample size needed to achieve similar confidence intervals and levels is 379, which are only 23 more fire agencies than this research examined.

The last, and most important, analysis is that the percentage of fire agencies that have a facebook page is significantly less, 64.88 percent less, than the percentage of the US population having facebook pages. This research found only 14.61 percent of the US fire service had a facebook page, but earlier research by insidefacebook.com found that 41.6 percent of the US population had a facebook account. Given the literature review on disaster sociology, technology and community expectations, there is an opportunity for the NFD and the fire service to increase their social media presence.

DISCUSSION

Omnipresent computer technology has significant consequences on emergency management practice, structures, and policy. The study shows a correlation between the literature review, the experiment results and the research questions. The results validate the need for the NFD to establish a social media presence and system to gather and distribute emergency information. The research findings indicate connecting important principles of disaster social science, collective intelligence and social media to the intersection of disasters. The relationship between the study results and findings of others will be discussed. Finally, there will be discussions on organizational implications from the results with a recommendation that the NFD adopt a social media program.

Extensive research and personal experience has shown how people react in emergencies and disaster. Applying Merton's theory (1967) to emergencies, the human need to interact and

learn from one another to make better decisions occurs frequently during emergencies. The researcher has personally witnessed this behavior on large emergency incidents and there are numerous photos and videos showing people standing at the edge of emergency incidents, watching intently and conversing freely about the event. Prior to the emergency, many of these people did not know each other. Relating Bourdieu (1986) and Field's (2003) theory of social capital, the NFD should look to its network of advocates in the community as a source of wealth and value it accordingly. There is a great deal of trust placed upon the relationship between the NFD and the community. From a strategic financial perspective, the NFD needs its relationship with the community for continued tax-supported revenue. Should the NFD not maintain its social membership with the community, they would, and appropriately so, demand changes and withhold their support. Ultimately, gaining this back would require great effort to repair this loss of trust.

Surowiecki (2004) has found that diverse groups make better decisions. Having multiple disciplines in NFD EOC supports this theory. Every large public agency within the Novato sphere of influence is represented in key EOC leadership and liaison positions. That being said, there clearly is room for improvement as research suggests. Specifically, there has been a limited system to gather or collect intelligence from the community during a large emergency or disaster. It is interesting to note, that intelligence gathering, or situational awareness, occurs on a daily basis within the NFD. Specifically, chief officers maintain Google alerts accounts which notify the subscriber whenever a news story, blog post or web site posts a story with the terms, Novato Fire, Novato Fire District or Novato Fire Protection District. Additionally, staff reviews local internet news sources to anticipate community issues or concerns. This situational awareness can easily be transitioned to emergency management within the EOC. Pentland (2007)

clearly warns about collective stupidity and his words serve as a warning about group think although the researcher believes some conflict, if managed in a positive fashion, is appropriate for making good decisions. Pentland's findings also provide a warning to utilize information appropriately. Specifically, and other researchers note similar concerns, to exercise due diligence with the information gathered from the public. This due diligence in social media may be challenging to fire agencies responding quickly after disasters.

Many other fields have already adopted, and embraced, social media as a way of conducting business. The fire service as well as the NFD has typically adopted technology after the effectiveness has been proven elsewhere. While Borders (2009) describes the 50-year history of social media technology, the research findings in this paper demonstrate a lack of social media use by US fire agencies. Specifically, US fire agencies use facebook 64.88 percent less than the US population. While this researcher does not believe completely in Jenkins' (2006) findings that social media is as large a part as face-to-face conversations, there is a great deal of credence given Jenkins' findings of individuals seeking content they find personally meaningful instead of accepting mass media content. Sutton, Palen and Shklovski (2008) report similar findings after the 2007 Southern California Wildfires. The important note for the NFD is that the community will seek out very detailed and specific details, what-this-means-to-me types of information, in times of crisis. The NFD has the opportunity, and research warns to be ready, to deliver this information or risk having the community go elsewhere and lose trust in the NFD as Kaspersen (2003), Quarantelli (2003) and Sorensen (2000) have noted. The findings also suggest the NFD examine its third party vendor-provided web site and internet service providers to ensure additional traffic can be supported on a moment's notice so the community will not find those sources of information slow or crashed due to heavy use.

Kendra and Wachtendorf (2003), Palen (2007), Perry (2006) and Quarantelli (2003) document disaster sociology theories, past experience and case studies to demonstrate the community will respond in a pro-social, selfless, fashion to help out, gather and exchange information. NFD and the researcher's past experience and knowledge validate these findings and provide a note that the NFD should plan for this community response. The NFD has previously seen this behavior, knows it will occur again and it must be ready to handle an outpouring of disaster support, in person and online. Palen found people will rush to the social media immediately following the disaster seeking information and a way to help out. Often, fire agencies are singularly focused on the event that the larger perspectives are lost. In this case, the spontaneous voluntary community response would need to be encouraged, embraced and managed. This is in line with NFD's mission, vision and values to support the community and to be responsive to the changing needs of the community.

Just as Sitar, Hartman, Graham and Ledgerwood (2009) found regular and timely use of social media broadened the Human Immunodeficiency Virus (HIV) Vaccine Research Center's outreach capacity, Massengill (2007) and Palen et al. (2007) found in the Virginia Tech Shooting and White, Plotnick, Kushma, Hiltz and Turoff (2009) found in wildland urban interface fires, mass notification and information sharing may be a matter of life and death. The NFD recognizes people will urgently seek information to help make better decisions, especially those involving evacuation. The NFD may not be able to physically save these citizens, but we can save them with information. We could also be saving our own in that we reduce the chances of an emergent rescue because the community gained the information it needed and evacuated when they had a safe opportunity.

There is significance given to Palen and Liu's (2007) research documenting potential NFD challenges when they state command and control models do not easily adapt to the increased data seeking and generating public information via social media methods. It is understood and accepted that traditional press releases and public announcements, the NFD and fire service's traditional reliance, will give rise to improvised communication from non-official governmental organizations. As part of the NFD's preparation, these reporting changes are recommended and are currently in practice today on the NFD's facebook page (<http://www.facebook.com/NovatoFireDistrict>). As proven by the data analysis that fire agency facebook representation is significantly less than the US population demonstrates both a technical challenge, starting a facebook page, and an adaptive challenge, changing the belief that most fire agencies see themselves as information providers rather than information exchangers.

As McCarthy and Boyd's (2005) research on how government members view non-official, citizen-generated communications as having potential to spread rumor and misinformation, which could affect public safety creates documents, the NFD would need to also make an adaptive change in their beliefs by accepting misinformation, even rumors, will exist in social media. The NFD and fire agencies accept that individuals will seek communications from government authorities and their social network using all available technological means. Adaptive change would need to be placed in the context given the most important expectation is speed of information. Some comfort can be provided to fire agencies concerned with accuracy and misinformation by Agichteni, Castillo, Donato, Gionis, and Mishne (2008) who describe the social media realm as self-correcting and self-policing and conclude that systems to identify high-quality community feedback replicates human decisions. An example of self-correcting and self-policing can be found in Racaniello's virology text books and online collective intelligence.

Many people can contribute and the community is expected to self-correct inaccurate data of improper behavior.

As Quarantelli (2003) noted, and the challenge for the NFD, the immediate focus of emergency organizations is on disaster response and there are higher priority tasks for staff or there is limited staff to share significant information with the citizens. One of the most critical concerns and challenges for the NFD is who in the organization, likely a senior staff member or who within the EOC, is available and trained to immediately assume this role after a large emergency of disaster. Furthering this challenge is who will pay for this training and position given the economic challenges the NFD is facing, the limited staff to support this and the focus of staff on higher priority operational tasks related to the emergency. The NFD's expectation would be that this social media position would be staffed by an executive-level person with operational background who can quickly receive information, make operational sense out of it and then rapidly communicate this within the organization and back out into the community via social media.

In an examination of the military's research and social media presence, there are implications for the NFD as the military has readily adopted social media technology with the goal of connecting the military with the global community. On a smaller scale, the NFD wants to connect with its communities to better serve them. The research shows sophisticated military facebook pages consistent with that of large corporations. The military recognizes their communities expect this, whether future recruits (Miles, 2009), current members, their families or veterans. The Department of Defense's appointment of an executive-level official to oversee their program is of particular interest and validates the recommendation that an executive-level person within the NFD oversee social media policy and deployment. Perry's (2010) surprise in

finding numerous web pages with Army logos and materials, but with no official connection or sanction serves as a warning for all government agencies as does Kyzer's (2009) key statement, if the Army is not there to communicate their message, someone else will do it for them. As many other researchers have shown, if agencies are not in the social media domain, communicate via traditional means or communicate late, someone else will communicate for them. The NFD would lose control over the message if it does not effectively access the social media marketplace. As with the military, security would be of concern to the NFD. In particular, evacuated areas that were noted on facebook pages could be targets for looting. No research has been done to see if looting actually occurred as a result of social media, or traditional media, descriptions, television for example, that showed evacuated areas. Force security issues would not be an issue for the fire service although law enforcement may have concerns. As Beizer (2009) notes from a crisis management perspective, the Fort Hood shooting appeared to demonstrate the Army did not have a social media crisis communications plan. This is interesting to note that an organization the size of the Army would be posting on their facebook page asking for media patience as it sorts out the details. Ultimately, the Army was unable to keep up with the multiple postings and it makes the researcher ponder if keeping up with social media during the crisis phase is a reasonable expectation. The implications for the NFD would be to readjust expectations of social media response. It would seem reasonable to post information to social media sites with clear timelines to update reports, for example every 30 minutes or to the best of the NFD's ability. If the Army is not staffed to respond in a short period of time, how would the NFD with significantly fewer resources.

Response is at the heart of the Domino's research. The strategic threat posed by employees created very short time frames to respond. Further, the forum to post a response

provides important implications to the NFD. It should strike fear into any fire agency or business executive to think that Domino's 49 year reputation was damaged in less than 30 minutes (Solis, 2009) and (Kessler, 2009) by employees filming each other. It would be a reasonable expectation to let all fire agency members know they should act as if the camera is always on. York (2009) details the time frame for response to a corporate threat, 24 hours or less is expected, 48 hours is too long as in the Domino's case. The forum of response is a lesson Domino's learned quickly, as opposed to BP. Domino's received high marks for a multi-pronged response, including video from Domino's CEO on YouTube and ongoing facebook entries and responses as this is where the majority of the conversations were occurring. Based upon York's assessment of Domino's experience, implications for the NFD to develop best practices to include: 1) identification of a crisis team including the executive in charge, public relations and social media experts; 2) pre-plan for worst-case scenarios; 3) track and maintain an Internet and social media presence on sites such as facebook; 4) meet and respond to the community and conversations where they are, and; 5) don't wait to respond, the suggested response period is 24 hours or less.

Lessons learned for the NFD from the ongoing Gulf catastrophe and a crisis of confidence in BP could best be summed up as do the exact opposite they did. Literature is silent on BP's motivations, but the researcher is left to conjecture if it was corporate hubris, focus on stopping the leak, or trying to control an uncontrollable situation. Torbin's (2010) findings that BP waited as long as they did to respond in the social media arena is inexcusable and a lesson to learn for the NFD. It is shocking to review Torbin's findings that BP's social media sites remained silent for a week and they waited a month to begin a formal campaign while others anti-BP organizations gathered their forces and posted freely with no response. What is understandable that a corporation the size of BP would use a traditional public relations and

crisis management program to defend it, but what BP had not realized was that social media changed the game. BP should have realized this when the parody Twitter site possessed a ten to one ratio of users. Then, to further damage its reputation in social media, BP attempted to disable the parody account and ban comments from their social media pages. The significant implication for the NFD is to be constantly vigilant in social media sites and respond at once with honesty, candor and transparency while allowing comments from social media circles. As Capstick (2010) expressed, BP's social media team's response should have been to thank people, correct any factual errors, and then share updated information. The significance to NFD in its social media relations is to keep responses short, accurate and polite, and to link to a place where aggregated information about the crisis can be found. As Torbin noted, BP may have been unable to stem the negative response due to the magnitude of the event, but they could have minimized the exposure in social media circles much the way Domino's had done. Other implications for the NFD include keeping all avenues of communication open, don't disable the technology so people are unable to respond, remain transparent, and respond quickly. As Czarnecka (2010) and Seitz-Wald (2010) noted, the issue no longer became the response and the public relations tactics were quite sound. The issue for BP was a strategic lack of trust in the company that cost one CEO his job and threatens BP's long term corporate livelihood. While the lack of apologizing may help BP in court, it created a lack of trust and transparency in the social media domain. Finally, applying Kyzer's (2009) key statement about the Army to this situation, while BP struggled to find its message, and a response that would be trusted, others in the realm of social media told BP's story for them. Lesson learned for the NFD; respond quickly and in a way that is trustworthy.

The Virginia Tech Shooting, while terribly tragic, offers a glimpse into the evolving social media usage during a crisis. Key themes emerged, what communications tools were used to notify, what was notified and when was notification provided. Facebook's original target audience was college students so it is not a surprise that this platform was extensively used (Palen et al., 2007), but what is of interest is how most students received initial notification by phone and email. Typically, students and younger members of society have embraced newer technologies in advance of the general population as Miles (2009) noted in the Army's attempts to recruit and reach younger people. Another important implication for the NFD is the lack of email usage by the students and the reliance of Virginia Tech on this avenue of notification as Palen, L., Vieweg, S., Sutton, J., Liu S., & Hughes, A. (2007) noted. Jones (2007) noted students missed or did not look at their emails and residence hall advisors resorted to handwriting notes on whiteboards in the dorms advising students to stay inside. Massengill (2007) reported an estimated 96 percent of students at Virginia Tech carried cell phones. Most brought them to classes or wherever else they go. A text message to cell phones probably will reach more students faster than an e-mail message because the devices are more portable and can be rung. The implication for the NFD is that multiple and varied communication sources will need to be used to communicate with the community. This includes social media, traditional mass media, reverse 911 phone calls and face-to-face contacts by going door-to-door if safe. The key communication implication is that social media is a tool, one of several communication tools. Richmond (2007) noted that if social media is viewed as a tool to enhance communications, depending on the goal, the benefits of social media would be recognized and adoption would be more widespread. It would have been interesting to note through literature if Virginia Tech official used social media tools to gather information as literature has been absent on this phase

of the incident. Further research to the NFD community could determine the likely communication modes used by the community, especially differing age groups, including cell phones, email and landlines. An effective crisis communication plan would then be able to be created. What is surprising is the speed in which Jones and Palen et al. (2007) document the earliest social media usage, one while the shooting may have still been occurring and a second one approximately 30 to 50 minutes after the shooting. This is before the scene was secured and the immediate crisis had been brought under control by the authorities. The implication for NFD is the speed which social media will begin during large emergencies or disasters.

Trust emerges as a key theme and implication for the NFD in the social media literature documenting the October 2007 fire siege in Southern California. Two trust issues with significant implications for the NFD include public officials lack of trust in social media and civilian reporting and the public's lack of trust in government and emergency response agencies for not communicating timely and effectively. Indeed, the spread of misinformation is a concern that the NFD should not ignore, but studies show (Agichteni, Castillo, Donato, Gionis, and Mishne, 2008) the reality is much more benign than the long-held belief. Palen and Liu (2007) acknowledge that citizen participation via social media will continue to increase and government agencies must find a way to incorporate this response into their strategic framework. As part of adaptive change, this researcher suggests the NFD, government officials and agencies should embrace the technology and find ways to minimize the concerns over misinformation and rumors. But as both McCarthy and Boyd (2005) and Sutton, Palen and Shklovski (2008) acknowledge, there are trust concerns with public officials being wary of community driven information. They have, however, found with each new disaster, social media communications are growing as a means for enhancing critical and accurate dissemination of information within

the public. This research suggests social media communication provides the opportunity for the public to engage, even create information, rather than be passive consumers of mass media. The implication for the NFD is that social media supports non-official, citizen-generated communication, allowing interaction between the public that has been demonstrated through sociology theories and practical case studies to be collectively resourceful, self-policing and generating information that cannot otherwise be easily obtained. Implications are that knowledge people will seek information from any means available and will lose trust in the fire service if information is not provided (Taylor, Gillette, Hodgson, and Downing, 2005). Trust concerns from the public towards government agencies' performance in emergencies and disasters should be a high priority as noted by Kaspersen (2003) and Sorensen (2000). NFD's guiding principles cite earning and maintaining the public trust as one of our highest obligations. An important implication for the NFD is that in creating a social media communication system, it must support public trust. Research notes the concerns that generate a lack of trust towards government agencies including communication availability via a functional web site, quick dissemination of critical information and redundant communication infrastructure to prevent system failures. As the US Fire Service has studied how people behave in fires which led to enhanced fire safety engineering, the same theories must be applied towards engineering functional social media communication solutions. We know how people will act after a large emergency therefore design a system to appropriately serve this emerging need.

The recent Fourmile Canyon Fire in Boulder, Colorado provides the most recent observations of human intervention after a disaster, the capability and ease of use with social technology and more importantly, it documents for the first time a government agency encouraging social media use. As Fish (2010) notes, she became involved after she could not

find any official disaster information online 30 minutes after the start of the fire. It is of note that the fire occurred on Labor Day morning, Monday, September 6, 2010. It is likely that all support personnel from local government agencies were not working due to the holiday. Further, a personal observation about the capabilities of the internet, this researcher was able to listen to live emergency radio traffic and view real-time video of this incident approximately two hours after the fire started, from his home office in California. The public became involved early, one setting up a Twitter account, a second one rebroadcasting official emergency dispatch information obtained from the county's web site. The implication for the NFD is that people, some with subject matter expertise, will quickly become involved and, to the best of their abilities, support the incident. There did not appear to be citizen-generated misinformation or rumor, and during the crisis phase of any major disaster, there will always be confusion, chaos, and challenges to obtain and communicate correct details. Spataro (2010) notes there did appear to be honest efforts, from citizens with backgrounds in journalism and technology. It is also interesting to note that the Fourmile Canyon Fire occurred on the outskirts of Boulder, Colorado, which is home to a major research University, the University of Colorado, and the home to the previously cited influential author of several articles for this paper, Leysia Palen. There is no literature evidence that Palen had better prepared her community or that her research created an enhanced response. There is evidence of normalized human social disaster response followed by the encouragement of local government officials to access social media. It would be of note for future research to examine the local official's motivation in encouraging social media use. There is evidence of a system breakdown with the reverse 911 failures, but it appears the social media encouragement occurred prior to the communication breakdowns. While Fish, Spataro (2010) and the City of Boulder facebook page advised citizens to use social media sites, there is no

research evidence to suggest fire agencies used social media to gather intelligence from the community to help make better decisions. There is evidence on Boulder's facebook page that it rebroadcast the information posted on the Twitter account. The important implications for the NFD is that as Spataro (2010) and White, Plotnick, Kushma, Hiltz and Turoff (2009) recommend that fire agencies utilize social media as mass notification services. Clearly this would not take the place of other systems, but rather a complimentary tool to existing communication infrastructure. The final, and most important implication for the NFD, is that social media use by the community in this situation was successful and the rumor and misinformation fears of government officials did not materialize.

The academic research papers and multi-discipline case studies are becoming increasingly blunt in their assessment and expectation of government agency support of social media and embracing technology. In support of this assessment, a research decision was made to evaluate one social media technology platform. Facebook was chosen because of its size, percentage of US users and the researcher had a contact within the company. Although the research question seemed simple, establish a census of fire agency facebook users, the answer was not simple to obtain. Further, the researcher wanted an unbiased accounting of US fire agencies taken in an anonymous, widespread, examination rather than a limited examination of colleagues via a web-based, surveymonkey, type of experiment. The results presented indicate a starting point for future researchers and motivation for other fire agencies not currently represented on facebook, to initiate their page. In this era of cost-conscious government, it is hard to argue a financial reason to not being on facebook as the service is free.

In the end, possibly the most important discussion of the results is that the percentage of fire agencies that have a facebook page is significantly less, 64.88 percent less, that the

percentage of the US population having a facebook page. This research found only 14.61 percent of the US fire service had a facebook page, but earlier research by insidefacebook.com found that 41.6 percent of the US population had a facebook account. Given the literature review on disaster sociology, technology and community expectations, the implication for the NFD is that there is an opportunity to increase service and safety with social media presence in times of emergency or disasters. This is in alignment with the NFD's mission to care for, protect and serve our communities.

RECOMMENDATIONS

The research findings lead to the logical recommendation that the NFD establish a social media program for the NFD EOC. Objective scientific data has demonstrated the need, the community expectation and the underutilization of this important communication tool. The data has shown US fire agencies are underrepresented in this technology use, the community will expect a social media presence and that government agencies be responsive in providing details. Data and literature have also provided a clear indication of successful, and unsuccessful, use by military, business and the fire service. The most important recommendation of this applied research is for the NFD to continue with the timely implementation of a social media program on a daily basis and especially, during EOC activations and emergencies. The recommendation to support a social media program in the NFD EOC comes from literature review and the data collection and analysis experiments. The collected data support the recommendations. Objective scientific data has driven the social media decision rather than supposition.

As noted in the data analysis, fire agency facebook representation is significantly less than the US population demonstrates both a technical challenge for the NFD, starting a facebook page, and an adaptive challenge, changing the belief that the NFD sees itself as an information

provider rather than information exchangers. As part of technical challenge, and following the research recommendation, the NFD has already established a facebook page (<http://www.facebook.com/NovatoFireDistrict>).

The research recommends a staff position at the highest levels within the NFD and EOC command structure, with this position being part of the general staff and reporting directly to the incident commander, much the same way the information officer position has been positioned. The recommendation to adopt a social media program will need to account for shrinking budgets and staff. There is limited capacity among current NFD staff to adopt this extra workload. A thorough task study of this proposed position is recommended to identify daily, non-disaster, responsibilities and more importantly, to identify those responsibilities that would need to occur immediately following a major emergency or disaster. One of the most critical concerns and challenges for the NFD is who in the organization or a senior staff member within the EOC is available and trained to immediately assume this role after a large emergency or disaster. Furthering this challenge is who will pay for training and position responsibilities given the economic challenges, the limited staff to support this and the focus of staff on higher priority operational tasks related to the emergency. The NFD's expectation would be that this social media position be staffed by an executive-level person with operational background who can quickly receive information, make operational sense out of it and then rapidly communicate this within the organization and back out into the community via social media.

The problem was that the NFD did not utilize social media technology to gather or share intelligence during EOC activations, which could cause unnecessary loss of life or increased injury, damage and suffering to community members and rescuers. As demonstrated, social media technology is an important tool for the NFD EOC. The purpose of this applied research

project was to recommend a social media usage program for the NFD's EOC. The recommendations relate to the problem and purpose

Future readers are encouraged to utilize this applied research project to create fire agency and EOC social media programs that meet the needs of their communities. Future readers and researchers can move this study forward by evaluating law enforcement uses of social media, comparing the percentage of facebook pages to that of other internet communication methods such as web pages, determining the accuracy and legitimacy of public-generated disaster data and compare it to data received from professional disaster responders and evaluating how EOCs utilize data gathered from social media sources.

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APPENDIX A

Experiment 1 Data

The screenshot shows a Facebook search interface. At the top, the search bar contains 'fire department' and the search button is labeled 'Search'. Below the search bar, there are navigation links for 'Home', 'Profile', and 'Account'. The search results are categorized into 'People' and 'Pages'. The 'People' section shows two results: Mitch Brookhyser (4 mutual friends) and John Sullivan. The 'Pages' section shows three results: Ventura County Fire Department (3,136 likes), Kern County Fire Department (5,507 likes), and Fire Department Training Network (4,622 likes). The right sidebar contains three advertisements: 'The Norris Group Trust Deeds', 'MLB Postseason Tickets?', and 'Valley Sign Source'.

facebook screenshot: October 26, 2010: Search term “fire department” returns About 8,800 Results

Name	# of Likes	Name	# of Likes
Fire Department			
FDNY - The Official Fire Department, City of New York	41654	Utica Vol. Fire Department (Ohio)	426
Boston Fire Department	20645	Crawford County District 5 Volunteer Fire Department	424
New York City Fire Department	17531	145th Fire Department	422
Buffalo Fire Department	13963	Central City Fire Department	422
Charlotte Fire Department, Charlotte NC	8398	Craytonville Fire Department	419
I support the Tulsa Fire Department	7053	Roundup Volunteer Fire Department (RVFD)	419
Bridgeport, CT Fire Department	6104	Columbiana Fire Department	418
Kern County Fire Department	5342	Ringgold Fire Department	418
Baltimore City Fire Department	3219	Edwardsville Fire Department	417
Kentland Volunteer Fire Department	3202	Stony Hill Rural Fire Department	415

Collective Intelligence in Emergency Management 65

Rossford Fire and Rescue Department	3071	Community Fire Department Station 32	414
Ventura County Fire Department	3060	Cool Springs Volunteer Fire Department	408
Maury County Fire Department	2707	Lynn Fire Department	407
Raleigh Fire Department	2527	Broken Bow Vol Fire Department	406
Anne Arundel County Fire Department	2466	Chatham Township Fire Department	404
San Antonio Fire Department	2387	Ruby Fire Department Inc.	402
Virginia Beach Fire Department	2219	Johnsburg Fire Department	401
Support Your Bridgeport CT Fire Department	2153	Ogonquit Fire Department	398
Fargo Fire Department	2076	Spring Creek Volunteer Fire Department	398
Seattle Fire Department	2045	Corinth Fire Department	397
City of Poplar Bluff fire Department	2004	Madawaska Fire Department	396
Tulsa Fire Department	1940	Barton Fire Department	394
PHILADELPHIA FIRE DEPARTMENT PARAMEDICS	1885	Lillington Fire Department	394
High Point Fire Department	1882	Raywick Fire Department	392
Columbia Fire Department	1862	Millstadt Fire Department	388
Los Angeles Fire Department	1845	Highland Home Volunteer Fire & Rescue Department	383
Lexington Fire Department	1829	Santa Barbara County Fire Department	383
Houston Fire Department	1764	Campbellsport Fire Department	380
The Lubbock Fire Department	1746	Clayton Fire Department	380
Fire Department-City of Jackson	1745	Toronto Fire Department	380
Utica Fire Department	1692	Dyer Fire Department	379
Plattsmouth Volunteer Fire Department	1682	Corning Fire Department	377
Bedford Fire Department	1632	Bennington Fire Department	376
City of Pigeon Forge Fire Department	1538	Cosby Volunteer Fire Department	373
City of Spokane Fire Department	1522	Fairview Fire Department	371
Harrisonburg Fire Department	1516	Islamorada Fire Rescue Department	365
Mt. Pleasant Fire Department TN	1465	Mexico Fire Department	365
Catoosa Fire Department	1452	Wiggins Fire Department	365
Ashland City Fire Department	1432	Deport Fire Department	364
University Place Fire Department	1423	Hog Chain Volunteer Fire Department	364
Pinch Volunteer Fire Department	1372	Emlenton Fire Department	363
Newark Fire Department	1351	Woodstock Fire Department	363
GEORGETOWN FIRE DEPARTMENT	1345	Woden Fire Department	362
Milwaukee Fire Department	1337	Cisco Fire Department	361
City of Greensboro Fire Department	1310	Dickinson Volunteer Fire Department	361
Gouverneur Fire Department	1299	Gloucester Fire Department	359
Bartlett Fire Department	1291	hammondsport fire department	357
Cherry Hill Fire Department	1283	Artesia Fire Department	353
Official Prince George's County Fire/EMS Department Page	1272	Dalton Fire Department	352
New Philadelphia Fire Department	1247	Sellersville Volunteer Fire Department	351
St Leonard Volunteer Fire Department	1231	Southwest Harbor Fire Department	351

Collective Intelligence in Emergency Management 66

City of Senatobia Fire Department	1203	Tri-Community Volunteer Fire Department	351
BIDDEFORD FIRE DEPARTMENT	1197	Rogers Fire Department	350
Hagaman Volunteer Fire Department	1183	Palenville Fire Department	349
Ithaca Fire Department	1178	Dix Hills Fire Department Fan Page	348
Rogersville Volunteer Fire Department	1175	Goshen Fire Department	345
Southaven Fire Department	1175	Hillsboro Area Fire Department	345
Long Beach Fire Department	1173	Allenton Volunteer Fire Department	344
Marshall Fire Department	1162	Oxbow Volunteer Fire Department	343
Hyattsville Volunteer Fire Department, Maryland	1130	Burke Volunteer Fire Department	339
Wright Township Volunteer Fire Department	1126	City of Sheboygan Falls Fire Department and First Responders	339
Huntsville Fire Department	1118	ARCH STREET VOLUNTEER FIRE DEPARTMENT	338
Cleburne Fire Department	1091	Wolfhurst Fire Department	338
Lenoir Fire Department Lenoir,NC	1085	East End Fire Department	337
Friends of the Madison Heights Fire Department	1075	Bushnell's Basin Fire Department	336
Eustis Fire Department	1065	New Lisbon Community Volunteer Fire Department	336
Rolling Hills Fire Department	1055	Tennessee City Fire Department	333
Salem Fire Department	1050	Macon Fire Department	332
Sauk City Volunteer Fire Department	1048	Rowley Fire Department	330
Village of Medina, NY Fire Department	1039	Wellston Fire Department	329
St. Anna Fire Department	1037	Englewood Fire Department	327
Clinton Fire Department	1032	Davison-Richfield Fire Department	326
Tarkington Volunteer Fire Department	1026	Casstown Volunteer Fire Department	325
Tullahoma Fire Department	1022	Petersburg Volunteer Fire Department	322
Zelienople Fire Department	1022	Bruin Volunteer Fire Department	320
Santa Barbara City Fire Department Information	996	Esopus Fire Department	320
Omaha Fire Department	991	Mount Desert Fire Department	320
Hardin County Fire Department	988	Baker Fire Department	318
Mattoon Fire Department	987	Gardendale Fire Department	318
DuBois Fire Department	976	Freeport Rural Fire Department	317
Rome Volunteer Fire Department, Inc.	968	PORT CHESTER FIRE DEPARTMENT	317
Southport Fire Department	934	Cherry Mountain Fire Department	314
Bellbrook Fire Department	927	Gardendale Fire Department	314
Canal Fulton Fire Department	921	Hurleyville Fire Department	313
DWIGHT FIRE DEPARTMENT	920	Riverhead Fire Department	313
Tupper Lake Fire Department	910	Ladonia Volunteer Fire Department	312
HOHENWALD FIRE DEPARTMENT	901	Paducah Fire Department	311
Lexington Fire Department	892	Hoover Volunteer Fire Department	310
ETHRIDGE FIRE DEPARTMENT	884	Stedman Volunteer Fire Department	308

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Huntington Manor Fire Department Fan Page	875	Star Volunteer Fire Department	305
Sevier County Fire Department	875	Adams Fire Department	304
Luray Fire Department	870	Hopkinton FT. Jackson Fire Department	304
Zelienople Fire Department	868	West Bryan County Fire Department	304
Naplate Fire Department	863	Solomon Fire Department	303
Sugar Creek Fire Department	862	Beaver Dams Volunteer Fire Department	301
Twin Valley Fire Department	860	Fairfields Volunteer Fire Department	301
Waco Fire Department	856	Verplanck Fire Department	300
Mims Volunteer Fire Department	851	Mechanicville Fire Department	299
Oak Island Fire and Rescue Department	841	David City Volunteer Fire Department	298
City of Napa Fire Department	840	Tryonota Fire department	298
Show Low Fire Department	826	Valatie Fire Department	298
City of Carbondale Fire Department	820	Goshen Volunteer Fire Department	297
Ottumwa Fire Department Local 395	801	Shaft Fire Department	297
Dennison Fire Department	797	Bladensburg Volunteer Fire Department (Ohio)	289
Avalon Volunteer Fire Department	788	Saugerties Fire Department	287
City of Richmond Kentucky Fire Department	781	Bedford Fire Department	285
North Star Volunteer Fire Department	781	Advance Fire Department	283
Prince Frederick Volunteer Fire Department	780	Horicon Fire Department	283
Tecumseh Fire Department	773	Manchester Fire Department	283
Tecumseh Fire Department	773	Wingfield Fire Department	283
Easthampton Fire Department	759	Fairfield Fire Department	279
Croft Fire Department	738	Center Grove Volunteer Fire Department	277
Brookside Fire Department	737	Lincolnton Fire Department	273
Batesville Fire Department	733	Elberta Fire Department	272
Odessa Fire Department	725	Gallupville Fire Department	270
Reems Creek Fire Department	718	Scalp Level Paint Fire Department Sta. 616	267
Salisbury Fire Department	717	Swearengin Fire Department	267
Crystal Fire Department	706	Gilbertsville Fire Department	266
Carver Fire Department	705	Westminster Fire Department	266
Clayton Fire Department	692	Highlands NJ Fire Department (Station 17-1)	264
BLACKSTONE VOLUNTEER FIRE DEPARTMENT	688	Albany Volunteer Fire Department	263
Middlefield Fire Department	688	Babylon Fire Department	263
Dixon City Fire Department	685	Harvard Fire Department	263
Pearl City Fire Department	685	Knottsville Fire Department	263
Tusculum Volunteer Fire Department	684	Shannon Fire Department	263
Cassopolis Fire Department	681	Suffield Fire Department	263
McDowell Volunteer Fire Department	680	Breeding Fire Department	262
Scarborough Fire Department	680	Shelburne Fire Department	262

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Green Bay Fire Department	679	Westport Fire Department	258
Washington Township Fire Department	678	Bethel Fire Department	256
Pensacola Fire Department	676	Findlay Fire Department	255
Tiltonsville Fire Department	676	Washington Township Fire Department	255
Delmar Fire Department	675	Erie Fire & Ambulance Department	252
Ellsworth Fire Department	670	Cove Volunteer Fire Department	249
Micro Volunteer Fire Department	670	Rockaway Beach Volunteer Fire Department	247
Pasadena Volunteer Fire Department	670	Coplay Fire Department	246
TEXAS	670	Shepherdstown Fire Department	246
Woodsfield Fire Department Station 40	668	Town of Livingston Fire Department	246
Auburndale Fire Department	660	MONT ALTO FIRE AND EMS DEPARTMENT	244
Ashburn Volunteer Fire Rescue Department (AVFRD)	656	Ash Flat Fire Department	243
Farmington Fire Department	650	Munfordville Volunteer Fire Department	243
Wittenburg Fire Department	650	Pierpont Fire Department	242
Arvada Fire Department	644	Bolivar Fire Department	241
Long Grove Volunteer Fire Department	641	Halcottsville Fire Department	241
Converse Fire Department	634	Modoc Fire Department	240
Hebron Volunteer Fire Department	631	Maroa Fire Department	239
Port Arthur Fire Department	628	Theresa Fire Department	239
Greenbelt Volunteer Fire Department & Rescue Squad, MD	624	Galena Fire Department	238
Mesa Fire Department	620	Boothbay Fire Department	237
Shelby Fire & Rescue Department	618	Newburyport Fire Department Local 827	237
Official York, Maine Fire Department Page	613	Pineville Fire Department	236
Black Mountain Fire Department	608	Grace Chapel Volunteer Fire Department	235
City of Loudon Fire Department	608	Oran Fire Department	234
Sauk Village Fire Department	607	Owensville Fire Department	234
Sauk Village Fire Department	605	San Juan County Fire Department	233
Biscoe Fire Department	604	Brillion Fire Department	231
Marion Volunteer Fire Department, Marion Virginia	604	Hiddenite Fire Department	228
Eastern Wake Fire - Rescue Department	594	SALISBURY VOLUNTEER FIRE DEPARTMENT STATION 618	228
Herculaneum Fire Department	594	Bayport Fire Department	227
St. Michaels Fire Department, Inc.	594	Norway Fire Department	227
Queen Creek Fire Department (Official)	593	Bethsadia Volunteer Fire Department	225
Hamilton Fire Department	592	North Canton Fire Department	225
Clinton Twp. Fire Department	591	Bronson Fire Department	224
Orland Fire Department	591	Millbrook Fire Department	222
Sabattus Fire Department	591	Rhome Fire Department	222
Oxford Fire Department	588	Candor Fire Department	221
Milford Fire Department	587	Maryland City Volunteer Fire	221
North Conway Fire Department Honor	584		

Collective Intelligence in Emergency Management 69

Guard		Department	
Pearland Fire Department	582	Salem Township Fire Department	221
City of Houston Fire Department	569	Searsport Fire Department	221
Nocona Fire Department	569	Pinehurst Fire Department	220
Stockton Fire Department	564	East Wood Volunteer Fire Department	219
Russell City Fire Department	563	Coleta Valley Volunteer Fire Department	217
Stamford Fire & Rescue Department	559	Avoca Fire Department	216
Fishers Fire Department	557	Garretson Fire Department	216
Leonardtown Volunteer Fire Department	556	Lubec Fire Department	216
Twinsburg Fire Department	555	Plainville Fire Department	216
East End Fire Department - Mercer, PA	553	North Corning Fire Department	215
NORTH LAWRENCE FIRE DEPARTMENT	550	Two Rivers Volunteer Fire Department	215
Sublette Fire Department	550	Ladd Fire Department	214
St Andrew's Fire Department	539	Gaston Volunteer Fire Department	213
Rayland Volunteer Fire Department	537	Schaghticoke Fire Department	213
Petersburg Fire Department	536	West Columbia Volunteer Fire Department	213
Rutherfordton Fire Department	536	Greenville Fire Department	212
Westminster Fire Department	536	Albany Fire Department	210
Tomball Fire Department	535	Clinton Fire Department	207
Bluff City Volunteer Fire Department	534	Terryville Fire Department Company 1	206
New Caney Fire Department	532	Swanzy Fire Department	205
Manhasset-Lakeville Volunteer Fire Department	531	Freeport Fire Department	204
Munford/Atoka Fire Department	531	Friendship Fire Department	204
Verona Fire Department, NJ	530	Greenup Fire Department	204
Eliot Fire Department	527	Northwest Volunteer Fire Department	204
Ruffin Volunteer Fire Department	526	Constantine Fire Department	202
Maynardville Fire Department	525	Lexington Fire Department	202
Rapid City Fire Department	523	Tivoli Fire Department	200
Bull Shoals Fire Department	521	Gallipolis Fire Department	199
Alburtis Fire Department	520	Mulberry Fire Department	199
Penrose Fire Department	520	OWASCO FIRE DEPARTMENT	198
Cherry Valley Volunteer Fire Department	519	Payneville Fire Department	197
Canyon Fire Department	518	Beechwood Fire Department	195
Savannah Volunteer Fire Department	514	Rexford Fire Department	194
Easton Vol. Fire Department	511	Ozark Fire Department	193
Conroe Fire Department	504	Merriam Fire Department	189
Washington Township Fire Department	503	Churubusco Fire Department	188
Wellsburg Volunteer Fire Department	502	Howland Fire Department	179
Hambden Fire Department	499	Greenough Fire Department	177
City of Leander Fire Department	492	Rochelle Fire Department	177
Columbia Fire Department	490	Corinna Fire Department	175

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Germantown Fire Department	488	Cridersville Fire Department	172
Lisbon Fire Department	488	Carencro Fire Department	167
Shadyside Fire Department	488	Varick Fire Department	165
Alameda County Fire Department	487	Whippany Fire Department	164
Clawson Fire Department	487	Orland Fire Department	163
Christianburg Volunteer Fire Department	480	Ipswich Fire Rescue Services Department	162
Millington Fire Department	480	Brookings Fire Department	161
City of Olathe Fire Department	475	Denair Fire Department	160
Whitehall Fire Department - Station 36	475	Creekside Fire Department	159
Milton Freewater Rural Fire Department and Ambulance	472	Franklin Fire Department	159
Bloomington Fire Department	471	Hornbeak Fire Department	158
Bath Township Fire Department	470	Wamsutter Volunteer Fire Department	156
Big Marsh Fire Department	470	Springs Fire Department	155
Altoona Fire Department	469	Hatley Fire Department	150
Robinson Fire Department	469	Lacy Lakeview Fire Department	149
Millville Fire Department	468	Baskett Fire Department	148
Savona Fire Department	468	Grape Creek Volunteer Fire Department	147
Edgewood Fire Department	464	Quincy Fire Department	145
HARTFORD FIRE DEPARTMENT	462	Genoa Fire Department	143
Tellico Plains Fire Department	462	Hartwick Fire Department Company 2 - Hartwick Seminary	143
Clinton Fire Department	461	Dexter Fire Department	139
The Bath Volunteer Fire Department	459	Carroll County Fire Department Chaplain Program	137
Hughesville Volunteer Fire Department and Rescue Squad	458	East 52 Volunteer Fire Department	134
Love Fire Department	458	Division of Life Safety - Kent Island Volunteer Fire Department	132
Middleburgh Fire Department	458	Elk Creek Fire Department	131
Flat Rock Fire Department	457	Hopatcong Fire Department	127
Kingsbury Volunteer Fire Department	457	Milledgeville Fire Department	126
Plainfield Fire Department	454	McKownville Fire Department	125
Priceville Volunteer Fire Department	454	Calcedever Fire Department	124
Chico Fire Department	453	Fire Department Oed	122
Satsuma Fire Department	453	Westwood Fire Department (Johnstown PA)	121
Lindenwold Fire Department	451	North Hornell Volunteer Fire Department	120
Kentland-Jefferson TWP. Fire Department	448	Sauquoit Fire Department	120
Greenback Volunteer Fire Department	447	DuPont Fire Department	119
City of Buckley Fire Department	446	Slovak Volunteer Fire Department	116
Pleasant View Volunteer Fire Department	445	Westfield Fire Department	115
Lynchburg Fire Department	442	Montville Volunteer Fire Department	113
Green Springs Fire Department	440	Mitchell Volunteer Fire Department	111

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Osawatomie Volunteer Fire Department	439	Henry Hiteman Engine & Hose Company, West Winfield Fire Department	110
Blair-Preston Fire Department	438	Scandia Volunteer Fire Department	109
Victoria County Fire Marshal/Fire Department	438	St. Rose Volunteer Fire Department	108
Proctorsville Volunteer Fire Department	436	CENTRALIA-PEOSTA FIRE DEPARTMENT	106
Kennett Fire Department	434	Hyndman Vol. Fire Department	106
Alexandria Bay Fire Department	433	Tar Heel Fire Department Ladies Auxiliary	104
Sloatsburg Fire Department	432	Monmouth Junction Vol. Fire Department	102
Balsam-Willets-Ochre Hill Volunteer Fire Department	431	Eldridge Fire Department	99
Tiawah Fire Department	431	Arrington Fire Department	89
Smithville Fire Department	430	DCSR fire department	88
Marmet Fire Department, Inc.	427	Deming Fire Department	84
Sterling Fire Department	427	Lillian Fire Department	72
Helena Community Volunteer Fire Department	426	Newport Fire Department	20

TOTAL FIRE DEPARMENT COUNT: 516

facebook screenshot: October 26, 2010: Search term “fire district” returns About 1,000 Results

Name	# of Likes	Name	# of Likes
Fire District			
St. Lucie County Fire District	1323	River Delta Fire District	147
DISTRICT 5 VOLUNTEER FIRE DEPT.	1170	Spring Bay Fire Protection District	144
Livingston Parish Fire Protection District #4	1099	St. Tammany Fire Protection District #1	143
South Walton Fire District	914	Wild Rose Fire District	142
Morris Fire Protection and Ambulance District	851	Woodbridge Fire District	142
South Trail Fire Protection & Rescue Service District	840	Reno County Fire District #3	141
Banks Fire District #13	790	Ashley Community Fire Protection District	140
Marseilles Fire Protection District	785	Rapides Parish Fire District No. 2	139
Verdigris Fire District	735	Brookline Fire Protection District	138
Lakewood Fire District 2	734	Douglas Okanogan Fire District 15	138
Fort Lupton Fire Protection District	725	Fort Osage Fire Protection District	138
Livingston Parish Fire Protection District #2	717	Sac Osage Fire Protection District	138
Stillman Fire Protection District	707	Indian Ford Fire District	137
Rolla Rural Fire Protection District	691	Windsor Fire Protection District	137

