

Neosho Fire Department 2011 Annual Report



It is the design of the department to serve the public to the best of our ability.

The mission of the department is to assist people through Prevention, Planning, Education, and Action. We pursue this mission with determination and resolve with emphases on Dedication, Compassion, and Constant Improvement.

Introduction

In 2011 we started the year with a reduced staff but hope was just a few months away with the SAFER grant and returning all shift personnel that started May 1. The end of 2010 and the first four months of 2011 was a very tense time for us, knowing that we were at a reduced staff and was relying on the remaining shift members to do more with less personnel and relying on mutual aid to come and assist.

In 2011 the Neosho Fire Department responded to 1,354 calls for service. A break down of the call history, response by district, department training, and history of calls for service is provided later in this report.

I would like to say "THANK YOU" to the members of the department and their families that have sacrificed family activities to assist residents and visitors to our community and fellow employees. To the Citizens and City Personnel that stood behind us during the time that we were below recommended staffing and supported the remaining personnel in being able to do their jobs as safely as possible, we all say "THANK YOU."

Chief Mike Eads

Departmental facts

Fire Station 1
125 N. College St.
Neosho, Missouri 64850
Phone: 417-451-8021
Fax: 417-451-8027

Fire Station 2
501 Industrial Drive
Neosho Missouri 64850
Phone: 417-451-8030
Fax: 417-451-8047

Department e-mail: administration@neoshofire.org

January to April, 2011

Staffing-40 hour	Staffing-24 hr Shift	Staffing-Paid-per-call
Fire Chief	3 Captains	3 firefighters
Administrative Assistant	3 Lieutenants	
	10 Engineers	

After May 1, 2011

Staffing-40 hour	Staffing-24 hr Shift	Staffing-Paid-per-call
Fire Chief	3 Captains	3 firefighters
Administrative Assistant	3 Lieutenants	
Training Officer*(1)	12 Engineers*(2)	
	6 Firefighters*(6)	

SAFER grant is funding nine *(9) positions. (SAFER grant ends April 2013)
Deputy Chief position removed and not funded at this time

Fire Department Personnel Current staff
End of year 2011
(Year of hire)

Administrative Staffing

Chief Mike Eads (86)
Administrative Assistant Mari Mallory (99)

Training Officer/Firefighter Scott Maness (11)*

A-Shift

Cpt. Brad Morris (92)
Lt. Adrian Hitchcock (02)
Eng. Tim Duncan (02)
Eng. Beau Davis (05)
Eng. Derek Williams (05)
Eng. Dustin Wright (11)
FF Gregg Lee (11)*
FF Travis Bracht (11)*

B-Shift

Cpt. Jim Ledford (97)
Lt. Roy Haskett (02)
Eng. Mark Solomon (02)
Eng. Kyle Rogers (03)
Eng. Wade Sterling (04)
Eng. Charles Colvin (11)*
FF Kurt Williams (11)*
FF Daniel James (11)*

C-Shift

Cpt. Bret Smith (91)
Lt. Al Cervantes (95)
Eng. Bryan McCutcheon (01)
Eng. Ryan Bogle (05)
Eng. Eric Brodie (08)
Eng. Heath Crowder (11)*
FF Chris Rogers (11)*
FF Jacob Pim (11)*

*SAFER Grant Funded Full Time Positions

Paid-per-Call

Firefighter John Edsell (81)
Firefighter Steffen Wiest (11)
Firefighter Derek Lawrence (11)



The Fire Service is a noble calling, one which is founded on mutual respect and trust between firefighters and the citizens they serve. To ensure the continuing integrity of the Fire Service, the highest standards of ethical conduct must be maintained at all times.

Response area of the department is approximately 93 square miles, which includes:

City of Neosho

District A-Inside City limit, north of South Street

District B-Inside City limit, South of South Street

Neosho Area Fire Protection District

District C-Area outside City of Neosho

Limits: Iris Road on the north, Goldfinch on the west, AA Highway on the south, and Panda Road on the east. District lines follow section lines where no roads are located.

Mutual Aid (M/A)

Assistance requested from and provided to all local fire or other agencies that request personnel, equipment, or special assistance from the fire department. Department also participates in the State Wide Mutual Aid assistance program when requested if resources and personnel are available.

Equipment Operated by the Fire Department: (year of vehicle)

City:

2 Engines (1999 & 1987)
1 Reserve Engine (1979)
1 Aerial-75 Ft. (1996)
1 Light rescue (2008)
2 Service units-pickup truck, & hydrant (1999, 2000)
1 Command vehicle-Staff (2006)
1 Educational trailer (CARE)

District:

2 Engines (2009 & 1995)
1 Reserve Engine (1997)
2 Tankers (1999 & 2000)
3 Brush trucks (2001, 2006, 2009)
1 Light rescue (2005)
1 Command vehicle (Chief) (2009)
1 Cargo trailer

County Supplied Vehicle (2001)-Air Unit 1 is a Mobile Air Supply unit purchased through a joint agreement of the Newton County Fire Departments and Newton County Commission. (Pickup used to supply breathing air for firefighters during emergencies.) Area departments share cost of operations of this equipment.

Homeland Security Equipment operated by fire department- In September 2008, the City of Neosho Opted out of this program due to funding available to support the program. In January 2010, we closed out funding from Missouri's Homeland Security Regional Response System (HSRRS) program funds. Teams retained all equipment received through the program. Unencumbered funds were reallocated to the Regional Homeland Security Oversight Committee. Team was comprised of members of the Neosho Police (Law Enforcement), Neosho Fire (Haz-mat), and Newton County Ambulance District (Medical). Equipment has been used to support local and mutual aid operations when requested or Regional or State Responses when called for. Primary mission of the Neosho Haz-Mat Team was to support other Regional and State teams during times of emergency. Equipment listed consists of Hazardous materials and Decontamination Equipment used by the Neosho Fire Department HSRRS.

3-Prime equipment Movers (F250, F-550, and Bobcat loader)
1-28 foot Cargo Trailer-Hazardous Materials Equipment
1-20 foot Cargo Trailer-Equipment Mover
1-16 foot Flatbed Trailer-Equipment Mover
4-ATV's with Trailers and Carts-Equipment Movers
Assorted logistical support equipment (Sheltering tents, generators, heating system, etc).
Neosho Police and Newton County Ambulance District also received specialized equipment through the program.
Equipment issued to and purchased for the team through the Homeland Security Program was in excess of \$410,000.

