

Grandville Fire Department

2014 Annual Report





FIRE DEPARTMENT
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March, 2015

Mayor Maas, Members of the Grandville City Council and Citizens of the City of Grandville:

As your Fire Chief, it is my privilege to present you with our Annual Report of Fire Department activities for calendar year 2014.

2014 was another busy and exciting year for your Fire Department. Our overall call volume was consistent with 2013 when we experienced a 10% increase in total responses. The extremely harsh winter that we experienced presented us with some unique challenges along the way.

You continued to receive efficient and effective services from our members who, along with our mutual and automatic aid partners, saved 85% of the over \$1.5 million in property that was at risk from structure fires. We were also busy with responses to medical emergencies, training, inspections, prevention programs and other activities in our community. You will find more information about these activities in the pages that follow.

None of this would be possible without the support I receive from the other city departments and their leaders, or without the dedicated and committed staff of career and paid-on-call Firefighters that I am honored to command.

We genuinely appreciate the continued support that we received from both our elected officials, community groups and citizens over the past year.

Respectfully Submitted,

Michael W. May
Fire Chief

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Personnel

Three of our long time paid-on-call personnel retired in 2014:

In July, Lt. Scott Johnson retired after 32 years of outstanding service to the City. Among his many accomplishments, Lt. Johnson was our Firefighter of the Year in 1991.

Firefighter/MFR Kevin Clark retired in October after 7 years of service with our department. Kevin was a career Fire Lieutenant with the City of Wyoming and we benefited greatly from his experience and expertise.

On November 1st, Firefighter/MFR Tony Grandy retired after 28 years of dedicated service. Tony was our Firefighter of the Year in 1999 and was very active in our fire prevention and education programs over his career.

All three retirees have been very important to our department's success during their years of service and will be greatly missed. We wish them and their families all a long, happy and healthy retirement!

Also departing in 2014 were Firefighter/EMTs Kevin Maday and Matthew Tanner. Kevin and Matthew both moved out of our response area and resigned. We thank them for their service and wish them the best in their future endeavors.

We also added to our ranks in 2014. Jordan Door, Joseph Flagstadt, Bradley Howe, Allison Merchant and Michael Schuiling were all hired as paid-on-call Firefighters in the fall. Jordan and Joseph were certified prior to joining our department while Bradley, Allison and Michael are currently attending the Firefighter I & II Academy in Walker with an anticipated graduation in April of 2015.



Scott Johnson and Grandkids



Kevin Clark and Family



Tony Grandy and Grandson

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Current Personnel

Full Time Members

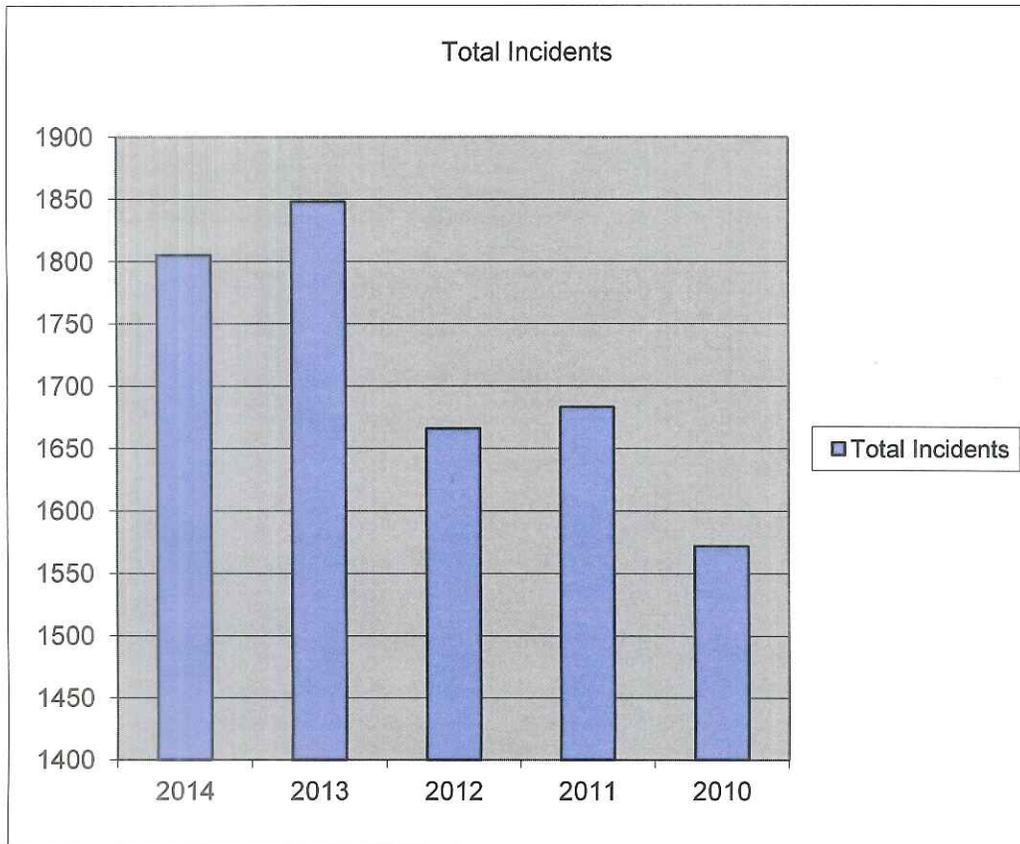
Michael May, Fire Chief (24 Years of Service)
Lynnae White, Fire Marshal (16 Years of Service)
Lt. Scott Veldman, Training Officer (17 Years of Service)
Tom Blake, Firefighter/EMT (13 Years of Service)
Tom Datema, Firefighter/EMT (24 Years of Service)
Kevin McNutt, Firefighter/EMT (17 Years of Service)
Kevin Newman, Firefighter/EMT (16 Years of Service)