Seventh District Volunteer Fire Department	656	Butler Co Fire District #7 Benton KS.	134
East Fishkill Fire District		Hamden Fire Dept. Mix District	
Humanitarian Committee	647	Volunteer Co. 7	134
Harlem-Roscoe Fire Protection District	646	Kiowa Fire Protection District	133
Sweetwater County Fire District #1	618	Spearsville Vol. Fire District	133
THE SOUTHERN STONE COUNTY FIRE PROTECTION DISTRICT	604	Ridgeway District Volunteer Fire Department	130
New Lenox Fire District	602	Rancho Santa Fe Fire Protection District	129
Lakeside Fire District	601	Tiburon Fire Protection District	129
Battlefield Fire Protection District	582	Wiggins Rural Fire Protection District	129
Doolittle Rural Fire Protection District	582	Keating Rural Fire Protection District	126
Independence Fire District	582	Richwoods Fire Protection District	123
Lebanon Fire District LFD - Fan Page	555	Brookland Fire Protection District	122
Westville Area Fire Protection District	540	Florissant Fire Protection District	122
Utica Fire Protection District	536	Spencer Community Fire District	122
Northwest Fire/Rescue District	524	Verde Valley Fire District	122
Pilot Knob Fire Protection District	521	Mosinee Fire District and Ambulance Service	120
Logan Rogersville Fire Protection District	514	Fremont County Fire Protection District	118
Central Joint Fire District	510	St. Tammany Fire Protection District No. 5	118
Collinsville Rural Fire Protection District	510	Dalzell Fire Protection District	116
Lincoln Rural Fire Protection District	504	Lone Peak Fire District	116
Natrona County Fire District	500	Caddo Fire District #3	113
Alexandria Fire District	479	Eureka Fire Protection District	112
Basil Joint Fire District	478	Search & Rescue Team	112
Ashton Fire Protection District	475	Linn Fire Protection District	112
Deer Creek Fire Protection District	471	St. Tammany Fire Protection District No. 11	110
Nixa Fire Protection District	467	Carlock, IL Fire Protection District	109
Amboy Fire Protection District	454	Northwest St. Clair County Fire Protection District	109
Lakeport Fire Protection District	454	Clever Fire Protection District	108
Canby Fire District	431	Harrison County Fire District	108
Union Fire Protection District	428	Newton Falls Joint Fire District	108
Crawford County District 5 Volunteer Fire Department	425	Piner Fiskburg Fire Protection District	106
Scales Mound Fire Protection District	424	Grand Fire Protection District #1	105
Lincoln County Fire Protection District #1	418	Clements Fire District	104
Salem Fire Protection District	406	Dakota Fire Protection District	103
Spokane County Fire District 9	405	Arlington Rural Fire District	102
		St. Helena Fire District #4	102

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Manhattan Fire Protection District	404	Cosby-Helena Fire Protection District	101
The Geyserville Fire Protection District	401	Marlboro Fire Department District #1	100
Aroostook Fire Protection District 1	393	Northern Lakes Fire District	100
Hotchkiss Fire Protection District	390	Brazos County District 2 Volunteer Fire Department	99
Northside Fire District / F.B. Peck Fire Department	390	Third District Volunteer Fire Department	98
Minooka Fire Protection District	388	Goodbye Fire dept District 13	97
Fire District #13 Inc.	386	Lincoln Parish Fire Protection District #1	97
Harristown Fire Protection District	386	Bolinas Fire Protection District	96
Illinois Valley Fire District	383	Bacon District Volunteer Fire Department	95
Redings Mill Fire Protection District	380	Snohomish County Fire District #22	93
Tri-County Fire Protection District	376	Snohomish County Fire District # 26	92
Fayette Township Fire District	375	Greater Eagle Fire Protection District	91
Menifee County Fire Protection District	375	Lower Valley Fire District	90
Clark County Fire District 6	373	San Juan Island Fire District 3	88
Grant Park Fire District	361	Williamson County Fire Protection District	87
Bourbonnais Fire Protection District	359	Allen Parish Fire District 3	83
Green Valley Fire District	356	Lincoln-Ottawa-Harrison Fire District	81
Fall Creek Area Fire District	353	Western Cass Fire Protection District	81
St. James Fire Protection District	350	Woodlawn Fire Protection District	81
Gaston Rural Fire District	349	Divide Colorado Fire Protection District	80
Rocky Branch / Crossroads Fire District	348	Laramie County Fire District #4	80
Warrensburg Fire Protection District	341	Chelan County Fire District No. 1	79
Johnson County Rural Fire District #2	337	Joseph City Fire District	79
Odin Fire Protection District	337	Monroe Fire District #3	79
San Carlos Park Fire District	337	Lafourche Parish Fire District 3	78
Limestone Fire Protection District	336	District Eight Fire Department	77
Apple River Fire Protection District	335	Argyle Vounteer Fire District	75
Stayton Fire District	331	Big Walnut Joint Fire District	72
Warrenton Fire Protection District	328	IUKA FIRE PROTECTION DISTRICT	72
PEMBROKE FIRE PROTECTION DISTRICT	324	Moraga-Orinda Fire District	72
East Niceville Fire District	319	Sublimity Fire District	72
BUECHEL FIRE PROTECTION DISTRICT	309	Kinloch Fire Protection District	71
Southern Platte Fire Protection District	308	Russellville/Lohman Fire Protection District	71
Laytonsville District Volunteer Fire Department	307	Tilton-Northfield Fire District	68
Hematite Fire Protection District	300	Firefighters Association	68
		Russell County Fire District #5	67

Lynch Area Fire Protection District	300	Molalla Fire District	66
Three Points Fire District	300	St. Tammany Fire District 3	66
Pleasant View Fire Protection District	294	Ogden Royal Fire Protection District	65
Sun City West Fire District	292	Skagit County Fire District #3	64
Shelby County Suburban Fire District	284	Tesuque Fire District	64
King County Fire District 20	280	Excelsior Fire District, MN	62
Midway Fire District	278	Spencerport Fire District	62
Nokomis Area Fire Protection District	276	Bridgeport Fire Protection District	60
Fire District 3	274	Cowley County Fire District IV	60
Dayton District Volunteer Fire Company	271	Wright City Fire Protection District	60
Novato Fire Protection District	269	Lyons Rural Fire District	59
Springhill Fire District 11	269	Oak Grove Fire Protection District 25	57
San Diego Rural Fire Protection District	266	Hope Valley - Wyoming Fire District	56
New Hamburg Fire District	265	Logan-Trivoli Fire Protection District	56
Cole County Fire Protection District	262	ERICA & DISTRICT RURAL FIRE BRIGADE	54
Pacific County Fire District #1	256	Grant Parish Fire District 3	54
Williamson County Fire Protection District Station 6	252	Crescent Fire Protection District	53
Vernonia Rural Fire Protection District	251	Lakeview Fire District	53
Waynesville Rural Fire Protection District	250	Lanark Fire Protection District	53
Montezuma Fire Protection District	248	NEW BLOOMFIELD FIRE DISTRICT	53
North Washington Fire Protection District	248	Basalt & Rural Fire Protection District	52
East Naples Fire Control and Rescue District	247	Amherst Fire District	51
Momence Fire Protection District	246	Central Jackson County Fire Protection District	51
Centennial Fire District	245	Cowlitz County Fire District 5	51
Douglas County Fire District No.2	242	Tubac Fire District	48
Metro West Fire Protection District, St. Louis County Missouri	238	Torrance County Fire District three	47
Tri-District Fire Protection District	230	North Summit Fire Service District	45
Livingston Parish Fire Protection District #7	228	Attica-Venice-Reed (AVR) Fire District	44
San Ramon Valley Fire Protection District	228	DeKalb Fire Protection District	44
Centralia Fire Protection District	223	Good Hope/Sciota Fire Protection District	44
Channahon Fire Protection District	222	Osage Beach Fire Protection District	44
Cowlitz County Fire District #6	222	Myers Flat Vol. Fire Protection District	41
Southern Webster County Fire Protection District Station #2	222	Jenkins Fire Protection District(38
Cople District Volunteer Fire Department	220	Jenkins, Mo.)	38
		Western Lewis County Fire Protection District	37

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Doe Run Fire Protection District	219	Caddo Fire District 1	35
VOORHEES FIRE DISTRICT	219	Findlay Fire Protection District	34
Beauregard Parish Fire District 3	216	Pleasant Hill Fire Protection District	33
Yakima County Fire District #5	215	Yampa Fire Protection District	33
Sullivan Fire Protection District	212	Bodega Bay Fire Protection District	32
Sterling Fire District	210	Wilder Rural Fire Protection District	31
Willard Fire Protection District	208	DeWitt Fire District	30
St. Tammany Parish Fire Protection District #2	207	Niagara Rural Fire Protection District	30
Emington-Campus Fire Protection District	202	Atwood Fire Protection District	28
Washington County Fire District 2	201	Rural Pope County Fire Protection District	28
West County EMS and Fire Protection District	198	Alhambra-Hamel Fire District EMS	27
Beaverville Fire Protection District	195	Peeples Valley Fire District	27
Hebron Fire Protection District - Kentucky	194	Western Cass Fire Protection District	25
North County Fire Protection District	193	Brumley Volunteer Fire Protection District	23
Oakwood Fire Protection District	193	Woodside Fire District Foundation	23
Lewis County Fire District #11 Pe Ell, WA	190	Greater Round Lake Fire Protection District	22
Thiells-Roseville Fire District Dept.26	190	Boone County Fire District	21
Friends of Keizer Fire District	189	Lund Fire District	20
Gower Fire Protection District	188	Hebron-Alden-Greenwood Fire Protection District	19
Nassau Fire District	188	Southern Inyo Fire Protection District	19
Tice Fire & Rescue District	187	Washington Parish Fire District 6	19
Long Creek Fire Protection District	185	Clallam County Fire/EMS District #5	16
Southern Campbell Fire District	185	Janesville Fire District	16
Woodburn Fire District	185	Duncan Valley Rural Fire District	15
District 3 Volunteer Fire Department	184	Jackson 105 Fire protection District	15
Maple Rural Fire District	183	East Greenwich Fire District	14
Woodstock Fire/Rescue District	183	Lakeview Heights Fire Protection District	13
Rancho Adobe Fire District	181	Penryn Fire Protection District	12
Burton Fire District	179	Osage Beach Fire Protection district	11
Homer Fire Protection District	177	Dorcas Fire District	10
Dousman Fire District	176	Pettis County Fire District	8
St. Tammany Fire District # 4	176	Southwest Camden County Fire Protection District	8
BVFD Fire District	174	Klamath County Fire District #1	7
Platte Valley Fire Protection District	172	Westphalia Fire Protection District	7
Fire District 26 Ryan Twp	170	Central Crossing Fire Protection District, Shell Knob, MO	6
Fire/Rescue	170	Polk County Fire District No.1	6
Forestville Fire Protection District	170	Herald Fire Protection District	5
Wyoming/Speer Fire District	170		

Collective Intelligence in Emergency Management 77

Ward Six Fire Protection District No. One	167	New Hamburg Fire District	5
South Walton Fire District Junior Lifeguard Program	165	Hazardville Fire District	4
Immokalee Fire Control District	164	East Fishkill Fire District	3
Hoodland Fire District #74	161	Sam Owen Fire District	3
Concordia parish Fire District #2	159	St. Maries Fire Protection District	3
Kell Fire Protection District	159	Columbia Fire Protection District	2
Vacaville Fire Protection District	157	Grant Park Fire District	2
Holley-Navarre Fire District	156	Montecito Fire District	2
Kankakee Township Fire Protection District	156	Pilot Rock Fire District	2
Wellington Napoleon Fire Protection District	154	Shumway Fire Protection District	2
Diamond Area Fire Protection District	153	Whitefield Fire District	2
Peninsula Fire Protection District	153	East Greenwich Fire District	1
Coles District Volunteer Fire Department	150	Irmo Fire District	1
Cornbelt Fire Protection District	148	Sangamon Valley Fire Protection District	1
Wayne Fire Protection District #1	148		

TOTAL FIRE DISTRICT COUNT: 337



facebook screenshot: October 26, 2010: Search term “county fire” returns About 1,900 Results

Name	# of Likes	Name	# of Likes
County Fire			
Orange County Fire Authority	3899	HOUSTON COUNTY FIRE DEPARTMENT	231
Montgomery County (MD) Fire & Rescue	3018	Liberty County Fire Services	231
Maury County Fire Department	2728	SUPPORT Jasper County Fire Rescue Service	231
Mercer County Fire/EMS alerts	2569	Cowlitz County Fire District #6	223
Anne Arundel County Fire Department	2489	Southern Webster County Fire Protection District Station #2	220
Coweta County Fire Dept	1628	Floyd County Fire Dept St. 1	215
Middlesex County Police and Fire Pipes and Drums	1545	Tarrant County Fire Alarm	207
TRAVIS COUNTY FIRE CONTROL	1528	Fairfax County Fire and Rescue Department	201
Support Your Pasco County Professional Fire Fighters	1419	Washington County Fire District 2	201
Erie County Fire Wire	1407	Carroll County Volunteer Fire Department Inc, Carrollton OH	199
St. Lucie County Fire District	1323	Contra Costa County Fire Protection District	196
Official Prince George's County Fire/EMS Department Page	1286	Grundy County Rural Fire Protection District	195
Page County Fire- EMS	1239	North County Fire Protection District	193
Henderson County Fire Dept	1234	Meadowood County Area Fire Department	190
Monroe County Fire Bureau	1124	Lewis County Fire District #11 Pe Ell, WA	189
Loudoun County Volunteer Fire-Rescue	1121	Caroline County Fire, Rescue, and	178

Collective Intelligence in Emergency Management 79

		Emergency Management	
Madison County Fire Rescue House	1032	Jerome Township Division of Fire (Union County)	175
Scott County Fire Department	1029	Johnson County Rescue Squad / Staffordsville Fire	172
Hardin County Fire Department	999	Otsego County Fire Department	172
Calvert County Volunteer Fire-Rescue-EMS	920	Laurens County Fire Service	164
Deerfield Township Fire Rescue (Warren County, Ohio)	901	TALLAHATCHIE COUNTY FIRE AND RESCUE	164
Sevier County Fire Department	876	Luzerne County - Fire North	162
Essex County Fire and Rescue Service	859	Central Polk County Fire Rescue	160
West Polk County Volunteer Fire and Rescue	809	Anderson County Ky Fire District St 2	156
West Polk County Volunteer Fire and Rescue	807	Southwest Lincoln County Fire Department	144
Sullivan County Fire Department	787	Gouglersville Fire Company, Berks County Station 56	143
Tarrant County Fire Rescue	767	Levy County Fire Rescue (Station 78)	143
Erath County Volunteer Fire Rescue	746	Screven County Fire Department	142
Rockingham County Professional Fire Fighters	726	Reno County Fire District #3	141
James City County Fire Department	710	Potter County Fire News	137
Jefferson Township Fire Department (Madison County, Ohio)	673	East County Fire & Rescue	132
Beaver County Fire/EMS alerts	666	Mariposa County Fire Department	130
Schuylkill County Fire Companies	655	Henrico County Division of Fire	127
Stewart County Fire Service	648	Soperton, Treutlen County Fire Dept.	126
Luzerne County PA Fire & Rescue Forum	623	Brazos County Precinct 3 Volunteer Fire Department	125
Sweetwater County Fire District #1	618	Eastern Douglas County Volunteer Fire Department	125
THE SOUTHERN STONE COUNTY FIRE PROTECTION DISTRICT	604	King William County Fire, Rescue & Emergency Services	120
Montgomery County Fire/EMS	597	Fremont County Fire Protection District	118
Lawrence County Fire/EMS Alerts	592	Williamson County Fire Protection District Station No. 2	118
Washington County Dept. of Fire and Emergency Services	574	West Carter County Volunteer Fire Department	116
McCracken County Fire Departments	546	Butler County Fire District #3	115
Giles County Fire & Rescue	509	Torrance County Fire Dept. Dist # 5	115
Clark County Fire & Rescue	508	Comal County ESD No. 3 (Canyon Lake Fire / EMS)	113
Natrona County Fire District	500	Northwest St. Clair County Fire Protection District	110
Eagles Wing Elkhart Fire Departments City/County	497	Harrison County Fire District	107
St. Mary's County Fire/EMS Resource	497	Piney Grove Vol. Fire Dept. of Sampson County NC	103
Alameda County Fire Department	489	Ranlo Fire and Rescue, Gaston County NC	103
Metro Moore County Fire & Rescue	467	Anderson County Fire Department	102

Collective Intelligence in Emergency Management 80

Victoria County Fire Marshal/Fire Department	441	Quad County Fire Protection Dst.	100
Roanoke County Fire & Rescue Volunteers	436	Brazos County District 2 Volunteer Fire Department	99
Stafford County Fire Rescue	432	Hillsborough County Fire Rescue	98
Crawford County District 5 Volunteer Fire Department	425	Calhoun County Volunteer Fire Department	94
Middlesex County Fire Coordinators	417	Snohomish County Fire District # 26	93
Lincoln County Fire Protection District #1	415	Anne Arundel County Volunteer Fire Company	91
Lawrence-Douglas County Fire Medical	405	Columbia Township Fire Department, Whitley County, Indiana	91
Spokane County Fire District 9	404	Lee County Volunteer Fire Dept	91
LAURENS COUNTY FIRE DEPARTMENT	390	Jackson County Central Fire Department	88
Santa Barbara County Fire Department	384	Union County Vol. Fire Department	83
Menifee County Fire Protection District	376	Chelan County Fire District No. 1	79
Tri-County Fire Protection District	376	Palm Beach County Fire Rescue	79
Clark County Fire District 6	372	Baltimore County Fire Department	78
Fairfield Fire Department Essex County N.J.	358	Bedford County Fire Department	75
Huntingdon County Fire & Ems	347	Union County Fire - Rescue	75
Hickory County Fire & Rescue	341	Caroline County Fire-Rescue	70
Johnson County Rural Fire District #2	338	Rhea County Vol. Fire Dept.	69
Santa Fe County Fire Department	335	Seminole County EMS/Fire/Rescue Station 42	68
Howell County Rural Fire Dept	334	Russell County Fire District #5	67
Tazewell County Fire Rescue	332	TRI-COUNTY VOLUNTEER FIRE DEPARTMENT	67
County Line Fire Department	325	Skagit County Fire District #3	64
Ballardsville Fire & Rescue, Oldham County KY	324	Towns County Fire Department	64
Tri-County Volunteer Fire Company	320	Cowley County Fire District IV	59
Anderson County Fire and Emergency Management	318	North East Clay County Volunteer Fire Department	54
Warren County Fire and Rescue	317	Midland County Northeast Volunteer Fire Department	49
North Tunica County Fire Department	316	Torrance County Fire District three	47
Clay County Volunteer Fire and Rescue	313	Iudowici long county fire dept.	46
Milford Township Fire Department-Butler County, OH	310	Los Angeles County Fire Department	44
West Bryan County Fire Department	305	Nassau County Fire Service Academy	41
Union Fire Company No. 1 - Manchester, PA	301	South Ector County Volunteer Fire Department	40
York County Station 23	301		
Support Your Abbeville County Fire Fighters	298	Cherokee County Fire	37
Northern Blair County Forest Fire Crew	292	Rutherford County Fire and Rescue	37
Shelby County Suburban Fire District	284	Western Lewis County Fire Protection District	37
King County Fire District 20	278	Lane County Fire District #1	35
Ludowici-Long County Fire Department	266	Northeast Lincoln County Fire	31

Collective Intelligence in Emergency Management 81

Goochland County Fire-Rescue	265	Rural Pope County Fire Protection District	28
Livingston County Fire and EMS	265	Darlington County EMS/FIRE	24
ZAPATA COUNTY FIRE DEPARTMENT	263	Orange County Fire	24
Cole County Fire Protection District	262	Palm Beach County Fire Rescue	22
Pierce County Fire Dist #23	262	Fresno County Fire	21
Pacific County Fire District #1	257	South Gulf County Volunteer Fire Department	21
Lincoln County Volunteer Fire Rescue	253	Clallam County Fire/EMS District #5	16
Centre County Fire	252	Decatur County Fire and Rescue	10
Williamson County Fire Protection District Station 6	250	Klamath County Fire District #1	7
Volunteer Fire Fighters of Warren County Pennsylvania	244	Fannin County Fire/Ems	5
Douglas County Fire District No.2	241	Polk County Fire	4
fannin county ems/fire	239	Scioto County Fire	3
Metro West Fire Protection District, St. Louis County Missouri	237	Decatur County Fire and Rescue	2
San Juan County Fire Department	236	howell county roul fire dept.	2
Forrest County Fire Services	233	Bolivar County Volunteer Fire Department	1

TOTAL COUNTY FIRE COUNT: 196

APPENDIX B

Experiment 2: Data Sample

	facebook	Use for		facebook	Use for
Fire Agency Name	page?	emergency?	Fire Agency Name	page?	emergency?
Bowling Green Fire Division	Y	Y	Hermosa VFD Hermosa	N	N
DEMING FIRE DEPT. DEMING	Y	Y	Holbrook Fire Dept.	N	N
DeSoto Fire Dist. #9 Frierson	Y	Y	Holden Fire Dept. Holden	N	N
Kennebunk Fire Rescue Kennebunk	Y	Y	Hollister Vol. Fire Dept.	N	N
Mifflin VFD Ashland	Y	Y	Holtville Fire Dept. Holtville	N	N
Southwest Harbor Fire Dept. Southwest Harbor	Y	Y	Houlton Fire Dept. Houlton	N	N
St. Tammany Fire Dist. No. 5	Y	Y	Hoyt Fire Dist. #3 Hoyt	N	N
Toronto Fire Dept. Toronto, OH	Y	Y	Hughes County Fire Dept	N	N
Albany Area VFD Albany	Y	N	Huron Fire Dept Huron	N	N
Anna Fire Dept. Anna	Y	N	Independence Fire Dept	N	N
Bodega Vol. Fire Dept. Bodega	Y	N	Independence Vol. Fire.	N	N
Bourbon County Fire Dist. # 3	Y	N	Inverness Fire Dept. - Citrus County Fire Rescue	N	N
Bowdoin Fire and Rescue	Y	N	Jefferson Davis Fire Dist. 4	N	N
Burdett Fire Dept. Burdett	Y	N	Jefferson VFD	N	N
Cape San Blas Vol. Fire Dept.	Y	N	Jennings Fire Dept.	N	N
COLUMBUS DIVISION OF FIRE COLUMBUS	Y	N	Johnson County Fire Dist. No. 2 Stilwell	N	N
Concord TWP Fire Dept. Concord(Y	N	Keswick Vol. Fire Company Redding(N	N
Depoe Bay RFD Depoe Bay	Y	N	Key Biscayne Fire Rescue Dept.	N	N
DeSoto Fire Dist. 3 Stonewall(318) 925-0087	Y	N	Key Largo Vol. Fire-Rescue Dept.	N	N
East Milton Vol. Fire Dept.	Y	N	Kissimmee Fire Dept.	N	N
Easton Fire Dept. Easton(207) 488- 6652	Y	N	La Verne Fire Dept. La Verne(909) 596-5991	N	N
Essex Fire Dept Essex(978) 768- 6363	Y	N	Lafayette F.D. Lafayette 503-864-2824	N	N
Falls TWP Fire Dept. Zanesville(740) 453-1942	Y	N	Lake Butler Vol. Fire Dept.	N	N
Farmerville Fire Dept. Farmerville(318) 368-1759	Y	N	Lake County Fire Rescue	N	N
Florence TWP Fire Dept. Birmingham(440) 965-5100	Y	N	Lake Valley Fire Protection Dist. South Lake Tahoe(530) 577-3737	N	N
Florosa Fire Control Dist.	Y	N	Lakin Fire Dept Lakin(620) 355-6252	N	N
Foster City Fire Dept. Foster City(650) 286-3350	Y	N	Lebanon Vol. Fire Dept. Lebanon(785) 389-1141	N	N
Four Communities Vol. Fire Dept.	Y	N	Lee County ARFF Dept.	N	N
Grand Isle Vol. Fire Company #1 Grand Isle985-787-2777	Y	N	Lehigh Acres Fire Dept.	N	N
Hamilton City Fire Protection Dist. Hamilton City(530) 826-3355	Y	N	Lexington Fire Dept. Lexington(781) 862-0272	N	N

Collective Intelligence in Emergency Management 83

Lawrence TWP Vol. Fire Dept. Kitts Hill(740) 532-5911	Y	N	Liberty TWP Fire Dept. Raymond937-246-2156	N	N
Lenora Fire Dept. Lenora(785) 567-4899	Y	N	Licking TWP Vol. Fire Dept., Inc. Jacksontown740-323-2504	N	N
Lockington VFD Piqua(937) 773-5341	Y	N	LINCOLN FIRE DEPT. LINCOLN(916) 645-4040	N	N
MANSURA VOL FIRE DEPT.MAN SURA318-253-9739	Y	N	Little Lake Fire Protection Dist. Willits(707) 459-6271	N	N
Mifflin TWP Richland County Fire Dept. Mansfield(419) 589-3378	Y	N	Lloyd Vol. Fire Dept.	N	N
Nile TWP Vol. Fire Dept. Friendship740-858-4042	Y	N	Logan Fire Dept. Logan785-689-7546	N	N
North Berwick Fire Dept. North Berwick(207) 676-2611	Y	N	Loma Rica/Browns Valley CSD Marysville(530) 741-0755	N	N
Olathe Fire Dept Olathe(913) 393-6333	Y	N	Longton Vol. Fire Dept. Longton(620) 642-2225	N	N
Oviedo Fire Rescue	Y	N	Lordsburg Fire Dept Lordsburg(505) 542-9261	N	N
Penryn Fire Protection Dist. Penryn(916) 663-3389	Y	N	Los Alamos Fire Dept. Los Alamos505-662-8301	N	N
Rush TWP Vol. Fire Dept. MCDERMOTT740-259-4646	Y	N	Magnolia Valley Vol. Fire Rescue	N	N
Sacramento Fire Dept. Sacramento(916) 264-5266	Y	N	Manchester Fire Dept. Manchester207-622-5402	N	N
Saline County RFD #2 Mentor(785) 667-3583	Y	N	Mantau-Shalersville Fire Dept Mantua(330) 274-3535	N	N
San Carlos Park Fire Protection & Rescue Service Dist.	Y	N	Margate Coconut Creek Fire Rescue	N	N
Springfield TWP Fire Dept. Holland(419) 865-4136	Y	N	Mariemont Fire Dept Cincinnati(513) 271-4089	N	N
St. Helena Fire Dept. Saint Helena(707) 967-2880	Y	N	Marysville Fire Dept. Marysville(785) 562-5331	N	N
Tri City Rural Fire Protection Dist. #4 Myrtle Creek(541) 863-6871	Y	N	Mayfield Village Fire Dept Mayfield(440) 461-1208	N	N
Turlock Fire and Emergency Services Turlock(209) 668-5580	Y	N	McIntosh Vol. Fire Dept. MCINTOSH(605) 273-4391	N	N
Ukiah Fire Dept. Ukiah(707) 463-6263	Y	N	Meade Co Fire Dept Meade(620) 873-2289	N	N
UNION FIRE DEPT. UNION937-836-2399	Y	N	Menlo Fire Dept. Menlo(785) 855-2254	N	N
Village of Dennison, Ohio Fire Dept. Dennison740-922-2067	Y	N	Merced County Fire Dept. Merced(209) 385-7344	N	N
Wellesley Fire Dept. Wellesley781-235-1300	Y	N	Miami-Dade County Fire Rescue Station 29 (Sweetwater)	N	N
BELLE CHASSE VOL FIRE DEPT BELLE CHASSE(504) 394-4070	N	N	Miami-Dade County Fire Rescue Station 4 (Coral Reef)	N	N
Big Coppitt Vol. Fire & Rescue	N	N	Middleburg Heights Fire Dept. Middleburg Heights(440) 243-1313	N	N
Brevard County Fire Rescue	N	N	Milbank Vol. Fire Dept. Milbank605-432-5800	N	N

Collective Intelligence in Emergency Management 84

California State Prison-Los Angeles County Fire Dept. Lancaster(661) 729-2000	N	N	Miller Rural Fire Dept. Miller	N	N
Chester Vol. Fire Dept. Chester(740) 985-4343	N	N	Milo Fire Dept. Milo207-943-2303	N	N
Chiefland Fire Rescue	N	N	Molino Vol. Fire Dept.	N	N
City Of Colton Fire Dept. Colton(909) 370-5100	N	N	Monday Creek Twp VFD Logan	N	N
Cutler TWP Fire Dept. Rantoul(785) 869-3680	N	N	Monterey Fire Dept. Monterey(413) 528-3136	N	N
Florahome-Grandin Vol. Fire Dept.	N	N	Montezuma Fire Dept. Montezuma(620) 846-2267	N	N
Fresno County Fire Protection Dist. Sanger(559) 485-7500	N	N	Montgomery Fire Dept Montgomery (513) 985-1633	N	N
Frontenac Fire Dept. Frontenac620-231-5730	N	N	Monticello Vol. Fire Dept.	N	N
Gainesville Fire Rescue	N	N	Natchitoches Parish Fire Protection Dist. #8 Ashland(318) 875-2504	N	N
German TWP Fire Dept. Springfield937-964-8994	N	N	Naval Air Station - Mayport - Fire Service	N	N
Hartsgrove Vol. Rome(440) 474-0415	N	N	Nemaha County Fire Dist. No. 3 Wetmore(785) 866-2260	N	N
Long Valley Fire Protection Dist. Crowley Lake(760) 935-4545	N	N	Neodesha Fire Dept. Neodesha(620) 325-2642	N	N
Niland Fire Dist. Niland(760) 359-0410	N	N	New Braintree Fire Dept. New Braintree(508) 867-9237	N	N
Old Town Fire Dept. Old Town(207) 827-3400	N	N	New Matamoras Vol. Fire Dept. New Matamoras(740) 865-3870	N	N
Perry Vol. Fire Dept. Perry	N	N	New Miami Fire Dept Hamilton(513) 895-3581	N	N
Pine Log Fire Dept.	N	N	New Port Richey Fire and Emergency Services	N	N
Plymouth Fire Dept. Plymouth(508) 830-4213	N	N	Norcatour City Fire Dept Norcatour	N	N
Pottawatomie Co RFD #2 Havensville	N	N	North Reading Fire Dept. North Reading(978) 664-3112	N	N
Richmond Fire Dept Richmond(510) 307-8031	N	N	Ocean Reef Public Safety	N	N
San Jose Fire Dept. San Jose(408) 277-4444	N	N	Odell Rural Fire Protection Dist. Hood River541-354-1648	N	N
Santa Fe Fire Dept. Santa Fe(505) 955-3110	N	N	Opelousas Fire Dept. Opelousas(337) 948-5210	N	N
Scioto Valley Fire Dist. La Rue740-499-2545	N	N	Orange Springs Vol. Fire Dept.	N	N
SW Polk County Rural Fire Protection Dist. Rickreall(503) 831-3533	N	N	Ortley VFD Ortley(605) 947-4724	N	N
Tampa Fire Rescue	N	N	Otis Fire Dept. Otis785-387-2403	N	N

Collective Intelligence in Emergency Management 85

Washington Twp. Vol. F.D. West Portsmouth(740) 858-5600	N	N	Owlshead Fire Dept. Owlshead207-596-7167	N	N
Woodside Fire Protection Dist. Woodside(650) 851-1594	N	N	Pacifica Fire Dept. Daly City(650) 991-8149	N	N
Abbeville Fire Dept. Abbeville(337) 898-4258	N	N	Pala Fire Dept. Pala(760) 742-1632	N	N
Adams Fire Dept Adams(413) 743-1929	N	N	Palm Desert Fire Service Palm Desert(760) 346-0508	N	N
Air Force Plant 42 Fire Dept. Palmdale(661) 272-6637	N	N	Paso Robles Dept. of Emergency Services Paso Robles(805) 227-7560	N	N
Albion Vol. Fire Dept. Albion207-437-2183	N	N	Peardale - Chicago Park Fire Protection Dist. Chicago Park530-273-2503	N	N
Allen Parish Fire Dist. 5 Oberlin(337) 639-4228	N	N	Peever Fire Dept. Peever605-932-3641	N	N
Alpena Fire Dept. Alpena605-849-3535	N	N	Peralta Fire Dept Peralta(505) 869-9083	N	N
Amesbury Fire Rescue Dept. Amesbury(978) 388-1333	N	N	Petaluma Fire Dept. Petaluma(707) 778-4390	N	N
Anacoco Vol. Fire Dept. Anacoco(337) 239-3800	N	N	Phillipsburg Fire Dept. Phillipsburg(937) 884-7620	N	N
Andover Fire Dept. Andover(207) 392-1431	N	N	Piketon Seal Twp Fire Dept Piketon(740) 289-2531	N	N
Antelope Valley Fire Dist. Coleville530-495-2300	N	N	Pine Grove Vol. Fire Dept.	N	N
Arkansas City Fire Dept. Arkansas City(620) 441-4430	N	N	Pine Ridge Vol. Fire Dept. Shaver Lake559-841-7774	N	N
Ashburnham Fire Dept. Ashburnham(978) 827-4021	N	N	Pittman Fire Dept.	N	N
Auberry Vol. Fire Dept. Auberry559-855-2777	N	N	Platina/ Wildwood Fire Rescue Wildwood(530) 628-4214	N	N
Aumsville Rural Fire Protection Dist. Aumsville(503) 749-2894	N	N	Pleasant City VFD Pleasant City(740) 685-3900	N	N
Barton Vol. Fire Dept., Inc. Barton(740) 695-3029	N	N	Pleasant Hill Vol. Fire Dept. Steubenville(740) 282-9601	N	N
Bastrop Fire Dept. Bastrop(318) 283-3353	N	N	Plympton Fire Dept. Plympton(781) 585-2633	N	N
Bayou Pigeon Vol. Fire Dept. Plaquemine(225) 545-3808	N	N	Ponderosa Vol. Fire Dept. Ponderosa505-834-0816	N	N
Beaver VFD Beaver(740) 226-5771	N	N	Portland Air Base Fire & Rescue ANG Portland(503) 335-4890	N	N
Belgrade Fire Dept. Belgrade(000) 000-0000	N	N	Princeton Vol. Fire Dept. Princeton530-439-2235	N	N
Beresford Fire and Rescue Bedesford605-763-2400	N	N	Pueblo of Laguna Fire - Rescue Laguna(505) 552-1108	N	N
Bishop Fire Dept. Bishop(760) 873-5485	N	N	Putnam County Vol. Fire Services	N	N
Bonifay Fire Dept.	N	N	Ramah VFD #5 Ramah(505) 783-4252	N	N
Bonita Sunnyside FPD Bonita(619) 479-2346	N	N	Ranchette Fire/Rescue	N	N

Collective Intelligence in Emergency Management 86

Booker Park Vol. Fire Dept.	N	N	Rangeley Fire Dept. Rangeley207-864-3800	N	N
Boothville-Venice Vol. Fire Dept. Venice(985) 534-7300	N	N	Rapides Parish Fire Dist. #7 Pineville318-448-4017	N	N
Borrego Springs Fire Protection Dist. Borrego Springs(760) 767- 5436	N	N	Richmond Consolidated Fire Dist. Richmond(785) 835- 6590	N	N
Boulevard Fire and Rescue Dept. Boulevard(619) 766-4633	N	N	Rio Grande Vol. Fire Dept. Rio Grande(740) 245-5012	N	N
Brandt Vol. Fire Dept. Brandt100- 100-1000	N	N	Rittman Fire and Rescue Rittman(330) 925-8040	N	N
Branford Vol. Fire Dept.	N	N	Riverdale Vol. Fire Dept. Riverdale559-867-3838	N	N
Brewster Fire Dept. BREWSTER330-767-4212	N	N	Rock Bluff Community Vol. Fire Dept.	N	N
BST & G Joint Fire Dist. Sunbury740-965-3841	N	N	Rogue River Fire Dist. Rogue River(541) 582-4411	N	N
Bucyrus Fire Dept. Bucyrus(419) 562-1351	N	N	Rolling Woods Vol. Fire Dept.	N	N
Burbank Paradise Fire Dist. Modesto(209) 523-1129	N	N	Rosemount Fire Dept. Portsmouth(740) 353-8510	N	N
Burlington-Fayette Fire Dept. South Point(740) 894-5300	N	N	Ross TWP Fire Dept. Ross513-863-3410	N	N
Cairo Monroe TWP Fire Dept. Cairo(419) 641-5735	N	N	Running Springs Fire Dept. Running Springs(909) 867- 2630	N	N
Caloosa Lake Vol. Fire Dept.	N	N	Russell City Fire Department Russell(785) 483-6311	N	N
Cambridge Fire Dept. Cambridge(740) 432-3232	N	N	Salisbury Fire Rescue Sallisbury(978) 465-3631	N	N
Camp Roberts Camp Roberts(805) 238-8406	N	N	San Antonio Vol. Fire Dept.	N	N
Carlisle Fire Dept. Carlisle(937) 746-0555	N	N	San Luis Obispo City Fire Dept. San Luis Obispo(805) 781-7380	N	N
Carlton Fire Dept. Carlton503-852- 6562	N	N	San Marcos Fire Dept. San Marcos(760) 744-1050	N	N
Carrabelle Vol. Fire Dept.	N	N	San Mateo County Fire Dept. San Mateo650-345-1612	N	N
CAUSEY FIRE DEPT. CAUSEY(505) 273-4249	N	N	Sandusky Fire Dept. Sandusky(419) 627-5822	N	N
Center TWP Vol. Fire Dept. Beverly(740) 558-2615	N	N	Sardis Vol. Fire Dept., Inc. Sardis740-483-1300	N	N
Central Calaveras Fire & Rescue Protection Dist. Mountain Ranch(209) 754-4330	N	N	Saugus Fire Dept. Saugus(781) 941-1170	N	N
Chautauqua County Fire Dist. #1 Cedar Vale620-758-2567	N	N	Scappoose RFD Scappoose(503) 543-5026	N	N
Chester Twp New Burlington Fire Dept Wilmington(937) 488-2451	N	N	Scotts Valley Fire Protection Dist. Scotts Valley(831) 438- 0211	N	N
Chesterland Fire Rescue, Inc. Chesterland(440) 729-9951	N	N	Scottsmoor Vol. Fire Dept.	N	N
Chino Valley Independent Fire Dist. Chino Hills(909) 902-5260	N	N	Sebring Airport Vol. Fire Dept.	N	N

Collective Intelligence in Emergency Management 87

City of Condon Vol. Fire Dept. Condon541-384-5555	N	N	Selma Fire Dept. Selma559-896-2511	N	N
City of Davis Fire Dept. Davis530-757-5684	N	N	Sheffield Fire Dept. Sheffield(413) 229-7033	N	N
City of LaCygne Fire Dept. LaCygne(913) 757-2144	N	N	Sheridan Fire Dist. Sheridan503-843-2467	N	N
City of Olmsted Falls, Division of Fire Olmsted Falls(440) 235-3238	N	N	Shutter Creek Correctional Institution Fire Dept North Bend(541) 756-6666	N	N
City of Red Bluff Fire Dept. Red Bluff(530) 527-1126	N	N	Sidney Fire Dept. Sidney(207) 547-3159	N	N
Colrain Fire Dept. Colrain(413) 624-5528	N	N	Simpson Vol. Fire Dept. Simpson337-383-7226	N	N
Colton Vol. Fire Dept., Inc. Colton(605) 446-3215	N	N	Sixes Rural Fire Protection Dept. Sixes541-332-9090	N	N
Columbia County Vol. Fire Dept.	N	N	Smith TWP Vol. Fire Company Belmont(740) 686- 2150	N	N
Creston Fire Dept. Creston(330) 435-4222	N	N	Solana Beach Fire Dept. Solana Beach(858) 720-2410	N	N
CRESWELL RURAL FIRE PROTECTION DIST. CRESWELL(541) 895-2506	N	N	Solutia Vol. Fire Dept.	N	N
Crooksville Fire Dept. Crooksville(740) 982-6801	N	N	Spring Lake Vol. Fire Dept.	N	N
Cypress Fire Protection Dist. Monterey(831) 333-2600	N	N	Springer Fire Dept Springer(505) 483-2685	N	N
Decatur County Rural Fire Dept. Oberlin785-475-8100	N	N	St. Bernard Parish Fire Departmnt Chalmette504- 278-4275	N	N
Dedham Fire Dept. Dedham(781) 751-9400	N	N	ST. George Fire Protection Dist. BATON ROUGE(225) 389-8600	N	N
Dee Rural Fire Protection Dist. Hood River541-354-1830	N	N	St. Paul Mission TWP Fire Dept. St. Paul(620) 449-2710	N	N
Deerfield TWP Vol. Fire Dept. Clarksburg740-993-4511	N	N	Stockholm Vol. Fire Dept. Stockholm605-676-2516	N	N
DeGraff Fire Dept. DeGraff937- 585-6632	N	N	Sumner County Fire Dist. #3 Oxford620-455-2244	N	N
Dixie County Fire Rescue	N	N	Suwannee Valley Vol. Fire Dept.	N	N
Dixon VFD Dixon(505) 579-4652	N	N	SYRACUSE FIRE DEPT. SYRACUSE(620) 384-7364	N	N
Dog Island Vol. Fire Dept.	N	N	Tallulah Fire Dept. Tallulah(318) 574-5470	N	N
Doniphan Company Rural Fire Dist. #4 Elwood(913) 365-5020	N	N	Temecula Fire Service Temecula(951) 694-6405	N	N
Duette Vol. Fire Dept.	N	N	Terrytown 5th Dist. Vol. Fire Dept. Terrytown504-349- 5551	N	N
Duke Field Fire Dept.	N	N	The Onida Fire Dept. onida(605) 258-2231	N	N
Dunham TWP Vol. Fire Dept., Inc. Belpre(740) 401-0430	N	N	Tiller RFPD Tiller(541) 825- 3685	N	N
Ebbetts Pass Fire Dept Arnold(209)	N	N	Tisbury Fire Dept. Vineyard	N	N

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795-1646			Haven(508) 696-4246		
Elyria Fire Dept. Elyria(440) 322-1024	N	N	Town Of Lincoln Fire Dept. Lincoln(781) 259-8114	N	N
Enterprise Fire Dept. Enterprise541-426-4196	N	N	Trent Vol. Fire Dept. Trent(605) 428-5606	N	N
Eureka Fire Dept. Eureka(620) 583-5611	N	N	Trenton Fire Dept.	N	N
Everett Fire Dept. Everett(617) 394-2347	N	N	Tulare Fire Dept. Tulare(559) 684-4300	N	N
Fayette II Vol. Fire Dept. Station 700 South Point740-894-4656	N	N	Tuppers Plains Fire Dept., Inc. Tuppers Plains740-667-6324	N	N
Foothill Fire Protection Dist. Valley Springs209-772-1268	N	N	Turton Vol. Fire Dept., Inc. Turton605-897-6622	N	N
Fowlers Bluff Vol. Fire Dept.	N	N	Valley Center FPD Valley Center(760) 751-7600	N	N
Frazeysburg Vol. Fire Dept., Inc. Frazeysburg740-828-2300	N	N	Ventura City Fire Dept. Ventura(805) 339-4300	N	N
FREEMAN FIRE DEPT FREEMAN(605) 925-7025	N	N	Village of Bosque Farms Fire Dept. Bosque Farms505-869-2357	N	N
Fremont Fire Dept. Fremont(419) 332-4131	N	N	Wabaunsee County Fire Dist. #3 Harveyville(785) 589-2424	N	N
Fremont Fire Dept. Fremont510-494-4285	N	N	Wakefield Fire Dept Wakefield(781) 246-6432	N	N
Graeagle FPD Graeagle(530) 836-1340	N	N	Wamego City Fire Dept. Wamego(785) 456-6965	N	N
Grand Ridge Vol. Fire Dept.	N	N	Warren City Fire Dept. Warren(330) 841-2542	N	N
Greenhorn Creek Fire Dept. Quincy530-283-6450	N	N	Wasco State Prison Fire Dept. Wasco(661) 758-8400	N	N
Greensboro Vol. Fire Dept.	N	N	Washington Fire Dept. Washington(413) 623-6019	N	N
Greenwood Fire Dept. Greenwood(207) 875-2888	N	N	Watrous VFD Watrus(505) 425-9750	N	N
Groton Fire Dept. Groton(978) 448-6333	N	N	West Boylston Fire Dept. West Boylston(508) 835-3821	N	N
Hall Summit VFD Hall Summit	N	N	West Stanislaus County Fire Protection Dist. Patterson(209) 892-5621	N	N
Hamburg-Lovett Vol. Fire Dept.	N	N	Western Holmes County Fire Dist. Lakeville(330) 378-2723	N	N
Havana Vol. Fire Dept.	N	N	Weymouth Fire Dept. Weymouth(781) 337-5151	N	N
Haviland Vol. Fire Dept. Haviland(620) 862-5317	N	N	White City Vol. Fire Dept. White City(785) 349-2228	N	N
Haynesville Fire Dept. Haynesville(318) 624-1234	N	N	White Vol. Fire Dept. WHITE605-629-6841	N	N
Hayward Fire Dept Hayward(510) 583-4940	N	N	Wilson Fire Dept, Inc. Wilson(785) 658-2446	N	N
Heflin Fire Dept Heflin(318) 377-6758	N	N	Zuni Independent Fire Dist. # 8 Zuni	N	N

APPENDIX C*Experiment 2: Data Sample***Florida**

Advent Christian Village Fire Dept.	Macclenny Fire Dept.
Alachua Cty. Fire Rescue	MacDill AFB Fire Dept.
Alachua Fire Dept.	Madeira Beach Fire Dept.
Alford Vol. Fire Dept.	Madison Fire Rescue
Allentown Vol. Fire Dept.	Magnolia Valley Vol. Fire Rescue
Alligator Point Vol. Fire Dept.	Maitland Fire/Rescue Dept.
Almarante Vol. Fire Dept.	Malabar Fire Dept.
Altamonte Springs Fire Dept. - merged Seminole Cty. Fire Rescue	Malone Vol. Fire Dept.
Altha Vol. Fire Dept.	Manalapan Public Safety Dept.
Alva Fire Dept.	Marathon Fire Rescue
Apalachee Bay Vol. Fire and Rescue Dept. - Crawfordville	Marco Island Fire Dept.
Apalachicola Vol. Fire Dept.	Margate Coconut Creek Fire Rescue
Apopka Fire Dept.	Marianna Fire-Rescue
Arcadia Fire Dept.	Marion Cty. Fire-Rescue
Archer Vol. Fire Dept.	Martin Cty. Fire-Rescue
Argyle Vol. Fire Dept.	Martin Grade Vol. Fire Dept.
Ashville Area Vol. Fire Dept.	Mary Ester Fire Dept.
Astatula Vol. Fire Dept. - See Lake Cty. Fire Rescue	Mascotte Fire Dept.
Athena Vol. Fire Dept.	Matlacha-Pine Island Fire Control District
Atlantic Beach Fire Rescue	Mayo Fire Dept.
Auburndale Fire Dept.	McAlpin Vol. Fire Dept.
Avalon Beach - Mulat Vol. Fire Dept.	McDavid Vol. Fire Dept.
Avon Park Correctional Institution	McRae Vol. Fire Dept.
Avon Park Fire Dept.	Medart Vol. Fire Dept.
Babson Park Fire Dept.	Melbourne Fire Dept.
Bagdad Vol. Fire Dept.	Melbourne Beach Vol. Fire Dept.
Bailey Road Vol. Fire Dept.	Melrose Vol. Fire Dept.
Baker Cty. Fire Rescue Services	Mexico Beach Dept. of Public Safety
Baker Cty. Vol. Fire Dept.	Miami Beach Fire/Rescue Dept.
Baker Fire District	Miami Dept. of Fire-Rescue
Bakersville Vol. Fire Dept.	Miami Shores Village Fire Dept. (Miami-Dade Cty. Station 30)
Baldwin Fire Dept.	Miami-Dade Cty. Fire Rescue
Bardin Vol. Fire Dept.	Miami-Dade Cty. Fire Rescue Station 4 (Coral Reef)
Bartow Vol. Fire Dept.	Miami-Dade Cty. Fire Rescue Station 7 (West Little River)
Baxter Vol. Fire Dept.	Miami-Dade Cty. Fire Rescue Station 29 (Sweetwater)
Bay Cty. Fire Dept.	Miami-Dade Cty. Fire Rescue Station 30 (Miami Shores Village Fire Dept.)
Bay Lake Vol. Fire Dept.	Micanopy Fire Dept.