Vehicle Maintenance and Service

Due to the nature of the services the fire department provides, the task of proper operation and maintenance of all equipment is of utmost importance. The maintenance programs of the department consist of daily, weekly, monthly, six-month and annual service. Records are maintained on all apparatus and motorized equipment. Minor service and repairs, such as oil changes, adjustments to vehicles, and equipment are performed by duty personnel or individuals within the department that have been factory trained in maintenance procedures on specific equipment. These would include major repairs, computerized diagnostics on apparatus engines and electrical equipment, air sampling and service of Self Contained Breathing Apparatus and their air cylinders. Our annual ISO testing of pumpers, aerial, and ground ladders are performed by an outside vendor since the department does not have proper equipment for these types of testing. NFPA recommends an outside testing source as well. We do attempt to schedule and offer these testing requirements to other departments within our area to help with reducing the cost to all departments for these services.



Fire Department Response Information

Calls by District

District A (570) =42.09%

District B (368) =27.17%

District C (351) =25.94%

Mutual Aid (65) =4.80%

Yearly Average Response Time (from receiving alarm to arrival) (Fire calls only)

City: 5 minutes and 10 seconds

District: 9 minutes 47 seconds

Average Response Time (From receiving alarm to arrival) (Fire calls only)

Jan. 1 to April 30

City: 6 minutes and 0 seconds*

District: 10 minutes and 30 seconds*

Average Response Time (From receiving alarm to arrival) (Fire calls only)

May 1 to December 31

City: 4 minutes and 45 seconds*

(1 minute and 15 seconds quicker)

District: 9 minutes and 23 seconds*

(1 minute and 7 seconds quicker)

*The average times shown above show the difference between the time frame during the lay-off and after the return of personnel. The response times were 20.8% quicker for the City and 11.9% quicker for the District after having staffing back to full strength.

Generally, Insurance Services Organization criteria say that a build-upon area of a community should have a first-due engine company within 1.5 road miles of the protected properties and a ladder-service company within 2.5 miles. This benchmark criterion produces an expected response time of 3.2 minutes for an engine company and 4.9 minutes for a ladder-service company, based on a formula developed by the RAND Corporation. During our last evaluation ISO awarded 2.28% of a possible 4% for Distribution of Companies.

Time Spent On-Scene

City vehicles: 507:07 hours of time on-scene

District vehicles: 307:35 hours of time on-scene

Man-hours by District (Man-hours=number of personnel responding X length of call) (From receiving alarm till apparatus and equipment are returned to service)

District A and B (City 938 calls for service) = 2,013.68 man hours

District C (District 351 calls for service) = 1,719.97 man hours

Mutual Aid (Outside City and District 65 calls for service) = 745.52 man hours

Average Response Turnout (Personnel On-scene of structure fires only)

January 1 to April 30, 2011 (During layoff or reduced personnel time period)

District A and B (City total incidents-9) Average turn out per incident -6

District C (District total incidents-10) Average turn out per incident-7

May 1 to December 31, 2011 (With SAFER funded personnel numbers)

District A and B (City total incidents-18) Average turn out per incident-9

District C (District total incidents-19) Average turn out per incident-9

ISO evaluations recommend 10 personnel for structure alarms

Major structure incidents, with over \$5,000 fire department estimated loss:

January	City-811 S. Wood-\$70,000 City-336 S. Ripley-\$10,000 District-17430 Ibex-\$25,000
February	City-651 Industrial-\$120,000 City-750 Field-\$100,000
March	City-319 St. John-\$11,000
May	City-326 S. Ripley-\$7,000
June	City-1418 Bus. Highway 71-\$9,000
July	City-1107 Hearrel-\$30,500 City-417 S. Washington-\$8,500 City-418 Fairground-\$78,000 Dist-17830 Locust-\$10,000 Dist-17282 Locust-\$6,000
August	Dist-13691 Quince-\$10,000 Dist-AA and Jaguar-\$10,000 Dist-11327 Jute-\$72,000 Dist-14083 Newt-\$10,000 Dist-11587 Gateway-\$10,000
September	City-750 Field-\$95,000 Dist-10800 Oddie-\$18,500* Dist-10800 Oddie-\$21,000* (Structure and vehicle)
October	City-610 College-\$8,000 Dist-13375 Newt-\$6,500* Dist-13375 Newt-\$15,000* (two vehicles)
November	City-409 Jefferson-\$25,000 Dist-18539 Kodiak-\$10,000
December	Dist-9647 Norway-\$49,000 Dist-14079 Hammer-\$20,000

*One call with multiple exposures (Example-2 vehicles, 2 structures or 1 vehicle, 1 structure)

We responded to 166 calls for service that were logged as a fire and of that number we had an estimated dollar lose amount of \$688,525. This number reflects all calls where there was a reported loss of any amount. (Estimates for dollar loss are just an estimate from fire personnel on scene)

Fire related injuries or deaths (Civilian or Fire Personnel)

0-Civilian deaths in the City or District

0-Civilian injury in the City or District

0-Fire personnel deaths in the City or District

0-Fire personnel injury in the City or District

Fire Department Manning/Personnel:

During our last ISO review in 1999, manning consisted of 22 fulltime personnel: 2 Chief Officers, Fire Inspector, 3 Captains, 3 Lieutenants, 12 Engineers and 1 civilian. At that time the department had 8 paid-per-call Firefighters.

ISO awards credit for the total number of members' on-duty: staffing is taken as a yearly average considering vacations, sick leave, and other absences. ISO gives credit for off-duty paid members and paid-per-call members responding on first alarms. At that time our department received 3.27 points of a possible 15 points for company personnel and minimum manning was five on-duty personnel. Credit for off-duty and paid-per-call personnel only counts 3 for every 1 on-duty. If we had 18 personnel off duty or paid-on-call personnel show up for a call we would receive credit for 6 personnel per ISO.

There are several areas that ISO looks at on top of personnel. They are equipment such as fire department apparatus numbers, pumping capabilities, training, distances from fire stations, water system capabilities, roads and dispatching.

A ¼ cent Sales Tax was passed in 2001 and with that the department was able to hire 6 fulltime firefighters and 1 full time Training Officer. The tax was estimated to support the purchasing of new fire apparatus, an additional 3 full time firefighters and the future building of additional fire stations. The tax generated enough only to hire the 7 personnel mentioned above, still 3 personnel short along with new apparatus and future additional fire stations left unfunded.



2011 in Review:

SAFER Grant-We applied in late 2010 for a SAFER grant to fund personnel that had been laid off due to budget constraints within the City. We received word in February that we had been approved for the SAFER grant to fund 9 personnel for 2 years. The shift personnel returned starting May 1 which brought our staffing back to pre lay off times.