Paid-on-Call Members

Ryan Austhof, Firefighter/EMT (3 Years of Service)
Brian Ciluffo, Firefighter (3 Years of Service)
Marcus DeRuyter, Firefighter (13 Years of Service)
Jordan Door, Firefighter
Richard Dwarshuis, Firefighter/EMT (23 Years of Service)
Joseph Flagstadt, Firefighter
Bret Groendyke, Lieutenant (12 Years of Service)
Bradley Howe, Firefighter Trainee
James Keranen, Firefighter (3 Years of Service)
Jay Kwiatkowski, Firefighter/MFR (9 Years of Service)
Marc Larabel Jr., Firefighter (10 Years of Service)
Gary Loew, Firefighter/EMT (5 Years of Service)
Vanisa Martsolf, Firefighter/EMT (3 Years of Service)
Dennis McCrum, Firefighter/EMT (3 Years of Service)
Allison Merchant, Firefighter Trainee
Kevin Pasma, Lieutenant (20 Years of Service)
Mark Perkin, Lieutenant (20 Years of Service)
Wil Rouster, Firefighter (3 Years of Service)
Michael Schuiling, Firefighter Trainee
Justin Stadt, Firefighter/EMT (7 Years of Service)
Dan Stuk, Firefighter/EMT (11 Years of Service)
David TerBeek, Firefighter (17 Years of Service)
Dale VanKley, Firefighter (30 Years of Service)
David Verstraete, Firefighter/EMT (3 Years of Service)
James Walker, Firefighter/EMT (21 Years of Service)
Matthew Young, Firefighter/Paramedic (5 Years of Service)

Total Incidents

Your Fire Department responded to a total of 1,805 incidents in 2014, which represented a very slight decrease (44 calls) from our record breaking year in 2013. Most, if not all, of this slight decrease in volume can be attributed to staffing changes made by the City of Wyoming Department of Public Safety which resulted in a decrease of more than 50% in the number of mutual aid responses we made into their city.



Significant Incidents and Events

The unrelenting snowfalls during the winter of 2013/2014 eventually left us with most of the fire hydrants in the city buried in snow banks. Because of the high call volumes that were also



associated with the weather, our personnel were unable to keep up with clearing the hydrants and we enlisted the help of our Chamber of Commerce who organized "Operation Fire Hydrant Cleanout Day" on February 8. Working alongside our Firefighters, several citizens volunteered their time and spent the morning clearing snow from fire hydrants in our neighborhoods.

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On February 12, the homeowner at 4017 Wilfred called 9-1-1 to report that his house was filling with smoke from an unknown source. Firefighters located a fire in the void space between floors of the home that they were able to confine to the area of origin, and the home sustained very minor fire damage. Investigators determined that the fire was electrical in nature.