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Bayou George Vol. Fire Dept.
Bayshore Fire Rescue
Bear Creek - Youngstown Vol. Fire Dept.
Bell Vol. Fire Dept. - merged into Gilchrist Cty. Fire Rescue
Belle Glade Fire-Rescue
Belleair Bluffs Fire Dept.
Bellview Vol. Fire Dept.
Bellville Vol. Fire Dept.
Berrydale Vol. Fire Dept.
Beulah Fire & Rescue
Big Coppitt Vol. Fire & Rescue
Big Corkscrew Island Fire Control and Rescue District
Big Pine Key Vol. Fire Dept.
Blackman Fire Dept.
Bloomingdale Vol. Fire Dept.
Blountstown Fire Dept.
Boca Grande Fire Dept.
Boca Raton Fire-Rescue Services
Bonifay Fire Dept.
Bonita Springs Fire Control & Rescue District
Booker Park Vol. Fire Dept.
Bostwick Vol. Fire Dept.
Boynton Beach Fire Rescue
Braden Rive Fire Control and Rescue District
Bradenton Fire Dept.
Bradford Vol. Fire Dept.
Branford Vol. Fire Dept.
Brent Vol. Fire Dept.
Brevard Cty. Fire Rescue
Bristol Vol. Fire Dept.
Bronson Fire Dept.
Brooker Vol. Fire Dept.
Brooksville Fire Dept.
Broward Cty. Fire-Rescue
Brownsville Vol. Fire Dept.
Bryceville Vol. Fire Dept.
Buckhead Ridge Community Vol. Fire Company
Bunnell Fire Dept.
Bushnell Vol. Fire Dept. - merged into Sumter Cty. Fire Rescue
Callahan Vol. Fire Dept.
Callaway Fire Dept.
Caloosa Lake Vol. Fire Dept.
Micco Vol. Fire Dept.
Miccosukee Vol. Fire Dept.
Midway Vol. Fire Dept.
Midway Fire District
Milton Fire Dept.
Minneola Fire Dept.
Miramar Fire Rescue
Molino Vol. Fire Dept.
Monroe Cty. Fire Rescue
Monticello Vol. Fire Dept.
Montura-Flaghole Vol. Fire Dept.
Montverde Fire Dept.
Moore Haven Fire Dept.
Morriston Montbrook Vol. Fire Dept.
Mossy Head - Oakwood Hills Fire Rescue
Mossy Pond Vol. Fire Dept.
Mount Dora Fire Dept.
Mt. Pleasant Vol. Fire Dept.
Mudulla Vol. Fire Dept.
Mulberry Fire Dept.
Munson Vol. Fire and Rescue District
Muse Vol. Fire Dept.
Myakka City Fire Rescue
Myrtle Grove Vol. Fire Dept.
NAFKW Fire Dept.
Naples Fire Rescue
Narcoossee Vol. Fire Dept. (Osceola Cty. FR)
NAS Regional Fire Service
Nassau Cty. Fire Rescue
Nassau Oaks Vol. Fire Dept.
Nassauville Vol. Fire Dept.
Naval Air Station - Whiting Field - Fire Dept.
Naval Air Station - Mayport - Fire Service
Navarre Beach Fire Dept.
Nettle Ridge Vol. Fire Dept.
New Home Community Vol. Fire Dept.
New Hope Vol. Fire Dept.
New Port Richey Fire and Emergency Services
New River Vol. Fire Dept.
New Smyrna Beach Fire & Rescue Dept.
Newberry Fire Dept.
Niceville Fire Dept.

Collective Intelligence in Emergency Management 91

Campbell City Fire Rescue
Cambellton Vol. Fire Dept.
Cantonment Vol. Fire Dept.
Cape Canaveral Vol. Fire Dept.
Cape Coral Fire Dept.
Cape San Blas Vol. Fire Dept.
Captive Island Fire Control District
Carrabelle Vol. Fire Dept.
Carr/Clarksville Fire Dept.
Caryville Fire Dept.
Casselberry Fire Dept.
Cedar Hammock Fire Rescue
Cedar Key Vol. Fire Rescue
Center Hill Vol. Fire Dept. - merged into Sumter Cty. Fire Rescue
Century Vol. Fire Dept.
Chaires - Capitola Vol. Fire Dept.
Charlotte Cty. Fire-EMS
Chassahowitzka Vol. Fire Dept. - merged into Citrus Cty. Fire Rescue
Chattahoochee Vol. Fire Dept.
Cherry Lake Vol. Fire and Rescue
Chiefland Fire Rescue
Chipley Fire Dept.
Citrus Cty. Fire Rescue
Citrus Springs Vol. Fire Dept. - merged into Citrus Cty. Fire Rescue
Clay Cty. Fire Rescue
Clearwater Fire & Rescue Dept.
Clermont Fire Dept.
Clewiston Vol. Fire Dept.
Cocoa Beach Fire Rescue
Cocoa Fire Rescue
Coconut Creek Fire Rescue
Colee Cove Vol. Fire Dept.
Coleman Vol. Fire Dept. - merged into Sumter Cty. Fire Rescue
Collier Cty. Fire Rescue
Columbia City Vol. Fire Dept.
Columbia Cty. Vol. Fire Dept.
Compass Lake in the Hills Vol. Fire Dept.
Concord Vol. Fire Dept. (Coonbottom)
Connell Heights Vol. Fire Dept. - merged into Citrus Cty. Fire Rescue
Cooper City Fire Rescue (contracted to Broward Cty.)
Nocatee Vol. Fire Dept.
Nokomis Vol. Fire Dept.
North Bay Fire Control District
North District Vol. Fire Dept.
North Fort Myers Fire Control and Rescue Service District
North Gilchrist Vol. Fire Dept. - merged into Gilchrist Cty. Fire Rescue
North Lauderdale Fire Rescue
North Naples Fire Control and Rescue District
North Okaloosa Fire District
North Palm Beach Fire/Rescue
North Port Fire Rescue District
North River Fire District
North Shores Vol. Fire Dept.
Northwest Side Vol. Fire Dept.
Nuttall Rise Vol. Fire Dept.
O'Brien Vol. Fire Dept.
Oak Hill Fire Dept.
Oakland Park Fire Rescue
Ocala Fire-Rescue
Ocean City Wright Fire Dept.
Ocean Reef Public Safety
Ochlockonee Bay Vol. Fire Dept.
Ochopee Fire Control District
Ocoee Fire/Rescue Dept.
Okaloosa Island Fire Dept.
Okeechobee Cty. Fire Rescue
Okeechobee Fire Dept.
Oldsmar Fire Rescue
Olustee Vol. Fire Dept.
Orange City Fire Dept.
Orange Cty. Fire Rescue
Orange Hill Vol. Fire Dept.
Orange Park Fire/Rescue Dept.
Orange Springs Vol. Fire Dept.
Orange Vol. Fire Dept.
Orlando Fire Dept.
Orlando International Airport Fire
Ormond Beach Fire Dept.
Ortona Vol. Fire Dept.
Osceola Cty. Emergency Services

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Coral Gables Fire Dept.
Coral Springs Fire Dept.
Cork - Knights Vol. Fire Dept.
Cottondale Vol. Fire Dept.
Country Oaks Vol. Fire Dept.
Crescent Beach Vol. Fire Dept.
Crescent City Fire Dept.
Crestview Fire Dept.
Croom-A-Coochee Vol. Fire Dept. - merged into Sumter Cty. Fire Rescue
Cross City Fire Dept.
Cross Creek Vol. Fire Dept.
Crossroads Vol. Fire Dept.
Crystal River Fire Dept.
Cuyler Vol. Fire Dept.
Dade City Fire Rescue
Dalkeith Vol. Fire Dept.
Dania Beach Fire Rescue
Darlington Gaskin Fire Rescue
Davenport Fire and Rescue
Davie Fire Rescue Dept.
Day Vol. Fire Dept.
Daytona Beach Fire Dept.
Daytona Beach Shores Dept. of Public Safety
DeBary Fire Services
Deep Creek Vol. Fire Dept.
Deerfield Beach Fire Rescue
DeFuniak Springs Fire Dept.
DeLand Fire Dept.
Dellwood Vol. Fire Dept.
Delray Beach Fire-Rescue Dept.
Deltona Fire Dept.
DeRosa Plaza Vol. Fire Dept. - merged into Citrus Cty. Fire Rescue
Desoto City Vol. Fire Dept.
DeSoto Cty. Fire-Rescue
Destin Fire Control District
Dixie Cty. Fire Rescue
Dog Island Vol. Fire Dept.
Dorcas Fire District
Dover - Turkey Creek Fire Rescue
Dowling Park Vol. Fire Dept.
Duette Vol. Fire Dept.
Osceola Cty. Fire Rescue - Unofficial
Otter Creek Fire Dept.
Overstreet Vol. Fire Dept.
Oviedo Fire Rescue
Oxford Vol. Fire Dept. - merged into Sumter Cty. Fire Rescue
Ozello Vol. Fire Dept. - merged into Citrus Cty. Fire Rescue
Pace Vol. Fire Dept.
Pahokee Fire Rescue Dept.
Paisley Vol. Fire Dept. - See Lake Cty. Fire Rescue
Palatka Fire Dept.
Palm Bay Fire Rescue Dept.
Palm Beach Cty. Fire Rescue
Palm Beach Cty. Station 27
Palm Beach Fire-Rescue
Palm Beach Gardens Fire/Rescue
Palm Beach Shores Vol. Fire Dept.
Palm Coast Fire Rescue
Palm Harbor Fire Dept.
Palm Springs Fire Rescue
Palm Valley Vol. Fire Dept.
Palmdale Vol. Fire Dept.
Panacea Vol. Fire Dept.
Panama City Fire Dept.
Panama City Beach Fire Dept.
Parker Fire Dept.
Parkland Public Safety Dept.
Parrish Fire Control District
Pasco Cty. Fire Dept.
Patrick AFB Fire
Paxton Fire Dept.
Pedro Vol. Fire Dept.
Pembroke Pines Fire Dept.
Penny Farms Vol. Fire Dept.
Pensacola Beach Vol. Fire Dept.
Pensacola Fire Dept.
Pensacola NAS Fire Dept.
Perry Fire Dept.
Peters Road Vol. Fire Dept.
Pine Grove Vol. Fire Dept.
Pine Island Vol. Fire Dept.
Pine Log Fire Dept.

Duke Field Fire Dept.
Dundee Fire Dept.
Dunedin Fire Dept.
Dunnellon Fire Rescue Dept.
East Lake Fire Rescue
East Manatee Fire Rescue District
East Milton Vol. Fire Dept.
East Naples Fire Control and Rescue District
East Niceville Fire District
East Palatka Vol. Fire Dept.
Eastpoint Vol. Fire Dept.
Eatonville Fire Dept.
Ebro Vol. Fire Dept.
Econfina Vol. Fire Dept.
Edgewater Fire-Rescue
Eglin AFB Fire Dept.
Electra Vol. Fire Dept.
Ellisville Vol. Fire Dept.
Englewood Fire Dept.
Ensley Fire-Rescue
Escambia Cty. Fire-Rescue
Espanola Vol. Fire Dept.
Estero Fire Rescue
Esto & Noma Vol. Fire Dept.
Eustis Fire Dept.
Falmouth Fire Rescue
Fanning Springs Fire Dept.
Fedhaven Vol. Fire Company
Felda Vol. Fire Dept.
Fernandina Beach Fire-Rescue Dept.
Ferry Pass Fire Dept.
First District Fire Dept.
Five Points Vol. Fire Dept.
Flagler Beach Fire Dept.
Flagler Cty. Fire Rescue
Florahome-Grandin Vol. Fire Dept.
Floral City Vol. Fire Dept. - merged into Citrus Cty. Fire
Rescue
Florida Highlands Vol. Fire Dept.
Florida State Hospital Fire Dept.
Florosa Fire Control District
Fort Drum Vol. Fire Dept.
Fort Lauderdale Fire-Rescue
Pinellas Park Fire Dept.
Pinellas Suncoast Fire Rescue
Pinetta Vol. Fire Dept.
Pioneer Fire Dept.
Pittman Fire Dept.
Placid Lakes Vol. Fire Dept.
Plant City Fire Dept.
Plantation Fire Dept.
Pleasant Grove Fire Dept.
Polk Cty. Fire Services
Pomona Park - Lake Como Vol. Fire Dept.
Pompano Beach Fire Rescue
Pompano Highlands Vol. Fire Dept.
Ponce de Leon Fire Dept.
Ponce Inlet Fire Dept.
Ponte Vedra Vol. Fire Dept.
Port Orange Fire & Rescue
Port Richey Fire Dept.
Port St. Joe Fire Dept.
Precinct 21 Vol. Fire Dept.
Providence Vol. Fire Dept.
Punta Gorda Fire Dept.
Putnam Cty. Vol. Fire Services
Quincy Fire Dept.
Raiford Vol. Fire Dept.
Rainbow Lake Vol. Fire Dept.
Rainbow Lakes Estates Vol. Fire Dept.
Ranchette Fire/Rescue
Ratliff Road Vol. Fire Dept.
Reedy Creek Dept. of Emergency Services
Red Bay Fire Dept.
Red Oak Vol. Fire Dept.
Rima Ridge Vol. Fire Dept.
Rio Vol. Fire Dept.
River Road Vol. Fire Dept.
River Stink Fire Service
Riverdale Vol. Fire Dept.
Riverside Vol. Fire Dept.
Riviera Beach Fire Rescue
Robertsville Vol. Fire Dept.
Rock Bluff Community Vol. Fire Dept.
Rockledge Fire and Emergency Services

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Fort Meade Fire Dept.
Fort Myers Fire Rescue
Fort Myers Beach Fire Control District
Fort Myers Shores Fire Dept.
Fort Odgen Vol. Fire Dept.
Fort Walton Beach Fire Dept.
Four Communities Vol. Fire Dept.
Fowlers Bluff Vol. Fire Dept.
Franklin Cty. Fire Dept.s
Francis Vol. Fire Dept.
Freeport Fire Dept.
Frostproof Fire Dept.
Fruitland Park Fire Rescue
Gainesville Fire Rescue
Genoa Vol. Fire Dept.
Georges Lake Vol. Fire Dept.
Georgetown-Fruitland Vol. Fire Dept.
Gilchrist Cty. Fire Rescue
Glades Cty. Fire Rescue
Glen St. Mary Fire Dept.
Glen St. Mary Vol. Fire Dept.
Glendale Vol. Fire Dept.
Golden Gate Fire Control and Rescue District
Golden Triangle Vol. Fire Dept.
Gospel Island Vol. Fire Dept. - merged into Citrus Cty. Fire Rescue
Graceville Vol. Fire Dept.
Grand Ridge Vol. Fire Dept.
Grape Hammock Vol. Fire Dept.
Gray Gables - Nassau Village Vol. Fire Dept.
Green Cove Springs Fire Dept.
Green Hills - Fountain Vol. Fire Dept.
Greenacres Dept. of Public Safety
Greenhead Vol. Fire Dept.
Greensboro Vol. Fire Dept.
Greenville Vol. Fire Dept.
Grenelefe Vol. Fire Dept.
Gretna Vol. Fire Dept.
Gritney Fire Dept.
Groveland Fire Dept.
Gulf Breeze Vol. Fire Dept.
Gulf Cty. Beaches Vol. Fire Dept.
Gulfport Fire Dept.
Rolling Woods Vol. Fire Dept.
Roseland Vol. Fire Dept.
Rosewood Vol. Fire Dept.
Royal Vol. Fire Dept. - merged into Sumter Cty. Fire Rescue
Safety Harbor Fire Dept.
Salem Vol. Fire Dept.
Sampson Vol. Fire Dept.
San Antonio Fire Dept.
San Antonio Vol. Fire Dept.
San Carlos Park Fire Protection & Rescue Service District
Sand Hills Vol. Fire Dept.
Sanderson Vol. Fire Dept.
Sanford Fire Dept.
Sanibel Fire Control District
Sarasota Bradenton Airport Fire Dept.
Sarasota Cty. Emergency Services - Fire Dept.
Satellite Beach Fire Dept.
Satsuma Vol. Fire Dept.
Scotts Ferry Vol. Fire Dept.
Scottsmoor Vol. Fire Dept.
Sebastian Vol. Fire Dept.
Sebring Airport Vol. Fire Dept.
Sebring Fire/Rescue
Seffner - Mango Fire/Rescue
Seminole Cty. EMS/Fire/Rescue Division
Seminole Fire Rescue
Seminole Tribe of Florida Emergency Services
Shady Grove Vol. Fire Dept.
Shell Point Vol. Fire Dept.
Shiloh Fire Dept.
Sirmans Vol. Fire Dept.
Skyline Fire & Rescue District
Smith Creek Vol. Fire Dept.
Smyrna Beach Fire Dept.
Sneads Vol. Fire Dept.
Solutia Vol. Fire Dept.
Sopchoppy Fire Dept.
South 561 Vol. Fire Dept.
South Bay Fire Rescue
South Central Vol. Fire Dept.
South Cty. Vol. Fire Dept.
South Daytona Fire Rescue Dept.

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Haines City Fire Dept.
Halifax Plantation Fire
Hallendale Beach Fire Rescue
Hamburg-Lovett Vol. Fire Dept.
Hamilton Cty. Fire Dept.
Hampton City Fire Dept.
Hardee Cty. Fire Rescue
Harold Vol. Fire Dept.

Hastings Vol. Fire Dept.
Hatch Bend Vol. Fire Dept.
Havana Vol. Fire Dept.
Hawthorne Vol. Fire Dept.

Heilbronn Springs Vol. Fire Dept.
Henderson Road Vol. Fire Dept.
Hendry Cty. Emergency Services
Hernando Beach Vol. Fire Dept.
Hernando Cty. Fire Rescue

Hernando Vol. Fire Dept. - merged into Citrus Cty. Fire Rescue
Hialeah Fire Dept.
High Point Vol. Fire Dept.
High Springs Fire Dept.
Highland City Vol. Fire Dept.
Highland Lakes Vol. Fire Dept.
Highland Park Vol. Fire Dept.
Highland View Vol. Fire Dept.
Highlands Vol. Fire Dept. - merged into Citrus Cty. Fire Rescue
Hiland Park Fire Dept.
Hilliard Vol. Fire Dept.
Hillsborough Cty. Fire Rescue
Hillsborough Cty. Vol. Fire Dept.s
Hinsons Cross Roads Fire Dept.
Hog Valley Vol. Fire Dept.
Holley-Navarre Fire Protection District
Hollister Vol. Fire Dept.
Holly Hill Fire Rescue and Emergency Services
Hollywood Fire Rescue
Holt Vol. Fire Dept.
Homasassa Vol. Fire Dept. - merged into Citrus Cty. Fire
Rescue
Horseshoe Beach Fire Dept.
Hosford - Telogia Vol. Fire Dept.
Howard Creek Vol. Fire Dept.

South Forest Vol. Fire Dept.
South Gulf Cty. Fire Dept.
South Levy Vol. Fire Dept.
South Palm Beach Dept. of Public Safety
South Pasadena Fire Dept.
South Ponte Vedra Vol. Fire Dept.
South Trail Fire Protection and Rescue District
South Walton Fire Dept.
Southeast Gilchrist Fire Rescue - merged into Gilchrist
Cty. Fire Rescue
Southeast Vol. Fire Dept.
Southern Manatee Fire & Rescue
Southport Vol. Fire Dept.
Southside Umatilla Vol. Fire Dept. - See Lake Cty. Fire
Rescue
Southwest Ranches Fire Rescue
Southwest Vol. Fire Dept.
Spring Hill Fire Rescue
Spring Lake Vol. Fire Dept.
Spring Ridge Vol. Fire Dept. - merged into Gilchrist Cty.
Fire Rescue
Springfield Fire Dept.
St. Augustine Fire Dept.
St. Augustine South Vol. Fire Dept.
St. Cloud Fire Rescue Dept.
St. George Island Vol. Fire Dept.
St. James - Lanark Village Vol. Fire Dept.
St. Joe Beach Fire Dept.
St. Johns Cty. Fire Rescue
St. John's Park Vol. Fire Dept.
St. Lucie Cty. Fire District
St. Marks Fire Dept.
St. Petersburg Beach Fire Dept.
St. Petersburg Fire & Rescue
Stagecoach Vol. Fire Dept.
Starke Fire Dept.
Steinhatchee Vol. Fire Rescue
Stuart Fire and Rescue Dept.
Sugarloaf Vol. Fire Dept.
Sumatra Vol. Fire Dept.

Sumter Cty. Fire Rescue
Sun N Lakes North Vol. Fire Dept.
Sun N Lakes South Vol. Fire Dept.
Sundance Vol. Fire Dept.

Hurlburt Field AFB Fire Dept.
Ichetucknee - South Columbia Vol. Fire Dept.
Imokalee Fire Dept.
Indialantic Fire Dept.
Indian Harbour Beach Vol. Fire Dept.
Indian Lakes-Tropicana Vol. Fire Dept.
Indian River Cty. Fire Rescue Division
Indian River Shores Fire Dept.
Indian Rocks Vol. Firemans' Assoc.
Inglis Fire Dept.
Innerarity Point Vol. Fire Dept.
Interlachen Vol. Fire Dept.
Interlachen Lake Estates Vol. Fire Dept.
Inverness Fire Dept. - merged into Citrus Cty. Fire Rescue
Iona-McGregor Fire Protection and Rescue Service District
Islamorada Fire Rescue
Isles of Capri Fire Rescue
Jackson Cty. Fire Rescue
Jackson Guard Fire Dept.
Jacksonville Beach Fire Dept.
Jacksonville Fire/Rescue Dept.
Jacksonville Naval Air Station Fire
Jan-Phyl Vol. Fire Dept.
Jasper Fire and Rescue Dept.
Jay Vol. Fire District
Jefferson Cty. Fire Rescue
Jennings Fire Dept.
Jensen Beach Vol. Fire Dept.
Jonesville Fire Dept.
Jupiter Island Public Safety Dept.
Kennedy Space Center Fire Dept.
Key Biscayne Fire Rescue Dept.
Key Largo Vol. Fire-Rescue Dept.
Key West Fire Dept.
Key West Naval Station Fire Dept.
Keystone Heights Vol. Fire Dept.
Kinard Vol. Fire Dept.
Kissimmee Fire Dept.
Kissimmee River Vol. Fire Dept.
Korona Vol. Fire Dept.
LaBelle Fire Dept.
LaCrosse Fire-Rescue Dept.
Sunny Hills Vol. Fire Dept.
Sunrise Fire-Rescue
Suwannee Cty. Fire Rescue
Suwannee Valley Vol. Fire Dept.
Suwannee Vol. Fire Dept.
Switzerland Vol. Fire Dept.
Sycamore Vol. Fire Dept.
Tallahassee Fire Dept.
Tamarac Fire Rescue
Tampa Bay Golf&CC Vol. Fire Dept.
Tampa Fire Rescue
Tarpon Springs Fire Dept.
Tavares Fire-Rescue Dept.
Tavernier Vol. Fire Dept.
Taylor Beaches Vol. Fire Dept.
Taylor Cty. Fire & Rescue
Taylor Vol. Fire Dept.
Temple Terrace Fire Dept.
Tequesta Fire-Rescue Dept.
The Groves Vol. Fire Dept.
The Villages Fire Rescue
Theressa Vol. Fire Dept.
Thomas Drive Vol. Fire Dept.
Tice Fire Protection and Rescue District
Timberlane Vol. Fire Dept.
Titusville Fire and Emergency Services
Trailer Estates Vol. Fire Dept.
Travelers Rest Vol. Fire Dept.
Treasure Island Fire Dept.
Trenton Fire Dept.
Tri-Community Fire Association
Tri-Cty. Vol. Fire Dept. - merged into Sumter Cty. Fire Rescue
Tri-Village Fire Dept.
Twin Bridges Vol. Fire Dept.
Tyndall AFB Fire Dept.
Umatilla Fire Dept.
United Fire Dept.
Upper Captiva Fire Dept.
Useppa Island Fire Dept.
Valparaiso Vol. Fire Dept.
Venice Fire Dept.
Venus Vol. Fire Dept.

Lake Alfred Fire Dept.
Lake Butler Vol. Fire Dept.
Lake City Fire Dept.
Lake Cty. Fire Rescue

Lake Forest Vol. Fire Dept.
Lake Hamilton Vol. Fire Dept.
Lake Iamonia Vol. Fire Dept.
Lake Jackson Vol. Fire Dept.
Lake Mack Vol. Fire Dept. - See Lake Cty. Fire
Rescue
Lake Mary Fire Dept.
Lake Norris Vol. Fire Dept.
Lake Panasoffkee Vol. Fire Dept. - merged into Sumter Cty.
Fire Rescue
Lake Park Fire Rescue
Lake Placid Vol. Fire Dept.

Lake Talquin Vol. Fire Dept.
Lake Troppincan Vol. Fire Dept.
Lake Underhill Fire Dept.
Lake Wales Fire Dept.
Lake Worth Fire Dept.
Lakeland Fire Dept.
Lakeport Vol. Fire Dept.
Lamont Vol. Fire Dept.
Land O' Lakes Vol. Fire Dept.
Largo Fire Rescue
Lauderdale-by-the-Sea Vol. Fire Dept.
Lauderdale Lakes Fire and Rescue
Lauderhill Fire Rescue
Laurel Hill Fire Dept.
Lawtey Vol. Fire Rescue
Layton Vol. Fire Dept.
Lealman Special Fire District
Lee Cty. ARFF Dept.
Lee Vol. Fire Dept.
Leesburg Fire Dept.
Lehigh Acres Fire Dept.
Leisure Lakes Vol. Fire Dept.

Liberty Fire District
Lighthouse Point Fire Rescue
Lincoln Heights Vol. Fire Dept.
Little Gasparilla Island Fire and Rescue
Live Oak Fire Dept.

Vernon Fire and Rescue
Vero Lakes Estates Vol. Fire Dept.
Virginia Village Vol. Fire Dept.
Volusia Cty. Fire Services
Waccasassa Vol. Fire Dept. - merged into Gilchrist Cty.
Fire Rescue
Wacissa Vol. Fire Dept.
Wakulla Station Vol. Fire Dept.
Waldo Fire Dept.

Walnut Hill Vol. Fire Dept.
Warrington Vol. Fire Dept.
Washington Cty. Fire Rescue

Waukeelah Vol. Fire Dept.
Wausau Fire Dept.
Waverly Vol. Fire Dept.
Webster Vol. Fire Dept. - merged into Sumter Cty. Fire
Rescue
Welaka Vol. Fire Dept.
Wellborn Vol. Fire Dept.
West Bay Woodville Vol. Fire Dept.
West Columbia Vol. Fire Dept.
West District Fire Authority
West End Vol. Fire Dept.
West Hillsborough Vol. Fire Dept.
West Manatee Fire Rescue
West Palm Beach Fire Rescue
West Paso Vol. Fire Dept.
West Pensacola Vol. Fire Dept.
West Putnam Vol. Fire Dept.
West Sebring Vol. Fire Dept.
West Suwannee Vol. Fire Dept.
Westside Vol. Fire Dept.
Westville Vol. Fire Dept.
Wetumpka Vol. Fire Dept.
Wewahitchka Fire Dept.
White City Vol. Fire Dept.
White Springs Vol. Fire-Rescue
Whitfield Fire Control District
Wildwood Vol. Fire Dept. - merged into Sumter Cty. Fire
Rescue
Williston Vol. Fire Dept.
Windsor Vol. Fire Dept.
Winfield Vol. Fire Dept.
Winter Garden Fire Dept.

Lloyd Vol. Fire Dept.
 Longboat Key Fire Rescue Dept.
 Longwood Fire Dept.
 Lorida Vol. Fire Dept.
 Lulu Vol. Fire Dept.
 Luraville Vol. Fire Dept.
 Lutz Vol. Fire Dept.
 Lynn Haven Fire & Emergency Services

Winter Haven Fire Dept.
 Winter Park Fire-Rescue
 Winter Springs Fire Dept.
 Woodville Vol. Fire Dept.
 Worthington Springs Vol. Fire Dept.
 Yankeetown Vol. Fire Rescue
 Yulee Vol. Fire Dept.
 Zephyrhills Fire Dept.

Louisiana

Abbeville Fire Dept.Abbeville
 Acadia/Evangeline Fire Dist.Basile
 ADDIS VOL. FIRE DEPT.ADDIS
 Allen Parish Fire Dist. 5Oberlin
 Allen Parish Fire Dist. # 4
 Allen Parish Wd 3 Fire Dept #2
 Alsen F.D.Baton Rouge225-774-3473
 Anacoco Vol. Fire Dept.Anacoco 239-
 Avondale Vol. Fire CompanyAvondale(504) 349-
 BALDWIN VOL. FIRE DEPT., INC.BALDWIN 923-
 Bastrop Fire Dept.Bastrop 283-3353
 Baton Rouge Fire Dept.Baton Rouge225-354-1400
 Bayou Black VFD Dist. #9Houma 879-3359
 Bayou Blue VFDGrosse Tete 648-2760
 Bayou Blue Vol. Fire Dept.Houma 876-
 Bayou Cane VFDHouma 580-7230
 Bayou Pigeon Vol. Fire Dept.Plaquemine
 Beauregard Parish Fire Dist. #3Dry Creek 328-
 Bell City-Hayes-Holmwood (Ward 2 FD 1)Bell City
 BELLE CHASSE VOL FIRE DEPTBELLE CHASSE
 Benton Fire Dist. #4, Fire Dept.Benton318-965-
 Bernice Fire Dept.Bernice 285-9020
 Berwick Vol. Fire Dept.Berwick 385-
 Bienville Parish Fire Dist. #6Castor318-
 Bogalusa Fire DeptBogalusa 732-6219
 Boothville-Venice Vol. Fire Dept.Venice
 Bossier City Fire Dept.Bossier City 741-8700
 Bossier Parish Fire Dist. # 7Plain Dealing 326-
 Bourg Vol. Fire Dept.Bourg 594-9588
 Branch VFDBranch 334-7466
 Bridge City Vol. Fire Company #1Bridge City504-
 Brouillette Vol. Fire Dept.Marksville318-253-
 Broussard Fire DeptBroussard 837-9867

LeBlanc Vol. Fire Dept.Abbeville
 Leesville Fire Dept.Leesville 239-7950
 Lincoln Parish Fire Dist. No. 1Dubach
 Little Caillou VFDChauvin 594-7775
 Dept.Trout 992-9088
 Livingston Fire Dept.Livingston 686-7158
 Livingston Parish Fire Dist. 11Independence
 LIVINGSTON PARISH FIRE DIST. # 10
 Livingston Parish Fire Dist. #4
 Livingston Parish Fire Dist. 5Denham
 Livingston Parish Fire Dist. NO 1
 Livonia Vol. Fire Dept.Livonia 637-
 Lockport VFDLockport 532-3876
 LOREAUVILLE VOL. FIRE DEP
 Luling Vol. Fire Dept.Luling 785-
 Lutcher VFDLutcher 869-3647
 Mamou Fire Dist. #2Mamou 468-2616
 Mangham Fire Dist.Mangham 248-2472
 Mansfield Fire DeptMansfield 872-4221
 MANSURA VOL FIRE DEPT.
 Maringouin VFDMaringouin 625-3277
 Marksville Fire DeptMarksville 253-7776
 MARRERO ESTELLE VOL. FIRE. NO. 1
 Marrero Harvey Vol.Fire Co. #1Marrero(504) 349-
 Maurice Fire Dept.Maurice 893-6406
 Milton Vol. Fire Dept.Youngsville
 Monroe Fire DeptMonroe318-329-2474
 Montegut/Point-Aux-Chenes Fire DeptMontegut 5
 Monterey FPD # 1Monterey 386-2377
 Morgan City Fire DeptMorgan City 380-4617
 NASJRB New Orleans Fire DeptNew Orleans(504) 6
 Natalbany Vol. Fire Dept.Natalbany
 Natchitoches Fire Dept.Natchitoches 357-3

BROWNSFIELD FIRE DEPT.
 Bunkie Fire Dept Bunkie 346-6021
 Caddo Parish Fire Dist. # 4 Keithville 925-2200
 Caddo Parish Fire Dist. Seven Oil City 995-7114
 Caddo Parish Fire Dist. Two Shreveport 425-2712
 Calcasieu Parish Ward 4 Fire Dist. 2 Sulphur 583-
 Cameron Vol. Fire Dept. Cameron 775-7
 Cankton VFDCankton 668-4477
 Carencro Fire Dept Carencro 896-6121
 Central Fire Dist. #4 Baton Rouge 261-
 Chitimacha Fire Charenton 923-4326
 Church Point Vol. Fire Dept. Church Point
 City of Baker Fire Dept. Baker 225-775-3712
 City of Donaldsonville Fire Dept. Donaldsonville
 City of Gonzales Fire Dept. Gonzales 644-5
 City of Harahan Fire Dept. Harahan (504) 737-9957
 City of Pineville Fire Dept. Pineville 449-5665
 Claiborne Parish Fire Dist. #5 Athens 927-5383
 Claiborne Parish Fire Dist. #6 Lisbon 353-6503
 Community VFDPitkin 634-5489
 Concord Vol. Fire Dept. Oak Grove 428-
 Concordia Parish Fire Dist. # 2 Vidalia 336-5068
 Crowville Vol. Fire Dept. Crowville 722-
 David Crockett Steam Fire Company #1 Gretna (504) 363-
 Delhi VFDDelhi 878-3792
 Denham Springs Fire Dept. Denham Springs -
 DeQuincy VFDDeQuincy 786-4821
 DeRidder Fire Dept. DeRidder 462-8929
 Des Allemands Vol. Fire Dept. Des Allemands
 Desoto Fire Dist. #1 Logansport 697-5150
 DeSoto Fire Dist. #9 Frierson 797-5673
 DeSoto Fire Dist. 3 Stonewall 925-0087
 DeSoto Fire Dist. #8 Mansfield 318-872-2453
 Dist. #10 Holly Beach/ Johnson Bayou Vol. Fire
 DIST. 13 Vol. Fire Dept. ABBEVILLE
 Dist. Six Fire Dept. Baton Rouge 225-355-3110
 Dubberly VFDDubberly 377-9043
 East Bank Consolidated Fire Dept. Jefferson (504) -
 East Carroll Fire Dept. Lake Providence 559-
 East- Central Bossier Parish Fire Dist. #1 Haughton 318-
 East Columbia Vol. Fire Dept. Columbia 318-
 East Iberville VFDDSt Gabriel 642-9980
 East Side Fire Dist. 5 Baton Rouge
 Natchitoches Parish Fire Dist. #1
 Natchitoches Parish Fire Dist. #8
 New Iberia Fire Dept. New Iberia 369-2370
 New Llano Vol. Fire Dept. New Llano
 New Orleans Fire Dept. New Orleans 504-565
 Newellton Fire Dept. Newellton 766-3004
 Nine Mile Point Fire Dept. Nine Mile Point (504)
 North Bienville Parish Fire
 North Helena VFPD # 3 Greensburg
 North Sabine Fire Dist. Zwolle 645-
 Northeast Bossier Parish Fire Dept. #5P
 Oak Ridge Vol. Fire Dept. Oak Ridge -
 Oakdale Fire Dept. Oakdale 218-335-1155
 Olla Vol. Fire Dept. Olla 495-3919
 Opelousas Fire Dept. Opelousas 948-5210
 Ouachita Parish Fire Dist. #1 West --
 Paincourtville Vol. Fire Dept. Paincourtville 369-7134
 Patterson Vol. Fire Dept. Patterson 985-395-
 Paulina Grand Point Belmont Vol. Fire Dept. Paulina
 Pecan Island Fire Dept. Kaplan 337-737-2501
 Pierre Part VFDPierre Part 252-6431
 Pine Prairie Vol. Fire Dept. Pine Prairie 337-599-2277
 Pitkin VFDPitkin 358-3511
 Plaquemine Fire Dept Plaquemine 687-7335
 Plaucheville VFDPlaucheville 922-3548
 Pointe Coupee Fire Dist. #5 New Roads 225-638-
 PONCHATOULA VOL. FIRE DEPT.
 Prairie Vol. Fire Dept. Arnaudville -
 Prairieville VFD Prairieville 673-6663
 Pride Vol. Fire Dept. Pride 654-3903
 Quitman FPDQuitman 259-8888
 Rapides Parish Fire Dist. #3 Tioga 318-640-8227
 Rapides Parish Fire Dist. #6 Deville 318-466-3555
 Rapides Parish Fire Dist. #7 Pineville 318-448-4017
 Rapides Parish Fire Dist. #9 Alexandria 767-
 Rapides Parish Fire Dist.
 Rayne VFDRayne 334-4443
 Red River Parishwide Fire Dist.
 RESERVE VOL. FIRE DEPT. RESER
 Richard Vol. Fire Dept. Church Point
 Ridgecrest Vol. Fire Dept. Ridgecrest
 Rocky Branch & Crossroads VFD Farmerville
 Rosedale Vol. Fire Dept. Rosedale

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East Side St. Charles Parish Vol. Fire Dept. Destrehan
Eden Fellowship Vol. Fire Dept. Trout
Effie Vol. Fire Dept. Effie 100-100-1000
Egan Vol. Fire Dept. Egan 337-783-3749
Eighth Ward Vol. Fire Dept. Robert 845-
Elizabeth Vol. Fire Dept. Elizabeth 318-634-
England Industrial Airpark Fire Dept. Alexandria 318-448-
Erath Vol. Fire Dept. Erath 937-8176
Erwinville Vol. Fire Dept. Port Allen
Ethel Vol. Fire Dept. Ethel 225-683-8001
Eunice Fire Dept. Eunice 457-5102
Evangeline Vol. Fire Dept./ Acadia Fire District #3
Farmerville Fire Dept. Farmerville 368-1759
Ferriday Fire Dept. Ferriday 757-3611
Fifth Ward VFD Marksville 240-8006
Fire Dept. Dist. Eight Rayville 318-728-2288
Fire Dist. # 10 (Powhatan) Powhatan 356-9100
Fire Dist. 3 Ward 4 Allen Parish Grant
Fire Dist. #4 of Saint
Fire Dist. #7, Vermilion Parish Abbeville(
FIRE DIST. 3 VENTRESS
Fire Dist. Four Natchitoches Parish Provencal 472-8767
Fiske Union Vol. Fire Dept. Oak Grove
Flatwoods VFD Flatwoods 793-2033
Fort Polk Fire & Emergency Services Fort Polk 531-
Four Corners Vol. Fire Dept. Jeanerette
Franklin Fire Dept. Franklin 337-828-6328
Franklinton Vol. Fire Dept. Franklinton
French Settlement VFD French Settlement 698-3510
Galvez Lake Vol. Fire Dept. Prairieville

Garyville Vol. Fire Dept. Garyville 985-535-6499
GEISMAR VFD GEISMAR 673-3396
Glenmora Fire Dept. Glenmora 748-7787
Grand Caillou Fire Dept. Dulac 563-4112
Grand Coteau Vol. Fire Dept. Grand
Grand Isle Vol. Fire Company #1 Grand Isle 985
Grant Parish Dist. 4 Vol. Fire Dept. Georgetown 000-000-
Grant Parish Fire Dist # 5/ Pollock Fire Dept. Pollock
Grant Parish Fire Dist. 1 Colfax 627-2636
Grant Parish Fire Dist. 3 Dry Prong 899-5341
Grayson Vol. Fire Dept. Grayson 649-
Gueydan Vol. Fire Dept. Gueydan 536-6539

Rosepine Vol. Fire Dept. Rosepine 337-463-
Ruston Fire Dept. Ruston 318-251-8607
Saint Amant Vol. Fire Dept. Saint Aman
Saint Tammany Fire Dist. # 1 Slidell 649-3665
Sandy Hill Vol. Fire Dept. Leesville 337-
Sandy Lake Fire Dist. Jonesville 318-339-2369
Sarepta Fire Dist. No 5 Sarepta 847-4333
Schriever Vol. Fire Dept., Inc. Schriever 446-8498
Scott Vol. Fire Dept., Inc. Scott 235-
Shreveport Fire Dept. Shreveport 673-6650
Simpson Vol. Fire Dept. Simpson 337-383-
Slagle VFD Slagle 239-7088
Sorrento Vol. Fire Dept. Sorrento 225-675-
South Bossier Fire Dist. # 2 Elm Grove 987-
South Vacherie Vol. Fire Dept. Vacherie 265-2409
Southeast Fire Territory Clinton 225-683-
Spencer/West Sterlington FPD Sterlington 726-
Springhill Fire Dist. # 11 Springhill 539-3678
ST Francisville Fire Dept. ST Francisville 225-6
St John VFD Thibodaux 448-0618
St Joseph Fire Dept. St Joseph 766-3004
St Landry Parish Fire Dist. # 2 Port Barre 585-
ST Rose Vol. Fire Dept. St Rose (504) 467-
ST Tammany Fire Dist. 6 Covington 893-3311
ST Tammany Fire Dist. 9 Bush 886-5608
St Tammany FPD # 7 Pearl River 863-5111
St Tammany Parish Fire Dist. # 4 Mandeville 626-8671
St. Bernard Parish Fire Department Chalmette 504-278-
ST. George Fire Dist. BATON ROUGE 389-8600
St. John Westside VFD Edgard 497-3441

St. Landry Parish Fire Dist. 3 Opelousas 948-3679
St. Tammany Fire Dist. # 1 Slidell 649-3665
St. Tammany Fire Dist. No. 5 Folsom 796-5266
St. Tammany Fire Dist. 12 Covington 985-
St. Tammany Parish Fire Dist. 2 Madisonville 985-845-
Start-Girard Fire Dist. Start 318-728-4840
Sulphur Fire Dept. Sulphur 337-527-4545
Summerville-Rosefield Vol. Fire Dept. Olla 992-0144
Sun VFD Dist. # 10 Sun 886-3543
Sunset VFD Sunset 662-3131
Tallulah Fire Dept. Tallulah 574-5470
Tangipahoa Parish Fire District # 1 Amite 985-748-9412

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HAHNVILLE VOL. FIRE DEPT.HAHNVILLE 783-
Hall Summit VFDHall Summit000-000-0000
Hammond Fire DeptHammond 542-3475
Harrisonburg Vol. Fire Dept.Harrisonburg 744-5048
Harvey Vol. Fire Cmpnany #2 (6th Fire Dist)
Haughton Fire Dept.Haughton318-949-9500
Haynesville Fire Dept.Haynesville 624-1234
Heflin Fire DeptHeflin 377-6758
Henry Fire Dept.Erath 937-5479
Hessmer Fire Dept.Hessmer 563-4511