This assisted us in reinstating several programs to include: responding to EMS calls, community education, fire prevention programs and staffing of both stations reducing the time frame to respond to a call.

Tri-Sate Fire Recruitment Alliance-This program allows individuals interested in the fire service to test only one time per year for all departments participating in the program. There are currently sixteen fire departments participating in the program with several others looking at joining during the 2012 year. This allows us to have a set standard for testing and a hiring list when or if the need arises to hire personnel.

Annual Pump Testing-Annual testing of all apparatus pumps. Several problems found, some repairs made, some repairs on hold due to cost.

Annual Ladder Testing-Annual testing of all ladders. No problems found this year.

Community Events-Personnel assisted with several organizations for fund raising and community assistance programs. Newton County Fire Chiefs Christmas for Kids, Shop with a Cop, Food Basket Brigade, Neosho Christmas Parade, Neosho School System events, Newton County Relay for Life, numerous other city and chamber events and filled numerous dunk tanks.

Neosho Area Fire Protection District- During the 2010/2011 budget year the District funded 2 personnel. They continue to support the department as funds allow.

Fire Training-During 2011 personnel participated in 283 in-house training subjects and many other individual subjects totaling 884.8 hours of classroom and hands-on training.

Community Training-83.5 hours of public education was performed during the year, that consisted of extinguisher training, school fire prevention programs, fire safety talks for businesses, industry and the public. A majority of this service was provided after the return of personnel in May with the SAFER grant.

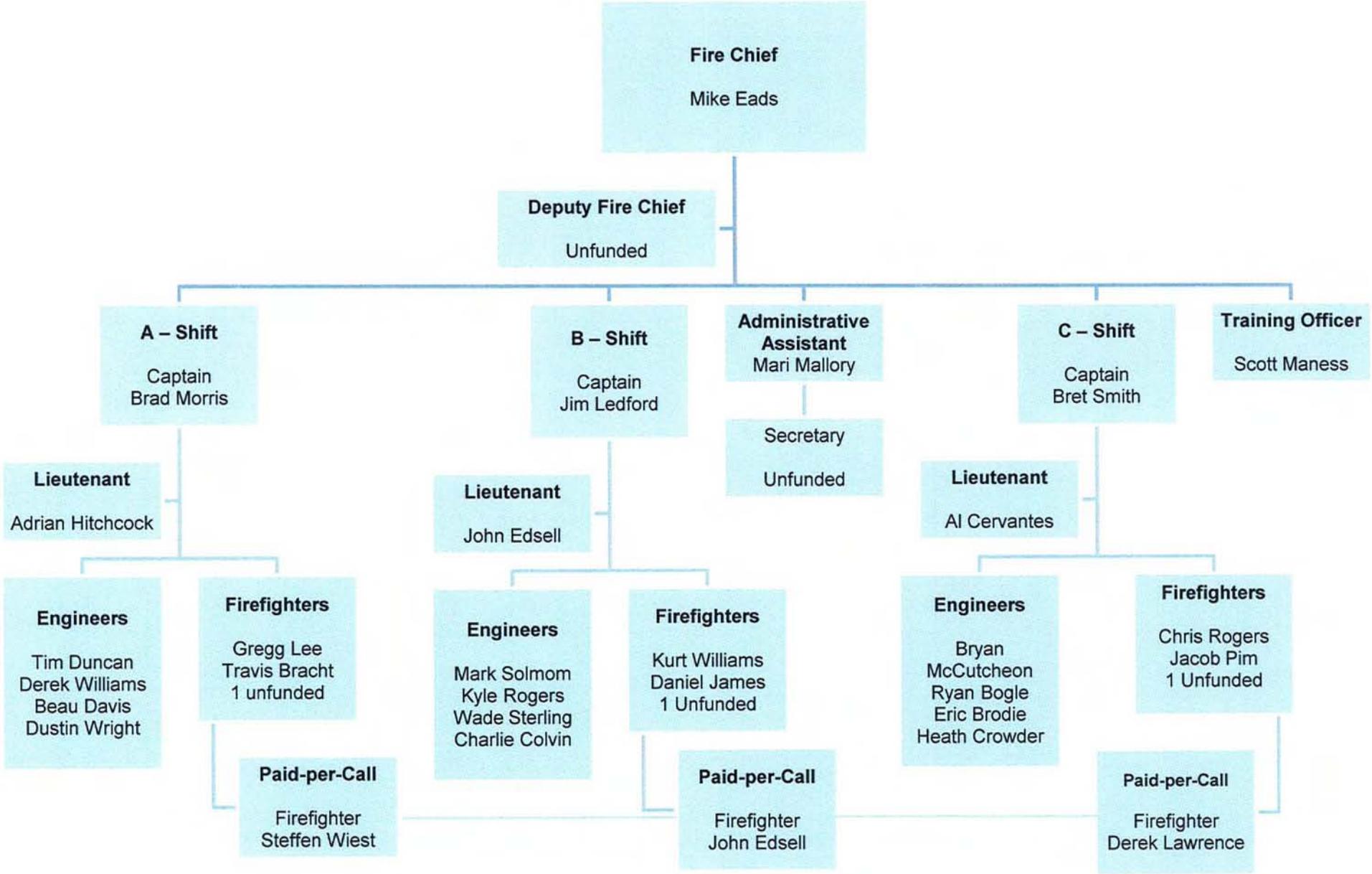
Joplin Tornado-The Neosho Fire Department responded to Joplin for assistance after the tornado left a path of destruction thru the middle of Joplin. We sent one crew up within minutes of the tornado where they assisted with triage and rescue operations in the area of St. Johns Hospital and South Main St. Once additional personnel arrived at the stations and the weather had cleared for us, we responded additional personnel with them being assigned across a wide area from Maiden Lane to Connecticut. We had personnel in Joplin throughout the night and they were released the next morning when fresh reinforcements arrived from outside the area. During the next several days we were once again called upon to assist with search and rescue operations.

Inspections-525 inspections where preformed during the year, those include Business/Company/Industry, new construction, remodels, tent, fireworks, and burn permits.