In the early morning hours of February 18, the Grandville Police Sergeant on duty went to the Fire Department seeking help as he was not feeling well. The Firefighter/EMT on duty was able to determine that the Sergeant was suffering from carbon monoxide poisoning which was also found to be affecting two other Police Officers on duty at the time. Medical attention was provided to the stricken officers and additional Fire Department resources investigating the potential sources of the poisoning found the entire Justice Building to be charged with extremely unsafe levels of carbon monoxide. The buildings Heating Ventilation and Air Conditioning (HVAC) system was found to be the presumed cause of the issue. The HVAC system was shut down and the building was ventilated until the carbon monoxide levels were safe. The cause of the incident was determined to be a "perfect storm" combination of weather conditions, piles of snow outside of the facility and design issues with the HVAC system.

On February 20 at around 9:00 PM we were dispatched to a fire alarm at the Padno's recycling facility on Viaduct St. Arriving personnel found that the alarm had been caused by a partial collapse of the roof due to the weight of the accumulated snow. Because of the time of day, only a handful of workers were on site at the time and all escaped injury.

On the 5th of March, Chief May was presented with a \$1,500 donation from the Walmart Foundation as part of the Grandville Walmart's Grand Re-Opening ceremony. These funds were put to use in our fire prevention and safety programs that are presented throughout the community. Our heartfelt thanks go out to Walmart for their continued support.

On April 9, a fire alarm was received from TGI Fridays in the Rivertown Crossings Mall. Responding Firefighters located a fire in the wall space behind one of the grills in the kitchen and were able to quickly extinguish it. The fire was confined to the area of its origin and only minor damage was sustained. Investigators determined that the likely cause was a buildup of grease behind the grill that became heated and ignited.



Careless smoking resulted in the loss of two unattached garages on Homewood Street on April 20. A visitor at 3151 Homewood left a hot pipe that he had been smoking in the garage, and then went into the basement of the home. The resulting fire went undetected for an extended period of time and the garage; along with the neighbor's garage at

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3161 Homewood, were both total losses. Both adjacent homes as well as a garage on Gable Street also sustained damage from the heat and flames.

On May 29, just after 6:30 PM the Steak and Shake restaurant at 4360 Kenowa called 9-1-1 to report a fire in their kitchen. Arriving units found heavy fire conditions in the kitchen. The fire was extinguished before it was able to spread to other parts of the structure. Investigators determined that a component in one of the fryers had failed resulting in the fire that originated between the wall and the fryer eventually igniting the oils in the fryer.

Our largest fire incident of the year occurred just before 9:00 PM on June 2, at 3727 Yellowstone. The homeowner was working in his garden when he looked back toward the house and noticed heavy smoke coming from the attic. He was able to evacuate his daughter, wife and several pets prior to the Fire Department arriving. Firefighters entering the home were forced outside into a defensive posture when they determined that the entire attic above them was heavily involved in fire. Unusual



construction characteristics of the home, along with the presence of hundreds of sheets of particle board stored in the garage and attic, caused the firefighting operations to go on for several hours. The attached garage and an apartment addition to the home were both total losses; however, the main living area of the home, which contained many of the family's belongings, was not significantly damaged by fire. Investigators determined that the fire was caused by a failure of the bathroom fan and subsequent electrical arcing in the attic above the bathroom located in the addition apartment.

At approximately 10:00 AM on October 21, the resident at 4787 Ravenswood smelled something burning, but was not able to locate the source. Roughly 20 minutes later, she found that the outside wall of her apartment was burning and called 9-1-1. At about that time, an alert neighbor and a landscaping crew working nearby also noticed the flames. They located a garden hose and knocked the bulk of the fire down just as it was reaching the roof and attic. Responding Firefighters extinguished the remaining flames and, largely thanks to the actions of the neighbor and landscaping crew, no significant damage was sustained to the interior of the structure. Investigators determined that the only heat source in the area of the fire's origin was the electrical wiring leading to the exterior light on the building.

A passerby walking their dog called 9-1-1 just after 10:00 AM on October 25, to report a fire at 4189 Blackfoot. Firefighters located and extinguished a fire in the kitchen of the home and rescued a dog and cat from the heavy smoke conditions. When they returned home, the residents advised investigators that they had set the timer on their dishwasher to run after they

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had left. The fire was determined to have originated in the dishwasher; however, it was too heavily damaged to pinpoint an exact cause.