Hodge Fire Dist.Hodge 395-2375
Holiday Village Vol. Fire Dept.Pineville(318
Holly Ridge Fire Dept.Rayville(911) 100-1000
Homer Fire Dept.Homer 927-5383
Houma Fire Dept.Houma 873-6391
Hudson Creek Fire Dist. 6Dry Prong 641-1460
Iberia Parrish FPD #1New Iberia 365-5872
Independence Vol. Fire Dept.Independence
Indian Bayou VFDKaplan 643-6846
Iota Vol. Fire Dept.Iota 779-2538
Iowa Fire Dist. #1, Ward 8,
Jackson Fire DeptJackson 634-2627
Jeanerette Vol. Fire Dept.Jeanerette 276-
Jeff Davis Fire Dist. #2Jennings337-584-2240
Jefferson Davis Fire Dist. 4Lake Arthur 774-3721
Jennings Fire Dept.Jennings337-821-5507
Jonesboro VFDJonesboro 259-5028
Jonesville VFDJonesville 339-8596
Judice Vol. Fire Dept.Duson337-984-0321
Kaplan Fire DeptKaplan 643-8603
Kenner Vol. Fire CompanyKenner504-468-4024
Kentwood Vol. Fire Dept.Kentwood
Kilbourne Vol. Fire Dist.Kilbourne318-428-1270
Killona Vol. Fire Dist.Killona 783-2956
Klondike Fire Dept.Gueydan 536-6963
LA State Penn Fire DeptAngola 655-2335
LaCamp Vol. Fire Dept.Leesville
Lacombe Vol. Fire Dept.Lacombe
Lafayette Fire DeptLafayette 291-8700
Lafitte Barataria Crown Point VFCLafitte(504) 689-2086
Lafourche Fire Dist. #1 Vol.sRaceland
Lafourche Parish Fire Dist. #3Galliano985-632-8068

Tensas Parish Fire Dist. #1ST Joseph 766-3004
Terrytown 5th Dist. Vol. Fire Dept.Terrytown504-349-
Thibodaux VFDThibodaux 447-1986
Third Dist. Vol. Fire Dept.River
Tullos Vol. Fire Dept.Tullos 534-6499
Union-Convent VFDConvent 562-7855
Urania Fire Dept.Urania318-495-3452
Vacherie VFD #1Vacherie 265-2721
Vernon Parish Fire Dist. #1, Dry ForksLeesville337-
Vidalia Fire DeptVidalia 336-6262
Village of Choudrant, Choudrant Fire
Dept.Choudrant318-768-4111
Village of Norwood Vol. Fire Dept.Norwood225-629-
Ville Platte Fire DeptVille Platte 363-7478
Vinton Fire DeptVinton 589-3977
Ward 1 & 2 Ditric #1Florien 586-4286
Ward 2 Fire Dist 1Bastrop 281-8069
Ward 2 Vol. Fire Dept.Pioneer 428-
Ward 5 Fire Prot. Dist. of Evangeline Parish
Ward 8 Fire Dist. # 2Lake Charles -
Ward 8 FPD #1Collinston 874-9171
Ward Four FPDJonesboro 259-6672
Ward One Fire Dept.Lake Charles 855-
Ward One Rural Fire Dist.Delhi 878-2632
Ward Seven Fire Dist. #1Vinton 589-2901
Ward Two Fire DistrictEros318-249-3300
HERMON 877-5029
Washington Parish Fire Dist. # 8Franklinton985-
Washington Parish Fire Dist. #1
Washington Parish Fire Dist. #7
Washinton Parish Fire Dist.# 5Angie 986-5777
Waterproof Fire Dept.Waterproof 766-3004
Webster Parish Fire Dist. #3Doyline 745-3460
Webster Parish Fire Dist. #8 (Cotton Valley Fire Dept.)
West Baton Rouge Fire Sub-Dist. 3Port
West Baton Rouge Fire Sub-Dist. #2Brusly
West Feliciana Parish Fire Dist. #1Saint
Westlake Fire DeptWestlake 436-7417
Westwego Vol. Fire Company #1Westwego
White Castle VFDWhite Castle 545-9214
Whitehall Fire Dist. Vol. Fire & Rescue
Wilmer VFDKentwood 748-4787
Wilson VFDWilson 629-5415

Lake Arthur Fire Dept.Lake Arthur 774-3791
Lake Charles Fire Dept.Lake Charles
Lakefront Airport Fire Dept.New Orleans
LaPlace Vol. Fire Dept.LaPlace

Winn Parish Fire Dist. #3WINNFIELD
Winnfield Fire DeptWinnfield 628-3922
Woodland VFDCClinton 683-4839
Youngsville Fire Dept.Youngsville

Massachusetts

Zachary Fire/ RescueZachary(225) 654-0026
104th FW Barnes ANG Fire/RescueWestfield
Abington Fire DeptAbington 982-2114
Acton Fire DeptActon 264-9645
Acushnet Fire-RescueAcushnet 998-0250
Adams Fire DeptAdams 743-1929
Agawam Fire DeptAgawam 786-2662
Alford Fire Dept.Alford 528-3641
Amesbury Fire Rescue Dept.Amesbury
Amherst Fire DeptAmherst 256-4082
Andover Fire Dept.Andover 475-7951
Aquinnah Vol. Fire Dept.Gay Head
Ashburnham Fire Dept.Ashburnham
Ashby Fire DeptAshby 386-5522
Ashland Fire Dept.Ashland 881-2323
Athol Fire Dept.Athol 249-8275
Attleboro Fire Dept.Attleboro 222-2324
Auburn Fire Dept.Auburn 832-7800
Avon Fire Dept.Avon 583-5361
Ayer Fire DeptAyer 772-8231
Barnstable Fire Dept.Barnstable 362-3312
Becket Fire Dept.Becket413-623-8760
Bedford Fire Dept.Bedford 275-7262
Belchertown Fire Dept.Belchertown413-323-7571
Bellingham Fire Dept.Bellingham 966-1112
Belmont Fire Dept.Belmont(617) 484-3473
Berkley Fire & Rescue Dept.Berkley
Berkshire County Fire Dept.Windsor
Berlin Fire DeptBerlin 838-2444
Bernardston Fire Dept.Bernardston 648-9757
Beverly Fire Dept.Beverly 922-2424
BlandfordBlandford 848-2874
Bolton Fire DeptBolton 779-2203
Bondsville Fire Dept. District 3Bondsville
Boston Fire Dept.Boston(617) 343-3710
BOURNE FIRE DEPT.BOURNE
Boxborough Fire Dept.Boxborough

Mendon Fire Dept.Mendon508-473-5330
Merrimac Fire Dept.Merrimac 346-8211
Methuen Fire Dept.Methuen 687-0278
Middleboro Fire Dept.Middleboro 946-2461
Middlefield Vol. Fire Dept.Middlefield 623-5060
Middleton Fire Dept.Middleton 774-2466
Milford Fire Dept.Milford 473-1214
Millbury Fire Dept.Millbury 865-5328
Millis Fire Dept.Millis 376-2361
Millville Fire & RescueMillville 883-4740
Milton Fire DeptMilton(617) 696-5178
Monmouth Fire DeptMonmouth(207) 933-4545
Monroe Vol. Fire Dept.Monroe000-000-0000
Monson Fire Dept.Monson 267-3132
Montague Center Fire Dept.Montague 367-2757
Monterey Fire Dept.Monterey 528-3136
Nahant Fire Dept.Nahant 581-1235
Nantucket Fire Dept.Nantucket 228-2324
Natick Fire Dept.Natick 647-9551
Needham Fire Dept.Needham 455-7580
New Ashford Vol. Fire Dept.New Ashford 458-9096
New Bedford Fire Dept.New Bedford 991-6104
New Braintree Fire Dept.New Braintree 867-9237
New Marlborough Fire & RescueSouthfield 229-8100
New Salem Fire Dept.New Salem 544-3345
Newbury Fire Dept.Newbury 462-2282
Newburyport Fire Dept.Newburyport 465-4427
Newton Fire DeptNewton(617) 552-7272
North Adams Fire Dept.North Adams413-664-4922
North Andover Fire Dept.North Andover 688-9593
North Reading Fire Dept.North Reading 664-3112
Northampton Fire Dept.Northampton 587-1032
Northbridge Fire Dept.Whitinsville 234-8448
Norton Fire-RescueNorton 285-0240
Norwell Fire Dept.Norwell 659-8156
Norwood Fire Dept.Norwood 440-5200
Oakham Fire DeptOakham 882-5555

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Boxford Fire Dept.BOXFORD978-887-5725
Braintree, MABraintree 843-3601
Brewster Fire Dept.Brewster 896-7018
Bridgewater Fire DeptBridgewater 697-0900
Brimfield Fire Dept.Brimfield 245-7334
Brockton Fire Dept.Brockton 588-0585
Brookfield Fire Dept.Brookfield 867-7306
Brookline Fire Dept.Brookline(617) 730-2272
Buckland Fire DistrictBuckland413-625-2302
Burlington Fire Dept.Burlington 270-1925
Cambridge Fire Dept.Cambridge(617) 349-4920
Canton Fire Dept.Canton 575-6654
Carlisle Fire Dept.Carlisle 369-2242
Carver Fire Dept.Carver 866-3440
Centerville-Osterville-Marstons Mills (COMM) Fire
Charlemont Fire DeptCharlemont 339-4460
Charlton Fire Dept.Charlton City 248-2299
Chatham Fire Rescue Dept.Chatham
Chelmsford Fire Dept.Chelmsford 250-5267
Chelsea Fire DeptChelsea(617) 884-2010
Cheshire Vol. Fire Dept./ Hoosac
Chester Fire Dept.Chester 354-3558
Chesterfield Fire Dept.Chesterfield 296-4049
Chicopee Fire Dept.Chicopee 594-1600
City of Leominster Fire Dept.Leominster
City of Lowell Fire Dept.Lowell978-459-5553
City of Quincy Fire Dept.Quincy(617) 376-1011
City of Somerville Fire DeapartmentSomerville
Clarksburg Vol. Fire CompanyClarksburg
Clinton Fire Dept.Clinton978-365-4165
Colrain Fire Dept.Colrain 624-5528
Concord Fire Dept.Concord 318-3450
Conway Fire DeptConway 369-4755
Cotuit Fire Dept.Cotuit 428-2210
Cummington Fire Dept.Cummington
Dalton Fire Dept.Dalton 684-0500
Danvers Fire Dept.Danvers 774-2425
Dartmouth Fire Dist # 3Dartmouth 997-6761
Dartmouth Fire District 1Dartmouth 996-1596
Dartmouth Fire District 2Dartmouth 636-2441
Dedham Fire Dept.Dedham 751-9400
Dennis Fire RescueWest Dennis 398-2242
Dept. of Community Safety - Fire ServicesArlington
Onset Fire District Fire Dept.Onset508-295-2122
Orange Fire Dept.Orange 544-3145
Orleans Fire Dept.Orleans 255-0050
Otis Air National Guard Fire Dept.Buzzards Bay 968-4020
Otis Fire Dept.Otis 269-4409
Oxford Fire Dept.Oxford 987-6012
Palmer Fire-Rescue District No.1Palmer 283-3861
Paxton Fire Dept.Paxton508-991-6600
Peabody Fire DeptPeabody 531-3444
Pelham Fire Dept.Pelham 253-3311
Pembroke Fire Dept.Pembroke781-293-2300
Pepperell Fire Dept.Pepperell 433-2113
Peru VFDPeru 655-8811
Petersham Fire Dept.Petersham 724-3371
Pittsfield Fire Dept.Pittsfield 448-9764
Plainfield Fire- EMSPlainfield 634-5582
Plainville Fire Dept.Plainville 695-5252
Plymouth Fire Dept.Plymouth 830-4213
Plympton Fire Dept.Plympton 585-2633
Princeton Fire Dept.Princeton 464-2707
Provincetown Fire Dept.Provincetown508-487-7023
Randolph Fire Dept.Randolph 961-0991
Raynham Fire DeptRaynham 824-2713
Reading Fire Dept.Reading 944-3132
Rehoboth Fire DeptRehoboth 252-3775
Revere Fire Dept.Revere 286-8365
Richmond Fire Dept.Richmond 698-3366
Rockland Fire Dept.Rockland781-878-2123
Rockport Fire Dept.Rockport 546-2842
Rowe Fire Dept.Rowe413-339-4001
Rowley Fire Dept.Rowley 948-3812
Royalston Fire Dept.Royalston 249-8138
Russell Fire Dept.Russell 862-3345
Rutland Fire Dept.Rutland 886-4107
Salem Fire Dept.Salem 744-6990
Salisbury Fire RescueSallisbury 465-3631
Sandwich Fire Dept.Sandwich 888-0525
Saugus Fire Dept.Saugus 941-1170
Savoy VFDSavoy 743-3846
Scituate Fire DeptScituate 545-8748
Seekonk Fire Dept.Seekonk 336-8510
Sheffield Fire Dept.Sheffield 229-7033
Shelburne Falls Fire DistrictShelburne Falls 625-6392

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Devens Fire Dept.Devens 772-4600
Dighton Fire Dept.Dighton 669-6611
Douglas Fire Dept.Douglas 476-2267
Dover Fire Dept.Dover 785-1130
Dracut Fire Dept.Dracut 454-2113
Dudley Fire Dept.Dudley 949-8040
DUXBURY FIRE DEPT.DUXBURY
East Bridgewater Fire DeptEast Bridgewater
East Brookfield Fire Dept.East Brookfield
East Longmeadow Fire Dept.East Longmeadow 525-5430
Eastham Fire Dept.Eastham 255-2324
Easthampton Fire Dept.Easthampton 52
Easton Fire & Rescue DeptSouth Easton 230-0750
Edgartown Fire Dept.Edgartown 627-5167
Egremont Fire Dept.South Egremont413-528-
Erving Fire Dept.Erving 422-2800
Essex Fire DeptEssex 768-6363
Everett Fire Dept.Everett(617) 394-2347
Fairhaven Fire Dept.Fairhaven 994-1428
Fall River Fire Dept.Fall River508-324-2743
Falmouth Fire/ RescueFalmouth 548-2325
Fitchburg Fire DeptFitchburg 345-9660
Florida Vol. Fire Dept.Florida413-663-5417
Foxborough Fire & RescueFoxborough 543-1238
Framingham Fire Dept.Framingham 620-
Franklin Fire Dept.Franklin 528-2323
Freetown Fire DeptEast Freetown 763-4828
Gardner Fire DeptGardner 632-3541
Georgetown Fire Dept.Georgetown978-352-7575
Gill Fire Dept.Gill 863-8955
Gloucester Fire DeptGloucester 281-9760
Gosnold Fire DeptCuttyhurl 990-7408
Grafton Fire DeptGrafton 839-4606
Granby FireGranby 467-9696
Great Barrington Fire DeptGreat Barrington 528-
GreenfieldGreenfield413-774-4737
Groton Fire Dept.Groton 448-6333
Hadley Fire Dept.Hadley413-584-0874
Halifax Fire Dept.Halifax 293-1752
Hamilton Fire Dept.Hamilton 468-5560
Hampden VFDHampden 566-3314
Hanover Fire Dept.Hanover 826-3151
Hanscom AFB Fire Dept.Hanscom AFB 377
Shelburne Vol. Fire Dept.Shelburne 625-6796
Sherborn Fire and Rescue Dept.Sherborn508-653-3270
Shirley Fire Dept.Shirley 425-4334
Shrewsbury, MassachusettsSHREWSBURY 841-8522
Somerset Fire Dept.Somerset 646-2810
South Deerfield Fire Dept.South Deerfield 665-2313
South Hadley Fire Dept. District 2South Hadley 534-5803
South Hadley MA Fire District #1S Hadley413-532-5343
Southampton Fire Dept.Southampton 527-1700
Southborough Fire Dept.Southborough 485-3235
Southwick Fire Dept.Southwick 569-6363
Spencer Fire Dept.Spencer 885-3555
Springfield Fire Dept.Springfield 787-6411
Sterling Fire Dept.Sterling 422-6633
Stoneham Fire DeptStoneham 438-0127
Stoughton Fire/ RescueStoughton 344-3170
Stow Fire DeptStow 897-4537
Sudbury Fire-Rescue DeptSudbury 443-2239
Sunderland Fire Dept.Sunderland 665-2465
Sutton Fire DeptSutton 865-8737
Swampscott Fire Dept.SWAMPSCOTT 595-4050
Swansea Fire Dept.Swansea 672-4305
Taunton Fire Dept.Taunton508-821-1464
Templeton Fire Dept.Baldwinville 939-2222
Tewksbury Fire Dept.Tewksbury 640-4410
Three Rivers Fire Dept.Three Rivers 283-7161
Tisbury Fire Dept.Vineyard Haven 696-4246
Tolland VFDTolland 258-4531
TopsfieldTopsfield 887-5148
Town of Ashfield Fire Dept.Ashfield 628-4406
Town of Barre Fire Dept.Barre978-355-5030
Town of Blackstone Fire Dept.Blackstone 883-1030
Town Of Boylston Fire DeptBoylston(518) 869-2261
Town of Groveland Fire Dept.Groveland978-372-1923
Town Of Lincoln Fire Dept.Lincoln 259-8114
Town of Littleton Fire Dept.Littleton 952-2302
Town of Medfield Fire Dept.Medfield 359-2323
Town Of North Attleborough Fire DeptNorth Attleborough 699-0140
Town of Northborough Fire Dept.Northborough 393-1537
Town Of Oak BluffsOak Bluffs 693-0077
Town of Sandisfield Fire Dept.Sandisfield413-258-4742
Town of Sharon Fire Dept.Sharon781-784-1522
Town of Southbridge Fire Dept.Southbridge508-764-5430

Collective Intelligence in Emergency Management 105

Hanson Fire Dept.Hanson 293-9571
Hardwick Fire Dept.Hardwick 477-6706
Harvard Fire Dept. Harvard 456-3648
Harwich Fire Dept.Harwich 430-7548
Hatfield Fire Dept.Hatfield 247-9008
Haverhill Fire Dept.HAVERHILL 373-8460
Hawley Fire Dept.Hawley 339-4267
Heath Fire Dept.Heath 337-4462
Hingham Fire Dept.Hingham 741-1480
Holbrook Fire Dept.Holbrook781-767-2234
Holden Fire Dept.Holden 829-0266
Holland Fire Dept.Holland 245-9733
Holliston Fire Dept.Holliston 429-4631
Holyoke Fire Dept.Holyoke 534-2250
Hopedale Fire Dept.Hopedale 473-1050
HOPKINTON FIRE DEPT.HOPKINTON
Hubbardston Fire Dept.Hubbardston 928-
Hudson Fire Dept.Hudson 562-5565
Hull Fire Dept.Hull 925-8111
Huntington Fire Dept.Huntington 667-3368
Hyannis Fire Dept.Hyannis 775-1300
Ipswich Fire Dept.Ipswich 356-6630
Kingston Fire Dept.Kingston 585-0532
Lakeville Fire Dept.Lakeville 947-4121
Lancaster Fire Dept.Lancaster 365-3502
Lawrence Fire Dept.Lawrence 798-1234
Lee Fire Dept.Lee 243-2100
Leicester Fire Dept.Leicester 892-7022
Lenox Fire Dept.Lenox 637-2347
Leverett Fire Dept.Leverett 548-9225
Lexington Fire Dept.Lexington 862-0272
Leyden Vol. Fire Dept.Leyden 774-4111
Longmeadow Fire Dept.Longmeadow 567-
Ludlow Fire Dept.Ludlow 583-8332
Lunenburg Fire Dept.Lunenburg 582-4155
Lynn Fire Dept.Lynn 593-1234
Lynnfield Fire Dept.Lynnfield 334-5152
Malden Fire Dept.Malden 397-7383
Manchester Fire Dept.Manchester 526-4040
Mansfield Fire Dept.Mansfield 261-7493
Marblehead Fire Dept.Marblehead 631-0142
Marion Fire Dept.Marion 748-1177
Marlborough Fire Dept.Marlborough 624-
Town of Sturbridge, Massachusetts, Sturbridge FDSsturbridge508-347-2525
Town of Watertown Fire Dept.Watertown(617) 972-6514
Townsend Fire Dept.Townsend 597-8150
Truro Fire RescueTruro 487-7548
Turners Falls Fire Dept.Turners Falls 863-9023
Tyngsborough Fire Dept.Tyngsborough 649-7671
Tyringham VFCTyringham 243-0448
Upton Fire Dept.Upton 529-3421
Uxbridge Fire Dept.Uxbridge 278-2787
Wakefield Fire Dept.Wakefield 246-6432
Walpole Fire Dept.Walpole 668-0260
Waltham Fire Dept.Waltham 314-3700
Ware Fire Dept.Ware 967-5901
Wareham Fire Dept.Wareham 295-2973
Warren Fire Dept.Warren 436-5444
Washington Fire Dept.Washington 623-6019
Wayland Fire Dept.Wayland 358-7951
Webster Fire Dept.Webster 949-3875
Wellesley Fire Dept.Wellesley781-235-1300
Wellfleet Fire Dept.Wellfleet 349-3754
Wendell Fire Dept.Wendell Depot 544-3500
Wenham Fire Dept.Wenham 468-5508
West Barnstable Fire Dept.West Barnstable 362-3241
West Boylston Fire Dept.West Boylston 835-3821
West Bridgewater Fire Dept.West Bridgewater 894-1285
West Brookfield Fire Dept.West Brookfield508-867-1408
West Springfield Fire Dept.West Springfield 732-2650
West Stockbridge Fire Dept.West Stockbridge413-232-4200
West Tisbury Fire Dept.West Tisbury508-693-9555
Westborough Fire Dept.Westborough 366-3040
Westfield Fire Dept.Westfield 562-2329
Westford Fire Dept.Westford 692-5542
Westhampton Fire Dept.Westhampton 529-7181
Westminster Fire Dept.Westminster 874-2313
Weston Fire Dept.Weston 893-2324
Westover ARB Fire Dept.Chicopee 557-3818
Westport Fire DeptWestport 636-1110
Westwood Fire Dept.Westwood 320-1060
Weymouth Fire Dept.Weymouth 337-5151
Whately Fire Dept.Whately 665-2230
Whitman Fire-RescueWhitman 447-7626
Wilbraham Fire Dept.Wilbraham 596-3122
Williamstown Fire Dept.Willamstown 458-8113

Marshfield Fire Dept.Marshfield 837-1315
 Mashpee Fire & RescueMashpee 539-1454
 Massport Fire RescueEast Boston617-561-3400
 Mattapoisett Fire DeptMattapoisett 758-4150
 Maynard Fire Dept.Maynard 897-1015
 Medford Fire Dept.Medford781-396-9400
 Medway Fire Dept.Medway508-533-3213

Melrose Fire DeptMelrose 979-4403

New Mexico

16 Springs Canyon VFDCloudcroft 687-3287
 ABEYTAS VFDBOSQUE 864-0520
 Alamo West Fire RescueAlamogordo 434-3686
 Amalia/Ventero VFDAmalia 586-2348
 Angel Fire Fire Dept.Angel Fire 377-3347
 Animas Vol. Fire & Rescue Dept. Animas
 Arch Vol. Fire and Ambulance Dept.
 ARREY-DERRY FIRE DEPT.ARREY
 Artesia Fire Dept.Artesia505-746-5051
 Atoka Fire Dept.Artesia 746-9562
 Bard-Endee Fire DistrictBard 576-2233
 Bayard Vol. Fire Dept.Bayard505-537-
 Bernalillo Cty. Fire & RescueAlbuquerque505-761-
 Berrendo VFDRoswell 623-4210
 Bloomfield Fire DeptBloomfield 632-6363
 Bluewater Acres-McKinley Cty. Fire Dept.Thoreau
 Boles Acres Fire & RescueAlamogordo 437-0071
 Bonito Vol. Fire Dept.Alto 336-4308
 Brazos Canyon VFDChama 588-0014
 Broadview Fire DeptBroadview 456-8654
 Burro FlatsLa Luz 434-5801
 C.H.E.T. Vol. Fire Dept.Holman505-387-
 CABALLO FIRE & RESCUECABALLO 743-
 Cabo Lucero VFDLas Vegas 425-7261
 Candy Kitchen VFD/EMSPinehill 775-3670
 Canjilon/ Cebolla Fire Dept.Canjilon550-490-
 Capitan Vol. Fire Dept.Capitan505-354-
 Capulin Fire Dept.Clayton100-100-1000
 Carlsbad Fire Dept.Carlsbad 885-3125
 CAUSEY FIRE DEPT.CAUSEY 273-
 Cebolleta Vol. Fire Dept.Cebolleta

Wilmington Fire Dept.Wilmington 658-3346
 WINCHENDON FIRE DEPT.WINCHENDON 297-2323
 Winchester Fire Dept.Winchester 729-1802
 Windsor VFDWindsor 684-3236
 Winthrop Fire Dept.Winthrop(617) 846-3474
 Woburn Fire Dept.Woburn781-932-4580
 Worcester Fire DeptWorcester508-799-1818
 Worthington Fire-RescueWorthington 238-4445
 Wrentham Fire Dept.Wrentham 384-3131
 Yarmouth Fire Dept.South Yarmouth 398-2212

LOS LUNAS FIRE DEPT.LOS LUNAS 866-2116
 Los Ranchos Fire Dept.Albuquerque505-345-9148
 Loving Fire Dept.Loving505-745-3600
 Lovington Fire Dept.Lovington505-396-2359
 Luna Fire & AmbulanceLuna 547-2444
 Madrid Vol. Fire Dept.Madrid 424-8006
 Magdalena Fire Dept.Magdalena505-854-3268
 Maljamar Fire Dept.Maljamar 676-4100
 Maxwell Vol. Fire Dept.Maxwell 375-2317
 Mayhill Vol. Fire & EMSMayhill 687-3416
 McIntosh Fire Dept. TCFD District 3McIntosh 384-2810
 Meadow Lake Vol. Fire and Rescue Dept.Los Lunas
 Melrose Vol. Fire Dept.Melrose505-372-6151
 Mesquite Vol. Fire Dept.Mesquite505-233-4662
 Miami VFDMiami 483-2801
 Midway Fire & EMSDexter505-347-2145
 Milan Vol. Fire Dept.Milan505-287-4491
 Milnesand Fire & AmbulanceMilnesand 675-2411
 Monticello-Placita VFDMonticello 743-2146
 Mora Vol. Fire Dept.Mora505-387-5000
 Mosquero Vol. Fire Dept.Mosquero 673-2448
 Mountainair VFDMountainair 847-0147
 NASA -JSC - White Sands Test FacilityLas Cruces505-524-5641
 Navajo Pine Vol. Fire Dept.Navajo 777-2233
 New Mexico State Pen Fire Dept.Santa Fe 827-8564
 New Mexico State UniversityLas Cruces 646-2519
 New Mexico State University Fire & Emergency
 Nogal Fire DeptNogal 354-3016
 Ocate/Ojo Feliz VFDOcate000-000-0000
 Ojo Caliente Vol. Fire and Rescue Dept.
 Ojo Sarco Vol. Fire Dept.Ojo Sarco 689-2243

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Cedar Hill Fire Dept.Aztec 334-3345
Cerro Fire DeptCerro 586-1317
Chama Fire DeptChama 756-2621
Chamberino Vol. Fire Dept.Chamberino 882-1025
Chamita VFDSan Juan Pueblo 852-4849
Chaparral VFDChaparral 824-4755
Chaves Cty.Dexter505-734-5401
Cimarron Vol. Fire Dept.Cimarron505-
City of Belen Fire Dept.Belen505-864-6321
City of Hobbs Fire Dept.Hobbs 397-9308
City of Las Vegas Fire DeptLas Vegas 425-6321
City of Moriarty Fire Dept.Moriarty 832-
City of Roswell Fire Dept.Roswell 624-
Clayton Fire and RescueClayton505-374-2435
Cliff-Gila Vol. Fire Dept.Cliff 535-2715
Clovis Fire DeptClovis 769-7814
Columbus VFDColumbus 531-2225
Conchas Dam Fire and RescueConchas Dam505-868-
Conservancy Fire District #3Tucumcari505-487-6557
Conservancy Fire District # 2Tucumcari 487-
Cooks Peak Fire District 403Deming505-544-8729
Corrales Fire Dept.Corrales 898-7501
Cotton City Vol. Fire Dept.Animas000-
Cottonwood Vol. Fire Dept.Artesia
Crownpoint VFDCrownpoint 786-7385
Cuba Vol. Fire Dept.Cuba 289-3456
Cubero Vol. Fire Dept.Cubrero505-552-
Datil Fire DeptDatil 772-5566
DEMING FIRE DEPT.DEMING 546-
Dexter Fire & RescueDexter 734-5401
Dixon VFDDixon 579-4652
Dora Fire Dept.Dora 477-2411
Dungan Vol. Fire Dept.Alamogordo
Dunken Fire Dept.Dunken505-687-3389
Eagle Nest Vol. Fire Dept.Eagle Nest505-
East Grand Plains VFDRoswell 624-2018
El Dorado Fire and RescueSanta Fe 466-0348
El Pueblo Fire DeptRibera 421-3834
El Rito Vol. Fire Dept.El Rito505-581-
Elida Fire and RescueElida505-274-6465
Estancia Fire Dept.Estancia505-384-4338
Eunice Fire and RescueEunice505-394-3258
Farley Fire DeptRaton 375-2652
Organ/ East Mesa Vol. Fire; Dona Ana Cty. District #5
Oro Vista Fire & RescueAlamogordo 434-6999
Pecos Canyon Vol. Fire and RescueTererro 757-2591
Peralta Fire DeptPeralta 869-9083
Pie Town Vol. Fire Dept.Pie Town 772-2666
Pine Hill VFDPine Hill 775-3337
Pinehaven VFDGallup 778-5959
Pinos Altos Vol.F.& R.Pinos Altos505-388-4093
Placitas Vol. Fire BrigadePlacitas505-867-5080
Playas Fire DistrictPlayas 436-2230
Pojoaque Vol. Fire Dept.Santa Fe 455-2446
Ponderosa Vol. Fire Dept.Ponderosa505-834-0816
Portales Fire Dept.Portales505-356-4406
Pueblo of Laguna Fire - RescueLaguna 552-1108
Quay Fire DeptTucumcari 487-2002
Queen Vol. Fire Dept.Carlsbad 981-2498
Rabbit Ear VFDClayton 374-8896
Ramah VFD #5Ramah 783-4252
Regina Vol. Fire/RescueRegina 289-4002
Rio Felix Fire Dept.Flying H 687-3075
Rio Fernando Fire District, IncTaos 751-1608
Rio Grande Estates Vol. Fire Dept.Belen 864-6161
Rio Rancho Dept. of Public SafetyRio Rancho 891-5900
Riverside Vol. Fire Dept.Artesia 365-7900
Rowe Vol. Fire Dept.Rowe505-757-2991
Roy Vol. Fire Dept.Roy 485-2541
Ruidoso Fire DeptRuidoso 257-4116
Sacramento Weed Vol. Fire and Rescue DepartWeed 687-
San Antonio Fire Dept.San Antonio 835-2114
San Jon Vol. Fire Dept.San Jon 576-2567
San Juan Cty. Fire Dept. District 11Aztec 632-2437
San Mateo Vol. Fire & RescueGrants 287-4704
Santa Clara Pueblo Fire Dept.Espanola505-753-7326
Santa Fe Cty. Fire Dept.Santa Fe 992-3070
Santa Fe Fire Dept.Santa Fe 955-3110
Santa Rita/ Hanover/ Fierro Vol. Fire Dept.Hanover
Santa Rosa Fire Dept.Santa Rosa505-472-3601
Santa Teresa Vol. Fire Dept.Santa Teresa505-589-0023
Sapello-Rociada VFCSapello 425-7133
Sapillo Creek Vol. Fire & RescueSilver City 536-3104
Sedan Fire DistrictSedan505-374-2774
Sheridan Fire 7 RescueLas Vegas 425-7729
Socorro Fire Dept.Socorro 835-3969

Collective Intelligence in Emergency Management 108

Farmington Fire Dept.Farmington 599-
Fence Lake VFD Fence Lake 788-2209
Folsom Vol. Fire Dept.Folsom 505-278-
Forrest Fire Dept Melrose 458-6058
Fort Sumner Fire Dept.Fort Sumner 355-
Ft Wingate Fire Dept Ft Wingate 488-5261
GALISTEO VOL. FIRE AND RESCUE GALISTEO
GALLUP FIRE DEPT.GALLUP 722-
Golondrinas Vol. Fire Dept.Mora 387-9111
Grenville VFD Grenville 278-3322
Guadalupita VFD Guadalupita 387-2888
Harding Cty. Rural Fire Dept. District #1
Hidalgo Cty. Fire Dept Dist 1 Lordsburg 542-
High Rolls VFD High Rolls 682-3634
Hillsboro Fire/Rescue Dept.Hillsboro 895-
Hope Vol. Fire Dept.Hope 505-484-3351
Horse Mountain Fire Dept.Datil 505-772-5015
Jack Rabbit Flats VFD Tularosa 505-585-2848
Jal Vol. Fire Dept.Jal 505-395-2221
Jemez Springs VFD Jemez Springs 829-3131
Joel VFD Carlsbad 885-4966
Jordan McAlister 505-458-6491
Knowles Fire Dept.Hobbs 392-7469
La Cueva Vol. Fire Dept.Jemez Springs
La Lama Vol. Fire Dept.Questa
La Luz Vol. Fire Dept.La Luz 434-
La MADERA VOL. FIRE DEPT.SANDIA PARK
286-5468
La Mesa Vol. Fire Dept.La Mesa 505-233-
La Puebla Fire District of Santa Fe Cty. Fire Dept.La
Puebla 505-753-1177
LAGUNA VISTA ESTATES VFD RUTHERON
La Huerta VFD Carlsbad 887-6353
Lakeshore Fire Dept Elephant Butte 744-4172
Las Alturas Vol. Fire Dept.Las Cruces
Las Cruces Fire Dept.Las Cruces 528-3473
Las Palomas Vol. Fire Dept.Williamsburg 894-3742
Latir VFD Questa 586-0645
Lincoln Vol. Fire Dept.Lincoln 505-653-
Loco Hills Fire Dept.Loco Hills 677-2349
Lordsburg Fire Dept Lordsburg 542-9261
Los Alamos Fire Dept.Los Alamos 505-662-8301
Los Chavez Fire Dept.Belen 505-864-2000
South Valley Vol. Fire Dept.Las Cruces 505-647-0320
Springer Fire Dept Springer 483-2685
Stanley VFD Stanley 832-2664
Sun Country Vol. Fire Dept.Artesia 484-3599
Sunshine Vol. Fire Dept.Deming 546-6911
Sunspot Vol. Fire Dept.Sunspot 505-434-7195
Taos Ski Valley Fire Dept.Taos Ski Valley 776-8220
Tatum Vol. Fire Dept.Tatum 505-398-3473
Tesuque Vol. Fire District Tesuque 988-3807
Texico VFD Texico 482-9044
Tome-Adelino Vol. Fire Dept.Tome 505-866-2040
Town of Bernalillo Fire/ Rescue Bernalillo 771-7134
Town of Hurley Fire Dept.Hurley 505-537-2958
Town of Mesilla Vol. Fire Dept.Mesilla 523-1311
Town of Silver City Fire Dept.SILVER CITY 505-538-2591
Tremontina VFD Tremontina 641-5260
Tres Piedras Fire District Tres Piedras 751-1593
Truth or Consequences Vol. Fire Dept.Truth or Consequences 894-
Tucumcari Fire Dept.Tucumcari 505-461-4400
Turquoise Trail VFD Cerrillos 471-2715
Tyrone Vol. Fire/ Rescue Dept.Tyrone 505-538-8733
Union Cty., Amistad-Hayden Fire Dept.Clayton 100-100
Upper Mimbres Vol. Fire and Rescue Mimbres 505-536-2811
Ute Park Fire Dept./ Colax Cty. District #3 Ute Park 505-
Vanderwagen Vol. Fire Dept.Vanderwagen 778-5511
Vegueta Fire Dept.Vegueta 505-861-2283
Velarde Vol. Fire Dept.Velarde 000-000-0000
Village of Bosque Farms Fire Dept.Bosque Farms 505-869-
Village of House Fire Dept, House Emergency House 505-279-7777
Village of Reserve Fire Dept Reserve 533-6276
Village of Ruidoso Downs Fire Dept.Ruidoso Downs 505-378-
Village of Tijeras Fire & Rescue Tijeras 505-281-3511
Wagon Mound VFD Wagon Mound 666-2170
Watrous VFD Watrous 425-9750
White Oaks Vol. Fire Dept.Carrizozo 648-2053
White Sands Missile Range Fire Dept.White Sands
White's City Fire Dept.Whites City 785-2219
Wild Horse Ranch Vol. Fire Dept.Pie Town 772-
Winston Chloride Vol. Fire Dept.Winston
Zia Pueblo VFD Zia Pueblo
Zuni Independent Fire District # 8

Oregon

Adair Rural Fire Protection District Corvallis 541-745-7212
 Adrian Rural Fire Protection District Adrian (541) 372-2220
 Agness Illatie Volunteer Fire Dept. Agness 541-247-
 Albany Fire Dept. Albany (541) 917-7700
 Amity Fire District Amity (503) 835-2311
 Applegate Valley RFPD #9 Jacksonville (541) 899-1050
 Arlington Fire District Arlington (541) 454-2900
 Ashland Fire and Rescue Ashland (541) 482-2770
 Astoria Fire/ Rescue Astoria (503) 325-2345
 Athena Volunteer Fire Dept. Athena (541) 566-3491
 Aumsville Rural Fire Protection District Aumsville
 Aurora Rural Fire Protection District Aurora (503) 678-5966
 BAKER CITY FIRE DEPT. BAKER CITY
 Baker RFD Baker (541) 524-9346
 Bandon Rural Fire Protection District Bandon
 Banks Fire District #13 Banks 503-324-6262
 Bay City Volunteer Fire Dept. Bay City
 Black Butte Ranch RFPD Sisters (541) 595-2288
 Blue River Volunteer Fire Dept. Blue River
 Bly Rural Fire District Bly (541) 353-2317
 Boardman Rural Fire Protection District Boardman
 Boring Fire District #59 Boring 503-663-4638
 Brookings Fire/Rescue Brookings (541) 469-2163
 Brownsville Rural Fire District Brownsville (541) 466-5227
 Butte Falls Volunteer Fire Dept. Butte Falls
 Canby Fire District No. 62 Canby (503) 266-5851
 Cannon Beach Rural Fire Protection District Cannon Beach
 Canyon City Volunteer Fire Dept. Canyon
 Cape Ferrelle RFD Brookings (541) 469-5637
 Carlton Fire Dept. Carlton 503-852-6562
 Cascade Locks Fire & EMS Cascade Locks
 Central Oregon Coast Fire & Rescue Waldport
 Charleston Rural Fire Protection District Coos Bay
 CHEMULT RFPD CHEMULT (541) 355-2255
 Chiloquin-Agency Lake Rural Fire Protection District
 City of Condon Volunteer Fire Dept. Condon 541-384-
 City of Dallas Fire Dept. Dallas (503) 831-3541
 City of Eugene Fire & EMS Dept. Eugene 541-682-7100
 City of Garibaldi Fire Dept. Garibaldi 503-322-3635
 City of Gold Beach Fire Dept. Gold Beach 541-247-
 City of Gresham Fire and Emergency Services Gresham (503) 338-2222
 City of Milton-Freewater Fire Dept. Milton-Freewater (503) 338-2222
 Lakeview Fire Dept. Lakeview (541) 947-2504
 Lane County Fire District #1 Veneta (541) 935-2226
 Lane Rural Fire/ Rescue Eugene (541) 688-1770
 Langlois Rural Fire Protection District Langlois (541) 348-2564
 LaPine Rural Fire Protection District LaPine 541-536-2935
 Lebanon Fire District Lebanon (541) 451-1901
 Lewis & Clark Fire District Astoria (503) 325-4192
 Lexington VFD Lexington (541) 989-8515
 Lookingglass Rural Fire District Roseburg (541) 679-5555
 Lorane RFPD Lorane (541) 942-1233
 Lostine Fire Dept. Lostine 541-569-2415
 Lowell Rural Fire Protection District Lowell (541) 937-3393
 Lyons Rural Fire Protection District Lyons (503) 859-2410
 Manzanita Dept. of Public Safety Manzanita 503-368-7229
 Marion County Rural Fire Protection District #1 Salem (503) 325-2222
 McKenzie Fire & Rescue Walthamville (541) 746-6312
 McMinnville Fire Dept. McMinnville (503) 435-5800
 Medford Fire Dept. Medford (541) 774-2300
 Medical Springs Rural Fire Protection District Medical Springs (541) 774-2300
 Merrill RFPD Merrill (541) 798-5508
 Mid-Columbia Fire and Rescue The Dalles (541) 296-9445
 Mill City Rural Fire Protection District Mill City 503-897-2390
 Millington Rural Fire Protection District #5
 Milo Rural Volunteer Fire Dept. Days Creek 541-825-3661
 Milton Freewater Rural Fire Dept. Milton Freewater
 Mist-Birkenfeld Rural Fire Protection District Mist 503-755-2710
 Mitchell Volunteer Fire Dept. Mitchell 541-462-3111
 Mohawk Valley RFD Marcola (541) 933-2907
 Molalla RFPD #3 Molalla (503) 829-2200
 Monitor RFPD #58 Woodburn (503) 634-2570
 Monroe RFPD Monroe (541) 847-5170
 Moro Rural Fire Protection District Moro 541-565-3100
 Mosier Fire Department Mosier 541-478-4335
 Mt Angel Fire Dept Mt Angel (503) 845-2438
 Mt Vernon VFD Mt Vernon (541) 932-4688
 Mt. Angel Rural Fire Protection District Mount Angel 503-845-2438
 Multnomah County Rural Fire Protection District Corbett
 Myrtle Creek Volunteer Fire Dept. Myrtle Creek
 Myrtle Point Fire Dept. Myrtle Point 541-572-5422
 Nehalem VFD Nehalem (503) 368-6800
 Nestucca Rural Fire Protection District Cloverdale (503) 392-3313
 Netarts-Oceanside Rural Fire Protection District Netarts

Collective Intelligence in Emergency Management 110

City of Oakridge Fire Dept.Oakridge(541) 782-2416
City of Roseburg Fire Dept.Roseburg(541) 673-4459
Clackamas County Fire District #1Milwaukie503-742-2600
Clackamas County Rural Fire Protection Dist. #68 (Clatskanie RFPDClatskanie(503) 728-2025
Cloverdale Rural Fire Protection DistrictSisters(541) 548-
Coburg Fire DistrictCoburg541-686-2347
Colestin RFPDAshland(541) 488-1768
Colton Rural Fire Protection District #70Colton503-824-2545
Coos Bay Fire and RescueCoos Bay(541) 269-1191
Coquille Fire Dept.Coquille541-396-2232
Cornelius RFPDCornelius(503) 357-3840
Corvallis (OR) Fire Dept.; & Corvallis RFPDCorvallis(
Cottage Grove/South Lane RuralCottage Grove(541) 942-
Cove Rural FPDcove(541) 568-7734
Crater Lake National Park Fire Dept.Crater Lake(
Crescent-Odell Lakes Rural Fire Protection DistrictCrescent
Crescent FRPDCrescent(541) 433-2466
CRESWELL RURAL FIRE PROTECTION -
Crook County Fire & RescuePrineville(541) 447-5011
Crooked River Ranch Rural Fire Protection DistrictTerrebonne
Days Creek Rural Fire DistrictDays Creek541-825-3216
Dayton Fire DistrictDayton(503) 864-3558
Deadwood Creek Fire ServiceDeadwood(541) 964-3029
Dee Rural Fire Protection DistrictHood River541-354-1830
Depoe Bay RFDDepoe Bay(541) 765-2202
Dexter Rural Fire Protection DistrictDexter(541) 937-3045
Dora-Sitkum Rural Fire Protection District
Douglas County Fire District # 2Roseburg(541) 673-5503
Drain Rural Fire protection DistrictDrain541-836-2282
Drakes Crossing Rural Fire Protection District
Dundee Fire & RescueDundee503-554-8442
East Umatilla County Rural Fire Dept.Weston
Echo Rural Fire Dept.Echo(541) 376-8118
Elgin Rural Fire Dept.Elgin(541) 437-1828
Elkton Rural Fire DeptElkton(541) 584-2300
Elsie-Vinemaple RFPD #11Seaside(503) 755-2233
Enterprise Fire Dept.Enterprise541-426-4196
Estacada Rural Fire District #69Estacada(503) 630-7712
Evans Valley Fire District #6Rogue River(541) 582-0678
Fair Oaks Rural Fire Protection DistrictSutherlin
Fairview RFPDCoquille(541) 396-3473
Falls City Fire Dept.Falls City(503) 787-3767
New Pine Creek RFPDNew Pine Creek(530) 946-4104
Newberg Fire DeptNewberg(503) 537-1230
North Bend Fire & RescueNorth Bend(541) 756-7757
North Douglas County Fire and EMSDrain541-836-2282
North Gilliam County FRPDArlington(541) 454-2900
North Lincoln Fire & Rescue DistrictLincoln City(541) 996-2233
North Sherman County Rural Fire Protection DistrictWasco541--
Oakland Rural Fire Dept.Oakland(541) 459-5427
Odell Rural Fire Protection DistrictHood River541-354-1648
Olney - Walluski Rural Fire District # 35Astoria(503) 325-5440
Ontario Fire & Rescue/ Ontario RuralOntario(541) 881-3233
Ophir Rural Fire Protection DistrictGold Beach541-247-2452
Paisley VFDpaisley(541) 943-3124
Parkdale Rural Fire Protection DistrictParkdale541-352-6166
Pendleton Fire and Ambulance ServicePendleton541-276-1442
Philomath Fire & RescuePhilomath(541) 929-3002
Phoenix Volunteer Fire Dept.Phoenix(541) 535-2883
Pilot Rock RFPDPilot Rock541-443-3473
Pine Grove Rural Fire Dept.Hood River(541) 386-2900
Pine Hollow Fire Dept.Tygh Valley(541) 544-2338
Pine Valley RFPDHalfway(541) 742-6796
Pistol River Fire DistrictPistol River100-100-1000
Pleasant Hill Rural Fire Protection DistrictPleasant Hill(541) 747-8016
Polk County Fire District #1Independence(503) 838-1510
Portland Air Base Fire & Rescue ANGPortland(503) 335-4890
Portland Fire & RescuePortland(503) 823-3906
Powder River Rural Fire Protection DistrictSumpter541-894-0140
Powers Volunteer Fire Dept.Powers(541) 439-2411
Prairie City Volunteer Fire Dept.Prairie City(541) 820-3605
Rainier Fire DeptRainier(503) 556-3672
Redmond Fire and RescueRedmond541-504-5000
Reedsport Volunteer Fire Dept.Reedsport541-271-2423
Rice Hill Rural Fire Dept.Oakland(541) 849-2508
Riddle Volunteer Fire Dept.Riddle541-874-2373
Rockaway Beach Fire DeptRockaway Beach(503) 355-2291
Rogue River Fire DistrictRogue River(541) 582-4411
Rogue Valley International-Medford Fire DeptMedford(541) 776-2830
Rufus Volunteer Fire Dept.Rufus(541) 739-2222
Rural/Metro Fire DeptGrants Pass(541) 474-1218
Salem Fire DeptSalem(503) 588-6245
Sandy Rural Fire Protection District # 72Sandy(503) 668-8093
Santa Clara Rural Fire Protection DistrictEugene(541) 688-3697
Scappoose RFDScappoose(503) 543-5026