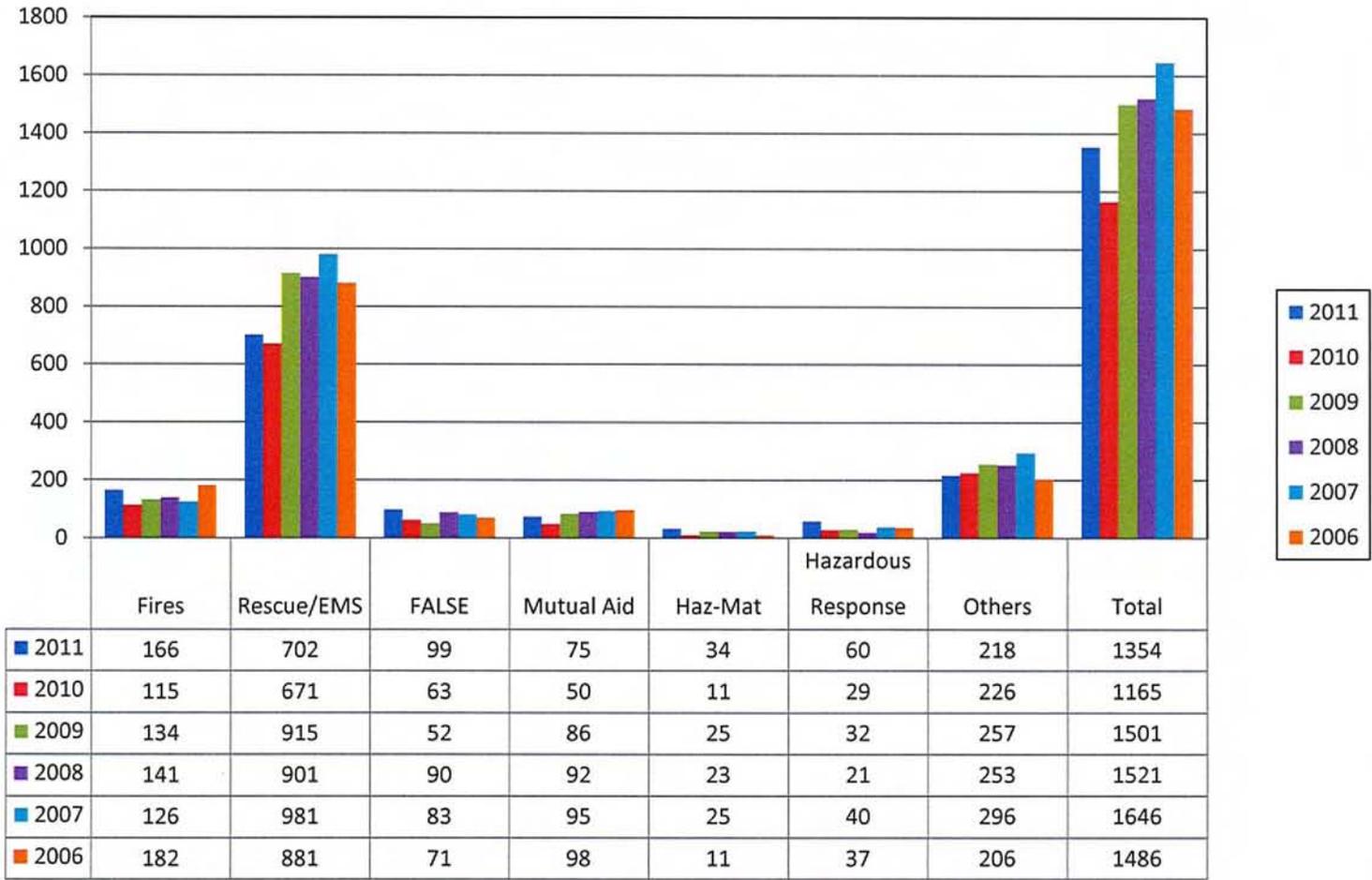
Brown Outs (Temporary closing of a fire station)-During the last 5 months of 2010 and the first 4 months of 2011 we were at reduced staffing due to the lay-offs. It was during this time frame that the possibility of the closing of Station 2 would occur if manning fell below the minimum needed to man it safely because of City budget issues. The station was closed only once during this time frame. Whenever possible personnel was shifted or moved from station to station and shift to shift to cover, preventing more closings. This was done to reduce the cost of overtime and prevent being short or going over in the budget.

AFG Grant-The last part of 2010 we applied for an AFG grant. This grant if approved will help us update much needed equipment, such as a new pumper, extrication equipment, gear and tools. We have passed the initial phase of the grant process and hopeful that we will be approved this year.