2014 ended on an extremely positive note when we were notified that a \$97,955 grant application made by the City of Wyoming to fund a collaborative ice and water rescue team between the Grandville, Kentwood and Wyoming Fire Departments was approved by the state. The equipment will be procured and training will occur in 2015.

Rescue and Emergency Medical Services

Seventy percent of our total call volume in 2014 was for medical emergencies. Our full time personnel handle these responses in our SUV Medical Squads which we have found to be efficient and cost effective. When necessary, our full time staff are supported by our EMS licensed paid-on-call personnel.

Consistent with previous years, our response times to medical emergencies in 2014 were outstanding and well within established standards:

<u>Call Type</u>	<u>Average Response Time</u>
Life Threatening Emergencies	3:34
Non-Life Threatening Emergencies	3:46
Non-Emergency	5:45



Training

Your Fire Department personnel are required to engage in frequent training and professional development in order to maintain and upgrade their skills. This training is essential in keeping our Firefighters safe, effective and healthy. Highlights of our training in 2014 included being given the opportunity by the Kent County Land Bank and the First Reformed Church to practice in structures that they owned that were slated for demolition. These situations present excellent training opportunities and, along with our neighbors from the Wyoming Fire Department, we spent several hours training in each of the acquired structures. We also engaged an expert from the Autism Alliance of Michigan to train our personnel in managing emergencies where autistic persons are involved.



In addition to our in-house training, many of our members also attended specialized training, exercises and professional development conferences. These are listed below:

- **Company Fire Officer (Supervisor) Certification Pre-Requisite courses**
FF Austhof, Lt. Pasma, Lt. Perkin, FF Stadt and FF Young
- **Gerald R. Ford International Airport Full Scale Crash Exercise**
Chief May and Lt. Veldman
- **Hazardous Materials Technician for CBRNE Incidents**
FF Austhof, FF Blake, FM White and FF Young
- **Intermediate Incident Command Systems for Expanding Incidents**
Lt. Pasma and Lt. Perkin
- **Kent County Emergency Management Web Emergency Operations Center Training**
Chief May
- **Michigan Association of Fire Chiefs Winter Workshop**
Chief May
- **Michigan Association of Fire Chiefs Fall Conference**
Chief May
- **Michigan EMS Instructors Professional Development Conferences**
Lt. Groendyke, Chief May and Lt. Veldman
- **Michigan Fire Inspectors Society Education Conferences**
Lt. Veldman and Fire Marshal White

Fire and Life Safety Code Inspections and Enforcement

In order to ensure that buildings in our city are safe to occupy, and to assist the property owners in minimizing their risk of fire loss, we conduct fire and life safety inspections throughout the year. Our inspectors also respond to and investigate citizen complaints regarding fire and life safety concerns. Firefighters also visit buildings in our city in order to obtain critical information about the structures and their contents that is used in compiling pre-incident plans.

In 2014 a total of sixty six code violations were discovered and voluntarily corrected by the property owners. The only enforcement action needed in 2014 was when the owners of the strip mall at 3022 28th St. leased one of the spaces there to an amateur mixed martial arts group for an event. The event generated a complaint from a concerned citizen and the subsequent investigation found that numerous code violations had occurred. The owner failed to respond to several requests to meet with us concerning the matter, so four citations were issued charging him with a total of ten violations and the matter was turned over to our District Court.

Lastly, we are happy to report that a significant hazardous materials violation that we discovered during a routine inspection and turned over to the Michigan Department of Environmental Quality in 2013 was fully mitigated in 2014.

Fire Prevention and Safety Programs / Community Events

Your Fire Department works hard to reduce the number of residential fires and related injuries in our city. Partnering with our schools, we reach out to the children in our community with fire safety programs beginning in pre-school. Most Grandville children will have visited the Fire Department three times for programs by the time they reach the fourth grade.

Additionally, we visit block parties, events at local businesses and other community activities to promote fire safety. In 2014, forty eight separate groups attended fire safety programs at the Fire Department and we visited more than twenty five events within our community. We also host an open house every year in conjunction with fire prevention week that is always wildly popular and well attended. Our personnel enjoy these opportunities to interact with the community that supports them so well.



As a result of these efforts, we consistently have very low incidences of fire related injuries in our community.