Collective Intelligence in Emergency Management 111

Forest Grove Fire & Rescue Forest Grove(503) 992-3240
Fossil Volunteer Fire Dept.Fossil(541) 763-2222
Gardiner Rural Fire Protection District Gardiner
Gaston Fire District Gaston(503) 985-7575
Gates RFPD Gates(503) 897-2929
Gearhart Volunteer Fire Dept. Gearhart(503) 738-7838
Gladstone Fire Gladstone(503) 656-4253
Glide Rural Fire Protection District Glide(541) 496-0224
Goshen Rural Fire Protection District Eugene(541) 747-3104
Grants Pass Fire Rescue Grants Pass(541) 471-8560
Greenacres Rural Fire Protection District Coos Bay(
Haines FPD Haines(541) 856-3220
Halsey Shedd Fire Protection District Halsey(541) 369-2419
Hamlet VFD Seaside(503) 738-8188
Harbor RFPD Harbor(541) 469-5301
Harriman Rural Fire Protection District Klamath Falls(
Harrisburg Fire/ Rescue Harrisburg(541) 995-6412
Hauser RFPD North Bend(541) 756-7222
Helix Rural Fire Protection District Helix(541) 457-2911
Hermiston Fire & Emergency Services Hermiston(541) 567-
Hillsboro Fire Dept Hillsboro(503) 681-6166
Hines Fire Dept. Hines(541) 573-2251
Hood River Fire Dept. Hood River(541) 386-3939
Hoodland Fire District #74 Welches(503) 622-3256
Hoskins - Kings Valley R.F.P.D. Philomath(541) 929-2111
Hubbard RFPD Hubbard(503) 981-9454
HUNTINGTON VOLUNTEER FIRE DEPT.
Idanha-Detroit RFPD Detroit(503) 854-3494
Illinois Valley Rural Fire Protection District Cave
Imbler RFPD Imbler(541) 534-6351
Ione RFPD Ione(541) 422-7303
Irrigon Rural Fire Protection District Irrigon(541) 922-3133
Jackson County Fire District #5 Phoenix(541) 535-4222
Jackson County Fire District No. 3 White City(541) 826-7100
Jackson County Fire District No. 4 Shady Cove(541) 878-
Jacksonville Fire Dept. Jacksonville(541) 899-7246
Jefferson County Fire District #1 Madras(541) 475-7274
Jefferson RFPD Jefferson(541) 327-8222
John Day Fire Dept John Day(541) 575-1855
Jordan Valley VFD Jordan Valley(541) 586-2460
Joseph Fire Dept Joseph(541) 432-3832
Junction City Rural Fire Protection District Junction City
Keating RFPD Baker City(541) 523-6047
SCIO RURAL FIRE PROTECTION DISTRICT SCIO(503) 394-3000
Scottsburg Rural Fire District Scottsburg(541) 587-4300
Seal Rock Rural FPD Seal Rock(541) 563-4441
Seaside Fire and Rescue Seaside(503) 738-5420
Seneca Volunteer Fire Dept. Seneca(541) 542-2161
Sheridan Fire District Sheridan(503) 843-2467
Shutter Creek Correctional Institution Fire Dept North Bend(541) 756-6666
Siletz Rural Fire Protection District Siletz(541) 444-2043
Silver Lake Rural Fire Protection District Silver Lake(541) 576-2555
Silverton Fire District Silverton(503) 873-5328
Sisters-Camp Sherman RFPD Sisters(541) 549-0771
Siuslaw Valley Fire and Rescue Florence(541) 997-3212
Sixes Rural Fire Protection Dept. Sixes(541) 332-9090
South Sherman Fire District Grass Valley(541) 333-2525
Spray Volunteer Fire Dept. Spray(541) 462-2069
Springfield Fire and Life Safety Springfield(541) 726-3737
St Paul Rural Fire Protection District St Paul(503) 633-4602
St. Helens Rural Fire District Saint Helens(503) 397-2990
Stanfield Fire District Stanfield(541) 449-1123
Stayton Rural Fire Protection District Stayton(503) 769-2601
Sublimity Fire District Sublimity(503) 769-3282
Sumpter Volunteer Fire Dept. Sumpter(541) 894-2314
Sunriver Sunriver(541) 593-8622
Surprise Springs Rural Fire & Rescue Richland(541) 893-6977
Sutherlin Fire Dept. Sutherlin(541) 459-1394
SW Polk County Rural Fire Protection District Rickreall(503) 831-3533
Sweet Home Fire & Ambulance District Sweet Home(541) 367-5882
Swiss Home-Deadwood Rural Fire Protection District Swiss Home
Tangent Rural Fire Protection District Tangent(541) 928-8722
Tenmile RFD Tenmile(541) 679-1882
Thomas Creek / Westside R.F.P.D. Lakeview(541) 947-2446
Three Rivers Volunteer Fire Dept. Culver(541) 480-5343
Tillamook Fire District Tillamook(503) 842-7587
Tiller RFPD Tiller(541) 825-3685
Toledo Fire Rescue Toledo(541) 336-3311
Tri City Rural Fire Protection District #4 Myrtle Creek(541) 863-6871
Tualatin Valley Fire & Rescue Aloha(503) 649-8577
Turner Fire District Turner(503) 743-2190
U.S. Coast Guard Air Station Astoria Warrenton(503) 861-6211
Umatilla Chemical Depot Fire Dept. HERMISTON(541) 564-5210
Umatilla Rural Fire Protection District Umatilla(541) 922-3718
Umatilla Tribal Fire Dept. Pendleton(541) 276-2126
Union Emergency Services-Fire Dept. Union(541) 562-6226

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Keizer Fire District Keizer(503) 390-9111
Kellogg Rural Fire District Oakland(541) 459-7911
Keno Fire Dept. Keno(541) 883-3062
Kingsley Field Fire Dept. Klamath Falls(541) 885-6382
Klamath County Fire District #1 Klamath(541) 885-2056
Klamath County Fire District 3 Sprague River 501-533-2141
Knappa Fire District Astoria(503) 458-6610
La Grande Fire Dept. (City) La Grande(541) 963-3123
LA GRANDE RURAL FIRE PROTECTION DISTRICT
Lafayette F.D. Lafayette 503-864-2824
Lake Creek Fire and Rescue Blachly(541) 925-3064
Lake Creek Rural Fire District Eagle Point(541) 826-2163
Lake Oswego Fire Dept. Lake Oswego(503) 635-0275
Wolf Creek Rural Fire Protection District Wolf Creek
Woodburn Fire District Woodburn
Yachats Rural Fire Protection District Yachats
Yamhill FPD Yamhill

Ohio

180th Ohio Air National Guard Fire Dept. Swanton
Aberdeen-Huntington Twp. Vol. Fire Dept. Aberdeen
Ada-Liberty TWP Fire Dept. Ada 634-0880
Adamsville Community Fire Dept. Adamsville-796-
Adena VFC Adena 546-4113
Aid TWP Vol Fire Dept., Inc. Willow Wood
AKRON FIRE DEPT. AKRON 375-2411
Albany Area VFD Albany 698-7286
Alexandria-Saint Albans TWP Fire Dept. Alexandria
Allen - Clay Joint Fire District Genoa 419-855-4733
Allen TWP Fire Dept. Marysville 642-5536
Alliance Fire Dept. Alliance 821-1213
Alvordton-Millcreek TWP Fire Department
Amanda TWP Fire Dept. Amanda-969-2629
Amberley Village Fire Dept. Cincinnati 531-2040
Ames-Bern- Amesville VFD Amesville 448-7235
Amherst Fire Dept. Amherst 988-4117
Amsterdam Vol Fire Dept., Inc. Amsterdam
Anderson TWP Fire & Rescue Dept. Cincinnati 62
Andover Vol Fire Dept., Inc. Andover 293-
Anna Fire Dept. Anna 394-2116
Ansonia VFD Ansonia 337-1811
Antioch Community Vol Fire Dept. Antioch-
Antrim Community Vol Fire Dept. Freeport-
Upper McKenzie Rural Fire Protection District McKenzie Bridge(541) 822-
Vale City and Rural Fire Dept. Vale 541-473-3796
Veronica RFPD Veronica(503) 429-8252
Wallowa Volunteer Fire Dept. Wallowa 541-886-2422
Warrenton Fire Dept. Warrenton(503) 861-2494
Washington County Fire District #2 North Plains(503) 647-9900
West Side Rural Fire Protection District Hood River(541) 386-5551
West Valley Fire District Willamina(503) 876-2004
Westfir Vol. Fire Dept. Westfir 541-782-3733
Wheeler Point Volunteer Fire Association, Inc. Spray(541) 468-2223
Willamina Fire District Willamina(503) 876-2004
William RFPD Williams(541) 846-7644
Winson Dillard Fire Dept. Winston(541) 679-8721
Lowellville Vol Fire Dept. Lowellville-536-6415
Ludlow Falls Fire Dept. Ludlow Falls 698-
Lynchburg Area Joint Fire and Ambulance District
Lyndhurst Fire Dept. Lyndhurst 473-9
Lyons-Royalton Fire Dept. Lyons 419-923-2841
Macedonia Macedonia 468-8339
Mad River TWP Fire & EMS Enon 864-7429
Madeira & Indian Hill Joint Fire District
Madison Fire District Madison 428-1522
Madison TWP Fire & Ems South Charleston
Madison TWP Fire Dept. Groveport(614)
Madison TWP Fire Dept. Newark
Madison TWP Fire Dept. Mansfield 589-
Madison TWP Kunkle Fire Dept. Kunkle 737-3073
Madison-Jefferson Joint Fire District Oak Hill
Malta-McConnelsville Vol Fire Dept.
Malvern Fire Dept. Malvern 863-1515
Manchester Fire Dept. Manchester 549-
Mansfield Fire Dept. Mansfield 755-9814
Mantau-Shalersville Fire Dept. Mantua 274-3535
MAPLE HEIGHTS MAPLE HEIGHTS(216) 662-
Maplewood Vol Fire Dept.
Marblehead Fire Dept. Marblehead 798-
Margaretta TWP Fire Dept. Castalia

ANTWERP FIRE DEPT.ANTWERP 258-66
 Apple Creek Vol Fire & Emergency Squad, Inc.
 Arcanum Fire DeptArcanum 692-8170
 Archbold-German TWP Fire Dept.Archbold 445-
 Arlington Heights Fire/ EMSCincinnati 821-1100
 Arlington Vol Fire Dept.Arlington419-365-5253
 Ashtabula Fire Dept.Ashtabula 992-7186
 Ashtabula Twp Fire DeptAshtabula 997-4641
 Athens Fire DeptAthens 592-1
 Atwater Fire Dept.Atwater 947-2323
 Auburn VFDChagrin Falls 543-4133
 Auglaize Twp Fire DeptDefiance 393-4144
 Aurora Fire Dept.Aurora 562-7171
 Austinburg Vol Fire Dept.Austinburg 275-
 Austintown Fire Dept.Austintown 799-8502
 Avon Fire Dept.Avon-934-1222
 Avon Lake Fire DeptAvon Lake 933-8305
 B. P. M. Fire DeptBloomingburg 437-7226
 Baechwood Fire DeptBeaachwood(216) 292-1965
 BAINBRIDGE FIRE DEPT.BAINBRIDGE(
 Bainbridge Twp Fire DeptChagrin Falls 543-9873
 Bakersville VFD Bakersville
 Ballville TWP Vol Fire Dept.Fremont 332-
 Baltic Fire & RescueBaltic 897-5515
 Barberton Fire Dept.Barberton 848-6732
 Barnesville Vol Fire Dept.Barnesville 425-
 Barton Vol Fire Dept., Inc.Barton 695-3029
 Bascom Joint Fire DistrictBascom -2858
 Basil Joint Fire DistrictBaltimore 852-8596
 Batavia Twp Fire & Rescue/ Batavia Village FDBatavia
 Bath Fire & RescueAkron 666-3738
 Bath Twp Fire DeptLima 221-0550
 Battle Run Fire DistrictProspect 494-2355
 Bay View Fire Dept.Sandusky 684-7454
 Bay Village Fire Dept.Bay Village 871-1214
 Bazetta Fire Dept.Cortland 637-4136
 Beach City Fire & RescueBeach City 756-2664
 Beaver TWP Fire Dept.N. Lima 549-2133
 Beaver VFDBeaver 226-5771
 Beaver creek Fire Dept.Beaver creek 426-1213
 Beaverdam Richland Fire Dept.Beaverdam 643-
 Bedford Division of FireBedford 232-1214
 Bedford Heights Fire Dept.Bedford Heights 786-
 Mariemont Fire DeptCincinnati 271-4089
 Marietta Fire Dept.Marietta 373-4631
 Marion City Fire Dept.Marion 382-0040
 Marion TWP Fire Dept.Marion 387-5404
 Marlboro Vol. Fire Co.Alliance 935-0280
 Marseilles Vol Fire Dept.Upper Sandusky(614) 499-2848
 Marshall TWP Fire Dept.Hillsboro 466-
 MARSHALLVILLE VOL FIRE DEPT.
 Martins Ferry Fire Dept.Martins Ferry
 Martinsville and Clark TWP Fire Dept.
 Mary Ann TWP Fire Dept.Newark 345-
 Marysville Fire Dept.Marysville 642-2065
 Mason Fire Dept.Mason 229-8540
 Massie TWP Fire Dept.Harveysburg-
 Massillon Fire Dept.Massillon 833-1053
 Maumee Fire DivisionMaumee 897-7055
 Mayfield Heights Fire DeptMayfield Heights
 Mayfield Village Fire DeptMayfield 461-1208
 Maynard Community Vol Fire Dept.
 McCutchenvilleMcCutchenville 981-5005
 McDonald Fire DeptMcDonald 530-5472
 McGuffey Vol Fire CompanyMcGuffey
 Mecca Vol Fire Dept.Cortland-637-
 Mechanicsburg Fire Dept.Mechanicsburg-
 Medina Fire DeptMedina 725-1772
 Medina Twp Fire DeptMedina 723-6900
 Mendon - Union Fire Dept.Mendon 795-
 Mentor Fire DeptMentor 974-5765
 Mesopotamia Vol Fire Dept.
 Metamora-Amboy Vol Fire Dept.
 Miami TWP Fire & EMSMilford 248-3700
 Miami TWP Fire Dept.Cleves 353-
 Miami TWP Fire-RescueYellow Springs
 Miami Twp Fire DeptMiamisburg 433-4242
 Middle Point Fire Dept.Middle Point 968-
 Middleburg Heights Fire Dept.Middleburg
 Middlefield Vol Fire Dept.
 Middleport Fire Dept.Middleport 992-
 Middleton TWP Fire Dept.Haskins419-
 Middletown, Division of FireMiddletown 425-
 Midvale VFDMidvale 339-1939
 Mifflin TWP - Division of FireGahanna(614)
 Mifflin TWP Richland Cty. Fire Dept.

Collective Intelligence in Emergency Management 114

Bellaire Fire Dept.Bellaire 676-5880
Bellbrook Fire Dept.Bellbrook 848-3272
Belle Valley Vol Fire Dept.Belle Valley
Bellefontaine Fire Dept.Bellefontaine 599-6168
Bellevue Fire Dept.Bellevue 483-2659
Belmont Vol Fire Dept.Belmont-484-1154
Beloit Fire Dept.Beloit 938-6820
Belvedere Vol. Fire Dept. Inc.Bloomingtondale 264-4132
Benton Twp VFDPiketon 493-3945
Berea Fire Dept.Berea 234-1214
Berlin TWP Fire Dept.Berlin Center 547-
Berlin TWP Fire Dept.Delaware 548-6031
Berlin TWP Fire Dept.Berlin Heights 588-
Bethel TWP Fire Dept.Medway 849-1556
Bethel TWP Fire Dept.Tipp City 845-4274
Bethel Twp. V.F.D.Lower Salem 934-2828
Bethel-Tate Fire DeptBethel 734-4444
BETHESDA FIRE DEPT.BETHESDA-484-
Bethlehem Fire And Rescue Inc.Navarre 879-5800
BETTSVILLE VOL. FIRE DEPT.BETTSVILLE 986-
Beverly Vol Fire Dept.Beverly 984-2252
Big Walnut Joint Fire DistrictMarengo 253-2222
Bladensburg Vol Fire Dept.Bladensburg -
Blanchard TWP Vol Fire Dept.Benton
Blanchard TWP/ Gilboa Fire Dept.Ottawa 456-
Blanchester Marion TWP Fire DistrictBlanchester--
Bloom TWP Fire Dept.Lithopolis(614) 837-5530
Bloomdale Fire Dept. & Rescue SquadBloomdale
Bloomfield TWP, Vol, Fire Dept,N. Bloomfield-685-
Bloomfield Vol Fire Dept.Jackson 286-
Boardman F.D.Boardman-726-4199
Bokoescreek TWP Fire Dept.West Mansfield
Bolivar Vol Fire Dept. Inc.Bolivar-874-3115
Botkins Fire DeptBotkins 693-3314
Bowerston Vol Fire Dept.Bowerston 269-
Bowling Green Fire DivisionBowling Green 352-3106
Braceville TWP Fire Dept.Newton Falls 898-
Bradford Fire & rescue ServicesBradford 448-2686
Bradner Fire Dept.Bradner 288-2012
Brady Lake Fire Dept.Ravenna 673-2345
Brady TWP Fire Dept.West Unity 924-2345
Brecksville Fire DeptBrecksville 526-2640
Bremen-Rushcreek Fire DeptBremen 569-4826
Mifflin VFDAshland 368-5127
Milan TWP Fire Dept.Milan419-499-2675
Milford Community Fire DpartmentMilford 8
Milford TWP Fire Dept.Collinsville 726-
Miller City Vol Fire Dept.Miller
Millersport Fire Dept.Millersport 467-
Millville Fire Dept.Hamilton 863-3410
Milton Twp Fire DistrictMilton Center 669-2663
Mineral City Vol Fire Dept.Mineral City
Minerva Park Vol Fire Dept.
Minerva Vol Fire Dept.Minerva
Mingo Junction Fire & E.M.S.Mingo Junction
Mogadore Fire DeptMogadore 628-4896
Monclova TWP Fire/ Rescue Dept.
Monday Creek Twp VFDLogan000-000-0000
Monroe TWP Fire Dept.New Richmond
Monroe TWP Fire Dept.Johnstown
Monroe TWP/ Lucas Fire Dept.Lucas 892-
Monroe Vol Fire Dept.Conneaut
Montezuma Community Fire Co., Inc.Montezuma 268-
Montgomery Fire DeptMontgomery 985-1633
Montpelier Fire Dept.Montpelier 485-
Montville VFDMontville 968-3318
MOOREFIELD TWP FIRE DEPT.
Moorefield Twp VFDPiedmont 968-4603
Moraine Fire Dept.Moraine 535-1120
Morgan Hose Company Vol Fire Dept.
Morgan TWP Vol Fire Dept.
Morgan TWP Vol Fire Dept.
Morral- Salt Rock TWP Fire Dept.
Morrow Fire Dept.Morrow-899-2222
Mount Pleasant Vol Fire Dept.
Mount Vernon Fire Dept.Mount Vernon
Mowrystown Fire & RescueMowrystown 442-
Mt Gilead Fire DeptMt Gilead 946-2551
Mt. Healthy Fire DeptMt Healthy 931-8840
Mt. orab Fire Dept., Inc.Mt Orab 444-
Munroe Falls Fire Dept.Munroe Falls 688-
Munson Fire Dept.Munson 286-6797
Murray City VFDMurray City 762-2362
Nankin/Orange TWP Vol Fire Dept.
Napoleon Fire DeptNapoleon 592-0441
National Trail VFDGratiot 787-2466

Collective Intelligence in Emergency Management 115

Brewster Fire Dept.BREWSTER-767-4212
Bridgeport Fire Dept.Bridgeport 635-0202
Brilliant Vol Fire Dept.Brilliant 598-4151
Brimfield Fire Dept.Kent 678-9244
Bristol Fire Dept.Bristolville 889-2176
Broadview Heights Fire DeptBroadview Heights 526-
Brook Park Fire Dept.Brook Park(216) 433-1215
Brookfield TWP Fire Dept.Brookfield 448-
Brooklyn Heights Fire Dept.Brooklyn Heights(216)
Brookside Fire Dept.Bridgeport 635-1997
Brookville Fire Dept.Brookville 833-2345
Brown TWP Fire Dept.Malvern 863-0176
Brunswick Hills TWP Fire Dept.Brunswick-
Brushcreek Twp. Vol. Fire Dept.Sinking Spring-588-3023
BST & G Joint Fire DistrictSunbury-965-3841
Buckeye Lake Village Fire Dept.Buckeye Lake
Buckland Vol Fire Dept., Inc.Buckland419-657-
Bucyrus Fire Dept.Bucyrus 562-1351
Bucyrus TWP Fire Dept.Bucyrus419-562-6446
Burbank Vol Fire Dept.Burbank 624-2464
Burghill-Vernon Vol Fire Dept.Kinsman 772-
Burkettsville Community Fire Dept.Burkettsville 375-4752
Burlington-Fayette Fire Dept.South Point 894-5300
Butler Twp Fire Dept.Dayton 890-2491
Byesville Vol Fire Dept.Byesville-685-6222
Byrd Twp VFDDecatur 373-2
Cairo Monroe TWP Fire Dept.Cairo 641-5735
Calcutta Fire Dept.Calcutta 386-5458
Caldwell Vol Fire Company, Inc.Caldwell-732-2802
Cambier College Twp Fire Dept.Gambier 427-3000
Cambridge Fire Dept.Cambridge 432-3232
Camden Somers Fire/ RescueCamden 452-1239
Camden TWP Fire Dept.Kipton 775-3456
Campbell Fire Dept.CAMPBELL 755-8082
Canton Fire Dept.Canton 489-3411
Canton TWP Fire DeptCanton 484-6165
Cardinal Joint Fire DistrictCanfield 533-4316
Carlisle Fire Dept.Carlisle 746-0555
Carlisle TWP Fire Dept.Lagrange-458-5178
Carroll Cty. Vol Fire Dept.Carrollton 627-3903
Carroll TWP Fire Dept.Oak Harbor 898-9621
Carrollton Village Fire Dept.Carrollton 627-2889
Cartland City Fire Dept.Cartland-637-2891
Navarre Village Fire Dept.Navarre-879-
Neffs Fire Dept. Station 32Neffs 676-5563
Negley Vol Fire Dept. Association Inc.
Nelsonville Division of FireNelsonville 753-
New Alexandria VFDMingo Junction 598-3417
New Athens Vol Fire & Emergency Dept
New Bavaria/Pleasant Twp Fire Dept
New Boston Fire DeptNew Boston 456-4107
New Bremen German TWP Fire Dept.
New Carlisle Fire DivisionNew Carlisle-845-8401
New Concord Fire Dept.New Concord 8
New Franklin Fire Dept.Akron 882-3111
New Jasper Twp Fire DeptXenia 374-7
New Knoxville-Washington TWP Fire Dept
New Lebanon Fire DeptNew Lebanon 687-7510
New Lexington Fire Dept.New Lexington
New London Fire DeptNew London 929-0022
New Madison Community Vol Fire Co Inc.
New Matamoras Vol Fire Dept.
New Miami Fire DeptHamilton 895-3581
New Middletown Village Fire
New Pittsburg Fire
New Richmond Fire DeptNew
New Riegel Fire DeptNew Reigel 595-2648
New Straitsville Vol Fire
New Vision Fire and Rescue, Inc.Marion 387-
New Waterford Vol Fire
Newark Fire Dept.Newark-349-6750
Newburgh Heights Fire
Newbury Vol Fire Dept. Inc.
Newcomerstown Emergency Rescue Squad, Inc.
NEWPORT VOL FIRE DEPT.,
Newton TWP Fire
NF Joint Fire DistrictNewton Falls 872-7306
Nile TWP Vol Fire Dept.Friendship-858-4042
Niles Fire Dept.Niles 544-9022
Nimishillen TWP Fire Dept.Louisville 453-5880
Noble TWP Fire DeptDefiance 782-0733
N. Randall Fire Dept.N. Randall216-587-9283
N. Canton Fire DeptN. Canton 499-3404
N. College Hill Fire Dept.N. College Hill 521-3950
N. Georgetown Vol Fire Dept.N. Georgetown 525-
N. Kingsville VFDN Kingsville 224-0877

Collective Intelligence in Emergency Management 116

Casstown Community VFC IncCasstown 339-1514
Catawba Island Vol Fire Dept.Port Clinton 797-2424
Cedarville Twp VFDCedarville 766-5851
Celina Fire Dept.Celina 586-2127
Center TWP Fire Dept.Bowling Green419-352-2128
Center TWP Vol Fire Dept.Beverly 558-2615
Centerville Fire Dept.Thurman 245-5517
Central Joint Fire - EMS DistrictBatavia-732-3876
Central Joint Fire DistrictPortage 686-4545
Central Ohio Joint Fire DistrictCenterburg 625-5646
Central Twp Fire DeptLondon 852-3393
Chagrin FallsChagrin Falls 247-8281
Champion TWP Fire DeptWarren 847-0311
Chardon Fire Dept.Chardon-285-4665
Charlesdown Fire Dept.Ravenna-296-7003
Chatham Vol Fire & Rescue Dept.Spencer-667-2372
Chauncey-Dover Vol Fire Dept.Chauncey 797-2600
Chesapeake-Union TWP Vol Fire Dept.Chesapeake 867-
Chester Twp New Burlington Fire DeptWilmington 488-2451
Chester Vol Fire Dept.Chester 985-4343
Chesterhill Vol Fire Dept., Inc.Chesterhill-554-6801
Chesterland Fire Rescue, Inc.Chesterland 729-9951
Cheviot Fire Dept.Cheviot 661-2700
Chickasaw Community Mutual Fire CompanyChickasaw
Chillicothe Fire Dept.Chillicothe 773-2212
Chippewa Twp Fire DeptDoylestown 658-2300
Christiansburg Fire DeptChristiansburg 857-9027
Cincinatti/ N.ern KY Intl Airport Fire Dept.
Cincinnati Fire DivisionCincinnati 352-6242
Circleville Fire Dept.Circleville 477-8252
City of Ashland, Division of FireAshland419-289-6511
City of Blue Ash Fire DeptBlue Ash 745-8535
City of Brooklyn Fire Dept.Brooklyn(216) 749-1212
City of Bryan Fire Dept.Bryan 636-4232
City of Dayton Fire Dept.Dayton 333-4500
City of Eaton Fire DivisionEaton-456-5361
City of Franklin Division of FireFranklin 746-4542
City of Galion Fire Dept.Galion 468-6736
City of Grandview Heights, Division of FireGrandview
City of Green Fire Dept.Green-896-6610
City Of Hamilton OhioHamilton 868-5909
City of Huron Fire DivisionHuron419-433-3544
CITY OF IRONTON, FIRE DEPT.IRONTON-532-6463
N. Lawrence Vol Fire Dept., Inc.N. Lawrence 832-
N. Ridgeville Fire Dept.N. Ridgeville 327-5311
N. Royalton Fire DeptN. Royalton 237-4315
N. Star Fire Dept.N. Star 336-5108
N.east Champaign Cty. Fire DistrictN. Lewisburg 747-
N.ern Hardin Cty. Fire Dept.Dunkirk419-759-3026
N.ern Union Cty. Joint Fire & EMS DistrictRichwood
N.field Center Fire Dept.N.field Center 467-7646
N.field Village Fire DeptN.field 467-7139
N.west Fire DeptNew Paris 437-8354
N.wood Fire Dept.N.wood 690-1647
Norton Fire DivisionNorton 825-3086
Norwalk Fire Dept. Norwalk 663-6790
Norwich TWP Fire Dept.Hilliard(614) 876-7694
Norwood Fire Dept.Norwood 458-4550
Oberlin Fire Dept.Oberlin 774-3211
Ohio City Fire Dept.Ohio City419-965-2299
Old Fort VFDOld Fort 992-4518
Old Washington Vol Fire Dept.Old Washington 489-
Olive Twp VFDReedsville 378-6450
Olmsted Twp Fire DeptOlmsted TWP 235-3746
Orange TWP Fire Dept.Delaware 548-6346
Orange Village Fire Dept.Orange Village 498-2
Orangeville Vol Fire Dept.Orangeville 772-3855
Oregon Fire Dept.Oregon 698-7020
Orrville Fire Dept.Orrville 684-5050
Osgood Community Vol.Fire Dept.Osgood 582-2216
Osnaburg TWP Fire Dept, Governmental EEast Canton-
Ottawa Hills Fire Dept.Toledo 531-4849
Ottawa Vol Fire Dept.Ottawa419-523-5020
Ottoville VFDottoville 453-3353
owensville fire & rescueowensville 732-5352
Painesville City Fire Dept.Painesville-639-4879
Painesville Twp Fire DeptPainesville 352-7443
Paint TWP Fire Dept.Mt. Eaton 359-5699
Paint TWP Vol Fire Dept.Winesburg-359-5003
Palmyra TWP Fire Dept.Daimond 654-4098
Paramount's Kings IslandKings Island 754-5743
Parkman TWP Vol Fire Deptparkman 548-2515
Parma Heights Fire Dept.Parma Heights 885-1717
Payne VFDPayne 263-2823
Pebble TWP Vol Fire Dept.Waverly 947-7000
PEEBLES FIRE DEPTPEEBLES 587-3811

Collective Intelligence in Emergency Management 117

City Of Kirtland Fire Dept.Kirtland-256-8979
City of Mentor-on-the-Lake Fire Dept.Mentor-on-the-
City Of Miamisburg Fire DeptMiamisburg 847-6691
City of Monroe, Division of FireMonroe-539-8380
City of New Brunswick/Division of FireBrunswick 225-2780
City of New Philadelphia Fire Dept.New Philadelphia 343-
City of N. Olmsted Fire Dept.N. Olmsted-777-1214
City of Oakwood Public Safety DeptDayton-298-2122
City of Olmsted Falls, Division of FireOlmsted Falls 235-
City of OxfordOxford 524-4731
City of Reading Fire Dept.Reading-733-5537
City of Riverside Fire Dept.Riverside-258-6460
City of Springfield Fire Rescue DivisionSpringfield 324-7605
City of St. Marys Fire Dept.St Marys419-394-2361
City Of Steubenville Fire DeptSteubenville 283-6063
City of Stow Fire Dept.Stow 688-7130
City of Struthers Fire Dept.Struthers-755-2122
City of Trenton Division of FireTrenton 988-0004
City of Waverly,Ohio Fire Dept.Waverly-947-2826
City of Westlake Fire DeptWestlake 871-3441
City of Whitehall Fire DivisionWhitehall(614) 237-5478
City of Worthington Division of Fire and EMS
City of Xenia Fire DivisionXenia-376-7280
City of Youngstown Fire Dept.Younstown-747-3
City Parma Fire Dept.Parma 885-1217
Clarksville VFDClarksville 289-2192
Clayton Fire Dept.Englewood-856-3500
CLEARCREEK FIRE DISTRICTSPRINGBORO 748-2766
Clearcreek TWP Fire Dept.Stoutsville 474-6438
Cleveland Fire Dept.Cleveland216-664-6800
Cleveland Heights Fire Dept.Cleveland Heights(216) 291-
Cleveland Hopkins International Airport Fire-Rescue Dept.
Cleves Fire Dept.Cleves 941-1111
Clinton Fire DeptClinton 882-4828
Clinton Highland Joint Fire DistrictNew Vienna-987-2713
Clinton South joint Fire DistrictMidland 783-2775
Clinton TWP Fire Dept.Shreve 567-3411
Clinton TWP Fire Dept.Columbus(614) 475-0022
Clinton Twp VFDTiffin 448-4447
Clyde Fire Dept.Clyde419-547-8357
Coal Grove Fire Dept.Coal Grove 532-0778
Coalton Vol Fire Dept.Coalton 286-5748
Coitsville Fire Dept.Lowellville000-000-0000
Pemberville-Freedom Fire DeptPemberville 287-4593
Pepper Pike Fire DeptPepper Pike(216) 831-8500
Perkins TWP Fire Dept.Sandusky 626-1334
Perry Joint Fire DistrictPerry 259-2880
Perry TWP Fire DeptMassillon 833-3865
Perry TWP VFDIronton 533-4131
Perry TWP Vol Fire Dept. & EMSScio-627-9153
Perry Twp FDLima 221-2345
Perry TWP Fire Dept.Zanesville 452-3293
Perry Twp VFDSalem 332-4676
Perry-Congress Fire District, Johnsville Fire Dept.Shauck
Perrysburg Fire DivisionPerrysburg 872-8025
Perrysburg Twp Fire DeptPerrysburg 872-8879
Phillipsburg Fire Dept.Phillipsburg 884-7620
Pic-A-Way Fire DistrictNEW HOLLAND-495-5643
Pierce TWP Fire Dept.Cincinnati 752-6273
Pike TWP Fire & Emergency Dept.N. Hampton-964-
Piketon Seal Twp Fire DeptPiketon 289-2531
Pioneer Fire DeptPioneer 737-2614
PIQUA FIRE DEPT.Piqua 778-2012
Pitt TWP Vol Fire Dept.Harpster 496-2735
Pittsburg Fire DeptPittsburg 692-5536
Plain TWP Fire and RescueCanton 492-4089
Plain TWP Fire Dept.New Albany614-855-7370
Pleasant City VFDPleasant City 685-3900
Pleasant Hill Vol Fire Dept.Steubenville 282-9601
Pleasant Hill-Newton TWP Joint Fire Dept.Pleasant Hill
Pleasant TWP Fire Dept.Pleasantville 468-3385
Pleasant TWP Fire Dept.Grove City(614) 877-4375
Pleasant TWP Fire Dept.Catawba 828-1347
Pleasant TWP Vol Fire Dept.Marion 389-6029
Pleasant Valley Joint Fire DistrictPlain City(614) 873-
Plymouth TWP Fire Dept.Ashtabula-993-4350
Plymouth VFDPlymouth 687-5101
Polk-Jackson-PerryPolk 945-2681
POMEROY VOL FIRE DEPT.POMEROY 992-2663
Port Clinton Fire Dept.Port Clinton 734-3430
Port Columbus Aircraft Rescue Firefighting
Port Jefferson Community Fire CompanyPort Jefferson
Port William Fire Dept.Port William-486-5300
Portage Fire DistrictOak Harbor 898-3109
Porter TWP Fire Dept.Wheelersburg-574-6030
Porter-Kingston Fire DistrictSunbury 524-5050

Collective Intelligence in Emergency Management 118

Coldwater Fire Dept.Coldwater419-678-2007
Colerain TWP Dept of Fire & EMSCinti 825-6143
Colerain TWP Vol Fire Dept.Hallsville 655-3473
Colerain Vol Fire CompanyColerain-635-1414
Columbia TWP Fire Dept.Columbia Station-236-8812
Columbia Twp Vol Fire Dept.Albany 698-2903
COLUMBIANA FIRE DEPT.COLUMBIANA 482-2173
COLUMBUS DIVISION OF FIRECOLUMBUS(614) 221-
Columbus Grove Vol Fire Dept.Columbus Grove 659-2999
Concord- Greene Vol Fire Dept.Washington Court House
Concord TWP Fire Dept.Frankfort-998-2911
Concord TWP Fire Dept.Concord 354-7504
Concord TWP Fire Dept.Delaware 881-5997
Conneaut Fire Dept.Conneaut 593-7460
Coolville, Ohio Vol Fire Depart. Inc.Coolville-667-3343
Copley Fire Dept.Copley 666-6464
Coming Vol Fire Dept.Coming-347-4511
Coshocton Fire Dept.Coshocton 622-2555
Coventry TWP Fire Dept.Akron 644-3228
Covington Fire Dept.Covington-473-2101
Crane TWP Cecil Fire Dept.Cecil419-399-2752
CRESTLINE FIRE DEPT.CRESTLINE 683-3823
Creston Fire Dept.Creston 435-4222
Cridersville Fire DeptCridersville 645-4000
Crooksville Fire Dept.Crooksville 982-6801
Crosby TWP Fire Dept.Harrison 738-1831
Cumberland Trail Fire DistrictSt Clairsville 695-5147
Cumberland Vol Fire Dept.Cumberland-638-2601
Cuyahoga Falls Fire Dept.Cuyahoga Falls 971-8400
Cuyahoga Heights Fire Dept.Cuyahoga Heights(216) 641-
Dallas TWP Vol Fire Dept.Marion 985-3747
Dalton Vol Fire Dept.Dalton-828-8236
Damascus Twp Vol Fire Dept.McClure 748-8777
Damascus VFDDamascus 332-0547
Danville Vol Fire Dept.Danville 599-7381
Decatur Vol. Fire Dept.Pedro 643-2125
Deer Park-Silverton Joint Fire DistrictSilverton 791-2500
Deerfield Fire Dept.Deerfield 584-2515
Deerfield TWP Vol Fire Dept.Clarksburg-993-4511
Deerfield Twp Fire Rescue DeptMason 459-0875
Deersville Comm VFDDeersville 922-2126
Defiance Fire and RescueDefiance 782-2771
DeGraff Fire Dept.DeGraff-585-6632
Portsmouth Fire Dept.Portsmouth 354-1200
Pottery Addition Vol Fire Dept.Steubenville 283-2106
Powhatan Point Vol Fire Dept.Powhatan Point 795-4750
Prairie TWP Fire Dept.Columbus(614) 878-7100
Prairie TWP Fire Dept.Holmesville 279-2552
Proctorville Community Vol Fire and Rescue, Inc.
Providence TWP Fire & RescueNeapolis 875-6592
Put-in-Bay Vol Fire Dept.Put-in-Bay419-285-7805
Quaker City VFDQuaker City 679-2211
Quincy-Miami Twp Fire DeptQuincy 585-3461
Racine Vol Fire Dept.Racine-949-2520
Radnor TWP Vol Fire Dept.Radnor-595-3464
Randolph TWP Vol Fire Dept.Randolph 325-1904
Range TWP Vol Fire Dept.Sedalia-874-3311
Rarden VFDRarden 372-7245
Ravenna Fire Dept.Ravenna 297-5738
Ravenna TWP Fire Dept.Ravenna 297-2192
Rayland Vol Fire Dept.Rayland-859-2424
Reily TWP Fire DeptOxford 757-4023
Reminderville Fire DeptReminderville 562-2862
Reno VFDReno 373-9800
Richfield Fire DeptRichfield 659-9400
Richfield TWP Fire Dept.Berkey 829-2055
Richland Area Fire Dept.Athens 593-6077
Richland TWP Glenmont Vol Fire Dept.Glenmont 377-
Richland TWP Vol Fire Dept.Belle Center-464-5233
Richmond Heights Fire Dept.Richmond Heights(216)
Richmond Vol Fire and Rescue Company, Inc.Richmond
Ridgeville Twp. Vol Fire Dept.Ridgeville Corners 267-
Ridgeway Fire Dept.Ridgeway 363-2345
Rio Grande Vol Fire Dept.Rio Grande 245-5012
Ripley Fire Dept.Ripley-392-4737
Rising Sun Vol Fire Dept.Rising Sun 457-4435
Rittman Fire and RescueRittman 925-8040
Robertsville VFDRobertsville 862-2131
Rochester Vol Fire Dept.Rochester-647-3343
Rock Hill Vol Fire Dept. & EMSBellaire 676-1326
Rockford Community Fire Co IncRockford 363-3611
Rocky Ridge Vol Fire Dept.Rocky Ridge 898-9541
Rocky River Fire Dept.Rocky River 331-1212
Rome Fire Dept.Rome 563-3990
ROME TWP VOL FIRE DEPT.STEWART 662-2224
Rome Vol Fire Dept., Inc.Proctorville 886-6770

Collective Intelligence in Emergency Management 119

Delaware City, Division of Fire Delaware-369-4418
Delaware TWP Vol Fire Dept. Mt. Blanchard 419-694-2635
Delaware TWP Fire Dept. Defiance 899-2816
Delaware Valley Joint Fire District Port Washington 498-5371
Delhi TWP Fire Dept. Cincinnati-922-2011
Dellroy Community Fire Dept. Dellroy 735-2058
Delphos Fire & Rescue Delphos 695-2911
Delta Community Fire Dept. Delta 822-4626
Deshler-Westhope Fire Dept. Deshler 278-3771
Devola Vol Fire Company Marietta-374-7369
Dillonvale Vol Fire Dept., Inc. Dillionvale-769-7713
Dorset Vol Fire Dept. Dorset-858-2480
Dover Fire Dept. Dover 343-5552
Dresden Vol Fire Dept. Dresden 754-1332
Dunham TWP Vol Fire Dept., Inc. Belpre 401-0430
East Cleveland Fire Dept. East Cleveland 216-681-2408
East Holmes Fire & EMS Berlin 893-2117
EAST LIVERPOOL FIRE DEPT. EAST LIVERPOOL 385-
East Palestine Fire Dept. East Palestine-426-4341
East Sparta Vol Fire Dept., Inc. East Sparta 866-9523
East Springfield VFD East Springfield 543-3563
Eastlake Fire Dept. Eastlake 951-2287
Eaton TWP Fire and Rescue Grafton 748-2496
Edinburg Twp. Fire Dept. Rootstown 325-1224
Edison Vol. Fire Dept. Edison 946-3586
Elida Community Fire Co., Inc. Elida 419-339-3921
Elizabeth TWP Vol Fire Dept. Pedro 532-5075
Elm Grove VFD Piqueton 493-1400
Elm Valley Joint Fire District Ashley 747-2510
Elmwood Place Fire Dept. Elmwood Place 242-0754
Elyria Fire Dept. Elyria 322-1024
Elyria Twp Fire Dept. Elyria 324-2973
Empire VFD Empire 537-9310
Englewood Fire Dept. Englewood 836-2399
Erie TWP Vol Fire Dept. LaCarne 419-635-2820
Euclid Fire Dept. Euclid (216) 289-8401
Ewendale Fire Dept. Ewendale-563-2248
Fairborn Fire Dept. Fairborn 754-3080
Fairfax/Madison Place Joint Fire Rescue Cincinnati-271-3636
Fairfield Fire Dept. Fairfield 867-5379
Fairfield TWP Fire Dept. Hamilton 887-2
Fairfield TWP Vol Fire Dept. Somerdale 859-2311
Fairfield Vol Fire Dept. N. Fairfield 419-744-2700
Rootstown Fire Dept. Rootstown 325-7233
Rosemount Fire Dept. Portsmouth 353-8510
Roseville Vol Fire Dept. Roseville 697-7762
Ross TWP Fire Dept. Ross-863-3410
Rossburg Fire Dept. Rossburg 338-6154
Rossford Fire & Rescue Dept. Rossford 666-0210
Rubyville Vol Fire Dept. Lucasville-456-4419
Ruggles Troy VFD Nova 652-2250
Rush TWP Vol Fire Dept. MCDERMOTT-259-4646
Rushcreek Twp. Fire Dept. Rushsylvania 468-2
Russell Fire Dept. Novelty 338-6161
Russia Community Fire Co. Russia 526-5226
Rutland Fire Dept. Rutland 742-3415
Salem Fire Dept. Salem 337-6183
Salem TWP VFD Langsville 742-2039
Salem Twp VFD Lower Salem 585-2310
Salineville VFD Salineville 679-2321
Saltcreek-Tarlton Fire Dept. Tarlton 474-2828
Sandusky Fire Dept. Sandusky 627-5822
Sandusky TWP Fire Dept. Fremont 355-8188
Sardinia Fire Dept. Sardinia 446-3152
Sardis Vol Fire Dept., Inc. Sardis-483-1300
Savannah Vol Fire Company Savannah 962-4630
Saybrook TWP Fire Dept. Ashtabula 969-1179
Scio VFD Scio 945-0180
Sciota Twp Vol Fire & Rescue, Inc. Jackson 988-4135
Scioto TWP Fire Dept. Ostrander 666-2121
Scioto TWP Fire Dept. Commercial Point (614) 877-9124
Scioto Valley Fire District La Rue-499-2545
Scipio TWP Vol Fire Dept. Pomeroy 742-2110
Scipio-Republic Fire Dept. REPUBLIC 585-6600
Scott TWP Fire Dept. Seaman 386-2929
Scott VFD Scott 622-5261
SEBRING FIRE DEPT. SEBRING 938-9340
Senecaville Vol Fire Dept. Senecaville 685-6232
Seven Hills Fire Dept. Seven Hills (216) 524-3321
Seven Mile VFD-Life Squad Seven Mile 726-4261
Seville-Guilford Twp. Fire Dept. Seville 769-3451
Shadyside Fire Dept. Shadyside 676-1910
Shaker Heights Fire Dept. Shaker Heights 216-491-1200
Sharon TWP Fire Dept. Sharon Center 239-4992
Sharonville Fire Dept. Sharonville 563-0252
Shawnee TWP Fire Dept. Lima 224-2636