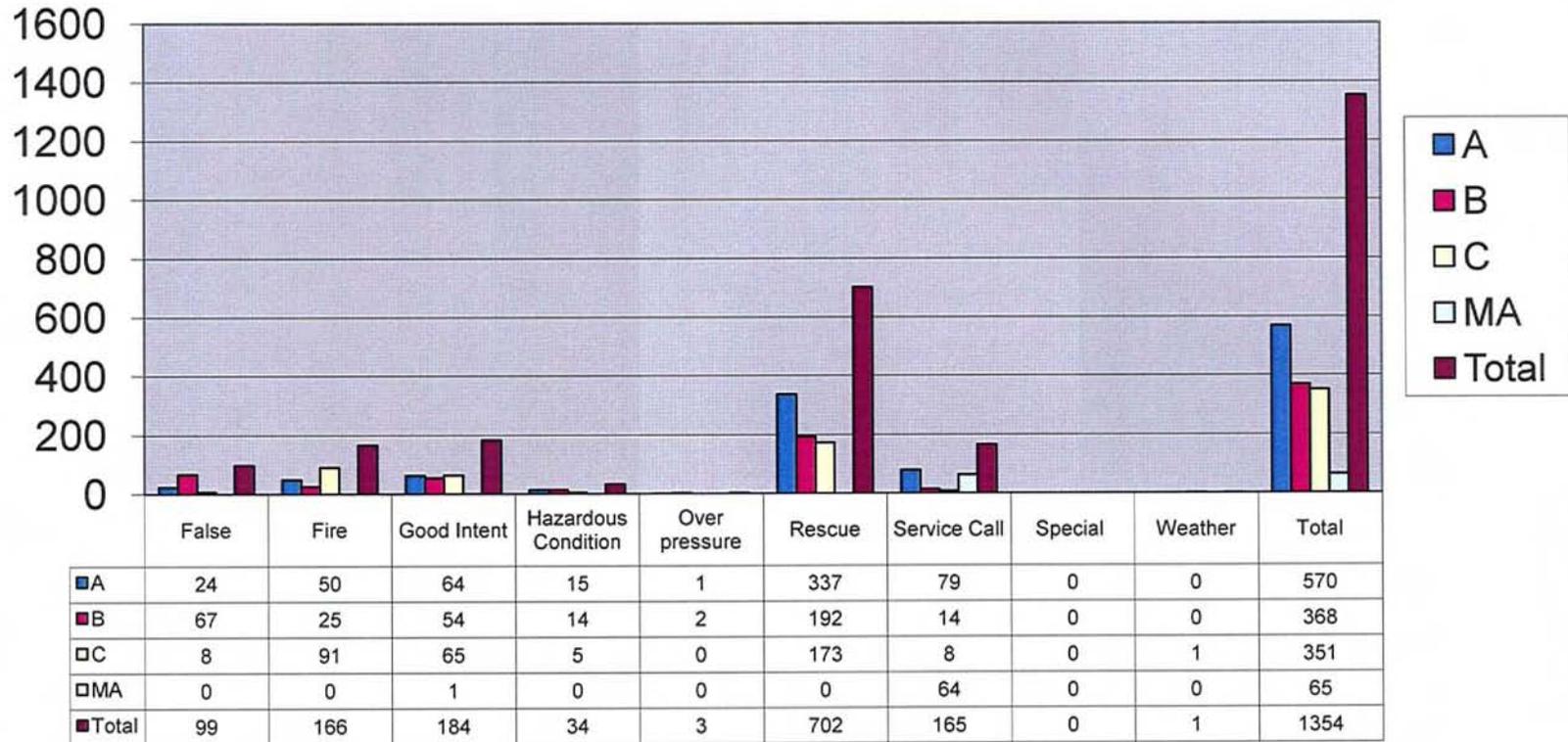
Our goal for the this year and into the future is to secure funding to keep the personnel we have when the SAFER grant runs out and to update equipment so we can provide the best fire protection for our citizens. On top of making sure we have the personnel needed to safely control a fire scene, we need to look heavily at replacing our aging fleet. We must consider replacing our fleet with apparatus and equipment that works properly and reduce cost on maintenance issues that can hamper our response times and ability to suppress a fire or rescue a trapped victim. The risk to our personnel and the community is of the utmost importance to the city to make sure we can provide apparatus and equipment that keeps our personnel safe when operating and assisting our citizens in making this community a safe place to live.