Child Safety Seat Inspections and Installations

Safe Kids Greater Grand Rapids is an organization led by Helen DeVos Children's Hospital, which provides dedicated and caring staff, operation support and other resources to assist in keeping your children safe. Two Grandville Firefighters are trained and certified to provide inspections and installation assistance for vehicle child safety seats. In 2014, seventy eight families took advantage of these services at our department.

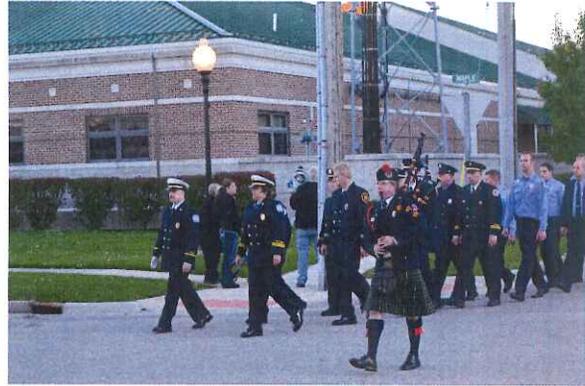
Other Community Activities

When possible, our members enjoy participating in other community events. Highlights in 2014 included:

- Several Firefighters participated in the Hop 'n Wild to Help a Child fundraiser.
- A team of fire department personnel created the first place winning scarecrow that was displayed as part of the downtown Fall Fest event.
- We were honored again to host the Silent Night Ceremony on October. This event takes place during Fire Prevention Week and honors all West Michigan fire service members who passed away in the previous year.
- Fire Department personnel participated in the Michigan Week BBQ and the annual Christmas Tree Lighting and Holiday Parade.



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Incident Type Report (Summary All Incidents)

Alarm Date Between {01/01/2014} And {12/31/2014}

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
1 Fire				
111 Building fire	16	0.88%	\$418,000	91.19%
113 Cooking fire, confined to container	4	0.22%	\$50	0.01%
116 Fuel burner/boiler malfunction, fire	1	0.05%	\$4,000	0.87%
131 Passenger vehicle fire	10	0.55%	\$21,300	4.64%
150 Outside rubbish fire, Other	1	0.05%	\$0	0.00%
154 Dumpster or other outside trash receptacle	2	0.11%	\$0	0.00%
160 Special outside fire, Other	1	0.05%	\$0	0.00%
162 Outside equipment fire	2	0.11%	\$13,500	2.94%
	37	2.04%	\$456,850	99.67%
3 Rescue & Emergency Medical Service Incident				
300 Rescue, EMS incident, other	1	0.05%	\$0	0.00%
311 Medical assist, assist EMS crew	1	0.05%	\$0	0.00%
320 Emergency medical service, other	2	0.11%	\$0	0.00%
321 EMS call, excluding vehicle accident with	1,098	60.83%	\$0	0.00%
322 Motor vehicle accident with injuries	75	4.15%	\$0	0.00%
323 Motor vehicle/pedestrian accident (MV Ped)	11	0.60%	\$0	0.00%
324 Motor Vehicle Accident with no injuries	65	3.60%	\$0	0.00%
331 Lock-in (if lock out , use 511)	15	0.83%	\$0	0.00%
352 Extrication of victim(s) from vehicle	1	0.05%	\$0	0.00%
353 Removal of victim(s) from stalled elevator	1	0.05%	\$0	0.00%
381 Rescue or EMS standby	1	0.05%	\$0	0.00%
	1,271	70.41%	\$0	0.00%
4 Hazardous Condition (No Fire)				
400 Hazardous condition, Other	2	0.11%	\$0	0.00%
411 Gasoline or other flammable liquid spill	7	0.38%	\$0	0.00%
412 Gas leak (natural gas or LPG)	14	0.77%	\$0	0.00%
413 Oil or other combustible liquid spill	1	0.05%	\$0	0.00%
424 Carbon monoxide incident	9	0.49%	\$0	0.00%
440 Electrical wiring/equipment problem, Other	9	0.49%	\$1,500	0.32%
442 Overheated motor	2	0.11%	\$0	0.00%
443 Breakdown of light ballast	1	0.05%	\$0	0.00%
444 Power line down	14	0.77%	\$0	0.00%
4441 Low voltage line (cable / phone) down	24	1.32%	\$0	0.00%
445 Arcing, shorted electrical equipment	7	0.38%	\$0	0.00%
461 Building or structure weakened or collapsed	1	0.05%	\$0	0.00%
463 Vehicle accident, general cleanup	2	0.11%	\$0	0.00%
	93	5.15%	\$1,500	0.32%