Collective Intelligence in Emergency Management 120

Fairlawn Fire Dept.Fairlawn 668-9540
Fairport Harbor Fire Dept.Fairport Harbor 352-3620
Fairview Park Fire Dept.Fairview Park 333-1214
Fairview Vol Fire Dept., IncFairview 758-5665
Falls TWP Fire DepartmentZanesville 453-1942
Farmer Twp Fire DeptFarmer 658-2444
Farmersville Fire DeptFarmersville 696-2863
Farmington TWP Vol Fire Dept.W. Farmington 889-3024
Fayette II Vol Fire Dept. Station 700South Point-894-4656
Fayetteville Fire Dept., Inc.Fayetteville-875-2202
FCV VFDConesville 829-2385
FELICITY-FRANKLIN FIRE DEPT.FELICITY 876-2200
Findlay Fire Dept.Findlay 424-7129
First Consolidated Fire DistrictCaledonia 845-3332
Fletcher Vol Fire Dept.Fletcher 368-2218
Florence TWP Fire Dept.Birmingham 965-5100
Florence Twp Fire DeptEdon 272-2100
Florida Flatrock Fire Dept.Napoleon 762-5334
Flushing Fire Dept.Flushing 968-4700
Forest Fire Dept.Forest419-273-2520
Forest Park Fire Dept.Forest Park 595-5243
Fort Loramie Community Fire Co, Inc.Fort Loramie 295-
Fort Morrow Consolidated Fire DistrictWaldo 726-2830
Fostoria Fire Dept.Fostoria 435-3206
Fowler Vol Fire Dept.Fowler 638-6224
Fox TWP Vol Fire Dept.Mechanicstown000-000-0000
Franklin TWP Fire Dept.Shelby 525-2990
FRANKLIN TWP FIRE DEPT.FRANKLIN 746-9811
Franklin TWP Fire Dept.Columbus(614) 279-0089
Franklin TWP Vol Fire Dept.Summitville 223-2001
Frazesburg Vol Fire Dept., Inc.Frazesburg-828-2300
Fredericksburg VFDFredericksburg 695-9919
Fredericktown Community Fire DistrictFredericktown 694-
Freeport Community Vol Fire Dept.Freeport 658-3333
Fremont Fire Dept.Fremont 332-4131
Gallipolis Fire Dept.Gallipolis 446-9533
Garfield Heights Fire DeptGarfield Heights(216) 475-4053
Garrettsville-Freedom-Nelson Joint Fire DistrictGarrettsville-
Gasper Fire/ RescueEaton 472-0100
Gates Mills Fire Dept.Gates Mills 423-0635
Geneva Fire Dept.Geneva 466-3321
Geneva-on-the-Lake Fire DeptGeneva-on-the-Lake 466-8765
Genoa TWP Fire Dept.Galena 965-4216
Shawnee Vol Fire Dept.Shawnee 394-2900
Sheffield Lake Fire Dept.Sheffield Lake 949-8184
Sheffield TWP Fire Dept.Lorain 277-4380
Sheffield Village Fire Dept. [Fire Station 1]Sheffield
Shelby Cty. Fire Dept.Sidney-492-5635
Shelby Fire Dept.Shelby 342-3166
Sherrodsville Vol Fire Dept.Sherrodsville-735-2141
Sidney Fire &Emergency ServicesSidney 498-2346
Silver Creek Twp Fire DeptJamestown 675-4841
Smith TWP Vol Fire CompanyBelmont 686-2150
Smithfield VFDSmithfield 733-8126
Smithville Fire Dept.Smithville-669-2091
Solon Fire Dept.Solon 349-6333
Somerset-Reading Vol Fire Dept.Somerset-743-1655
Somerton Vol Fire Dept.Somerton 757-2565
Somerville VFDSomerville 726-5544
South Amherst Fire Dept.South Amherst-986-5901
South Euclid Fire DeptSouth Euclid(216) 381-1214
South Point Vol Fire Dept.South Point 377-4443
South Richard Fire Dept.Defiance419-782-3811
South Zanesville Fire Dept.South Zanesville 453-1171
Southeast Hardin N.west Union Joint Fire DistrictMount
Southern Ohio Correctional FacilityLacasville 259-5544
Southington Vol Fire Dept.Southington-898-6242
Southwest Mercer Fire Dist.Fort Recovery 375-2726
SPENCER COMMUNITY FIRE DISTRICTSPENCER
Spencer Fire Dept.Holland 865-2101
Spencerville Vol Fire Dept.Spencerville419-647-6144
Spirit of 76 Fire/ EMS Dept., Inc.Bellaire 676-1551
Spring Valley TWP Fire Dept.Spring Valley 862-5011
Springdale Fire Dept.Springdale 346-5580
Springfield TWPOntario419-529-5512
Springfield TWPCincinnati 521-7578
Springfield TWP Fire Dept.springfield-324-4571
Springfield TWP Fire Dept.New Springfield 542-2377
Springfield TWP Fire Dept.Holland 865-4136
Springfield TWP Fire Dept.Bidwell 446-3126
Springfield TWP Fire Dept. #2Springfield-322-1142
Springfield TWP Fire Dept. #3 RockwaySpringfield-322-
Springfield Twp Fire DeptAkron 784-7210
Springfield Twp Fire Rescue AssociationChillicothe-775-
Springfield Twp Stryker Fire DeptStryker 682-2402
SRWW Joint Fire District 2Sabina 584-4132

Collective Intelligence in Emergency Management 121

Georgetown Vol Fire Dept.Georgetown 378-4414
German TWP Fire Dept.Springfield-964-8994
Germantown Fire DeptGermantown 855-6567
Gettysburg Rural Fire Dept., Inc.Gettysburg 447-2121
Gibsonburg Vol Fire Dept.Gibsonburg 637-2160
Girard Fire DeptGirard 545-0318
Glandorf Vol Fire Dept.Glandorf 538-6953
Glencoe Vol Fire Dept.Glencoe 671-9800
Glendale Fire DeptGlendale 771-7864
Glenmoor Vol Fire Dept.East Liverpool 386-5109
Glouster Fire Dept.Glouster 767-2824
GM Powertrain Fire BrigadeDefiance 784-7460
Gnadenhutten Fire Dept.Gnadenhutten 254-4985
Golf Manor Fire Dept.Cincinnati-531-2022
Gorham Fayette Fire Dept.Fayette 237-2716
Goshen TWP Fire and EMSGoshen 722-3473
Grafton TWP Fire Dept.Grafton 926-2166
Grafton Village Fire Dept.Grafton 926-2075
Grand Rapids TWP Fire DeptGrand Rapids 832-5461
Grand River Vol Fire Dept.Grand River 352-9133
Granger TWP Fire & Rescue Dept.Medina 239-2111
Granville Vol Fire Dept. IncorporatedGranville 587-0261
Gratis Fire Dept.Gratias-787-4592
Graysville Community VFDGraysville 934-2510
Green Camp TWP Vol Fire Dept.Green Camp-528-2489
Green Spring Rural Vol Fire Dept.Green Springs419-639-
Green TWP Fire Dept.Stout-549-2243
Green TWP Vol Fire Dept.Franklin Furnace-354-9200
Green TWP Fire & EMSCincinnati 574-0474
Green TWP Vol Fire Dept.Greenford 533-4841
Greene Vol Fire & RescueN. Bloomfield 583-3645
Greenfield Fire Dept.greenfield 981-4010
Greenfield TWP Fire Dept.Carroll 756-4644
Greenfield TWP Vol Fire Dept.Patriot 379-2322
Greenhills Fire Dept.Greenhills 589-3583
Greentown Vol Fire Dept.Uniontown 494-3002
Greenville Fire Dept.Greenville 548-3040
Groton TWP Fire Dept.Castalia 483-7840
Grover Hill Vol Fire Dept.Grover Hill 587-3328
Gustavus TWP Vol FirefightersFarmdale 876-1500
Hamden Fire Dept.Chardon 285-3329
Hamden Vol Fire DepartmentHamden 384-5359
Hamersville Fire DeptHamersville 379-1822
St Clair TWP Fire & RescueHamilton 867-0066
St Henry VFDSt Henry 678-2031
ST Marys TWP Fire Dept.St Marys 394-2834
St. Bernard Fire Dept.St Bernard-242-9555
St. Johns Vol Fire & Rescue Dept., Inc.St Johns 738-
Starr Twp VFDUnion Furnace 385-4902
STERLING FIRE DISTRICTSTERLING 939-2121
Stockdale Vol. Fire Dept.Stockdale 820-2512
Stockport Vol Fire Dept.Stockport 559-2311
Stone Creek Fire & RescueStone Creek 243-1072
Stratton VFDStratton 537-4127
Streetsboro Fire DeptStreetsboro 636-4664
Strongsville Fire and Emergency ServicesStrongsville
SuffieldMogadore 628-9240
Sugarcreek Fire DeptSugarcreek 852-4316
Sugarcreek Twp Fire DeptDayton 848-7344
Sullivan Vol Fire Dept.Sullivan 736-2255
Summerfield Vol Fire Dept., Inc.Summerfield-838-6600
Sunset Heights Vol Fire Dept.Bridgeport 635-0093
Sycamore TWP EMS & Fire Dept.Cincinnati 792-8565
Sycamore Vol Fire and RescueSycamore 927-2900
Sylvania TWP Fire Dept.Sylvania 882-7676
Syracuse Vol Fire Dept.Syracuse 992-7524
Tallmadge Fire Dept.Tallmadge 633-0970
Tappan Lake Vol Fire Dept., Inc.Scio 269-9204
Terrace Park Fire DeptTerrace Park 831-2196
Thompson Fire DeptThompson 298-1405
Thornville-Thorn Twp Fire DeptThornville 246-6735
Three Rivers Fire DistrictCoshocton 622-9361
Tiffin Fire/Rescue DivisionTiffin 448-5448
Tiffin TWP Vol Fire Dept.Evansport 428-3011
Tiltonsville VFDTiltonsville 859-2664
Tipp City Fire DeptTipp City 667-3112
Tiro-Auburn V.F.D.tiro 347-8699
Toledo Fire DeptToledo 245-1125
Toronto Fire Dept.Toronto 537-1021
Town & Country Fire districtwest Salem 853-4022
Townsend TWP Vol Fire Dept., Inc.Vickery 547-9747
Townsend Twp Fire DeptCollins 668-2495
Tri-Community Joint Fire DistrictGreenwich 752-3333
Tri-Cty. Joint Fire DistrictMount Sterling 869-2643
Tri-TWP Fire Dept.Delaware 369-2703
Tri-Valley Fire DistrictZanesfield 599-3473

Collective Intelligence in Emergency Management 122

Hamilton TWP Fire Dept.Columbus(614) 491-1700
Hamilton TWP Vol Fire Dept.Ironton-532-3055
Hamilton Twp Fire RescueMaineville 683-1622
Hamilton TWP Vol Fire Dept. & RescueOak Hill 286-2772
Hamler Vol Fire Dept.Hamler 274-3671
Hanover TWP Fire Dept.Hamilton-863-6652
Hanover TWP Vol Fire Association, INC.Hanoverton 222-
Hanover Vol Fire Dept.Newark 763-4674
Harlan TWP Fire and RescuePleasant Plain-877-2727
Harlem TWP Division of FireGalena 965-2661
Harmony Twp Fire DeptSouth Vienna 568-0135
Harpersfield VFDGeneva 466-1064
Harris-Elmore Vol Fire Dept.Elmore419-862-3332
Harrison Fire Dept.Harrison 367-4194
Harrison TWP Fire Dept.Ashville 983-4115
Harrison TWP Fire Dept.Crown City-256-1548
Harrison TWP Vol Fire Dept.Philo-674-7325
Harrison Twp Fire DeptDayton 454-4832
Harrison Twp Fire DeptChillicothe 775-2046
Harrison Twp Fire DeptLondonderry 887-2727
Harrisville Vol Fire CompanyHarrisville-546-3242
Harrod VFDHarrod 648-4282
Hartford TWP Vol Fire Dept.Hartford-772-2211
Hartford VFD, Inc.Croton 893-3291
Hartsgrove VolRome 474-0415
Hartville Fire Dept.Hartville 877-2478
Heath Fire Dept.Heath 522-4585
Hebron Fire Dept.Hebron 928-4721
Helena Community VFDHelena 638-2011
Hicksville Vol Fire Dept.Hicksville 542-1348
Higginsport Vol Fire Dept.Higginsport-375-4141
Highland Co. N. Joint Fire & Ambulance DistrLeesburg-780-
Highland Heights Fire DeptHighland Heights 442-6
Highland Hills Fire Dept.Highland Hills216-591-1021
Highland Twp Fire DeptDefiance 395-2206
HIGHLANDTOWN VOL FIRE DEPT. INC.SALINEVILLE
Hilldale Vol Fire Dept.Mingo Junction 283-1141
Hillsboro Fire & RescueHillsboro(397) 393-2902
Hinckley Fire Dept.Hinckley-278-5291
Hiram Fire Dept.Hiram 569-9826
Holgate Vol Fire Dept.Holgate419-264-1412
Holland Fire Dept.Holland 865-7104
Hollansburg Vol Fire Dept.Hollansburg 997-4881
Trotwood Fire Dept.Trotwood 837-2416
Troy Fire Dept.Troy 335-5678
Troy TWP Vol Fire Dept.Luckey 833-5422
Troy TWP Vol Fire Dept.Burton-834-1810
Troy Twp FireLexington 884-3118
Trumbull TWP Fire RescueGeneva 474-0090
Truro TWP Fire Dept.Reynoldsburg(614) 866-7391
Tuppers Plains Fire Dept., Inc.Tuppers Plains-667-6324
Turtlecreek TWP FireLebanon 932-4902
Tuscarawas Warwick Vol Fire Dept.Tuscarawas 922-
Twin Twp VFDBourneville 626-2686
Twinsburg Fire DeptTwinsburg 963-6256
UHRICHSVILLE FIRE DEPT.UHRICHSVILLE-922-
Union City Fire Dept.Union City 968-5605
UNION FIRE DEPT.UNION-836-2399
Union TWP - Rawson Fire Dept.Rawson 963-4301
Union TWP Fire Dept.Cincinnati 528-4446
Union TWP Fire Dept. #1Chillicothe 775-8004
Union TWP/South Lebanon Fire Dept.South Lebanon-
Union TWP-Mt. Cory Vol Fire Dept.Mt Cory 477-5260
Union TWP Fire Dept.Milford Center 349-4455
Union TWP Vol Fire Dept.McDermott 259-3043
Unionport Vol Fire & Rescue Inc.Unionport-944-1587
Uniontown Fire Dept.Uniontown 699-3239
Uniopolis Vol Fire Dept.Uniopolis 738-8350
University Heights Fire DeptUniversity Heights(216) 3
Upper Arlington Fire DivisionUpper Arlington(614) 583-
Upper Sandusky Fire Dept.Upper Sandusky 294-3322
Upper TWP Vol Fire Dept.Ironton 532-4800
Urbana Fire Dept.Urbana 652-4371
Utica VFDUtica 892-2222
Valley City -Liverpool TWP Fire Dept.Valley City 483-
Valley Fire DistrictPeninsula 657-2292
Valley TWP Vol Fire Dept.Lucasville 259-5251
Valley View Fire Dept.Valley View(216) 524-6469
Van Wert Fire Dept.Van Wert 238-4918
Vandalia Fire DivisionVandalia 898-2261
Vanlue Fire Dept., Inc.Vanlue 387-7665
Vermillion Fire DeptVermillion 967-0123
Vernon TWP Vol Fire Dept. Wheelersburg 574-5473
Verona Fire Dept.Verona-884-5616
VERSAILLES FIRE DEPT.VERSAILLES-526-3112
Vienna Fire Dept.VIENNA-394-1218

Collective Intelligence in Emergency Management 123

Holmes Fire District #1 Millersburg 674-1926
Holmes TWP Vol Fire Dept. Bucyrus 563-0000
Homer VFD Homer 892-2505
Hopedale Vol Fire and EMS Dept. Inc. Hopedale -2333
HOPEWELL TWP FIRE DEPT. GLENFORD 659-2262
HOUSTON VFD HOUSTON 295-2487
Howland TWP Fire Dept. Warren 856-5022
Hoytville & Jackson TWP Fire Dept. Hoytville 419-278-2223
Hubbard Vol Fire Dept., Inc. Hubbard 534-1582
Huber Heights Fire Dept. Huber Heights 233-1564
Hudson Fire Dept. Hudson 342-1860
Huntington Twp. Fire Dept. Chillicothe 663-4100
Huntsville VFD Huntsville 686-3482
Huron River Joint Fire District Monroeville 465-2721
Hustead Fire Dept. Springfield 325-9081
Iberia VFC Iberia 468-7555
Independence Fire Dept. Independence 216-524-4001
Irondale Fire & Rescue Dept. Irondale 532-4100
Jackson Center Vol Fire Dept. Jackson Center 596-6140
Jackson Fire Dept. Jackson 286-4131
Jackson TWP Fire & Rescue Williamsburg-625-1333
Jackson TWP Fire Dept. Massillon 834-3950
Jackson Twp Division Of Fire Grove City (614) 875-5588
Jacksonville Fire & Rescue Jacksonville 767-2448
Jefferson TWP Fire Dept. Blacklick (614) 861-3757
Jefferson TWP Fire Dept. Bowersville 453-2571
Jefferson TWP Fire Dept. West Jefferson (614) 879-8265
Jefferson TWP Fire Dept. Dayton 262-3580
Jefferson TWP Fire Dept. Blue Creek-544-5391
Jefferson Twp Bellville Fire Dept. Bellville 886-2111
Jefferson Twp Fire & Rescue Richmond Dale 884-4088
Jefferson TWP Fire Dept. Jefferson 426-6
Jefferson TWP Vol Fire Dept. Lucasville 355-9333
Jefferson Vol Fire Dept. Jefferson-576-4876
Jenera VFD Jenera 326-6621
Jerome TWP Division of Fire Plain City (614) 873-8990
Jeromesville Community Fire District Jeromesville 419-368-
JERRY CITY FIRE DEPT. JERRY CITY 655-2225
Jerusalem TWP Fire Dept. Curtice 836-7302
Jewett Vol Fire Dept. Jewett 946-2211
Johnston TWP Fire Dept. Farmdale 924-2895
JSP Joint Fire District St Paris 663-4758
Junction City Vol Fire Dept. Junction City 987-3001
Village of Sherwood Vol. Fire Dept. Sherwood 419-899-
Village of Boston Heights Fire Dept. Hudson 655-2257
Village of Convoy Fire & EMS Convoy 419-749-2997
Village of Dennison, Ohio Fire Dept. Dennison-922-2067
Village of Edgerton Fire Dept. Edgerton 419-298-2552
Village Of Lakemore Lakemore 733-6125
Village of Oakwood Fire Dept. Oakwood 419-594-3381
Village of Swanton Fire Dept. Swanton 419-825-1455
Vinton Fire Dept. Vinton-388-8307
Violet Twp Fire Dept. Pickerington (614) 837-4123
Vol Firemen of Magnolia, Inc. Magnolia-866-9877
Wadsworth Fire Dept. Wadsworth 335-2849
Wakeman Fire District Wakeman 839-2444
Walhonding Valley Fire District Warsaw-824-3100
Wapakoneta Fire Dept. Wapakoneta 738-2014
Wapanucka Vol Fire Dept. Wapanucka (580) -9955
Ward TWP Vol Fire Dept. Carbon Hill-753-1428
Warren City Fire Dept. Warren 841-2542
Warren TWP Vol Fire Dept. Marietta 373-2424
WARREN TWP FIRE DEPT. LEAVITTSBURG 898-
Warrensville Heights Fire Dept. Warrensville Heights
Washington TWP Vol Fire Dept. Logan-385-7710
Washington Fire Dept. Washington C.H.-636-2362
Washington TWP Fire Dept. Dayton-433-3083
Washington TWP Fire & Rescue Moscow 553-6702
WASHINGTON TWP VOL FIRE DEPT. TIPPECANOE
Washington TWP Vol Fire Dept. Allaince-821-4
Washington TWP Vol Fire Dept. Tontogany 823-8612
Washington TWP Vol Fire Dept., Inc. Zanesville 452-
Washington TWP Mainsfield 756-8
Washington TWP - Dublin Fire Dept. Dublin (614) 889-
Washington TWP Fire Dept. Toledo 726-2453
Washington TWP Vol Fire Dept. Arcadia 894-6754
Washington Twp. Vol. F.D. West Portsmouth 858-5600
Watertown Vol Fire Dept. Watertown 749-0082
Waterville Fire Dept. Waterville 878-0165
Wauseon Fire Dept. Wauseon 419-335-6090
Wayne TWP Williamsfield-293-7648
Wayne TWP Fire & Rescue Newtonsville-625-6212
WAYNE TWP FIRE DEPT. TRENTON 424-9710
Wayne TWP Fire Dept. Waynesville 897-3010
Wayne TWP Vol Fire Dept. Waynesfield 419-568-2061
Wayne TWP Vol Fire Dept. Cherry Fork 695-0361

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Kalida Vol Fire Dept.Kalida 532-3335
Kansas Fire & RescueKansas419-986-5750
Kelleys Island Vol Fire Dept.Kelleys Island419-746-2321
Kent Fire DeptKent 673-8814
Kenton Fire DeptKenton 673-1235
Kettering Fire RescueKettering 296-2489
Kettlersville Van Boren Twp. VFDKettlersville
Kidron VFD, Inc.Kidron 857-2101
Killbuck TWP Fire Dept.Killbuck 276-0441
Kingston-Green TWP Fire Dept.Kingston-642-3676
Kingsville Vol Fire Dept.Kingsville 224-0775
Kinsman Vol Fire Dept.Kinsman 876-3375
Knoxville Vol Fire Dept., Inc.Toronto-544-5833
L-A Fire and Rescue AssociationLowell 896-3110
LaFayette - Jackson TWP Fire Dept.LaFayette 649-3791
Lafayette TWP Fire & RescueChippewa Lake 722-4965
Lafferty Vol Fire Dept.Lafferty 968-3016
LaGrange Fire & RescueLaGrange 355-6868
Lake TWP Fire Dept.Millbury 838-6536
LAKE TWP FIRE DEPT.WALBRIDGE 666-0090
Lakewood Fire DeptLakewood(216) 529-6656
Lancaster Fire Dept.Lancaster 687-6642
Laura Fire COLaura 947-1214
Laurelville VFDLaurelville 332-4691
Lawrence TWP Vol Fire Dept.Kitts Hill 532-5911
Lebanon Fire DivisionLebanon 932-3060
Leesburg Twp Fire DeptMagnetic Springs 348-2877
Leetonia Fire DeptLeetonia 427-2310
Leroy Twp Fire DeptPainesville 254-4124
Lewisburg Fire Dept.Lewisburg 962-4640
Lewisville & Community Vol. Fire Dept.Lewisville 567-3601
Lexington TWP Vol Fire Dept.Alliance-823-7627
LIBERTY COMMUNITY VOL FIRE DEPT.KIMBOLTON
Liberty TWP Fire Dept.Youngstown 759-0363
Liberty TWP Fire Dept.Powell 881-5014
Liberty TWP Fire Dept.Raymond-246-2156
Liberty TWP Vol Fire Dept.Palestine 548-6298
Liberty TWP Fire Dept.Liberty TWP 777-8388
Liberty TWP Fire Dept.Findlay 423-4247
Liberty TWP Fire Dept.Sulphur Springs 562-6477
Liberty TWP Vol Fire Dept.Londonderry-887-4774
Liberty TWP Vol Fire Dept.Jackson 285-4369
Licking TWP Vol EMS & Fire Dept. Inc.Nashport 453-1888
Wayne TWP- Duncan Falls VFDDuncan Falls 674-4444
Wayne TWP Fire Dept.Greenfield 636-0656
Wayne Twp VFDDundee 852-3361
Wayne VFDWayne 288-2819
Waynesburg Fire DeptWaynesburg 866-2644
Weathersfield TWP Fire Dept.Mineral Ridge 652-6326
Wellington Fire DistrictWellington-647-2245
Wellston Fire DeptWellston 384-2128
Wellsville Fire DeptWellsville 532-1338
West Alexandria Fire Dept.West Alexandria 839-4668
West Carrollton Fire Dept.West Carrollton 847-4645
West Chester TWP Fire Dept.West Chester-777-1133
West Elkton Gratis TWP Fire Dept.West Elkton-787-
West Lafayette Vol Fire Dept.West Lafayette 545-6561
West Liberty Fire Dept.West Liberty 465-3989
West Licking Joint Fire DistrictPataskala 927-3046
West Manchester Fire Dept.West Manchester-678-6991
West Point Fire Dept.West Point 424-5606
West Union Vol Fire Dept.West Union 544-3121
Western Holmes Cty. Fire DistrictLakeville 378-2723
Western Reserve Joint Fire DistrictPoland-757-8268
Westerville Division of FireWesterville(614) 901-6600
Westfield Fire & RescueWestfield Center-887-5541
Westminster RFDHarrod 648-6443
Wharton-Richland TWP Fire Dept.Wharton419-458-4525
Whitehouse Fire Dept.Whitehouse419-877-0363
Whitewater TWP Fire Dept.Hooven 353-1518
Wickliffe Fire Dept.Wickliffe 943-7133
Wilkesville Vol Fire Dept.Wilkesville 669-6471
Willard Fire Dept.Willard 935-8297
Williamsburg TWP Emergency ServicesWilliamsburg
Williamsport-Deercreek TWP Vol Fire Dept.
WILLOUGHBY FIRE DEPT.Willoughby 953-4343
Willoughby Hills Fire Dept.Willoughby Hills 918-8711
Willowick Fire Dept.Willowick 585-1202
Willshire Fire Dept.Willshire 495-2182
Wilmington Fire Dept.Wilmington 382-2244
Wilmot Fire & Rescue, Inc.Wilmot 359-5995
Winchester Community Fire District Winchester 695-
Windham Vol Fire Dept.Windham-326-2225
Windsor Fire and RescueWindsor 272-5350
Windsor TWP Vol Fire Dept.Chesapeake 867-5019
Winona Fire Dept., Inc.Winona 222-1234

Licking TWP Vol Fire Dept., Inc.Jacksontown-323-2504
 Lima Fire Dept.Lima 221-5164
 LINCOLN HEIGHTS FIRE DEPT.CINTI 733-0962
 Lisbon Vol Fire Dept.Lisbon 424-9613
 Litchfield Fire & Rescue dept.Litchfield 723-6969
 Little Hocking Vol Fire Dept.Little Hocking 989-2192
 Liverpool TWP Fire Dept.East Liverpool 385-4911
 Lockheed Martin NE&SSA AkronAkron 796-9960
 Lockington VFDPiqua 773-5341
 Lockland Fire DeptLockland 761-2751
 Lodi Fire Dept.Lodi-948-2233
 London Fire DeptLondon 852-4297
 Lorain Fire Dept.Lorain 204-2220
 Lordstown Fire Dept.Lordstown 824-2321
 Loudon Twp VFCCarrollton 739-4611
 Loudonville Fire Dept.Loudonville 994-4000
 Louisville Fire Dept.Louisville 875-2663
 Loveland Symmes Fire Dept.Loveland 583-3001

Wintersville VFD IncWintersville 264-4811
 Wolfhurst VFDLansing 635-3192
 Woodlawn Fire Dept.Cincinnati 771-0233
 Woodmere Fire Dept.Woodmere216-292-4103
 Woodsfield VFDWoodsfield 472-1372
 Woodville Twp VFDWoodville 849-3232
 Wooster Fire DivisionWooster 263-5266
 Wooster TWP Fire Dept.Wooster 264-9786
 Worthington TWP Fire Dept.Butler419-883-2101
 Wren Fire and EMSWren 495-2929
 Wyandot East Fire DistrictNevada 482-2475
 Wyoming Fire DeptWyoming 842-1358
 Xenia Twp Fire DeptXenia 372-7857
 York TWP Vol Fire Dept.Nelsonville 753-3375
 York TWP Vol Fire Dept.New Philadelphia-339-5705
 Yorkville VFDYorkville 859-2585
 Zaleski Vol Fire Dept.Zaleski-596-5300
 Zanesville Fire Dept.Zanesville 455-0700
 Zoar Vol Fire Dept., Inc.Zoar 874-2069

Maine

Acton Fire Dept.Acton-636-3230
 Augusta Fire Dept.Agusta 626-2421
 Albion Vol. Fire Dept.Albion-437-2183
 Alfred Fire Dept.Alfred 324-8969
 Allagash Vol. Fire Dept.Allagash-398-3198
 Andover Fire Dept.Andover 392-1431
 Appleton Fire Dept.Appleton-785-4524
 Aroostook Co Emerg MgmtLimestone-328-4480
 Arrowsic Fire Dept.Arrowsic-443-4609
 Arundel Fire-RescueArundel 985-2572
 Athens Vol. Fire Dept.Athens 654-2323
 AUBURN FIRE Dept.AUBURN 784-5434
 Aurora Vol. Fire Dept.Aurora 584-5200
 Baileyville Fire Dept.Baileyville-427-3442
 Baldwin Fire Dept.Baldwin-625-3581
 Bangor Fire DeptBangor 942-6335
 Bar Harbor Fire Dept.Bar Harbor 288-5554
 Baring Vol. Fire Dept., Inc.Baring Plant-454-8427
 Bath Fire Dept.Bath 443-5034
 Beddington Fire Dept.Beddington-638-2251
 Belfast Fire Dept.Belfast-338-3362
 Belgrade Fire Dept.Belgrade(000) 000-0000

Loring Fire Dept.Limestone-328-4108
 Lovell Vol. Fire CompanyLovell 925-2623
 Lubec Municipal Fire Dept.Lubec 733-4641
 Machias Vol. Fire Dept.Machias 255-4424
 Madawaska Fire Dept.Madawaska 728-7716
 Madison Fire Dept.Madison 696-4146
 Manchester Fire Dept.Manchester-622-5402
 Mapleton-Castle Hill-Chapman Fire Dept.Mapleton 760-8001
 Mariaville Vol. Fire Rescue Dept.Mariaville 537-2010
 Mars Hill Fire Dept.Mars Hill-425-3731
 Mattawamkeag Fire - RescueMattawamkeag 736-2931
 Mechanic Falls Fire Dept.Mechanic Falls 345-9896
 Meddybemps Vol. Fire Dept.Meddybemps 454-3242
 Medway Fire Dept.Medway-746-9531
 Milbridge Fire Dept.Milbridge 546-2345
 Milford Fire DeptMilford 827-6164
 Millinocket Fire Dept.Millinocket-723-7026
 Milo Fire Dept.Milo-943-2303
 Minot Fire Dept.Minot-345-3115
 Monroe Vol. Fire Dept.Monroe 525-4499
 Monson Vol. Fire Dept.Monson 997-3676
 Morrill Vol. Fire Dept.Morrill 342-5910

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Belmont Fire and Rescue Belmont-342-4100
Berwick Fire Dept. Berwick 698-1174
Bethel Fire Dept. Bethel 824-2665
Biddeford Fire Dept. Biddeford 282-6632
Bingham Fire Dept. Bingham 672-3081
Blue Hill Fire Dept. Blue Hill 374-2261
Boothbay Fire Dept. Boothbay 633-6437
Boothbay Harbor Fire Dept. Boothbay Harbor-633-4220
Bowdoin Fire and Rescue Bowdoin-666-3021
Bowdoinham Fire Dept. Bowdoinham 666-5961
Bradford Vol. Fire Dept. Bradford 327-2135
Bradley Vol. Fire Dept. Bradley 827-9273
Bremen Fire Dept. Bremen 529-5326
Brewer Fire Dept. Brewer 989-3000
Bridgewater Fire Dept. Bridgewater 429-9856
Bridgton Fire Dept. Bridgton 647-8814
Bristol Fire & Rescue New Harbor 677-3200
Brooklin Vol. Fire Company, Inc. Brooklin-359-4498
Brooks Vol. Fire Dept. Brooks-722-3254
Brooksville Fire Dept. Brooksville-326-4904
Brownville Fire Dept. Brownville 965-2561
Brunswick Fire Dept. Brunswick 725-5541
Brunswick Naval Air Station Fire Dept. Brunswick 921-2678
Buckfield Fire Dept. Buckfield-336-2463
Bucksport Fire Dept. Bucksport 469-7951
Burnham Fire Dept. Burnham 100-100-1000
Buxton Fire-Rescue Buxton 929-3099
Byron Vol. Fire Dept. Byron 000-000-0000
Calais Fire Dept. Calais 454-7400
Camden Fire Dept. Camden 236-7950
Canton Vol. Fire Dept. Canton 597-2404
Cape Elizabeth Fire Dept. Cape Elizabeth 799-6409
Cape Porpoise Fire Dept. Cape Porpoise 967-4917
Caratunk Vol. Fire Dept. Caratunk 672-4004
Caribou Fire & Ambulance Caribou 493-4204
CARMEL Vol. FIRE Dept. CARMEL 848-5051
Casco Fire Dept. Casco-693-6850
Castine Vol. Fire Dept. Castine-326-8767
Charlotte Vol. Fire Dept. Charlotte 454-8078
Chelsea Fire Dept. Chelsea 582-4802
Cherryfield Vol. Fire Dept. Cherryfield 564-7416
Chesterville Fire Dept. Chesterville 778-9633
China Village Vol. Fire Dept. China 000-000-0000
Mount Desert Fire-Rescue Dept. Northeast Harbor 276-3356
Mount Vernon Fire Dept. Mount Vernon 293-2114
Mt. Chase Fire Dept. Mt. Chase 528-2900
Naples Fire Dept. Naples 693-6850
NCTAMS LAT Detachment Cutler Fire Division Cutler 259-8260
New Gloucester Fire/Rescue New Gloucester 926-4142
New Sharon Fire/Rescue New Sharon-778-2710
Newburgh Vol. Fire Dept. Newburgh 234-4153
Newcastle Fire Dept. Newcastle 563-3888
Newfield Fire Dept. West Newfield 793-8832
Newport Fire Dept. Newport 368-2533
Norridgewock Fire Dept. Norridgewock 634-2208
North Berwick Fire Dept. North Berwick 676-2611
North Haven Fire Dept. North Haven 867-4634
North Yarmouth Fire/Rescue North Yarmouth 829-3025
Northport Vol. Fire Dept. Northport 338-6200
Norway Fire Dept. Norway 743-5300
Oakfield Fire Dept. Oakfield-757-8140
Oakland Fire Dept. Oakland 465-2631
Ogunquit Fire Dept. Ogunquit 646-5112
Old Orchard Beach Fire-Rescue Old Orchard Beach 934-4911
Old Town Fire Dept. Old Town 827-3400
Orland Fire Dept. Orland 469-3079
Orono Fire Dept. Orono 866-4000
Orrington Vol. Fire Dept. Orrington-825-3530
Orr's & Bailey Islands Fire Dept. Orr's Island 000-000-0000
Otisfield Fire Dept. Otisfield-627-7057
Owlshead Fire Dept. Owlshead-596-7167
Oxford Fire Dept. Oxford 539-4509
Palermo Vol. Fire Dept., Inc. Palermo-993-2585
Paris Fire Dept. Paris-743-2501
Passadumkeag Vol. Fire Dept. Passadumkeag 732-4025
Patten Fire Dept. Patten 528-2197
Pembroke VFD Pembroke 000-000-0000
Penobscot Nation Fire Dept. Indian Island-827-2935
Perry Vol. Fire Dept. Perry 000-000-0000
Peru Fire Dept. Peru 562-7551
Phillips Municipal Fire Dept. Phillips 639-3317
Phippsburg Fire Dept. Phippsburg 389-2417
Pittsfield Fire Dept. Pittsfield 487-4439
Pittston Fire Dept. PITTSTON 582-8737
Pleasant Point Fire Dept. Perry-853-2551
Pleasant Ridge Plantation Vol. Fire Dept. Pleasant Ridge Plantation-672-3204

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City of Rockland Fire Dept.Rockland 594-0318
City of Saco Fire Dept.Saco 282-3244
Clifton Fire Dept.Clifton-843-5132
Clinton Fire Dept.Clinton 426-8522
Cooper Vol. Fire Dept.Cooper000-000-0000
Corinth Fire Dept.Corinth-285-3303
Cornish Vol. Fire Dept.Cornish 625-3355
Cornville Vol. Fire Dept.Cornville 474-8995
Cumberland Fire Dept.Cumberland-829-5421
Cundy's Harbor Vol. Fire Dept., Inc.Harpswell-729-0622
Cushing Fire Dept.Cushing 354-2375
Danforth Fire Dept.Danforth 448-2255
Deblois Fire DeptDeblois 638-2561
Dedham-Lucerne Fire Dept.Holden 843-7530
Deer Isle Fire Dept.Deer Isle-348-6618
Denmark Fire Dept.Denmark-452-2300
Dennys River Vol. Fire Dept.Dennysville-726-4006
Detroit Fire and RescueDetroit-257-3107
Dexter Fire Dept.Dexter 924-7301
Dixfield Fire CompanyDixfield-562-7629
Dover-Foxcroft Fire Dept.Dover-Foxcroft 564-2610
Durham Fire & RescueDurham 353-6269
East Dixfield Fire Dept.East Dixfield000-000-0000
Eastbrook Vol. Fire Dept.Eastbrook-565-8907
Easton Fire Dept.Easton 488-6652
Eddington Fire Dept.Eddington 843-5251
Eliot Fire Dept.Eliot 439-1253
Ellsworth Fire Dept.Ellsworth 667-8666
Eustis Fire Dept.Stratton 246-4391
Fairfield Fire RescueFairfield 453-2429
Falmouth Fire- EMS Dept.Falmouth 781-2610
Farmingdale Fire Dept.Farmingdale 582-2225
FARMINGTON FIRE RESCUEFARMINGTON 778-3235
Fayette Fire Dept.Fayette-685-3503
Fort Fairfield Fire Dept.Fort fairfield 472-3809
Fort Kent Fire & RescueFort Kent 834-3575
Franklin Fire Dept.Franklin 565-2929
Freedom Vol. Fire Dept.Freedom 382-6110
Freeport Fire RescueFreeport 865-3421
Friendship Fire Dept.FRIENDSHIP-832-4857
Frye Island Fire Dept.Frye Island 655-8618
Fryeburg Fire Dept.Fryeburg 935-2615
Gardiner Fire Dept.Gardiner 582-4535
Plymouth Fire Dept.Plymouth-257-3010
Portland Fire Dept.Portland 874-8400
Pownal Fire and RescuePownal 688-2211
Presque Isle Fire Dept.Presque Isle 769-0881
Prospect Fire Dept.Prospect-567-3661
Randolph Fire Dept.Randolph 582-5808
Rangeley Fire Dept.Rangeley-864-3800
Raymond Fire and RescueRaymond 655-7851
Readfield Fire Dept.Readfield 685-4401
Richmond Fire Dept.Richmond 737-8821
Robbinston Vol. Fire Dept., Inc.Robbinston-454-3474
Rockport Fire Dept.Rockport 236-4437
Rockwood Vol. Fire/ RescueRockwood-534-7400
Rumford Fire Dept.Rumford 364-2901
Sabattus Fire DeptSabattus 375-4201
Saco Valley Fire AssociationFryeburg-697-2475
Saint Agatha Vol. Fire Dept.Saint Agatha-543-6608
Saint George Fire Dept.Tenants Harbor 372-6363
Salem Fire Dept.Salem-684-3533
Sanford Fire Dept.Sanford 324-9160
Sangerville Fire Dept.Sangerville 876-4181
Scarborough Fire Dept.Scarborough 883-4542
Searsmont Vol. Fire Dept.Searsmont-342-5325
Searsport Fire Dept.Searsport 548-2302
Sebago Fire Dept.Sebago 787-4515
Sebec Vol. Fire Dept.Sebec 564-2090
Seboeis Plantation Vol. Fire Dept.Seboeis PLT-732-5369
Sedgwick Fire DeptSedgwick 359-8997
Sherman Mills Fire Dept.Sherman Mills000-000-0000
Sidney Fire Dept.Sidney 547-3159
Skowhegan Fire Dept.Skowhegan 474-3400
Smithfield Vol. Fire Dept.Smithfield-362-6286
Solon Vol. Fire Dept.Solon 643-2291
South Berwick Fire Dept.South Berwick 384-2731
South Bristol Fire Dept.South Bristol-644-8389
SOUTH HIRAM FIRE Dept.HIRAM 625-4824
South Portland Fire Dept.South Portland 799-3314
South Thomaston Fire Dept.South Thomaston-593-9380
Southwest Harbor Fire Dept.Southwest Harbor 244-7911
Springfield Fire Dept.Springfield 738-4134
ST Albans Vol. Fire Dept.St Albans 938-4475
St Francis Fire Dept.St Francis 398-3175
Standish Fire Emergency Management ServicesStandish 642-4343

Glenburn Fire Dept.Glenburn-942-6118
 Goldsboro Fire Dept.Prospect Harbor 963-5582
 Goodwins Mills Fire Dept., Inc.Lyman 499-2362
 Gorham Fire Dept.Gorham 839-6762
 Grand Isle Fire Dept.Grand Isle 895-3595
 Greenbush Fire Dept.Olamon 826-2202
 Greene Maine Vol. Fire Dept.Greene-946-5192
 Greenwood Fire Dept.Greenwood 875-2888
 Hallowell Fire Dept.Hallowell 623-2860
 Hampden Fire Dept.Hampden-862-4586
 Hancock Vol. Fire AssociationHancock 422-3393
 Harrington Vol. Fire Dept.Harrington 483-4750
 Harrison Fire Dept.Harrison 583-6011
 Haynesville Fire Dept.Haynesville-448-2239
 Hebron Vol. Fire Dept.Hebron-966-0
 Hermon Fire Dept.Hermon 848-5910
 Hodgdon Vol. Fire Dept.Hodgdon 532-6498
 Holden Fire / RescueHolden 843-5151
 Hollis Fire Dept.Hollis 929-6100
 Hope Fire Dept.Hope 763-3411
 Houlton Fire Dept.Houlton 532-1320
 Hudson Vol. Fire Dept.Hudson 327-2125
 Indian Township Fire & RescueIndian Township 796-2274
 Industry Vol. Fire CompanyIndustry-778-5100
 Island Falls Fire Dept.Island Falls 463-2190
 Isle Au Haut Fie Dept.Isle Au Haut-335-2014
 Jackman - Moose River Fire Dept.Jackman 668-4043
 Jackson Vol. Fire Dept.Jackson000-000-0000
 Jay Fire/ Rescue Dept.Jay 897-6766
 Jefferson Fire and RescueJefferson 549-5394
 Jonesboro Vol. Fire Dept.Jonesboro 434-5141
 Kenduskeag Vol. Fire Dept.Kenduskeag-884-8645
 Kennebunk Fire RescueKennebunk 985-2102
 Kennebunkport Fire Dept.Kennebunkport 967-2114
 Kezar Falls Fire Dept.Kezar Falls 625-8625
 Kingfield Fire Dept.Kingfield-265-2783
 Kingman Vol. Fire Dept.Kingman-765-2225
 Kittery Fire DeptKittery 439-2262
 LaGrange Vol. Fire Dept.LaGrange 943-7496
 Lamoine Vol. Fire Dept.Lamoine 667-2242
 LEBANON FIRE Dept.LEBANON 457-3922
 Lee Vol. Fire Dept.Lee 738-3473
 Levant Fire Dept.Levant 884-7574
 Starks Fire/RescueStarks 696-8069
 Stetson Fire/ RescueStetson 296-3900
 Steuben Vol. Fire Dept., Inc.Steuben 546-2134
 Stockholm Fire Dept.Stockholm 896-3001
 Stockton Springs Vol. Fire Dept.Stockton Springs 567-3430
 Stoneham Fire Dept.Stoneham000-000-0000
 Strong Fire Dept.Strong 684-3713
 Sullivan Vol. Fire AssociationSullivan 422-3220
 Sweden Vol. Fire Dept.Sweden 647-2856
 Temple Fire Dept.Temple462-7527
 Thomaston Fire Dept.Thomaston 354-6345
 Thorndike Vol. Fire Dept.Thorndike 568-3737
 Topsham Fire Dept.Topsham 725-7581
 Town of East Machias Fire Dept.East Machias-255-8598
 Town of Shapleigh Fire DeptShapleigh 636-2211
 Town of Swan's Island Fire Dept.Swan's Island-526-4279
 Town of Vanceboro Fire Dept.Vanceboro000-000-0000
 Town of Washington Fire Dept.Washington-845-2245
 Town of Winterport Fire Dept.Winterport 223-4062
 Tremont Vol. Fire Dept.Bass Harbor-244-3586
 Trenton Fire Dept.Trenton 667-7
 Triangle Fire Dept.Burlington 732-3176
 Union Fire DeptUnion 785-4306
 Unity Vol. Fire Dept.Unity 948-5763
 Van Buren Fire Dept.Van Buren 868-2800
 Vassalboro Fire Dept.North Vassalboro 872-2341
 Veazie Fire Dept.Veazie 945-5627
 Vinalhaven VFDVinalhaven 863-4604
 Waldo Vol. Fire Dept.Waldo-342-5122
 Waldoboro Fire Dept.Waldoboro 832-5369
 Wales Fire Dept.Wales 375-4056
 Waltham Vol. Fire Dept.Waltham 584-3473
 Washburn Fire and RescueWashburn 455-8485
 Waterboro Fire & EMSWaterboro-247-5299
 Waterford Fire Dept.Waterford-583-2410
 WATERVILLE FIRE-RESCUEWATERVILLE 680-4735
 Wayne Fire Dept.Wayne 685-4600
 Wellington Vol. Fire Dept.Wellington-683-2606
 Wells Fire Dept.Wells 646-7912
 West Fork Vol. Fire Dept.West Fork 663-2214
 West Gardiner Fire Dept.West Gardiner 724-3256
 West Paris Fire Dept.West Paris 674-2288
 Westbrook Fire & RescueWestbrook 854-0654

