

Grandville Fire Department

2016 Annual Report





FIRE DEPARTMENT

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March, 2017

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

It is my pleasure to present you with this report of your fire department's activities in calendar year 2016.

2016 was a remarkable year for the fire department on a number of levels, including a record breaking number of incidents responded to. Details of some of the more significant incidents, events, and non-response related activities are included in the attached report.

You will note that, for the second consecutive year, fire loss in Grandville exceeded 1 million dollars. Similar to 2015, 70% of this total is attributed to a single, major fire.

On behalf of all of the men and women of the Grandville Fire Department, I would like to thank you, the city council, the management team and the community for your continued support.

Respectfully Submitted,

Michael W. May
Fire Chief

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Personnel

2016 was a fairly active year for personnel changes in the fire department:

Firefighter Dale VanKley retired in February after 32 years of dedicated service to the fire department. Dale was our 2007 Firefighter of the Year and responded to over 1,800 incidents during his career.

Also retiring in 2016 were Firefighter Marcus DeRuyter (15 years of service), and Firefighter/EMT Dan Stuk (13 years of service).

Firefighter Brian Ciluffo resigned after 5 years of service.

Dale, Marcus, Dan and Brian were all important members of our department and their service will be missed. We wish them all the best in their future endeavors.

We also added to our paid-on-call ranks in 2016. Bishop Arp, Matthew Hoeksema, Samuel Parker and William Stevens were all hired in the early fall. They have been attending the South Kent Fire Academy in Byron Center since October to receive their initial training and are anticipated to graduate this spring.

Our annual awards ceremony was held on April 12, 2016. The following Firefighters and citizens received awards for excellent work in 2015:

Life Saving Awards were given to Fire Marshal Lynnae White and Firefighter/EMT Kevin Newman for their part in the successful resuscitation of a cardiac arrest victim at the Visser Family YMCA. In addition, **Citizen Awards** were given to Ed DeMaagd, Amber Dozema and Lindsey Karpowicz for life saving assistance they provided at this incident.

Unit Commendations were awarded to Lt. Bret Groendyke, Firefighter/EMTs Tom Blake, Rick Dwarshuis, Justin Stadt and Dave Verstraete for outstanding suppression work at a large commercial structure fire.

Unit Commendations were awarded to Lt. Scott Veldman, Firefighter/EMTs Rick Dwarshuis, Gary Loew, Dan Stuk, Jim Walker, Matt Young and Firefighter Mike Schuiling for outstanding rescue work at a pin-in accident.

A **Letter of Commendation** was awarded to Lt. Scott Veldman for excellent work he did as the operations section chief at a major fire incident.

Life Saving Awards were given to Fire Chief Mike May and Firefighter/EMT Kevin Newman for care they provided to a drug overdose victim who was in respiratory arrest and near death.

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Meritorious Service Awards were given to Lt. Bret Groendyke, Firefighter/EMTs Ryan Austhof and Gary Loew for actions above and beyond the call of duty in supporting both the Grandville Police and several victims of a multi-car accident. Firefighter/EMT Kevin McNutt was given a **Letter of Commendation** for his outstanding work as the overall incident commander at this scene.

Community Service Awards were given to Fire Chief Mike May, Fire Marshal Lynnae White, Lt. Scott Veldman, Lt. Bret Groendyke, Lt. Mark Perkin, Firefighter/EMTs Vanisa Balderas, Tom Blake, Kevin McNutt and Matt Young for instructional support they provided to the Mayor's community CPR training initiative.

Our **2015 Firefighter of the Year** was Firefighter/EMT Gary Loew

The **2015 Chief's Award for Excellence** was awarded to Mayor Steve Maas for envisioning, organizing, promoting and funding a community CPR program which resulted in over 100 Grandville citizens becoming trained in CPR.

Special thanks are extended to the Cook Family and Cook Funeral and Cremation Services for their generous donations of the awards presented to the Firefighter of the Year and Chief's Award for Excellence winners and a perpetual plaque for our lobby honoring all of our past Firefighter of the Year winners.

Lastly, in October, Grandville Fire Chief Mike May was named **Fire Chief of the Year** by the Michigan Association of Fire Chiefs at their annual conference in Traverse City.



Dale VanKley with Chief May



Gary Loew

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Current Personnel

Full Time Members

Michael May, Fire Chief (26 Years of Service)
Lynnae White, Fire Marshal (18 Years of Service)
Lt. Scott Veldman, Training Officer (19 Years of Service)
Tom Blake, Firefighter/EMT (15 Years of Service)
Tom Datema, Firefighter/EMT (26 Years of Service)
Kevin McNutt, Firefighter/EMT (19 Years of Service)
Kevin Newman, Firefighter/EMT (18 Years of Service)