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Incident Type Report (Summary All Incidents)

Alarm Date Between {01/01/2014} And {12/31/2014}

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
5 Service Call				
500 Service Call, other	7	0.38%	\$0	0.00%
510 Person in distress, Other	11	0.60%	\$0	0.00%
511 Lock-out	7	0.38%	\$0	0.00%
531 Smoke or odor removal	4	0.22%	\$0	0.00%
542 Animal rescue	1	0.05%	\$0	0.00%
550 Public service assistance, Other	1	0.05%	\$0	0.00%
551 Assist police or other governmental agency	10	0.55%	\$0	0.00%
552 Police matter	22	1.21%	\$0	0.00%
553 Public service	2	0.11%	\$0	0.00%
554 Assist invalid	32	1.77%	\$0	0.00%
561 Unauthorized burning	22	1.21%	\$0	0.00%
571 Cover assignment, standby, moveup	4	0.22%	\$0	0.00%
	123	6.81%	\$0	0.00%
6 Good Intent Call				
600 Good intent call, Other	29	1.60%	\$0	0.00%
611 Dispatched & cancelled en route	78	4.32%	\$0	0.00%
621 Wrong location	1	0.05%	\$0	0.00%
622 No Incident found on arrival at dispatch	19	1.05%	\$0	0.00%
631 Authorized controlled burning	2	0.11%	\$0	0.00%
651 Smoke scare, odor of smoke	7	0.38%	\$0	0.00%
652 Steam, vapor, fog or dust thought to be	1	0.05%	\$0	0.00%
671 HazMat release investigation w/no HazMat	2	0.11%	\$0	0.00%
	139	7.70%	\$0	0.00%
7 False Alarm & False Call				
700 False alarm or false call, Other	12	0.66%	\$0	0.00%
710 Malicious, mischievous false call, Other	1	0.05%	\$0	0.00%
715 Local alarm system, malicious false alarm	1	0.05%	\$0	0.00%
730 System malfunction, Other	2	0.11%	\$0	0.00%
731 Sprinkler activation due to malfunction	4	0.22%	\$0	0.00%
732 Extinguishing system activation due to	1	0.05%	\$0	0.00%
733 Smoke detector activation due to	5	0.27%	\$0	0.00%
735 Alarm system sounded due to malfunction	15	0.83%	\$0	0.00%
736 CO detector activation due to malfunction	5	0.27%	\$0	0.00%
740 Unintentional transmission of alarm, Other	11	0.60%	\$0	0.00%
741 Sprinkler activation, no fire -	6	0.33%	\$0	0.00%
742 Extinguishing system activation	1	0.05%	\$0	0.00%
743 Smoke detector activation, no fire -	15	0.83%	\$0	0.00%
744 Detector activation, no fire -	8	0.44%	\$0	0.00%
745 Alarm system activation, no fire -	45	2.49%	\$0	0.00%

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Incident Type Report (Summary All Incidents)

Alarm Date Between {01/01/2014} And {12/31/2014}

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
7 False Alarm & False Call				
746 Carbon monoxide detector activation, no CO	5	0.27%	\$0	0.00%
	<u>137</u>	<u>7.59%</u>	<u>\$0</u>	<u>0.00%</u>
8 Severe Weather & Natural Disaster				
813 Wind storm, tornado/hurricane assessment	1	0.05%	\$0	0.00%
814 Lightning strike (no fire)	1	0.05%	\$0	0.00%
	<u>2</u>	<u>0.11%</u>	<u>\$0</u>	<u>0.00%</u>
9 Special Incident Type				
911 Citizen complaint	3	0.16%	\$0	0.00%
	<u>3</u>	<u>0.16%</u>	<u>\$0</u>	<u>0.00%</u>

Total Incident Count: 1805

Total Est Loss:

\$458,350

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EMS Reason for Call Analysis

Alarm Date Between {01/01/2014} And {12/31/2014}

Incident	Date	Time
Abdominal Pain		
Total Incidents for Reason		45
Allergies		
Total Incidents for Reason		11
Animal Bite		
Total Incidents for Reason		1
Assault		
Total Incidents for Reason		9
Back Pain		
Total Incidents for Reason		24
Breathing Problem		
Total Incidents for Reason		186
Burns		
Total Incidents for Reason		2
CO Poisoning/Hazmat		
Total Incidents for Reason		3
Cardiac Arrest		
Total Incidents for Reason		9
Chest Pain		
Total Incidents for Reason		77