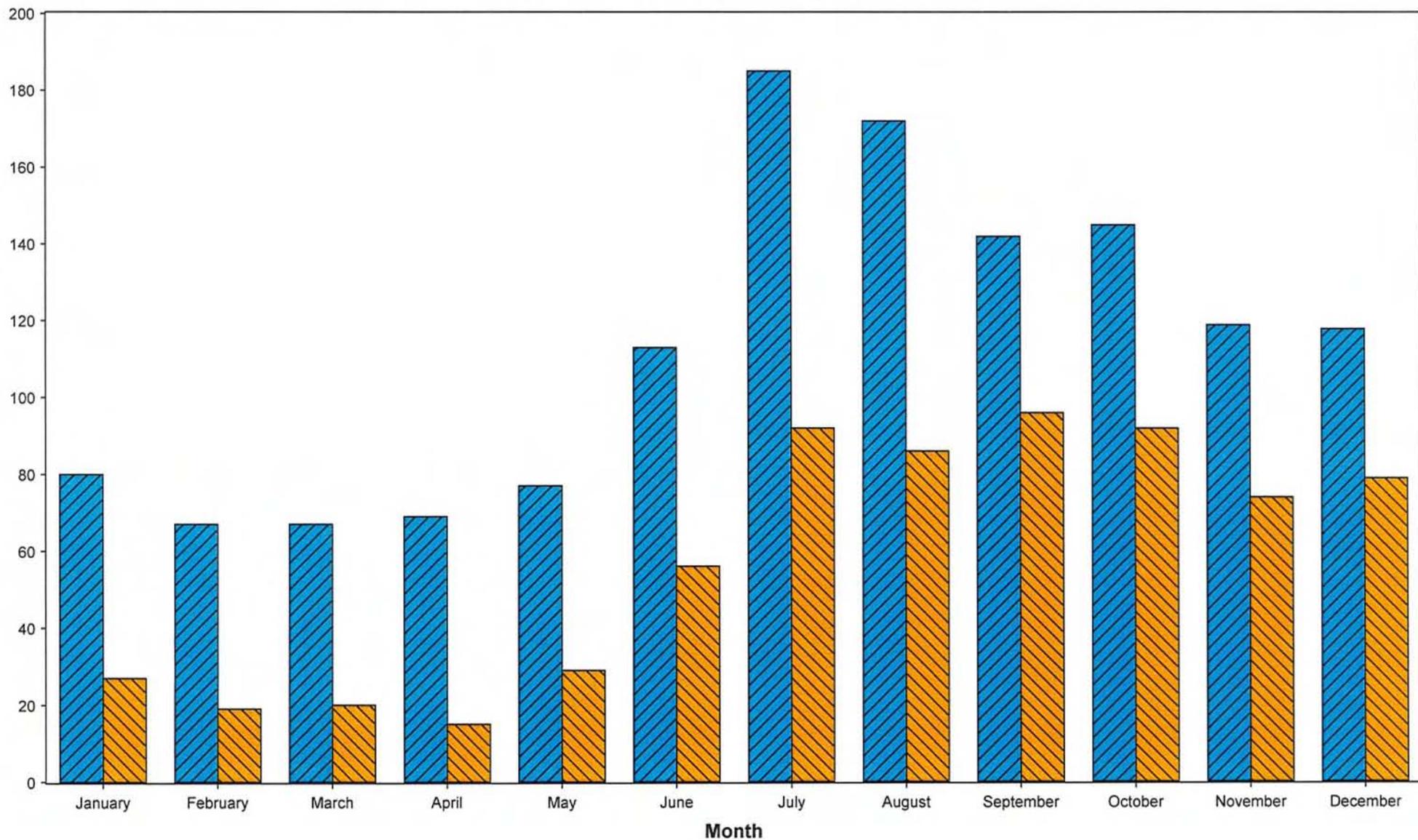
Call Numbers 2006-2011



2011 Incident Type Summary by Districts

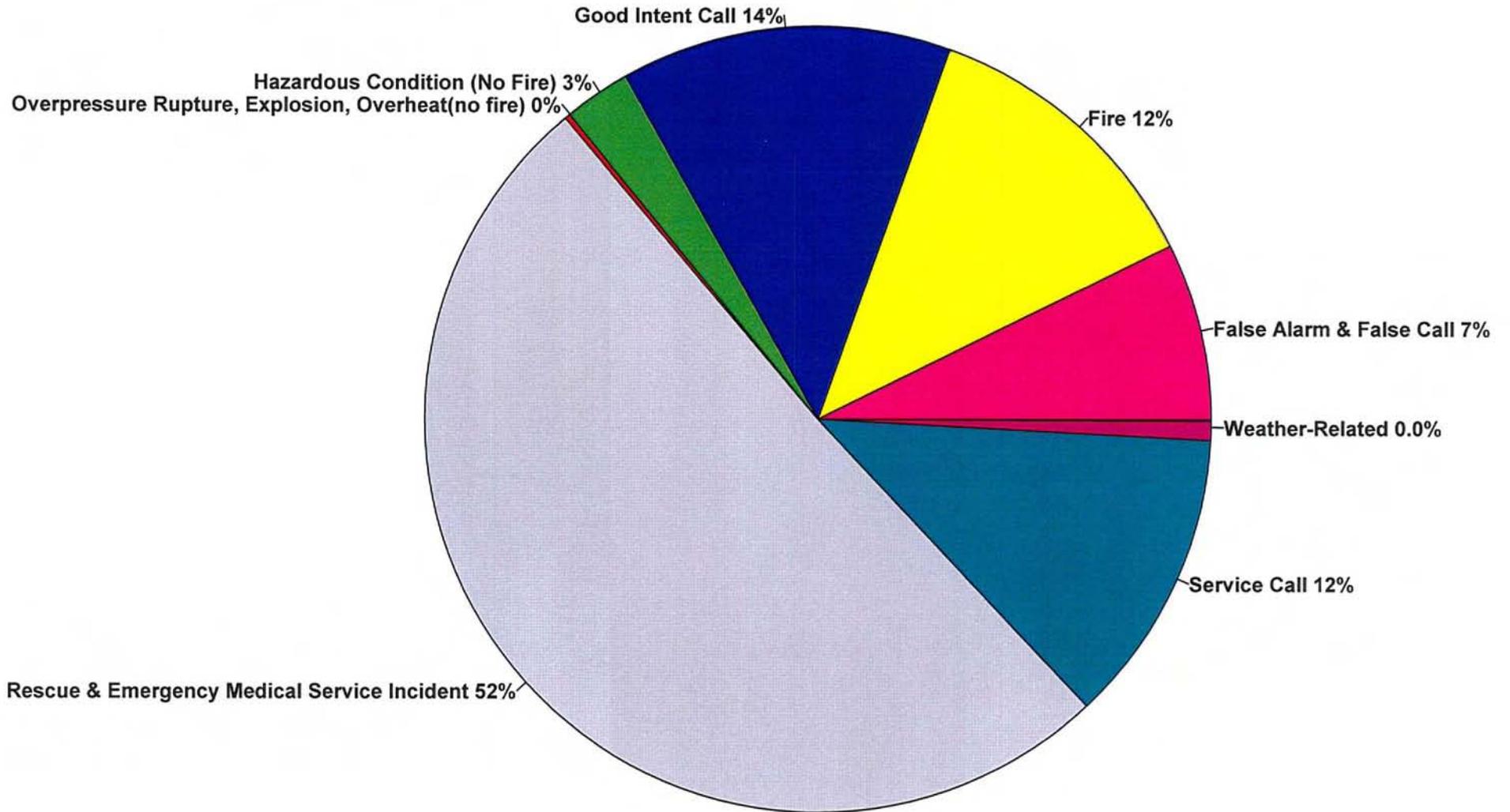


Fire vs EMS by Month
Fire Alarm Date Between {01/01/2011} And {12/31/2011}
EMS Alarm Date Between {01/01/2011} And {12/31/2011}