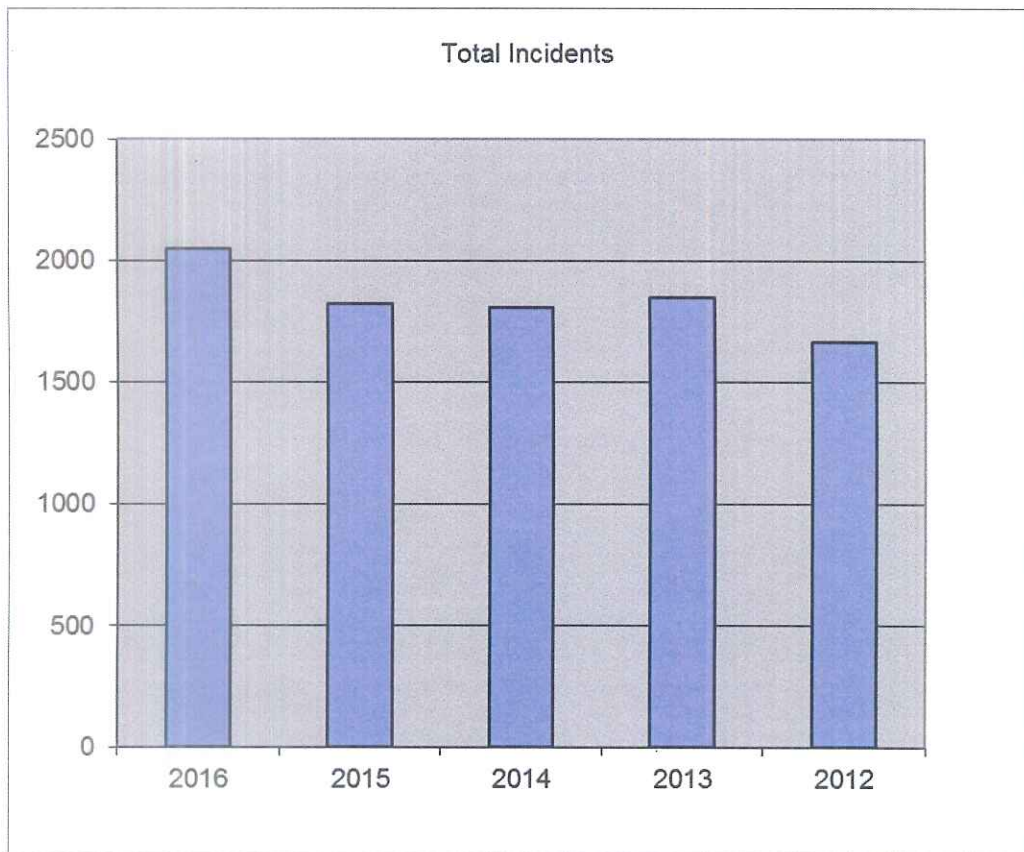
Paid-on-Call Members

Bishop Arp, Firefighter Trainee
Ryan Austhof, Firefighter/EMT (5 Years of Service)
Vanisa Balderas, Firefighter/EMT (5 Years of Service)
Jordan Door, Firefighter (2 Years of Service)
Richard Dwarshuis, Firefighter/EMT (25 Years of Service)
Bret Groendyke, Lieutenant (14 Years of Service)
Matthew Hoeksema, Firefighter Trainee
Bradley Howe, Firefighter (2 Years of Service)
James Keranen, Firefighter (5 Years of Service)
Jay Kwiatkowski, Firefighter/MFR (11 Years of Service)
Marc Larabel Jr., Firefighter (12 Years of Service)
Gary Loew, Firefighter/EMT (7 Years of Service)
Dennis McCrum, Firefighter/EMT (5 Years of Service)
Allison Merchant, Firefighter/EMT (2 Years of Service)
Jason Monroe, Firefighter/Paramedic (1 Year of Service)
Samuel Parker, Firefighter Trainee
Kevin Pasma, Lieutenant (22 Years of Service)
Mark Perkin, Lieutenant (22 Years of Service)
Wil Rouster, Firefighter (5 Years of Service)
Michael Schuiling, Firefighter (2 Years of Service)
Justin Stadt, Firefighter/EMT (9 Years of Service)
William Stevens, Firefighter Trainee
David TerBeek, Firefighter (19 Years of Service)
David Verstraete, Firefighter/EMT (5 Years of Service)
James Walker, Firefighter/EMT (23 Years of Service)
Matthew Young, Firefighter/Paramedic (7 Years of Service)

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Total Incidents

Your Fire Department responded to a total of 2,049 incidents in 2016. This was an all-time high and the second time in the past five years we have had a 10 percent increase in our volume of calls. This increase in volume cannot be attributed to any specific event, condition or call type as it was consistent throughout the entire year and across all types of incidents that we respond to. Similar increases were experienced by most, if not all, of the metropolitan Grand Rapids departments.



Significant Incidents and Events

Just after 10:30 AM on January 6, a retired Grandville Police Sergeant detected a strong odor of smoke in his neighborhood and investigated. He found the unattached garage at 3326 Wayburn well involved in fire and called 9-1-1. Prior to our arrival, he was able to get the attention of the occupant of the home, who was sleeping, and get him to move his vehicle away from the garage and out of danger.