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EMS Reason for Call Analysis

Alarm Date Between {01/01/2014} And {12/31/2014}

Incident	Date	Time
Choking		
Total Incidents for Reason		3
Convulsions/Seizure		
Total Incidents for Reason		47
Diabetic Problem		
Total Incidents for Reason		32
Drowning		
Total Incidents for Reason		1
Eye Problem		
Total Incidents for Reason		2
Fall Victim		
Total Incidents for Reason		127
Headache		
Total Incidents for Reason		5
Heart Problems		
Total Incidents for Reason		7
Heat/Cold Exposure		
Total Incidents for Reason		1
Hemorrhage/Laceration		
Total Incidents for Reason		18

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EMS Reason for Call Analysis

Alarm Date Between {01/01/2014} And {12/31/2014}

Incident	Date	Time
Ingestion/Poisoning		
Total Incidents for Reason		20
Not Applicable		
Total Incidents for Reason		2
Not Available		
Total Incidents for Reason		24
Pregnancy/Childbirth		
Total Incidents for Reason		4
Psychiatric Problems		
Total Incidents for Reason		68
Sick Person		
Total Incidents for Reason		112
Stroke/CVA		
Total Incidents for Reason		32
Traffic Accident		
Total Incidents for Reason		159
Traumatic Injury		
Total Incidents for Reason		67
Unconscious/Fainting		
Total Incidents for Reason		111

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EMS Reason for Call Analysis

Alarm Date Between {01/01/2014} And {12/31/2014}

Incident	Date	Time
Unknown Problem/Man Down		
Total Incidents for Reason	68	
Total Incidents	1277	Total Patients 995

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Incident Type Period Comparisons

Alarm Date Between {01/01/2014} and {12/31/2014}

Incident Type	01/01/2014	01/01/2013	01/01/2012	01/01/2011
	to 12/31/2014	to 12/31/2013	to 12/31/2012	to 12/31/2011
100 Fire, Other	0	0	1	2
111 Building fire	16	20	16	16
112 Fires in structure other than in a building	0	0	1	0
113 Cooking fire, confined to container	4	4	0	2
115 Incinerator overload or malfunction, fire	0	0	1	0
116 Fuel burner/boiler malfunction, fire confined	1	0	1	1
118 Trash or rubbish fire, contained	0	1	2	0
131 Passenger vehicle fire	10	12	3	9
132 Road freight or transport vehicle fire	0	3	0	3
138 Off-road vehicle or heavy equipment fire	0	1	0	0
140 Natural vegetation fire, Other	0	0	4	0
141 Forest, woods or wildland fire	0	0	1	1
142 Brush or brush-and-grass mixture fire	0	1	3	1
143 Grass fire	0	1	7	0
150 Outside rubbish fire, Other	1	1	0	0
151 Outside rubbish, trash or waste fire	0	1	0	4
153 Construction or demolition landfill fire	0	0	0	1
154 Dumpster or other outside trash receptacle fire	2	2	4	2
160 Special outside fire, Other	1	0	2	1
162 Outside equipment fire	2	1	2	0
200 Overpressure rupture, explosion, overheat other	0	0	0	1
300 Rescue, EMS incident, other	1	0	1	1
311 Medical assist, assist EMS crew	1	65	68	56
320 Emergency medical service, other	2	7	3	0
321 EMS call, excluding vehicle accident with injury	1098	1019	932	933
322 Motor vehicle accident with injuries	75	87	82	77
323 Motor vehicle/pedestrian accident (MV Ped)	11	5	7	4
324 Motor Vehicle Accident with no injuries	65	93	49	52
331 Lock-in (if lock out , use 511)	15	13	15	9
350 Extrication, rescue, Other	0	1	2	0
351 Extrication of victim(s) from building/structure	0	1	0	0
352 Extrication of victim(s) from vehicle	1	0	0	1
353 Removal of victim(s) from stalled elevator	1	1	0	2
357 Extrication of victim(s) from machinery	0	0	0	1
360 Water & ice-related rescue, other	0	3	0	0
362 Ice rescue	0	1	0	0
381 Rescue or EMS standby	1	3	3	4
400 Hazardous condition, Other	2	0	2	1
410 Combustible/flammable gas/liquid condition,	0	1	0	0
411 Gasoline or other flammable liquid spill	7	6	6	10
412 Gas leak (natural gas or LPG)	14	10	6	6