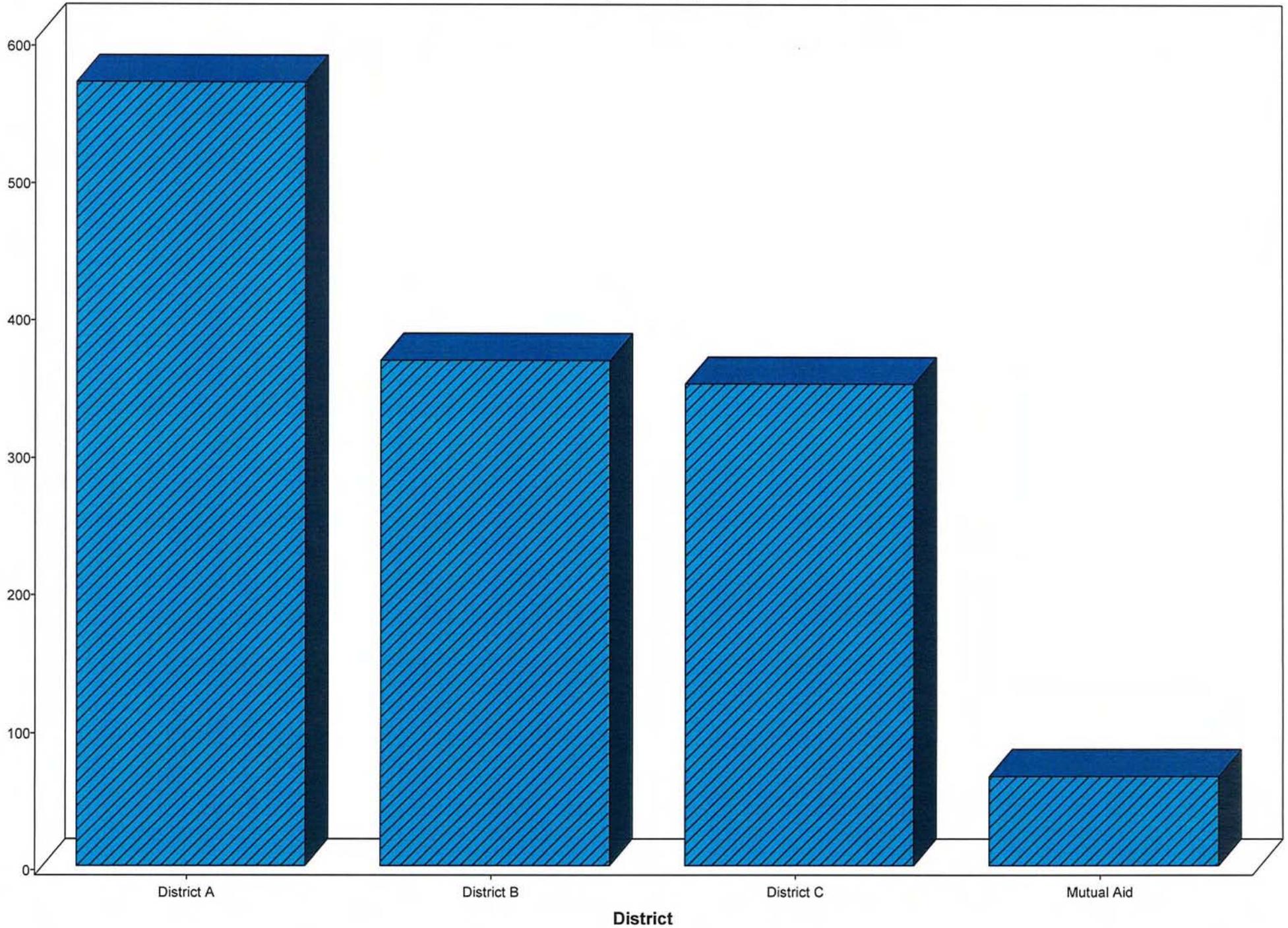


Fire Count
EMS Count

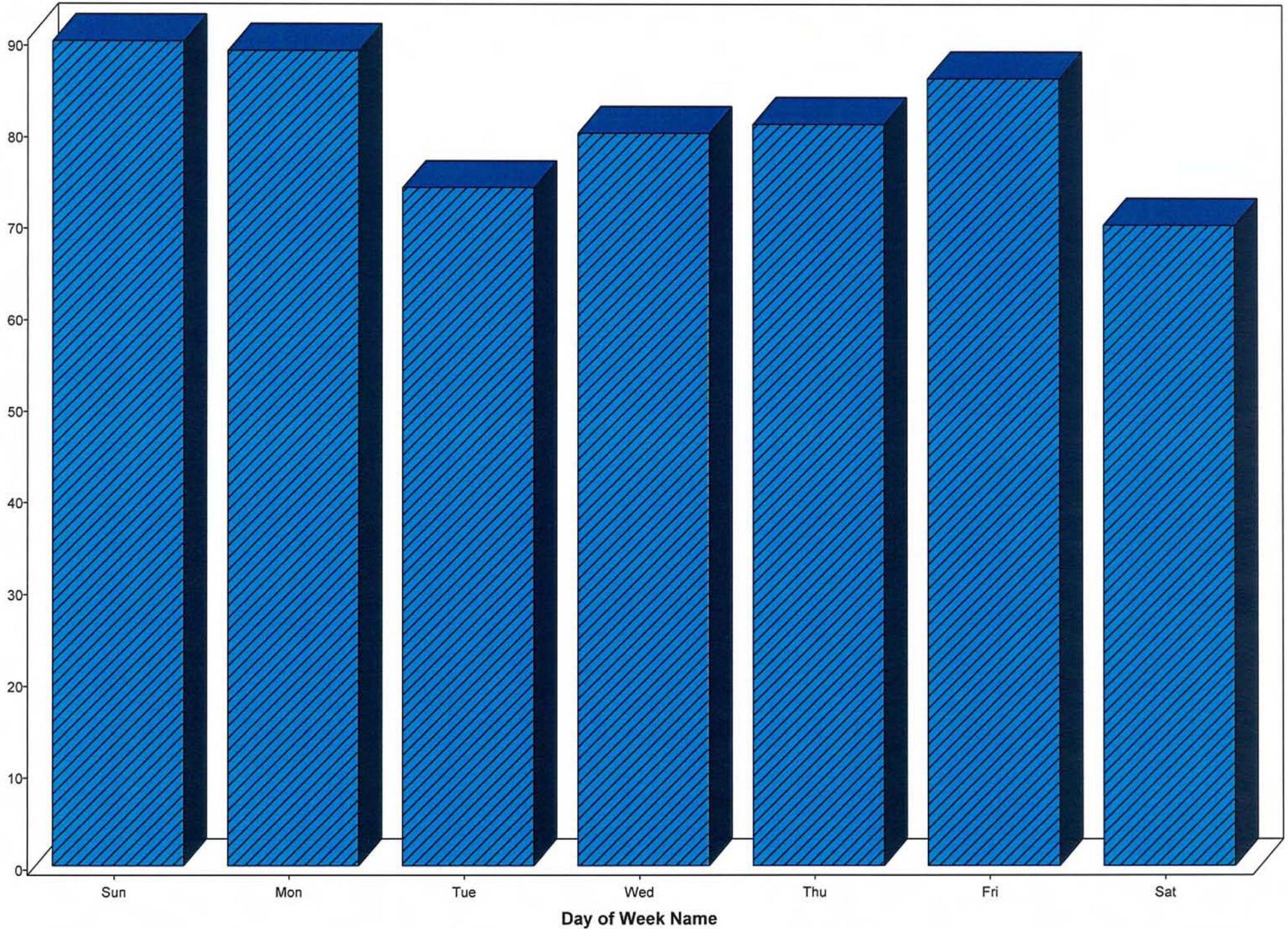
Incident Type Summary
Alarm Date Between {01/01/2011} And {12/31/2011}