Lewiston Fire Dept.Lewiston 784-5713
Liberty Vol. Fire Dept.Liberty 589-4327
Limestone Fire Dept.Limestone 325-4703
Limington Fire & EMSLimington-637-2244
Lincoln Fire Dept.Lincoln 794-8161
Lincolnville Fire Dept.Lincolnville 763-3898
Linneus Fire Dept.Houlton 532-3526
Lisbon Fire Dept.Lisbon-353-3000
Litchfield Fire Dept.Litchfield 268-9307
Littleton Fire Dept.Littleton 538-9540
Livermore Falls Fire Dept.Livermore Falls 897-3424
Livermore Fire Dept.Livermore 897-3
LONG ISLAND FIRE & RESCUELONG ISLAND 766-5538

Westport Vol. Fire Dept.Westport 882-6806
Whitefield Fire Dept.Whitefield202-549-5285
Wilton Fire and RescueWilton-645-2211
Windham Fire- RescueWindham 892-2525
Winslow Fire Dept.Winslow 872-6512
Winter Harbor Fire Dept.Winter Harbor 963-5533
Winthrop Fire Dept.Winthrop-377-7223
Wiscasset Fire Dept.Wiscasset-882-8210
Woodstock Fire Dept.Bryant Pond-665-2345
Woolwich Fire Dept.Woolwich 443-3589
Yarmouth Fire-RescueYarmouth 846-2410
York Beach Fire Dept.York Beach 363-1014
York Fire DeptYork 363-1015

South Dakota

Aberdeen Fire & RescueAberdeen 626-7048
Aberdeen Rural Fire Protection DistrictAberdeen 229-4823
Academy Vol. Fire Dept.Platte-726-3133
Agar Fire DeptAgar
Alcester VFDAlcester 934-2720
Alexandria VFDAlexandria 239-4767
Alpena Fire Dept.Alpena-849-3535
Amour Fire DeptAmour
Andover Vol. Fire Dept.Andover 298-5299
Ardmore Fire DistrictArdmore-459-2200
Argyle Vol. Fire Dept.Custer-673-5823
Arlington Vol. Fire Dept.Arlington 983-5251
Artesian Vol. Fire Dept.Artesian 527-2630
Ashton Fire DeptAshton 472-1907
Astoria Vol. Fire Dept.Astoria-832-3351
Aurora Fire Dept.Aurora-693-3525
Avon Fire Dept.Avon
Baffalo Gap VFDBuffalo Gap 833-6831
Baltic Vol. Fire Dept.Baltic 529-5960
Batesland VFDBatesland
Bath Fire DeptBath
Belle Fourche Vol. Fire Dept.Belle Fourche-892-6237
Belvidere VFDBelvidere 344-2377
Beresford Fire and RescueBedesford-763-2400
Big Stone City Fire DeptBig Stone City 862-8211
Bison Vol. Fire Dept.Bison 244-5253
Black Hawk Vol. Fire Dept.Black Hawk-787-6415
Bonesteel Vol. Fire Dept.Bonesteel

Keystone VFDKeystone 666-4428
Kimball Fire Dept.Kimball 778-6269
LaBolt Fire DeptLaBolt
Lake Andes Fire DeptLake Andes 487-7122
Lake Norden Fire DistrictLake Norden 785-2156
Lake Preston VFDLake Preston 847-4140
Langford VFDLangford 493-5412
Lebanon Vol. Fire Dept.Lebanon 768-9469
Lemmon Fire Dept.Lemmon-374-5796
Lennox VFDLennox 647-2464
Leola Fire DeptLeola 439-3626
Lesterville Fire & RescueLesterville 364-7321
Letcher Fire DeptLetcher 248-2242
Long Lake Fire DeptLong Lake 577-6205
Longvalley Fire DeptLongvalley 462-6142
Lower Brule Fire Dept.Lower Brule 473-5281
Ludlow VFDLudlow 278-6138
Lyons Vol. Fire Dept.Lyons-543-5591
Madison Fire Dept.Madison 256-7523
Marion Fire DeptMarion
Martin Vol. Fire Dept.Martin 685-6595
McIntosh Vol. Fire Dept.MCINTOSH 273-4391
McLaughlin VFDMcLaughlin 823-4777
Mellette Fire DeptMellette 887-3401
Menno Fire DeptMenno
Midland VFDMidland 843-2111
Milbank Vol. Fire Dept.Milbank-432-5800
Milesville Fire DeptMilesville 544-3271

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Box Elder Vol. Fire RescueBox Elder 923-1224
Brandon Fire DeptBrandon 582-3232
Brandt Vol. Fire Dept.Brandt100-100-1000
Brentford Fire Dept.Brentford 887-3402
Bridgewater Fire Dept.Bridgewater-729-2259
Bristol Fire Dept.Bristol
Brookings Fire DeptBrookings 692-6323
Brownsville Vol. Fire Dept.Deadwood 578-1556
Bruce Fire Dept.Bruce-627-5323
Bryant Vol. Fire Dept.Bryant100-100-1000
Buffalo Cty. Rural Fire Protection District 1Gann Valley
Buffalo Vol. Fire Dept.Buffalo-375-3106
Burke VFDBurke 775-2555
Camp Crook Vol. Fire Dept.Camp Crook-797-4466
Canova Fire Dept.Canova100-100-1000
Canton Vol. Fire Dept.Canton 764-5126
Cascade Fire Dept.Hot Springs 745-4511
Castle Rock Vol. Fire Dept.Newell-866-4466
Castlewood Fire DeptCastlewood 793-2331
Cavour Vol. Fire Dept.Cavour 599-2870
Centerville Fire Dept.Centerville-563-2302
Chamberlain Vol. Fire Dept.Chamberlain-734-4007
Chancellor Vol. Fire Dept. Inc.Chancellor-647-2892
City of Pierre Fire Dept.Pierre 773-7401
Claire City Vol. Fire Dept.Claire City 652-4560
Clark Vol. Fire Dept.Clark-532-3113
Clear Lake Vol. Fire Dept., Inc.Clear Lake 874-8122
Colman Fire and RescueColman 534-9862
Colome Vol. Fire Dept.Colome 842-0853
Colton Vol. Fire Dept., Inc.Colton 446-3215
Columbia Community Fire DeptColumbia 396-2634
Conde Fire DeptConde 382-5215
Corona Fire Dept.Corona 432-5818
Corsica Community Fire DeptCorsica 946-5400
Cresbard Fire DeptCresbard 324-3475
Crooks Fire Dept.Crooks-543-5805
Custer Vol. Fire Dept.Custer-673-4080
DALLAS Vol. FIRE DEPT.DALLAS 835-8152
Dante Fire Dept.Dante 384-3457
Deadwood Vol. Fire Dept.Deadwood-578-1212
Dell Rapids Fire DeptDell Rapids 428-5364
Delmont Vol. Fire Dept.Delmont 779-2571
Black Hills Health Fire Dept.Hot Springs 745-2034
Miller Fire Dept.Miller 853-2220
Minnekahta Fire Dept.Hot Springs 745-4085
MITCHELL FIRE & AMBULANCEMITCHELL-995-8400
Mobridge Fire DeptMobridge 845-2800
Monroe Vol. Fire Dept.Monroe-297-2320
Montrose Vol. Fire Dept.Montrose 363-5236
Mound City Vol. Fire DeptMound City 955-3598
Mt Vernon VFDMt Venon 236-5586
Murdo Vol Fire Dept.Murdo 669-2633
Nemo VFDNemo
New Effington Fire Dept.New Effington 637-5407
New Underwood Fire DeptNew Underwood 754-6782
North Haines Vol. Fire Dept.Rapid City-348-4001
North Marshall Fire DeptBritton 448-2309
North Sioux City Fire DeptNorth Sioux City 232-4286
Northville Vol. Fire Dept.Northville 887-3532
Nunda Vol. Fire Dept.Nunda
Oldham Vol. Fire Dept.Oldham-482-8321
Olerich's VFDolerich's 535-6660
Onaka Vol. Fire Dept.Onaka-447-5831
Opal VFDOpal 745-2295
Oral VFDOral 424-2332
Orient Fire DeptOrient 392-2546
Ortley VFDOrtley 947-4724
Parker Vol. Fire Dept.Parker 297-3180
Parkston Fire Dept.Parkston
Peever Fire Dept.Peever-932-3641
Philip VFDPhilip 859-2424
PickstownPickstown 487-7553
Piedmont Fire DeptPiedmont 787-5121
Pierpont Rural Fire Dept.Pierpont-325-3370
Pierre Airport Fire & RescuePierre 773-7405
Plankinton VFDPlankinton 942-7249
Platte Vol. Fire Dept.Platte 337-2347
Pollock Fire Dept.Pollock-889-2490
Presho VFDPresho 895-2337
Pringle VFDPringle 673-2650
Pukwana Vol. Fire Dept.Pukwana-894-4374
Ramona VFDRamona 482-8289
Rapid City Dept. of Fire and Emergency ServicesRapid City-394-4180
Rapid Valley Vol. Fire Dept.Rapid City 393-0848
Ravinia Fire Dept.Ravinia
Raymond Fire Community AssociationRaymond-881-1196

Collective Intelligence in Emergency Management 131

DeSmet Fire DeptDeSmet 854-3976
Dewey VFDEdgemont 662-6136
Doland Fire Dept.Doland-635-6590
Doty Vol. Fire Dept.Rapid City 341-6111
Draper Vol. Fire Dept.Draper-669-2176
Dupree Vol. Fire Dept., Inc.Dupree-365-5177
Eagle Butte Vol. Fire Dept.Eagle Butte 964-2511
eden Fire DeptEden 486-4821
Edgemont Vol. Fire Dept.Edgemont 662-7422
Elk Point Fire Protection DistrictElk Point 356-3196
ElktonVFDElkton 542-7731
Elm Springs Fire Dept.Wasta-798-2116
Emery Vol. Fire Dept.Emery 449-9293
Enning Fire Dept.Red Owl 985-5559
Ethan Fire Dept.Ethan-227-4230
Eureka Fire DeptEurka 284-2524
Faulkton VFDFAulkton 598-6724
Flandreau Fire DeptFlandreau 997-2672
Fort Meade VAMCFort Meade 347-7071
Fort Pierre vol. fire dept.Fort Pierre 223-2682
Four Corners Vol. Fire Dept.Hayes 567-3538
Frankfort Fire Dept.Frankfort 472-3025
FREDERICK AREA FIRE Dept.FREDERICK 329-2073
FREEMAN FIRE DEPTFREEMAN 925-7025
Gann Valley Vol. Fire Dept.Gann Valley 293-3294
Garretson Vol. Fire Dept. Garretson 594-3422
Gary Vol. Fire Dept.Gary-272-5651
Gayville Community Fire Dept.Gayville 267-4443
Geddes VFDGeddes
Gettysburg Vol. Fire Dept.Gettysburg-765-9131
Glad Valley Fire DeptGlad Valley 466-2219
Goodwin VFDGoodwin 795-3211
Green Valley Vol. Fire Dept.Interior-455-2202
Gregory Vol. Fire Dept.Gregory-835-8270
Groton Community Fire Dept.Groton 397-8347
Harrisburg Comm Fire DeptHarrisburg 743-5700
Hartford Fire & RescueHartford 528-3511
Hayti VFDHayti 783-3193
Hayward Vol. Fire Dept.Keystone 666-4609
Hazel VFDHazel 628-2250
Hecla Vol. Firefighters, Inc.Hecla 994-2033
Hermosa VFDHermosa 255-4747
Highlands VFDEdgemont 890-0049
Ree Heights Fire DeptRee heights
Renner Fire RescueRenner 332-4090
Revilla Vol. Fire Dept.Revilla-623-4315
Rockerville Vol. Fire Dept., IncRapid City-399-3721
Roscoe VFDRoscoe
Rosedale Fire Dept.Mitchell 239-4282
Salem Fire Dept.Salem
Scotland Fire DeptScotland 583-4200
Selby Fire DeptSelby 649-6374
Silver City Vol. Fire Dept.Silver City-574-2149
Sinai Fire Dept.Sinai 826-4153
Sioux Falls Fire RescueSioux Falls 367-7173
Sisseton Fire DeptSisseton 698-7141
Smithwick Vol. Fire Dept.Smithwick
South Dakota Air National GuardSioux Falls 988-5789
Spearfish Canyon Fire Protection DistrictLead-584-2155
Spencer Vol. Fire Dept.Spencer 246-2458
Splitrock Vol. Fire Dept.SIOUX FALLS 338-1263
Springfield Fire Dept.Springfield 369-2727
Stockholm Vol. Fire Dept.Stockholm-676-2516
Stratford Community Fire DeptStratford
Sturgis VFDSturgis 347-5801
Summit Vol. Fire Dept.Summit 398-6250
Sunset Fire DeptBritton 448-2980
Tabor Fire DeptTabor 463-2514
Tea Vol. Fire Dept.Tea-498-2470
The Onida Fire Dept.onida 258-2231
Tolstoy Fire Dept., Inc.Tolstoy-442-2467
Town and Country Fire and RescueWoonsocket 796-4200
Trail City Fire DeptTrail City 865-3774
Trent Vol. Fire Dept.Trent 428-5606
Tripp Fire DeptTripp
Tulare Vol. Fire Dept.Tulare-596-4105
Turton Vol. Fire Dept., Inc.Turton-897-6622
Utica VFDUtica 665-8185
Vale Fire Dept.Vale 456-1666
Valley Springs Fire & RescueValley Springs 757-6553
Veblen Vol. Fire Dept.Veblen-738-2113
Vermillion Fire DeptVermillion 677-7097
Vetal VFDTuthill 685-1091
Viborg Vol. Fire Dept.Viborg 326-5103
Vienna Rural Fire Dept.Vienna 625-3421
Vivian Fire DeptVivian 683-4455

Highmore Fire Dept Highmore 852-2487
 Hill City Fire Dept Hill City 574-2631
 Hitchcock Community Fire Dept. Hitchcock
 Hosmer Vol. Fire Dept. Hosmer 283-2655
 Hot Springs Vol. Fire Dept., Inc Hot Springs 745-4333
 Hoven VFD, Inc. Hoven 948-2535
 Howard Vol. Fire Dept. Howard 772-5759
 Hudson Vol. Fire Dept. Hudson 984-2224
 Hughes Cty. Fire Dept Pierre 773-7477
 Humboldt Fire & Ambulance Service Humboldt 363-3100
 Hurley Vol. Fire Dept. Hurley 238-5888
 Huron Fire Dept Huron 353-8520
 Hutterville Community Fire Dept. Stratford-395-6520
 Interior Vol. Fire Dept. Interior-433-5300
 Ipswich VFD Ipswich 426-6011
 Irene Vol. Fire Dept. IRENE-263-3327
 Iroquois Fire & Rescue District Iroquois 543-2486
 Isabel Fire Dept. Isabel-466-2177
 Java VFD Java 649-6211
 Jefferson VFD Jefferson 966-5858
 Johnson Siding VFD Rapid City 341-4085
 Kadoka Vol. Fire Dept. Kadoka 100-100-1000
 Kennebec Fire Dept. Kennebec-869-2220

Volga Fire Dept Volga 627-9113
 Volia Fire Dept Volia
 wagner fire dept wagner 384-9999
 Wakonda Fire Dept. Wakonda-267-2768
 Wall Vol. Fire Dept. Wall 279-2563
 Wallace Fire Dept Wallace
 Warner Fire Dept. Warner-225-5040
 Watertown Fire Dept. Watertown 886-4733
 Waubay VFD Waubay-947-4849
 Wayne Twp Fire & Rescue Sioux Falls 367-0128
 Webster Fire Dept. Webster 345-3030
 Wentworth Fire Dept Wentworth 483-3135
 Wessington Rural Fire Dept. Wessington 458-2237
 Wessington Springs Vol. Fire Dept., Inc. Wessington Springs-539-1888
 Whispering Pines Vol. Fire Dept. Rapid City 343-3382
 White Lake VFD White Lake 249-2711
 White Vol. Fire Dept. WHITE-629-6841
 Whitewood Vol. Fire Dept./ Rescue Hose Company #1 Whitewood-269-257
 Wilmot Fire Dept Wilmot-938-5001
 Winner Vol. Fire Dept. Winner 842-3324
 Wood Vol. Fire Dept. Wood-452-3222
 Worthing Community Fire Dept. Worthing-372-4151
 Yankton Fire Dept. Yankton 668-5228

California

233rd Firefighting Team, CA Army National Guard
 Adin Fire Dist. Adin 299-4700
 Aerojet Fire Services Sacramento 355-3473
 Air Force Plant 42 Fire Dept. Palmdale 272-6637
 Alameda Cty. Fire Dept. San Leandro 618-3490
 Albany Fire Dept. Albany 528-5778
 Alhambra Fire Dept Alhambra 570-5190
 Alleghany Vol. Fire Dept. Alleghany-287-9844
 Alpine Fire Dist. Alpine 445-2635
 Alpine Meadows Fire Dept. Tahoe 583-2342
 Altaville Melones Fire Dist. Altaville 736-4461
 Alturas Rural Fire Dist. Alturas 233-3018
 Amador Fire Dist. Jackson-223-6391
 American Canyon Fire Dist. American Canyon 642-2747
 Anaheim Fire Dept. Anaheim 765-4000
 Anderson Fire Dist. Anderson 378-6699
 Anderson Valley Fire Dept. Boonville 895-2020
 Angeles National Forest Fire

Lindsay Fire Dept Lindsay 562-2511
 Little Lake Fire Dist. Willits 459-6271
 Little Valley VFD Little Valley 336-6111
 Lockheed Martin Space Systems Company Fire
 Lockwood Fire Dist. Volcano 295-8416
 Lodi Fire Dept. Lodi 333-6735
 Loma Linda Dept. Public Safety, Fire & Rescue
 Loma Rica/Browns Valley CSD
 Lompoc Fire Dept Lompoc 736-4513
 Lone Pine Fire Dept. Lone Pine 876-4
 Long Beach Fire Dept. Long Beach 570-2
 Long Valley Fire Dist. Crowley Lake 935-4545
 Long Valley Fire Dist. Laytonville 984-6055
 LONG VALLEY Vol. FIRE Dept. CROMBERG 836-2550
 Loomis Fire Dist. Loomis 652-6813
 Los Alamitos Joint Forces Training Base Fire Dept.
 Los Angeles Cty. Fire Dept. Los Angeles (323) 881-2472
 Los Angeles Fire Dept. Los Angeles 485-6003

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Angels Camp VFD Angels Camp 736-1
Annapolis VFB Annapolis 886-5166
Antelope Valley Fire Dist. Coleville-495-2300
Anza VFD Anza 763-5611
Apple Valley Fire Dist. Apple Valley 247-7618
Aptos/ La Selva Fire Dist. Aptos 685-6690
Arbuckle-College Fire Dist. Arbuckle 476-2231
ARCADIA FIRE Dept. ARCADIA 574-0
Arcata Fire Dist. Arcata 825-2000
Arrowbear Lake Fire Dept. Arrowbear 867-3479
Arroyo Grande Fire Dept. Arroyo Grande 473-5490
Atascadero Fire Dept. Atascadero 461-5070
Atascadero State Hospital Fire Dept. Atascadero 468-2501
Atwater Fire Dept. Atwater 357-6355
Auberry Vol. Fire Dept. Auberry-855-2777
Auburn Fire Dept. Auburn 823-4211
Avenal State Prison Fire Dept. Avenal 386-6089
Avila Beach Fire Dept. Avila Beach 595-2664
Bakersfield Fire Dept. Bakersfield-326-3911
Baldwin Lake Vol. Fire Dept. Baldwin Lake 675-1000
Banning Fire Service Banning 922-3230
Barona Fire Dist. Lakeside 390-2794
Barstow Fire Dist. Barstow 256-2254
Bear Valley Public Safety Bear Valley 753-2321
Beaumont Fire Service Banning 845-3718
Beckwourth VFD Beckwourth 832-1008
Beginnings Vol. Fire Dept. Redway
Ben Lomand Fire Dist. Ben Lomand 336-5495
Benicia Fire Dept. Benicia 746-4275
Berkley Fire Dept. Berkeley 981-3473
Berry Creek Rancheria Vol. Fire Dept. Oroville 534-3859
Beverly Hills Beverly Hills 281-2701
Big Bear Fire Dept. Big Bear 585-2362
Big Bear Lake Fire Dist. Big Bear Lake 866-7566
Big Bend Vol. Fire Company 70 Big Bend 337-6555
Big Pine Fire Dept. Big Pine 938-2600
Big Sur Vol. Fire Brigade Big Sur-667-2113
Big Valley Fire Dist./ Bieber Fire Dept. Bieber 294-5720
Bishop Fire Dept. Bishop 873-5485
Blue Lake Vol. Fire Dept. Blue Lake 668-5765
Bodega Bay Fire Dist. Bodega Bay 875-3001
Bodega Vol. Fire Dept. Bodega-484-2413
Boeing Fire Services, (LBD-SSG) Long Beach 593-4255
Los Banos Fire Dept. Los Banos 827-7025
Lucerne Recreation & Park Dist. Fire Dept. Lucerne 274-3100
Madera Fire Dept. Mariposa 966-3622
Madera Cty. Fire Dept. Madera 675-7799
Madison FPD Madison 662-5745
Mammoth Lakes Fire Dist. Mammoth Lakes 934-2300
Manhattan Beach Fire Dept. Manhattan Beach 802-5203
Manteca Fire Dept. Manteca 239-8435
MARCH FIELD FIRE Dept. MARCH ARB
Marin Cty. Fire Dept. Woodacre 499-6717
Marina Dept. Public Safety Marina 884-1210
Marine Corps Mountain Warfare Training Center Fire Dept.
Marinwood Fire Dept. San Rafael 479-0122
Mariposa Cty. Fire Dept. Mariposa 966-4330
Mariposa Public Utility Dist. Fire Dept. Mariposa 966-2515
Markleeville VFD Markleeville 694-2223
Martinez Refining Company Fire Brigade Martinez 313-3427
Marysville Fire Dept. Marysville 741-6622
Maxwell Fire Dist. Maxwell-438-2320
Mayacamas Vol. Fire Dept., Inc. Glen Ellen 938-0469
Mayten Fire Dist. Montague 459-5210
McArthur Vol. Fire Dept. Mc Arthur 336-5026
McCloud Vol. Fire Dept. McCloud 964-2422
Meadow Valley Fire Dept. Meadow Valley-283-2620
Meeks Bay Fire Dist. Tahoma 525-7548
Mendocino Vol. Fire Dept. Mendocino 937-0131
Menlo Park Fire Dist. Menlo Park 650-688-8400
Merced Fire Dept. Merced 385-6891
Merced Cty. Fire Dept. Merced 385-7344
Mesa Grande Fire Dept. Santa Ysbel 782-0795
Mid-Coast Fire Brigade Carmel 625-8175
Midpines Vol. Fire Dept. Midpines 966-6239
Milford Fire Dist. Milford 253-3699
Mill Valley Fire Dept. Mill Valley 389-4130
Millbrae Fire Dept. Millbrae 259-2400
Millville FPD Millville 547-4304
Milpitas Fire Dept. Milpitas-586-2800
Miranda Vol. Fire Dept. Miranda-943-3100
Mi-Wuk Sugar Pine Fire Dist. Mi-Wuk 586-5256
Modesto Fire Dept. Modesto 572-9590
Mokelumne Fire Dist. Lockeford 727-0564
Mokelumne Hill FPD Mokelumne Hill 286-1389
Monrovia Fire Dept. Monrovia 256-1

Collective Intelligence in Emergency Management 134

Bolinas Fire Dist.Bolinas 868-1566
Bonita Sunnyside FPDBonita 479-2346
Borrego Springs Fire Dist.Borrego Springs 767-5436
Boulder Creek Fire Dist.Boulder Creek 338-7222
Boulevard Fire and Rescue Dept.Boulevard 766-4633
Branciforte FPDSanta Cruz 423-8856
Brea Fire Dept.Brea714-990-7655
Bridgeport Fire Dist.Bridgeport 932-7353
Brisbane Fire Dept.Daly 991-8138
Brooktrails Fire Dept.Willits-459-4441
Bucks Lake Fire Dept.Quincy 283-2947
Burbank Paradise Fire Dist.Modesto 523-1129
Burney Fire Dist.Burney 335-2212
Butte Cty. Fire Dept.Oroville 538-7111
Butte Creek Canyon Vol. Fire Company 26Chico 898-1726
Butte Valley Fire Dist.Macdoel 398-4332
C & H Sugar Co. Fire Dept.Crockett 787-4417
C Road VFDBlairsden 836-0288
CA Dept. Forestry and Fire - HQSacramento
Cabazon Tribal Fire Dept.Indio 342-1251
Cachagua Fire Dist.Carmel Valley 659-7700
Calaveras Cty. Fire & Emergency ServicesSan Andreas
Calexico Fire Dept.Calexico 768-2150
California Fire Dept.California 373-7003
California Correctional Center Fire DeptSusanville
California Correctional Inst.Tehachapi 822-4402
California Governor Office Emergency Services - Fire & Rescue
California Institution For Women Fire DeptCorona 597-1771
California Medical Facility Fire Dept.Vacaville 449-6540
California Pines Vol. Fire Dept.Alturas 283-1151
California Rehabilitation CenterNorco 273-2915
California State Prison-Los Angeles Cty. Fire Dept.
Calimesa Fire ServiceBanning 795-1010
calipatria fire Dept.calipatria 348-4144
Calistoga Fire Dept.Calistoga-942-2822
Calpine Vol. Fire Dept.Calpine 994-3941
Cambria Fire Dept.Cambria 927-6240
Cameron Park Fire Dept.Cameron Park 677-2231
Camp Meeker Vol.Fire Company, Fire DivisionCamp Meeker
Camp Pendleton Fire Dept.Camp Pendleton 725-3376
Camp RobertsCamp Roberts 238-8406
Campo Fire & Rescue - Vol. Fire Dept.Campo 478-5310
Montague Fire Dept.Montague 459-5343
Montclair Fire Dept.Montclair -1217
Monte Vista Fire Dist.Montclair -1217
Montebello Fire Dept.Montebello(323) 887-4512
Montecito Fire Dist.Santa Barbara-969-7762
Monterey Airport Fire Dept.Monterey 648-7008
Monterey Fire Dept.Monterey-646-3900
Monterey Park Fire Dept.Monterey Park-307-1271
Montezuma Fire Dist.Rio Vista 374-5962
Montezuma Fire Dist.Stockton-464-5234
Montezuma Valley Vol. Fire Dept.Ranchita 782-3467
Montgomery Creek Vol. Fire CompanyMontgomery Creek
Moraga - Orinda Fire Dist.Orinda 258-4599
Moreno Valley Fire ServiceMoreno Valley 486-6784
MORONGO FIRE Dept.BANNING 849-7193
Morro Bay Fire DeptMorro Bay 772-6242
Mosquito Fire Dist.Placerville -9017
Mount Shasta Fire Dept.Mount Shasta 926-7546
Mount Shasta Fire Dist.Mount Shasta 926-0702
Mount Shasta Vista Vol. Fire CompanyMontague
Mountain Fire/Rescue VFCMountain Ranch 728-3180
Mountain Valley Vol. Fire Dept.Dunlap 338-1100
Mountain View Fire Dept.Mountain View650-903-6365
Mountain View Fire Dist.Crows Landing-634-4766
MT. LAGUNA VOL. FIREMount LAGUNA 473-8281
Muir Beach Vol. Fire Dept.Muir Beach 380-9627
Mule Creek State Prison Fire DeptIone 274-4911
Murphys FPDMurphys 728-3864
Murrieta Fire DeptMurrieta 304-3473
Napa Cty. Fire Dept.Saint Helena 967-1400
NASA/Ames Fire Dept.
National Fire Dept.National 336-4550
Naval Postgraduate School Fire Dept.
Nevada Fire Dept.Nevada 265-2351
Nevada Cty. Consolidated Fire Dist.
Newark Fire Dept.Newark 790-7218
Newcastle Fire Dist.Newcastle 663-9369
newmon VFDNewmon 862-1716
Newport Beach Fire Dept
Nicasio Vol. Fire Dept.Nicasio415-662-2201
Nice Vol. Fire & RescueNice 274-8834
Niland Fire Dist.Niland 359-0410

Collective Intelligence in Emergency Management 135

Campo Reservation Fire Dist.Campo 478-2371
Camptonville Fire Dept.Camptonville 288-0207
Canby VFDCanby 233-9233
Canyon Lake Fire ServiceCanyon Lake 244-5804
Capay Fire Dist.Orland-865-4115
Carlsbad Fire Dept.Carlsbad 931-2141
Carmel Highlands Fire Dist.Monterey 333-2600
Carmel Valley Fire Dist.Carmel 624-5907
Carmel-by-the-Sea Fire Dept.Carmel 620-2030
Carpinteria-Summerland Fire Dist.Carpinteria 684-4591
Cassel VFD (Shasta Cty. Fire)Cassel 335-3074
Cathedral Fire Dept.Cathedral 770-8200
Cayucos Fire Dist.Cayucos 995-3372
Cazadero Vol. Fire Dept.Cazadero-632-5390
Cedarville Fire Dist.Cedarville 279-2354
Centerville VFCRedding 246-1168
Central Calaveras Fire & Rescue Dist.
Central California Women's Facility Fire Dept
Central Cty. Fire Dept.Burlingame650-558-0
Central Fire Dist. Santa Cruz Cty.Santa Cruz 479-6842
Ceres Emergency ServicesCeres 538-5701
Chalfant Valley Fire Dept.Chalfant Valley 873-5402
Chester Fire Dist.Chester 258-3456
Chevron Fire Dept.Richmond 242-4200
Chino Valley Independent Fire Dist.Chino Hills 902-5260
Chowchilla Fire Dept.Chowchilla 665-8
Chuckawalla/Ironwood Fire DeptBlythe 922-0
Chula Vista Fire Dept.Chula Vista 691-5055
Alameda Fire Dept.Alameda 337-2100
Alturas Fire Dept.Alturas 233-4500
Avalon Fire Dept.Avalon310--0202
Brawley Fire Dept.Brawley-344-1234
Burbank Fire Dept.Burbank 238-3473
Chico Fire Dept.Chico 895-4930
Colton Fire Dept.Colton 370-0
Davis Fire Dept.Davis-757-5684
Dinuba Fire Dept.Dinuba 591-5931
Downey Fire Dept.Downey 904-7344
Eureka Fire Dept.Eureka 441-4000
Fountain Valley Fire Dept. Fountain Valley
Fresno Fire Dept.Fresno 621-4000
Hemet Fire DeptHemet 765-2450
Ione Fire Dept.Ione-274-4548
N. Central Fire Dist.Kerman 275-5531
N. Cty. Fire Dist.Fallbrook 723-2005
N. Cty. Fire Dist. Monterey Cty.Castroville
N. San Juan Fire Dist.N. San Juan 292-9159
N. Tahoe Fire Dist.Tahoe 583-6913
N.star Fire Dept.Truckee 562-1212
N.Tree Fire International (NTI)Marysville 743-7
Novato Fire Dist.Novato 878-2690
Oakdale Fire Dept.Oakdale 847-5904
Oakdale Rural Fire Dist.Oakdale 847-6898
Oakland Fire Dept.Oakland-238-3856
Oceano Fire Dept.Oceano 473-6915
Oceanside Fire Dept.Oceanside 435-4101
OCOTILLO WELLS FIRE Dept.
Olivehurst Public Utility Dist. Fire Dept.
Onizuka Fire and Emergency Services
Ontario Fire DeptOntario 395-2002
Ontario International Airport Fire Rescue
Ophir Hill Fire Dist.Cedar Ridge 273-8351
Orange Cty. Fire AuthorityIrvine 573-6000
Orange Cove Fire Dist. Fresno & Tulare Counties
Orcutt Fire Dist.Orcutt-937-7515
Ord FPDGlenn 934-3355
Orick Vol. Fire Dept.Orick 488-3093
Oroville Fire Dept.Oroville 538-2480
Pacific Grove Fire Dept.Pacific Grove 648-3110
Pacifica Fire Dept.Daly 991-8149
Pajaro Valley Fire Dist.Watsonville 722-6188
Pala Fire Dept.Pala 742-1632
Palm Desert Fire ServicePalm Desert 346-0508
Palm Springs Fire Dept.Palm Springs 323-1
Palo Alto Fire DeptPalo Alto 329-2185
Palo Verde Vol. Fire Dept.Garberville 845-3282
Palomar Mountain Vol. Fire Dept.
Paradise Fire DeptParadise 872-5
Paradise Fire Dist.Bishop 387-2255
Parks Reserve Forces Training Area Fire Emergency Services
Paso Robles Dept. Emergency ServicesPaso Robles 227-7560
Patterson Fire Dept.Patterson 892-5621
PATTON STATE HOSPITAL FIRE Dept.PATTON 425-7194
Peardale - Chicago Park Fire Dist.Chicago Park-273-2503
Pebble Beach Fire Dept.Pebble Beach 375-4204
Pelican Bay State PrisonCrescent 465-9105

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La Habra Fire Dept.La Habra(563) 905-9894
Loyalton Fire DeptLoyalton 993-6751
NapaNapa 257-9593
Norco Fire Dept.Norco 737-8097
Orange Fire Dept.Orange 288-2500
Oxnard Fire Dept.Oxnard 385-7722
Pismo Beach Fire Dept.Pismo Beach 773-7031
Red Bluff Fire Dept.Red Bluff 527-1126
Redlands Fire Dept.Redlands 798-0
Riverside Fire Dept.Riverside 826-5321
Roseville Fire Dept.Roseville916-774-5800
San Bernardino Fire Dept.San Bernardino 384-5286
San Diego Fire & Life Safety ServicesSan Diego-533-4300
San Joaquin/ Fresno Cty. Fire Dist.Tranquillity 698-5500
Santa Paula Fire Dept.Santa Paula 933-4225
Seaside Fire Dept.Seaside 899-6790
Suisun Fire Dept.Suisun -421-7205
Sunnyvale Dept. Public SafetySunnyvale-730-7100
Vernon Fire Dept.Vernon323-583-8811
West Sacramento Fire Dept.West Sacramento 617-4608
Clarksburg FPDClarksburg 744-1700
Clear Creek Fire Dept.Westwood 256-3096
Clearlake Oaks Fire Dist.Clearlake Oaks 998-3294
Clements Rural Fire Dist.Clements 759-3371
Cloverdale Fire Dist.Cloverdale 894-3545
Clovis Fire Dept.Clovis 324-2200
CNRSW Federal Fire Dept.San Diego 524-2518
Coachella Fire DeptCoachella 398-8895
Coalinga Fire Dept.Coalinga 935-1652
Cfee Creek Vol. Fire CompanyTrinity Center 266-3955
Colfax Fire Dept.Colfax-346-2323
Colma FPDColma 755-5666
Columbia Fire Dist.Columbia 532-3772
Colusa Fire Dept.Colusa 458-7721
Combat Center Fire Dept.Twenty-nine Palms 830-6871
COMNAV Region Southwest Federal Fire Dept.NAS Lemoore
Comptche Vol. Fire Dept.Comptche 937-2
Contra Costa Cty. Fire Dist.Pleasant Hill 941-3300
Copco Lake Fire Dept.Montague-459-0434
Copperopolis Fire Dist.Copperopolis-785-2393
Cordelia Fire Dist.Suisun 864-0468
Corning Vol. Fire Dept.Corning 824-7044
Corona Fire Dept.Corona 736-2220
Peninsula Fire Dist.Lake Almanor 259-2306
Penn Valley Fire Dist.Penn Valley 432-2630
Penryn Fire Dist.Penryn 663-3389
Perris Fire ServicesElsinore 674-2161
Petaluma Fire Dept.Petaluma 778-4390
Petrolia VFDPetrolia 629-3558
Phillipsville Vol. Fire Dept.Phillipsville 943-3555
Piedmont Fire Dept.Piedmont 420-3030
Piercy FPD Piercy
Pike VFDPike 288-0624
Pine Ridge Vol. Fire Dept.Shaver Lake-841-7774
Pinole Fire DeptPinole 724-8972
Pioneer Fire Dist./ CDFSomerset 620-4444
Pioneertown Station 38Pioneertown
Placer Consolidated Fire Dist.Auburn 823-4155
Placer Cty. Fire Dept.Auburn 889-0111
Placer Hills Fire Dist.Meadow Vista 878-0405
Platina/ Wildwood Fire RescueWildwood 628-4214
Plumas Eureka Fire & RescueBlairsden 836-0532
Plumas National ForestQuincy 283-7834
Point Mantara Fire Dist.Half Moon Bay 726-5213
Porterville Fire Dept.Porterville 782-7526
Poway Fire Dept.Poway 668-4466
Presidio Fire Dept.San Francisco 561-4221
Presidio Monterey Fire Dept.Seaside 242-7701
Princeton Vol. Fire Dept.Princeton-439-2235
Quincy FPDQuincy 283-0870
R.J. Donovan Correctional Facility Fire Dept.San Diego
Rainbow VFDFallbrook 723-2026
Ramona Fire Dept.Ramona 788-2250
Rancho Adobe Fire Dist.Penngrove 795-6011
Rancho Cucamonga Fire Dist.Rancho Cucamonga 477-2770
Rancho Mirage Fire ServiceRancho Mirage 328-9877
Rancho Santa Fe Fire Dist.Rancho Santa Fe 756-5971
Redding F.D.Redding-225-4141
Redondo Beach Fire Dept.Redondo Beach310-318-0663
Redwood Fire Dept.Redwood 780-7400
Redwood Valley Calpella Fire Dist.Redwood Valley 485-8121
Reedley Fire Dept.Reedley 637-4230
RESCUE FIRE Dist.RESCUE 677-1868
Rialto Fire Dept.Rialto 820-2501
Richmond Fire DeptRichmond 307-8031
Ridgecrest Vol. Fire Dept.Ridgecrest 378-3966

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Coronado Fire Dept. Coronado 522-7374
Correctional Training Facility Fire Dept Soledad
Corte Madera Fire Dept. Corte Madera 927-5077
COSTA MESA FIRE Dept. COSTA MESA 754-6
Cottonwood Fire Dist. Cottonwood 347-4737
Courtland Fire Dist. Courtland 916-775-1210
Covelo Fire Dist. Covelo-983-6719
Crescent FPD Crescent 464-2421
Crest Forest Fire Dist. Crestline 338-3311
CROCKETT-CARQUINEZ FIRE DEPT
Culver Fire Dept. Culver 253-5900
Cypress Fire Dist. Monterey 333-2600
Daggett Vol. Fire Dept. Daggett 254-5474
Daly Fire Dept. Daly 991-8138
Davis Creek VFDDavis Creek 233-5521
De Luz Vol. Fire Dept. Fallbrook-728-3300
Deer Springs Fire Dist. Escondido 749-8001
Del Mar Fire Dept. Del Mar 755-1522
Delta Fire Dist. Rio Vista 374-2233
Denair VFDDenair 632-5032
Desert Hot Springs Fire Service
Deuel Vocational Institution Fire Dept. Tracy 835-4141
Diamond Springs - El Dorado Fire Dist
Dixon Fire Dept. Dixon 678-7060
Dobbins/Oregon House Fire Dist. Oregon House 692-2255
Donner Summit Fire Dept. Soda Springs 428-3000
Dos Palos Fire Dept. Dos Palos 392-2081
Douglas Fire Dept. Douglas 623-5110
Downieville Fire Dist. Downieville 289-3333
Doyle FPD Doyle 827-2681
Dry Creek/Sotoyome Vol. Fire Company Healdsburg-431-3360
Dunnigan Fire Dept/Dunnigan FPD Dunnigan 724-3515
East Contra Costa Fire Dist. Brentwood 634-3400
East Cty. Fire Prevention Dist. El Cajon 579-6034
East Zone Tahoe National Forest Fire Dept. Sierraville 994-
Ebbetts Pass Fire Dept. Arnold 795-1646
Edwards Air Force Base Fire Division Edwards AFB 277-3123
El Cajon F.D. El Cajon-441-1600
El Centro Fire Dept. El Centro 337-4
El Cerrito Fire Dept. El Cerrito 215-4450
El Dorado Cty. Fire Dist. Camino 644-9630
El Dorado Hills Fire Dept. El Dorado Hills 933-6623
El Medio Fire Dept. Oroville 533-4484
Rincon Valley FPD SANTA ROSA 539-1801
Rio Dell Fire Dist. Rio Dell 764-3329
Rio Vista Fire Dept. Rio Vista 374-2233
Ripon Fire Dist. Ripon 599-4
Riverdale Vol. Fire Dept. Riverdale-867-3838
Riverside Cty. Fire Dept. Perris-940-6900
Robbins Vol. Fire Dept. Robbins-738-4220
Rocklin Fire Dept. Rocklin 625-0
Rodeo Hercules Fire Dist. Hercules 799-4561
Rohnert Park Dept Public Safety Rohnert Park
Ross Fire Dept. Ross 453-7434
Ross Valley Fire Dept. San Anselmo 258-4686
Rough & Ready FPD Rough and Ready 432-1140
Rubidoux Fire Service Rubidoux 683-4561
Rumsey Rancheria Fire Dept. Brooks 796-2500
Running Springs Fire Dept. Running Springs 867-2630
Russian River FPD Guerneville 869-9089
Ryer Island Fire Dist. Walnut Grove 916-775-2302
Sacramento Fire Dept. Sacramento 264-5266
Sacramento Metropolitan Fire Dist. Sacramento 566-4000
Sacramento River Fire Dist. Colusa Colusa 458-0239
Salida Fire Dist. Salida 545-0365
Salinas Fire Dept. Salinas 758-7261
Salinas Rural Fire Dist. Salinas 455-1828
Salton Community Services Dist. Fire Dept. Salton 394-4446
Salyer Vol. Fire Dept. Salyer-629-2778
Samoa Peninsula Fire Dist. Samoa 443-9049
San Andreas Fire Dist. San Andreas 754-4693
San Antone Valley Vol. Fire Dept. Livermore-897-3232
San Antonio Vol. Fire Company Petaluma 769-0353
San Benito Cty. Fire Dept. Monterey 333-2600
San Bernardino Cty. Fire Dept. San Bernardino-387-5940
San Bruno Fire Dept. San Bruno 616-7096
San Diego Rural Fire Dist. Jamul 669-1188
San Francisco Fire Dept. San Francisco 558-3400
San Gabriel Fire Dept. San Gabriel 308-2880
San Jacinto Fire Service San Jacinto -7060
San Jose Fire Dept. San Jose() 277-4444
San Juan Bautista Fire Dept. San Juan Bautista 623-4513
San Luis Obispo Fire Dept. San Luis Obispo 781-7380
San Luis Obispo Cty. Fire Dept. San Luis Obispo 543-4244
San Manuel Band Mission Indians Fire Dept. Highland 864-6
San Marcos Fire Dept. San Marcos 744-1050