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Incident Type Period Comparisons

Alarm Date Between {01/01/2014} and {12/31/2014}

Incident Type	01/01/2014	01/01/2013	01/01/2012	01/01/2011
	to 12/31/2014	to 12/31/2013	to 12/31/2012	to 12/31/2011
413 Oil or other combustible liquid spill	1	2	0	0
420 Toxic condition, Other	0	0	0	1
422 Chemical spill or leak	0	1	0	0
424 Carbon monoxide incident	9	8	8	3
440 Electrical wiring/equipment problem, Other	9	17	9	6
441 Heat from short circuit (wiring), defective/worn	0	3	2	1
442 Overheated motor	2	0	3	2
443 Breakdown of light ballast	1	0	0	2
444 Power line down	14	12	10	21
4441Low voltage line (cable / phone) down	24	21	22	20
445 Arcing, shorted electrical equipment	7	8	7	15
460 Accident, potential accident, Other	0	5	1	1
461 Building or structure weakened or collapsed	1	1	0	0
463 Vehicle accident, general cleanup	2	11	12	3
471 Explosive, bomb removal (for bomb scare, use	0	0	1	0
500 Service Call, other	7	7	6	10
510 Person in distress, Other	11	6	4	7
511 Lock-out	7	6	9	14
520 Water problem, Other	0	3	0	0
522 Water or steam leak	0	2	0	1
531 Smoke or odor removal	4	3	6	5
541 Animal problem	0	4	1	0
542 Animal rescue	1	0	5	0
550 Public service assistance, Other	1	3	0	0
551 Assist police or other governmental agency	10	12	10	6
552 Police matter	22	12	38	26
553 Public service	2	2	1	4
554 Assist invalid	32	30	20	32
561 Unauthorized burning	22	24	16	14
571 Cover assignment, standby, moveup	4	3	5	6
600 Good intent call, Other	29	21	23	22
611 Dispatched & cancelled en route	78	65	75	73
621 Wrong location	1	1	0	1
622 No Incident found on arrival at dispatch address	19	40	33	26
631 Authorized controlled burning	2	3	5	3
6311Legal burning requested to extinguish	0	1	0	2
650 Steam, Other gas mistaken for smoke, Other	0	1	0	1
651 Smoke scare, odor of smoke	7	6	6	8
652 Steam, vapor, fog or dust thought to be smoke	1	7	2	1
661 EMS call, party transported by non-fire agency	0	0	1	1
671 HazMat release investigation w/no HazMat	2	1	0	1

Grandville Fire Department

Incident Type Period Comparisons

Alarm Date Between {01/01/2014} and {12/31/2014}

Incident Type	01/01/2014	01/01/2013	01/01/2012	01/01/2011
	to 12/31/2014	to 12/31/2013	to 12/31/2012	to 12/31/2011
700 False alarm or false call, Other	12	7	12	15
710 Malicious, mischievous false call, Other	1	3	0	4
714 Central station, malicious false alarm	0	1	0	0
715 Local alarm system, malicious false alarm	1	2	0	1
721 Bomb scare - no bomb	0	2	0	2
730 System malfunction, Other	2	1	0	0
731 Sprinkler activation due to malfunction	4	2	1	0
732 Extinguishing system activation due to	1	0	0	1
733 Smoke detector activation due to malfunction	5	6	3	2
735 Alarm system sounded due to malfunction	15	13	9	18
736 CO detector activation due to malfunction	5	1	1	6
740 Unintentional transmission of alarm, Other	11	13	5	6
741 Sprinkler activation, no fire - unintentional	6	6	3	3
742 Extinguishing system activation	1	0	0	2
743 Smoke detector activation, no fire -	15	10	10	10
744 Detector activation, no fire - unintentional	8	12	13	9
745 Alarm system activation, no fire - unintentional	45	50	39	51
746 Carbon monoxide detector activation, no CO	5	2	4	7
813 Wind storm, tornado/hurricane assessment	1	0	1	2
814 Lightning strike (no fire)	1	0	0	3
911 Citizen complaint	3	2	0	1
Totals	<u>1805</u>	<u>1849</u>	<u>1666</u>	<u>1683</u>