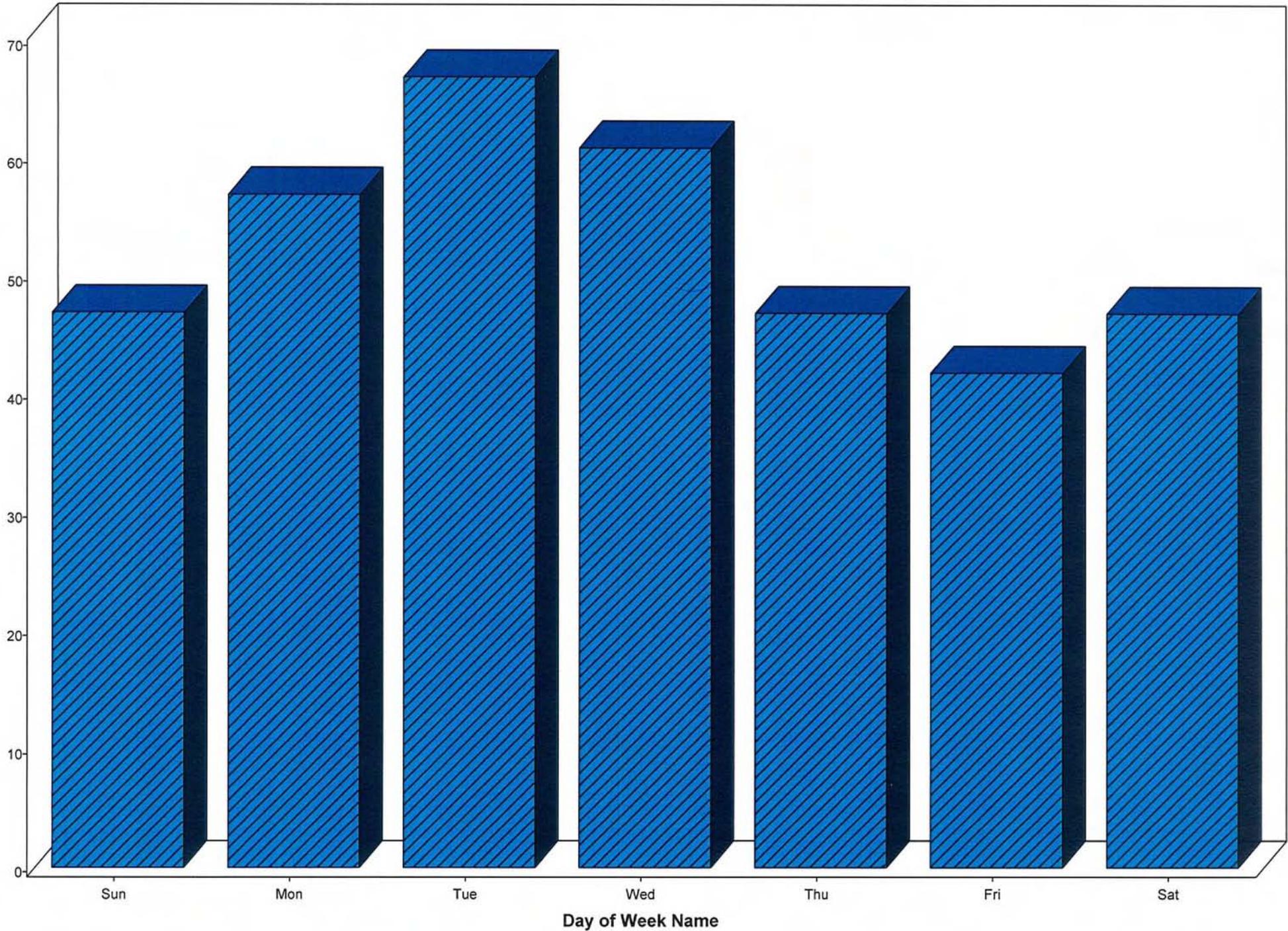
Incidents by District
Alarm Date Between {01/01/2011} And {12/31/2011}



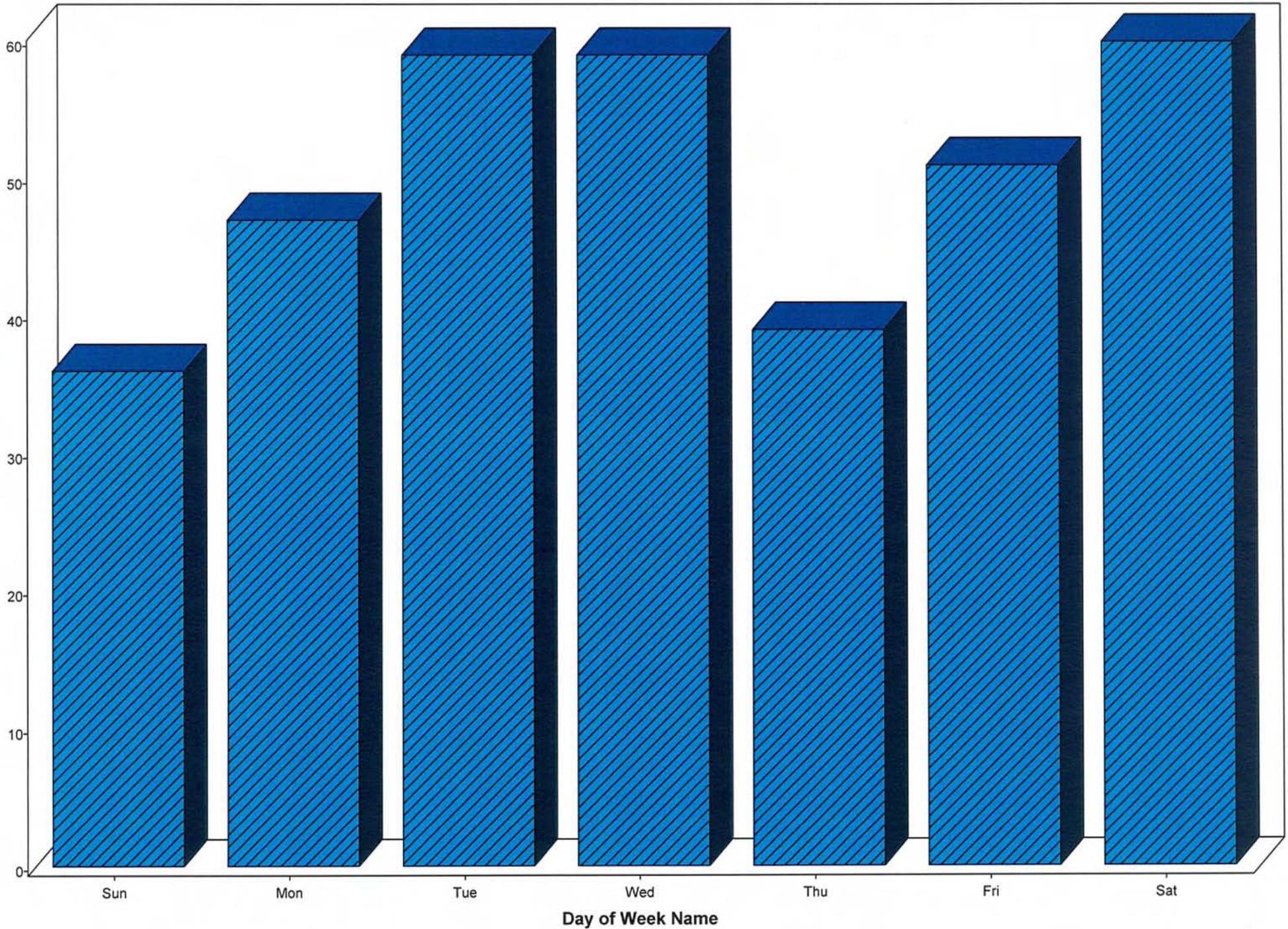
Incident Responses by Day of Week
Alarm Date Between {01/01/2011} And {12/31/2011} and District In "A "



Incident Responses by Day of Week
Alarm Date Between {01/01/2011} And {12/31/2011} and District In "B "



Incident Responses by Day of Week
Alarm Date Between {01/01/2011} And {12/31/2011} and District In "C "



Incident Responses by Day of Week
Alarm Date Between {01/01/2011} And {12/31/2011} and District In "MA "