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El Segundo Fire DeptEl Segundo 524-2395
Eldorado National ForestPlacerville 622-5061
Eldridge Fire Dept.Eldridge 938-6333
Elfin Forest/ Harmony Grove Fire Dept.
Elk Grove Community Services Dist. Fire Dept.
Elk VFDElk 877-3444
Emeryville Fire Dept.Emeryville-596-3750
Encinitas Fire DeptEncinitas 633-2800
Escalon Consolidated Fire Dist.Escalon-838-7500
Escondido Fire Dept.Escondido 839-5400
ESPARTO FIRE Dist.ESPARTO 787-3300
Etna Fire Dept.Etna 467-3295
Exeter Fire Dept.Exeter 592-3714
Fairfield Fire Dept.Fairfield 428-7375
Fairview Valley Fire Dept.Apple Valley 240-4731
Fall River Mills Vol. Fire Dept.Fall River Mills 336-6117
Fallen Leaf Fire Dept.S. Lake Tahoe 542-1343
Farmersville Fire DeptFarmersville 747-0791
Farmington Fire Dept.Farmington-886-5321
Federal Fire Dept.Concord 246-2078
Federal Fire Ventura Cty.Point Mugu 989-7034
Felton Fire Dist.Felton 335-4422
Ferndale Fire Dist.Ferndale 786-9
Fieldbrook Vol. Fire Dept.Fieldbrook 839-0931
Fig Garden Fire Dist.Sanger 485-7500
Fillmore Vol. Fire Dept.Fillmore-524-1500
Fire & Emergency Services, MCLB Barstow
Firebaugh Fire Dept.Firebaugh 659-2061
Folsom Fire Dept.Folsom 984-2280
Folsom Prison Fire Dept.Folsom 351-3033
Foothill Fire Dist.Valley Springs-772-1268
Foothill FPDBrownsville 675-0633
Foresthill Fire Dist.Foresthill 367-2465
Forestville FPDForestville 887-2212
Fort Bidwell Indian Community Council
Fort Bragg Fire Dept.Fort Bragg-961-2
Fort Dick Fire Dist.Fort Dick 487-5
Fort Hunter Liggett Fire Dept.Fort Hunter Liggett 386-2527
Fort Irwin Fire Dept.Fort Irwin-380-5252
Fort Jones Vol. Fire Dept.Fort Jones 468-2261
Fortuna Vol. Fire Dept.Fortuna 725-5021
Foster Fire Dept.Foster 286-3350
Fowler Fire Dept.Fowler 834-3113
San Marcos Pass Vol. Fire Dept.Santa Barbara 683-4920
San Marino Fire Dept.San Marino 300-0735
San Mateo Cty. Fire Dept.San Mateo650-345-1612
San Mateo Fire Dept.San Mateo 522-7900
San Miguel Community Services Dist. Fire Dept.
San Miguel Consolidated Fire Dist.
San Onre Fire Dept.San Clemente 368-6655
SAN PASQUAL FIRE DEPTESCONDIDO 745-9565
San Pasqual Reservation Fire Dept.Valley Center 749-7542
San Rafael Fire Dept.San Rafael 485-3304
San Ramon Valley Fire Dist.San Ramon 838-6600
Sand Canyon Vol. Fire Dept.Tehachapi-822-1966
Sanger Fire Dept.Sanger 875-6568
Santa Ana Fire Dept.Santa Ana 647-5700
Santa Barbara Fire Dept.Santa Barbara 965-5254
Santa Barbara Cty. Fire Dept.Santa Barbara-681-5500
Santa Clara Cty. Fire Dept.Los Gatos() 378-4010
Santa Clara Fire Dept.Santa Clara() 615-4900
Santa Cruz Cty. Fire Dept.Felton 335-5355
Santa Cruz Fire Dept.Santa Cruz 420-5280
Santa Fe Springs Fire Dept.Santa Fe Springs 944-9713
Santa Margarita Fire Dept.Santa Margarita 438-3185
Santa Maria Fire Dept.Santa Maria -0
Santa Monica Fire Dept.Santa Monica 458-8652
Santa Rosa Fire Dept.Santa Rosa 543-3500
Santee Fire Dept.Santee 258-4100
Saratoga Fire Dist.Saratoga() 867-9001
Sausalito Fire DeptSausalito 289-4153
Schell-Vista Fire Dist.Sonoma 938-2633
Scott Valley Fire Dist.Greenview-468-2170
Scotts Valley Fire Dist.Scotts Valley 438-0211
Sea Ranch Vol. Fire Company, Fire Division
Searles Valley Minerals Fire Dept.Trona 372-2296
Sebastopol Fire Dept.Sebastopol 823-8061
Seiad Valley Vol. Fire Dept.Seiad Valley 496-3512
Selma Fire Dept.Selma-896-2511
Sequoia & Kings Canyon National ParksThree Rivers 565-3195
Shasta College Fire Dept.Redding 225-4624
Shasta Cty. Fire Dept.Redding 225-2418
Shasta Lake Fire Dist.Shasta Lake 275-7474
Shasta Trinity National ForestRedding-226-2500
Shaver Lake Vol. Fire Dept.Shaver lake 841-8136
SHELTER COVE FIRE Dept.WHITEHORN 986-7507

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Fremont Fire Dept.Fremont-494-4285
Fresno Air National Guard Fire Dept.Fresno 454-5315
Fresno Cty. Fire Dist.Sanger 485-7500
Fresno Yosemite Intl Airport Public SafetyFresno 498-4090
FRUITLAND Vol. FIRE COMPANY, INC.
Fullerton Fire Dept.Fullerton714-738-6500
Galt Fire Dist.Galt 745-1001
Garberville Fire Dist.Garberville-923-3196
Garden Grove Fire Dept.Garden Grove 741-5600
Garden Valley Fire Dist.Garden Valley 333-1240
Gasquet Fire DeptGasquet 457-3332
Gazelle FPDGazelle 435-2331
Georgetown Fire Dept.Georgetown 333-4111
Gerber Fire DeptGerber 385-1549
Geyserville Fire Dist.Geyserville 857-3535
Gilroy Fire DeptGilroy() 846-0370
Glen Ellen Fire Dept.Glen Ellen 996-9266
GLENDALE FIRE Dept.Glendale 548-4814
Gold Ridge Fire Dist.Sebastopol 823-1084
Gonzales Vol. Fire Dept.Gonzales 675-5000
Graeagle FPDGraeagle 836-1340
Graniteville Vol. Fire CompanyNEVADA -265-2146
Grass Valley Fire DeptGrass Valley 274-4370
Graton Fire Dist.Graton 823-5515
Greenfield Fire Dist.Greenfield 674-5484
Greenhorn Creek Fire Dept.Quincy-283-6450
Grenada Fire Dist.Grenada 436-2200
Gridley Fire Dept.Gridley-846-5711
Groveland Community Service Dist. Fire Dept.
Grover Beach Fire Dept.Grover Beach 473-4590
Haledon Fire Dept.Haledon973-790-8196
Half Moon Bay Fire Dist.Half Moon Bay 726-5213
Hamilton Branch Fire Dept.Lake Almanor 596-3458
Hamilton Fire Dist.Hamilton 826-3355
Hammond Ranch Fire CompanyWeed 938-4200
Hanford Fire Dept.Hanford 585-2545
Happy Camp Ranger Dist., Klamath N.F. USFS
Happy Valley Fire Dist.Anderson 357-2345
HAT CREEK Vol. FIRE COMPANY
Hawkins Bar VFD.Salyer-629-3920
Hayfork Vol. Fire Dept.Hayfork-628-5126
Hayward Fire DeptHayward 583-4940
Hearst Castle Fire Dept.San Simeon 927-2175
Shelter Valley Vol. Fire Dept.Julian 765-2888
Sierra Army Depot Fire & Emergency SevicesHerlong 827-4323
Sierra Fire Dist.Sierra -862-1166
Sierra Conservation CenterJamestown 984-5291
Sierra Cty. Fire Dist. #1Sierraville-994-3344
Sierra Madre Vol. Fire Dept.Sierra Madre 355-3611
Sierra Valley Vol. Fire Dept.Chilcoot 993-4856
Skywalker Ranch Fire BrigadeNicasio 662-1704
Smartsville Fire Dist.Smartsville-639-0405
Smith River Fire Dist.Smith River-487-5621
Solana Beach Fire Dept.Solana Beach 720-2410
Soledad Fire Dept.Soledad 678-2054
Solvang Fire Dept.Solvang 688-6046
Sonoma Cty. Dept. Emergency ServicesSanta Rosa 565-1152
Sonoma Valley Fire & Rescue AuthoritySonoma 996-2102
Sonora Fire Dept.Sonora 532-7432
S. Coast VFDGualala 884-4700
S. Cty. Fire AreaSan Carlos 802-4255
S. Lake Couny Fire Dist.Middleton-987-3089
S. Lake Tahoe Fire Dept. Station 3S. Lake Tahoe-542-6160
S. Monterey Cty. Fire Dist.Monterey-333-2600
S. Pasadena Fire DeptS. Pasadena 403-7300
S. Placer Fire DistGranite Bay916-791-7059
S. San Francisco Fire Dept.S. San Francisco 829-3950
S. Santa Clara Cty. Fire Dist.Morgan Hill() 779-2121
S. Yreka Fire Dist.Yreka 842-1477
S.ern Marin Fire Dist.Mill Valley 388-2
Spring Valley Vol. Fire Dept.San Jose() 422-8753
Squaw Valley Fire Dept.Olympic Valley 583-6111
St. Helena Fire Dept.Saint Helena 967-2880
Stanislaus Consolidated Fire Dist.Modesto 552-3700
Stinson Beach Vol. Fire Dept.Stinson Beach 868-0622
Stockton Fire Dept.Stockton 937-8801
Strawberry Vol. Fire Dept.Strawberry 965-3513
Suisun Fire Dist.Fairfield 425-3605
Susan River Fire Dist.Susanville 257-7477
Susanville Fire Dept.Susanville 257-5152
Sutter Cty. Fire Dept.Yuba 822-7400
Sutter Creek FPDsutter Creek 267-0285
Sycuan Fire Dept.El Cajon 445-2893
Taft Fire Dept.Taft-765-4136
Tehachapi Fire Dept.Tehachapi 822-2230
Tehama Cty. Fire Dept.Red Bluff 528-5199

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Herald Fire Dist.Herald 748-2322
Hermosa Beach Fire Dept.Hermosa Beach 376-2479
Hesperia Fire Dist.Hesperia 947-1601
Higgins Area FPD Auburn 269-2488
Highland Fire Dept.Highland 862-3031
Hollister Fire Dept.Hollister 636-4325
Holtville Fire Dept.Holtville 356-2673
Honeydew Vol. Fire Company Honeydew 629-3445
Hoopa VFD Hoopa 625-4615
Hopland Vol. Fire Dept.Hopland 744-1222
Hornbrook Vol. Fire Dist.Hornbrook-475-3064
Hughson Fire Dist.Hughson
Humboldt No. 1 FPD Eureka 445-4900
Huntington Beach Fire Dept.Huntington Beach 536-5411
Huntington Lake Vol. Fire Dept.Lakeshore 893-2347
Hyampom VFD Hyampom 628-4451
Idyllwild FPD Idyllwild 659-2153
Igo-Ono Vol. Fire Company Igo 396-2400
Imperial Beach Fire Dept.Imperial Beach 423-8223
IMPERIAL Cty. FIRE Dept.IMPERIAL-355-1191
Indian Wells Fire Service Indian Wells 568-5252
Indio Fire Service Indio 347-0756
Inter Mountain Fire & Rescue Dept.Ramona-789-3710
Inverness Vol. Fire Dept.Inverness 415-669-7151
Inyo National Forest, & Bishop Field Office, BLM
Iowa Hill Fire Dept.Iowa Hill-277-3753
Irish Beach Water Dist. Vol. Fire Dept.
Isleton Fire Dept.Isleton 916-777-7776
Jackson Valley Fire Dist.Ione-763-5848
Jackson VFD Jackson 223-1646
Jamestown Fire Dist.Jamestown 984-5623
Jenny Lino FPD Valley Springs 786-2227
Julian Cuyamaca Fire Dist.Julian-765-1
Junction Vol. Fire Dept.Junction 623-4041
June Lake Fire Dist.June Lake-648-7390
Kelseyville FPD Kelseyville 279-4268
Kensington Fire Dist.El Cerito 215-4450
Kensington Fire Dist.Kensington 527-8395
Kentfield Fire Dist.Kentfield 453-7464
Kenwood Fire Dist.Kenwood 833-2042
Kern Cty. Fire Dept.Bakersfield 391-7000
Keswick Vol. Fire Company Redding 246-3566
Keyes Fire Dist.Keyes 634-7690
Temecula Fire Service Temecula 694-6405
Templeton Fire Dept.Templeton 434-4911
Thornton Rural Fire Dist.Thornton-794-2460
Tiburon Fire Dist.Tiburon 435-7200
Timber Cove Fire Dist.Cazadero 847-3299
Torrance Fire Dept.Torrance 781-7000
Tracy Fire Dept.Tracy -4700
Travis AFB Fire Dept.Travis AFB 424-3886
Trinity Center Vol. Fire Dept.Trinity Center 266-3677
Truckee Fire Dist.Truckee 582-7850
Tulare Cty. Fire Dept.Visalia 732-5954
Tulare Fire Dept.Tulare 684-4300
Tulelake Multi Cty. Fire Dist.Tulelake-667-2997
Tuolumne Cty. Fire Dept.Sonora-533-5548
Tuolumne Fire Dist.Tuolumne -4505
Turlock Fire and Emergency Services Turlock 668-5580
Turlock Rural Fire Dist.Turlock 632-3953
Twain Harte C.S.D.- Fire and Rescue Division Twain Harte
Twentynine Palms Fire Dept.Twentynine Palms 367-7524
UCSC FIRE Dept.SANTA CRUZ 459-2344
Ukiah Fire Dept.Ukiah 463-3
Ukiah Valley Fire Dist.Ukiah 462-7921
Ultramar Fire Dept.Martinez 370-3686
Union Fire Dept.Union 675-5470
University California at Davis Fire Dept.Davis 752-1236
University California Riverside Riverside 787-6309
Upland Fire Dept.Upland 931-4180
Upper Lake Fire Dist.Upper Lake 275-2446
USDA Forest Service Summit R.D.Pinecrest 965-3434
USDA-Forest Service-Six Rivers NF-LTRD Willow Creek
Vacaville Fire Dept.Vacaville 449-5452
Valero Refinery Fire Dept.Benicia 745-7693
Valero Wilmington Fire Dept.Wilmington 495-5460
Vallejo Fire Dept.Vallejo 648-4526
Valley Center FPD Valley Center 751-0
Valley Ford Vol. Fire Dept.Valley Ford-876-3080
Vandenberg Fire Dept.Vandenberg AFB 606-3111
Ventura Fire Dept.Ventura 339-4300
Ventura Cty. Fire Dist.Camarillo 389-9710
Victorville Fire Dept.Victorville 955-5226
Viejas Fire Dept.Alpine 659-2376
Visalia Fire Dept.Visalia 713-4266
Vista (California) Fire Dept.Vista-726-2144

King Fire Dept.King 385-3430	Walt Disney Studios Fire Dept.Burbank-560-1171
Kings Cty. Fire Dept.Hanford 582-3211	Warner Bros Studios Fire Dept.Burbank 954-5640
Kingsburg Fire Dept.Kingsburg 897-5457	Wasco State Prison Fire Dept.Wasco 758-8400
Kirkwood VFDKirkwood 258-4444	Washington Fire Dept.Washington 265-3166
Klamath River Vol. Fire CompanyHorsecreek 496-3434	Waterloo Morada RFPDStockton 931-3107
Kneeland VFDKneeland 442-3252	Watsonville Fire Dept.Watsonville 728-6060
Knights Landing Fire Dept.Knights Landing 735-6409	Weaverville Fire Dept.Weaverville-623-6156
LA GRANGE FIRE DEPTLA GRANGE 853-9710	Weed Fire Dept.Weed 938-5030
La Habra Heights Fire Dept.La Habra Heights 694-8283	Weott VFDWeott-946-1953
La Honda Fire BrigadeLa Honda 747-0381	West Almanor CSDChester 259-5112
La Mesa Fire Dept.La Mesa 667-1355	West Covina Fire Dept.WestCovina-338-8800
La Quinta Fire ServiceLa Quinta 564-4351	West Plainfield Fire Dept.Davis 756-0212
La Verne Fire Dept.La Verne 596-5991	West Point Fire Dist.West Point-293-7000
Laguna Beach Fire Dept.Laguna Beach 497-0700	West Stanislaus Cty. Fire Dist.Patterson 892-5621
Lake Cty. Fire Dist.Clearlake 994-2170	Westmorland Fire DeptWestmorland 344-3411
Lake Elsinore Fire ServiceLake Elsinore 674-2161	Westport Fire Dist.Modesto 537-1391
Lake Mohave Ranchos Fire Dist.Dolan Springs 767-3300	Westport Vol. Fire Dept.Westport 964-4646
Lake Shastina Fire Dept.Weed 938-3161	Westwood Fire Dept.Westwood-256-3589
Lake Valley Fire Dist.S. Lake Tahoe 577-3737	Wheeler Crest Fire DeptBishop
Lakehead Vol. Fire CompanyLakehead 238-2129	White Mountain Fire Dist.Benton 933-2252
Lakeport Fire Dist.Lakeport-263-4396	Whitethorn Fire Dist.Whitethorn-986-7728
Lakeside Fire Dist.Lakeside 390-2350	Willow Creek VFDWillow Creek 629-2229
Lakeville Vol. Fire Dept.Petaluma 762-2075	Willow Oak FPDWoodlane 662-0781
Lanterman Developmental Center Pomona 444-7500	Willows Fire Dept.Willows 934-3323
LaPorte Vol. Fire Dept.LaPorte 675-2557	Wilmar Vol. Fire Dept.Petaluma 765-1995
Larkspar Fire DeptLarkspar 927-5014	Wilton Fire Dist.Wilton 687-6920
Lassen National Forest Fire & AviationSusanville 257-2151	Windsor Fire Dist.Windsor 838-1170
Lathrop-Manteca Fire Dist.Lathrop 858-2331	Winter Haven Fire Dist.Winter Haven 572-0549
Laton Vol. Fire Dept.Laton 923-4802	Winters Fire Dept.Winters 795-4131
Latrobe Fire Dist.Shingle Springs 677-6366	Wonder Valley Fire Dept.29 Palms 367-3761
Lawrence Livermore Fire Dept.Livermore-422-5194	Woodbridge Fire Dist.Woodbridge 369-1945
Lee Vining Vol. Fire Dept.Lee Vining-647-6400	Woodfords Fire Dept.Markleeville-694-2922
Leggett Valley Fire And RescueLeggett -6334	Woodlake Fire Dist.Woodlake 564-2181
Lemon Grove Fire Dept.Lemon Grove 825-3835	Woodland Fire Dept.Woodland -5860
Lemoore Vol. Fire Dept.Lemoore-924-6797	Woodside Fire Dist.Woodside 851-1594
Lewiston Vol. Fire Dept.Lewiston 778-3711	Yermo CSDYermo 254-2331
Liberty Rural Cty. Fire Dist.Acampo 339-1329	Yolo Fire Dist.Yolo-662-0566
Likely Vol. Fire Dist.Likely-233-4817	Yreka Vol. Fire Dept.Yreka 841-2383
LINCOLN FIRE Dept.LINCOLN 645-4040	Yuba Fire Dept.Yuba 822-4689
Linda Fire Dist.Marysville 743-1553	Zamora FPDZamora 662-8892
Linden-Peters Rural Cty. Fire Dist.Linden 887-3710	Zayante Fire Dist.Felton 335-0

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Collective Intelligence in Emergency Management 142

7 Twp and Westmoreland Fire Dept Westmoreland 457-3736
Abilene Fire Abilene 263-1121
Albert Vol. Fire Albert 923-4665
Alexandrea Township Vol. Fire Leavenworth-250-1995
Alma Fire Alma 765-3922
Alta Vista City Fire Dept Alta Vista 499-6
Altoona Vol. Fire Altoona 568-2777
Anderson Cty. Rural Fire Garnett-448-6797
Anderson Cty. Rural Fire Kincaid 439-5631
Andover Fire-Rescue Andover 733-1863
Anthony Fire Anthony 842-5434
Arkansas City Fire Arkansas City 441-4430
Arma Vol. Fire Arma 347-4600
Ashland Rural Fire Ashland 635-2531
Atchinson Cty. Fire Dist. #5 Huron-847-6879
Atchison Cty. Fire Dist. #1 Atchison 367-2090
Atchison Cty. Fire Dist. #2 Effingham
Atchison Fire Atchison 367-4329
Athol City & Rural Fire Athol 695-2216
Attica Dist. #1 Fire Dept Attica 254-7265
Aurora Vol. Fire Aurora-464-3359
Baldwin City Fire Baldwin City 594-3678
Barber Cty. Rural Fire Dist. #1 Medicine Lodge 886-3961
Bartlett-Hackberry Township Fire Bartlett 226-3409
Baxter Springs Vol. Fire Baxter Springs 856-3536
Bazine RFD Bazine 398-2495
Beattie RFD 3 Beattie 353-2555
Beaver Vol. Fire Claflin 587-3352
Belleville Fire Belleville-527-2139
Belleville Rural Fire #3 Peru-249-5919
Belpre Fire Dept Belpre 995-3775
Belvue Fire Belvue 456-7698
Bentley Vol. Fire Bentley-796-1799
Beverly Rural Fire Beverly 436-2378
Blue Township Fire-Rescue Manhattan 776-3182
Bonner Springs Fire Bonner Springs 422-5674
Bourbon Cty. Fire Dist. #3 Fort Scott 829-5115
Bucklin VFD Bucklin 227-4646
Buffalo Vol. Fire Buffalo-537-8755
Burdett Fire Burdett 525-6279
Burrton Consolidated Fire Dist. #5 Burrton-463-2235
Bushton Fire Bushton 562-3407
Butler Cty. Fire Dist. #7 Benton-778-1155
Liberty TWP- Woodbine Fire Dist. #1
Lincoln Rural Fire #1 Lincoln 524-5216
Lindsborg Vol. Fire Dept. Lindsborg 227-2988
Linn Valley Lakes FPA Linn Valley 757-2910
LITTLE RIVER FIRE LITTLE RIVER
Logan Cty. Fire Oakley 672-3233
Logan Fire Logan-689-7546
Longford Rural Fire Dist. NO 1 Longford-388-2312
Longton Vol. Fire Longton 642-2225
Lorraine Green Garden Fire Lorraine-472-1072
Louisburg Fire Louisburg 837-4700
Louisville Township Fire Wamego 456-9506
Lucas Rural Fire #2 Lucas 525-6124
Macksville Fire Macksville 348-2575
Madison VFD Madison 437-2556
Manhattan of Fire Services Manhattan 587-4500
Marion Cty. Fire Dist. 5 Lincolnville 924-5700
Marion Cty. Fire Dist. #6 Lost Springs 983-4410
Marion Cty. Fire Dist. #2 Goessel 367-8189
Marion Cty. Fire Dist. #3 Ramona 965-2689
Marion Cty. Fire Dist. #7 Tampa 965-7777
Marion Fire Dept Marion 382-3833
Marysville Fire Marysville 562-5331
Mayett Rural Fire Dist. #1 Mayetta 966-2442
McConnell AFB Fire McConnell AFB 759-3902
McDonald Fire McDonald 538-2222
McFarland Fire McFarland 765-3700
MCO Rural Fire Dist. #1 Beloit 593-6658
McPherson Cty. Fire Dept #4 Conway-834-2225
McPherson Cty. Fire Dist. #5 Inman 585-6600
McPherson Cty. RFD #1 Canton 628-4498
McPherson Cty. Rural Fire #2 Marquette 546-2403
McPherson Cty. Rural Fire Dist. #9 Galva 654-3303
McPherson Fire McPherson 245-2505
Meade Co Fire Dept Meade 873-2289
Medicine Lodge Vol. Fire Medicine Lodge 886-3908
Menlo Fire Menlo 855-2254
Merriam Fire Dept Merriam 722-7730
Milford Vol. Fire Milford 463-5490
Miller Rural Fire Miller
Mission TWP Fire Topeka 478-4053
Montezuma Fire Dept. Montezuma 846-2267
MONTGOMERY Cty. RURAL FIRE Dist. #1

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Butler Cty. Fire Dist. #2Augusta 775-4500
Butler Cty. Fire Dist. #3Rose Hill-776-0401
Butler Cty. Fire Dist. #4Cassoday-735-4364
Butler Cty. Fire Dist. #6Latham 965-2424
Butler Cty. Fire Dist. #8Douglass 747-3097
Butler Cty. Fire Dist. 10Burns 322-0315
Butler Cty. Rural Fire Dist. #5Rosalia 476-2290
Cawker City Fire Cawker City 781-4713
Centralia Fire Centralia 857-3516
Chanute Fire DeptChanute 431-5236
Chapman Fire Chapman 922-6582
Chautauqua Cty. Fire Dist. #1Cedar Vale-758-2567
Cheney Vol. Fire Cheney-542-3155
Cherokee Fire Cherokee 457-8300
Cherryvale Fire Cherryvale 336-2121
Chetopa VFDChetopa 236-4242
Cimarron Vol. Fire Cimarron 855-2215
City of Argonia Fire Argonia-435-6301
City of Caldwell Fire Caldwell-845-2354
City of Concordia Fire Concordia 245-4411
City Of Ellis Fire Ellis-726-3210
City of Eudora Fire DeptEudora 542-3653
City of Girard Fire Girard-724-6216
City of Hardtner Fire Hardtner 296-4617
City of HolcombHolcomb-277-2250
City of Independence Fire DeptIndependence 332-2504
City of LaCygne Fire LaCygne 757-2144
City of Lake Quivira Fire DeptLake Quivira 631-5300
CITY OF LINCOLN FIRE LINCOLN-524-5216
City Of McLouth Fire DeptMcLouth 796-6411
City Of Mound Valley Fire DeptMound Valley
City OF Onaga Fire DeptOnaga 889-4456
City of Tonganoxie Fire Tonganoxie 845-9494
City of Wakefield Fire Wakefield 461-5886
Claflin Fire Dist. 1Claflin 587-3498
Clay Center Municipal Fire Clay Center-632-5606
Clearwater Fire DeptClearwater 584-2418
Clifton Fire DeptClifton 455-2275
Clinton Township Fire Lawrence 748-9839
Cloud Cty. Rural Fire Dist. #4Concordia-243-5704
Clyde Fire Clyde 446-3300
Coffey Cty. Fire Dist. # 1Burlington 364-2305
Coffeyville Fire Coffeyville 252-6148
Moran Fire Moran 237-4321
Morrill Fire Morrill 459-2231
Mound Valley TWP Fire DeptMound Valley
Moundridge Fire Dept.Moundridge 345-2413
Mount Hope Fire Mount Hope 661-2211
MTAA Fire Topeka 862-9250
Mulberry Fire DeptMulberry 764-3815
Mullinville Vol. Fire Mullinville
Mulvane Fire RescueMulvane 777-1551
Munden-Narka Rural Fire Dist. #3Munden-987-5454
N.E. Johnson Cty. Fire Dist. #2Prairie Village-432-1105
Nemaha Company #4Bern
Nemaha Cty. Fire Dist. No. 3Wetmore 866-2260
Neodesha Fire Neodesha 325-2642
Neosho Township Fire DeptParsons 423-7880
Ness City Fire Dept.Ness City 798-2298
Netawaka Rural Fire Dist. #6Netawaka 933-2666
Newbury/Paxico Fire deptPaxico 636-5243
Newton Fire-EMS Newton 284-6065
Norcatur City Fire DeptNorcatur
North Centropolis Fire Ottawa
Norton City VFDNorton 877-5000
Norton Rural Fire Dist. #2Norton
Oakley Fire Oakley 672-3233
Offerle City & Trenton Jackson Fire DeptOfferle 659-2840
Ohio Township Fire Princeton 229-8471
OKETO/BALDERSON RURAL FIRE Dist. #5
Olathe Fire DeptOlathe 393-6333
Olpe Fire & Dist. #1Olpe 475-3471
Osage Company Fire Dist. #1Carbondale-836-7252
Osage Cty. Fire Dist #3Melvern 549-3374
Osage Cty. Fire Dist. # 1Carbondale 836-7252
Osage Cty. Fire Dist. #4Overbrook 665-7949
Osage Cty. Fire Dist. #5Lyndon 828-4567
Osage Cty. Fire Dist. #6Burlingame 654-2407
Osage Cty. Fire Dist. No. 2Osage City 528-3008
Osage Township Fire Dennis-423-3149
Osawatomie State HospitalOsawatomie 755-7300
Osborne Cty. Fire #3Alton-984-2318
Osborne Rural Fire # 1Osborne 346-6220
Oswego Fire DeptOswego 795-4433
Otis Fire Otis-387-2403
Ottawa Cty. Fire Dist. #6Tescott 283-4800

Colby Fire Colby 460-4454
 Columbus Fire Columbus 429-1592
 Colwey Cty. Fire Dist. NO 1Dexter 876-3296
 Colwich Vol. Fire Colwich 796-1004
 Consolidated Fire Dist. #2Prairie Village 432-1105
 Courtland Vol. Fire Courtland 374-4260
 Cowley Cty. Fire Dist. #2Atlanta 394-2222
 Cowley Cty. Fire Dist. #3Burden 438-2317
 Cowley Cty. Fire Dist. #8Cambridge-467-4111
 Cowley Cty. Fire Dist. 4Udall 782-3333
 Crawford Cty. Fire Dist. #2Arma 347-4600
 Crawford Township Rural Fire Girard 724-6118
 Cuba Fire Cuba(787) 729-3444
 Cutler Township Fire Rantoul 869-3680
 DAMAR Vol. FIRE DAMAR 839-4445
 Decatur Cty. Rural Fire Oberlin-475-8100
 Decatur Co RFDNorcatour
 Delavan Fire Dist. #5 RuralDelavan-466-2218
 Delia Rural Fire Dist. #5Delia-771-3155
 Delphos Rural Fire , Fire Dist. #3Delphos-523-4311
 Derby Fire and RescueDerby 788-5819
 DeSoto Fire DeSoto 583-1196
 Dickinson Cty. Fire Dist. #1Enterprise 263-8152
 Dodge City Fire DeptDodge City 225-8187
 Doniphan Company Rural Fire Dist. #4Elwood 365-5020
 Doniphan Cty. Rural Fire Dist. # 2Highland 442-3838
 Dorrance Fire Dist. #4Dorrance-666-4484
 Downs Fire Downs 454-6622
 Dwight RFD No. 6Dwight
 Easton Township Fire Easton-773-5504
 Edna Vol. Fire Edna 922-3321
 Edwardsville Fire Edwardsville 422-5460
 El Dorado Fire Dept.El Dorado 321-9100
 Elk City Vol. Fire Elk City 627-2483
 Elk Cty. Rural Fire Howard 374-2108
 Elk Falls Fire DeptElk Falls 329-4321
 Elkhart Vol. Fire Elkhart(320) 697-2110
 Ellinwood Fire Ellinwood 564-2408
 Ellis Cty. RFDHays 625-1061
 Ellsworth Fire Ellsworth 472-4091
 Emporia Fire /Lyon Cty. EMSEmporia 343-4230
 Englewood Fire DeptEnglewood 539-2411
 Enterprise Fire Enterprise 263-8323
 Ottawa Cty. Rural Fire Dist. #2Minneapolis-392-2176
 Ottawa Fire Ottawa 242-2561
 Overland Park Fire Overland Park 888-6066
 Ozawkie Fire Dist. #7Ozawkie 876-2200
 Palco Fire Palco-737-4285
 Parsons Fire Parsons 421-7050
 Penalosa VFDPenalosa
 Phillips Cty. Rural Fire #2 Long Island
 Phillipsburg Fire DeptPhillipsburg 543-5317
 Pittsburg Fire Pittsburg 231-1870
 Plain VFDPlains
 Plainville Fire Plainville 434-2331
 Pleasanton City Fire Pleasanton 352-8257
 Pomona Fire Pomona 566-3522
 Potawatomi Tribal Emergency ServicesMayetta 966-2164
 Pottawatomie Co RFD #2Havensville
 Pottawatomie Cty. Fire Dist. #10St. George-494-2433
 Pottawatomie Cty. Fire Dist. 6Olsburg 468-3325
 Pottawatomie Cty. Jt. RFD # 4Wheaton 396-4555
 Pottawatomie Township Vol. Fire Lane-869-3155
 Potwin Fire Potwin 752-3447
 Prairie View Fire Prairie View 973-2200
 Pratt Cty. Fire-RescuePratt 672-4130
 Pratt Cty.-Township 12 Vol. Fire Pratt 672-4130
 Preston Rur Fire Dept Twp #6Preston 656-8871
 QUENEMO FIRE DEPTQUENEMO 759-1027
 Quinter Vol. Fire Quinter-754-3821
 Randall Rual Fire Randall
 Rawlins Cty. Dist. #3McDonald 538-2222
 Redfield Fire Redfield 756-4444
 Reno County Fire Dist. #3Nickerson 422-3411
 Reno Cty. Fire Dist. #4Arlington 538-3882
 Reno Cty. Fire Dist. #7Turon-497-6501
 Reno Cty. Fire Dist. #8Yoder 662-3523
 Reno Township Fire DeptLinwood 723-3498
 Reno-Harvey Jt Fire Dist #2Buhler 543-6460
 Reno-Kingman Joint Fire Dist. #1
 Republic Co. Fire Dist., #11Norway 335-2585
 Republic Fire Dist. #9Republic 361-2354
 Richmond Consolidated Fire Dist.
 Riley Cty. Fire Dist. #1Manhattan 537-6333
 RILEY FIRE Riley 485-2424
 Rock Creek Township Fire Meriden 484-2424

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Erie Fire DeptErie 244-5330
Eureka Fire Eureka 583-5611
Fairmount Township Fire Basehor 724-4911
Fire Dist. #1 of Douglas Cty.Lecompton 887-6221
Fire Dist. #11 Jefferson Cty.Valley Falls 945-3731
Florence Fire Florence-878-4296
Ford Cty. Fire & EMS Dodge City 227-4638
Fort Leavenworth Fire & Emergency Services
Fort Riley Fire Fort Riley 239-4257
Fort Scott Fire Fort Scott 223-2140
Frankfort Fire DeptFrankfort 292-4240
Fredonia Fire Fredonia 378-2188
Frontenac Fire Frontenac-231-5730
Galatia Fire DeptGalatia 935-4350
Galena Fire Galena 783-5134
Galesburg Vol. Fire Galesburg
Garden City Fire Garden City 276-1140
Gardner Public Safety GARDNER 856-7312
Garfield TWP Fire Garden City 275-7957
Garland RFD Dist. #2Garland 223-5704
Garnett Fire DeptGarnett 448-5428
Geary Cty. Fire Junction City 238-2261
Glasco Rural Fire Dept #2Glasco 568-2583
Goodland Fire Goodland 890-4545
Gorham Fire Dist. #1Gorham 637-5385
Graham Co.F.D.Hill City-421-3455
Grainfield Fire Grainfield 673-5595
GRANDVIEW PLAZA FIRE
Grant Cty. Fire Ulysses 424-1260
Gray Cty. Rural Fire Cimarron 855-7731
Great Bend Fire/ EMSGreat Bend 793-4140
Greeley Fire dept.Greeley 867-2440
Greenwood Cty. Rural Fire #1Madison 437-2068
Grenola Vol. Fire Grenola-358-2860
Grinell Rural Fire Grinell-824-3277
Gypsum City Fire DeptGypsum
Halstead Fire Halstead 835-2606
Hamilton Cty. Rural Fire Syracuse 384-5147
Hanover Fire DeptHanover 337-2597
Harper Fire DeptHarper 896-7311
Harrison Twp Fire -EMSRautoul 878-3449
Harvey Cty. Fire Dist. #1Walton 837-3252
Haskell TWP Vol. Fire Sublette
Rozel Fire Rozel-527-4414
Rush Company Fire Dist. #4LaCrosse-222-2511
Rush Cty. Fire Dist. #3Rush Center 372-4298
Rush Cty. Fire Dist. #6Liebenthal 222-3114
Russell City Fire DepartmentRussell 483-6311
Russell Cty. Fire Dist. #5Bunker Hill 483-5100
Sabetha Fire Sabetha 284-2158
Saint Marys Fire Saint Marys 437-6459
Salina Fire Salina 826-7340
Saline Cty. Fire Dist. #5New Cambria 823-1028
Saline Cty. Fire Dist. No. 6Smolan-668-2299
Saline Cty. RFD #2Mentor 667-3583
Saline Cty. Rural Fire #3Salina 822-4503
Saline Cty. Rural Fire Dist. #1Gypsum 536-4457
Sarcoxie Township Fire McLouth 842-4770
Satanta/ Dudley TWP Fire Satanta 649-2500
Scott City Fire Scott City-872-5593
Scott Cty. Fire Scott City 872-5593
Sedgwick Cty. Fire Dist. #1Wichita 660-3473
Sedwick Vol. Fire Sedgwick 772-5700
Seneca Vol. Fire Seneca(783) 336-2747
Severy Vol. Fire Severy-736-2323
Seward Cty. Fire Liberal 626-3267
Shawnee Cty. Fire Dist. #1Silver Lake 582-4667
Shawnee Cty. Fire Dist. #3/ Rossville Fire
Shawnee Cty. Fire Dist. 2Auburn 256-2526
Shawnee Fire Shawnee-631-1080
Shawnee Heights Fire Dist.Tecumseh 379-0566
Sheridan Cty. Rural Fire Dist. # 1Hoxie 675-3773
Sherman Township Fire Linwood-301-3400
Sherman TWP Fire DeptFarlington 362-3791
Smith Center Fire Smith Center 282-3812
Smith Cty. Rural Fire Dist. #1Kensington 476-2432
Soldier Township Fire Topeka 286-2123
Solomon Fire DeptSolomon 655-2414
South Hutchinson(Kansas) Vol. Fire Dept
St Francis Vol. Fire St Francis 332-2560
St. John Vol. Fire St John 549-3208
St. Paul Mission Township Fire St. Paul 449-2710
Stafford Cty. Rural Fire Dist. #1St John 549-3478
Stafford Fire Stafford 234-5011
STANTON Cty. FIRE JOHNSON 492-2125
Sterling Fire Sterling 278-3423

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Haven Fire Dept Haven 465-3618
Haviland Vol. Fire Haviland 862-5317
Hays Fire Hays 628-7330
Healy Fire Healy 397-2828
Hepler RFD Hepler 368-4740
Hesston Fire Hesston 327-4412
Hiawatha Fire Dept Hiawatha 742-2155
Highland City Fire Highland 442-3765
Hillsboro Fire Dept Hillsboro 947-3556
Hodgeman Cty. Rural Fire Hanston-623-2796
Hoisington Fire Hoisington-653-7772
Holyrood Fire Holyrood 252-3655
Hope Rural Fire Hope 366-7225
Horton Fire Horton 486-9381
Howard Vol. Fire Howard 374-2121
Hoyt Fire Dist. #3 Hoyt 986-6437
Humboldt Fire Dept Humboldt 473-3131
Hutchinson Kansas Fire Dept Hutchinson 694-2871
Iola Fire Iola-365-4972
Iowa Tribe of Kansas and Nebraska
Isabel Fire Dept Isabel
Iuka Fire Iuka 546-2561
Jackson Cty. Rural Fire Dist. #2 Soldier 834-2666
Jefferson Cty. Fire Dist # 2 Perry 597-5904
Jefferson Cty. Fire Dist. # 12 Nortonville-886-6420
Jefferson Cty. Rural Fire Dist. #8 Oskaloosa-863-2278
Jefferson Fire Dist. #10 Winchester 774-2835
Jewell CO Fire Dist. #6-Formoso Formoso 794-2374
Johnson Cty. Fire Dist. # 1 New Century 782-3258
Johnson Cty. Fire Dist. #3 Desoto-583-3886
Johnson Cty. Fire Dist. No. 2 Stilwell 681-2764
Junction City Fire Junction City 238-6822
Kanopolis Fire Dept Kanopolis 472-4732
Kansas City Fire Kansas City 573-5550
Kanwaka Township Fire Lawrence 887-6511
Kaw TWP Fire Dist. # 1 Grantville 246-3185
Kickapoo fire dept. Horton 486-2839
Kingman Fire Kingman 532-3111
Kinsley Fire Kinsley 659-2584
Kiowa Fire Kiowa 825-4886
Labette Cty. Fire Dist. #9 Parsons 421-5360
Lakin Fire Dept Lakin 355-6252
Larned Fire Larned 285-8520
Stevens Cty. Fire Hugoton 544-2052
Stockton Fire and Rescue Stockton 425-6863
Stranger Township Fire Tonganoxie 369-9304
Summerfield Vol. Fire Summerfield 244-6265
Sumner Cty. Fire Dist. #11 Geuda Springs
Sumner Cty. Fire Dist. #3 Oxford-455-2244
Sumner Cty. Fire Dist. #9 BELLE PLAINE 488-3344
SYRACUSE FIRE DEPT. SYRACUSE 384-7364
Talmo-Wayne Fire Dist. #6 Bellville
Thayer Fire Thayer 839-5215
Timken Fire Dist. #2 Rush COTimken-335-2291
Tipton Fire Dept Tipton 373-5685
Tonganoxie Township RFD Tonganoxie 845-3801
Topeka Fire Topeka 368-4000
Toronto Fire Toronto 637-2605
Towanda Fire/ Rescue Towanda 541-2373
Township 8 Fire Dept Byers 546-2581
Trego Cty. Rural Fire WaKeeney 743-5614
Utica - Ohio TWP Fire Utica 391-2254
Valley Center Fire Valley Center 755-7325
Valverde TWP Fire Dept Geuda Springs 447-3232
Victoria Fire Dept Victoria 735-9400
Virgil VFD Virgil 678-3812
Wabaunsec Twp Fire Dept Wamego
Wabaunsee Cty. Fire Dist. #3 Harveyville 589-2424
Wabaunsee Cty. RFD #2 Alta Vista
Wakarusa Township Fire Lawrence 743-2226
Wallace Cty. Rural Fire Dist. #2 Sharon Springs 852-4237
Walnut Fire Dept Walnut 354-6438
Wamego City Fire Wamego 456-6965
Washington City Vol. Fire Washington 325-2284
Washington Cty. Fire Dist. # 10 Hanover
Washington Cty. Fire Dist. #4 Palmer
Washington Cty. Fire Dist. #9 Washington 325-2159
Washington Cty. Rural Fire Dist. # 2 Barnes 763-4444
Washington Cty. Rural Fire Dist. # 8 Morrowville
Washington Cty. Rural Fire Dist. #3 Greenleaf-747-2610
Washington Cty. Rural Fire Dist. #6 Haddam 778-2281
Washington Township Fire Everest 548-7781
Waterville Fire Dist. 6 Waterville 363-2367
Wellington Fire/ EMS Wellington 326-7443
West Mineral Fire West Mineral-827-6362
Westfall Fire Westfall-436-2352

Collective Intelligence in Emergency Management 147

Larned State Hospital Safety/Security Larned 285-4490

Lawrence-Douglas Cty. Fire & Medical Dept.

Leavenworth Cty. Fire Dist. #1 Lansing 727-5844

Leavenworth Fire Leavenworth 682-3346

Leawood Fire Leawood 681-6788

Lebanon Vol. Fire Lebanon 389-1141

Lenexa Fire Lenexa 888-6380

Lenora Fire Lenora 567-4899

Liberal Fire Liberal 626-0128

Westphalia Fire Dept Westphalia 489-2431

White City Vol. Fire White City 349-2228

Whitewater River Consolidated Fire Dist.

Whiting TWP Fire Whiting 873-3280

Wichita Fire Wichita 268-4441

Willow Springs Twp Fire Dept Baldwin City 594-6686

Wilson Fire Dept, Inc. Wilson 658-2446

Winfield Fire Winfield 221-5560

Yates Center Vol. Fire Yates Center 625-2118

APPENDIX D

Screenshot of Novato Fire District's facebook page

facebook Search Home Profile Account ▾

NOVATO FIRE DISTRICT

Novato Fire Protection District Hope you all had a good Thanksgiving. We're a day behind in sharing thanks (the fire safety message came 1st). We're thankful to serve the community - you're our reason for being here. We're thankful to have partners who share a passion for reducing risk. We're thankful those before us created a great community and we promise to make it better for those who follow. *last Friday clear*

Wall Info Photos Boxes Events Discussions >> +

What's on your mind?

Attach: [Icons] [31] [Icons] [Share]

Novato Fire Protection District + Others Just Novato Fire Protection District

Just Others Spam Settings

Novato Fire Protection District Follow our link to view the Project Management Services Request for Qualifications. NFD is looking for Comprehensive Project Management Services to assist with the implementation of demolition of the existing Fire District Station 64 and new construction of a fire station on the existing site located at 319 Enfrente Rd., Novato, CA

Novato Fire District : News : Notice to Project Management Services
38.106.4.191
Post Insights not yet available, please check back later.
4 hours ago · Like · Comment · Share · Promote

Novato Fire Protection District Ready to get your tree? Just remember to keep it watered. Let us know any secrets you have to keeping your tree watered (yes, having an artificial tree counts).

Christmas Tree Fire
www.youtube.com
A demonstration showing how flammable a dry Christmas tree can be as opposed to a tree watered regularly. This test was conducted by the National Fire Protection Association and Underwriters Laboratories.

576 Impressions · 0.17% Feedback
Monday at 1:33pm · Like · Comment · Share · Promote

Owen Valuch Mythbusters just did a segment on this....google it, pretty interesting!
Monday at 2:44pm · Like · Flag

Write a comment...

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Information

Location:
95 Rowland Way
Novato, CA, 94945
Phone:
415-878-2690
Mon - Fri:
8:00 am - 5:00 pm

Insights See All

203 Monthly Active Users
0 Daily New Likes
687 Daily Post Views
2 Daily Post Feedback

Insights are visible to page admins only.

8 Friends Like This
6 of 8 Friends See All