Fire units arrived to find the garage fully engulfed in flames and structurally unstable. The fire was significantly extinguished within ten minutes of the 9-1-1 call. Because of the length of time the fire went undetected, however, the garage and its contents were a total loss.

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Investigators determined that the fire was caused by improperly discarded smoking materials in the garage several hours prior to the call.

Our most significant fire incident of the year occurred at 11:41 AM on January 24. The manager at the Day's Inn on 28th Street called 9-1-1 reporting a possible fire in one of the boilers there.



Arriving units found a fire in the attic of the building. With assistance from Wyoming and Georgetown Township, your firefighters evacuated the hotel and extinguished the blaze. There were no civilian or firefighter injuries at this incident, but the structure sustained significant fire damage in the attic and on parts of the third floor with associated smoke and water damage throughout the building.

Investigators determined that the likely cause of this fire was inconsistently/improperly installed electrical wiring in the attic. Evidence of arching was noted in a wire that was severely bent and tightly stapled in the area of origin of the fire where no other heat or ignition sources existed.

Just after 8:30 AM on April 19, an alert neighbor noticed that the house at 3360 Woodbine was filled with smoke and called 9-1-1.

Arriving units found a fire burning in the basement that had extended into the upstairs living room of the home, which was unoccupied at the time. With assistance from the Wyoming Fire Department, your firefighters extinguished the fires within 30 minutes. Unfortunately, the family cat was overcome by smoke and did not survive.

There was significant fire damage in the basement and upstairs living room with smoke and water damage throughout the home, which was eventually declared a total loss.

Investigators determined that the fire originated in a pile of combustible items that were left within a few inches of the water heater in the basement. The covers to the combustion area of the water heater had been removed and not replaced, which exposed the nearby combustibles to heat and flame every time the water heater fired, eventually causing them to ignite.

9-1-1 callers reported smoke and fire visible on the roof of the Red Lobster restaurant at 3464 Rivertown Pointe Ct. just after 2 PM on May 20. The first arriving units found a fairly large fire on the roof of the building.

With assistance from the Wyoming and Georgetown Township fire departments, the building was evacuated and the fire was extinguished. Firefighters were able to confine the fire to the

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roof decking and parapet wall which limited the interior damage to a very small area in the kitchen. As a result, the business was able to reopen for dinner the following day.



One Grandville firefighter was transported to the hospital during this incident for what turned out to be a minor medical concern. Two roofers who were working at the restaurant were evaluated at the scene for minor injuries they sustained attempting to extinguish the fire prior to our arrival.

Investigators determined that the fire was caused by a roof worker who was smoking a cigarette while handling a garbage bag full of rags that were soaked with a combustible cleaning chemical.

In the afternoon hours of August 20 an EF-0 tornado struck the Grandville/Wyoming area. Having received early warning of a dangerous approaching storm, seventeen of your firefighters

were standing by at the station, ready to respond, as the storm approached.



As the tornado passed through, several motorists in the area stopped seeking shelter and were directed to our basement.

The tornado resulted in twelve fire department responses in Grandville, primarily for wires down,

structural damage assessment and utility concerns in the areas of town that were most affected. None of the Grandville incidents involved injuries.

Wyoming had more widespread damage and two of our units were part of a team that responded there that included five different area fire departments. This group responded to over a hundred total incidents in the 7 hours immediately after the storms.

One Grandville Firefighter assigned to the Wyoming incidents suffered from heat exhaustion and was transported to a local hospital where he was treated and released.

Rescue and Emergency Medical Services

Similar to prior years, rescue and Emergency Medical Services (EMS) responses accounted for just over 65% of our total incidents in 2016. The vast majority of these responses are handled by our career personnel in our SUV Medical Squads. Many of our paid-on-call members are also licensed to provide EMS care and they support the full time personnel when needed.

Like other communities in our area, and around the country, Grandville has experienced an increase in opioid overdose incidents over the past two years. Although we choose to not publicize it widely, your firefighters utilized Naloxone (Narcan) successfully on several of these cases.

Our response times to EMS and rescue incidents are very good, and continue to exceed all recognized standards. Our average response times in 2016 to emergency medical calls in Grandville were as follows:

Life Threatening Emergencies	3:26
Non-Life Threatening Emergencies	4:01
Non-Emergency Responses	4:51

Training

In order to be prepared to effectively and efficiently manage the wide variety of incidents that we are called to, your firefighters train frequently. Most of our personnel spend between sixty and one hundred hours annually in training that includes basic firefighting skills, EMS continuing education and training in specialty areas such as hazardous materials and ice/water rescue.

One of the highlights of our 2016 training included the Kent County EMS Medical Director, Dr. Todd Chassee, presenting a review of Grandville EMS cases. Other training highlights for the year included several evenings of training in a home at 44th and Wilson that was scheduled for demolition, and the ice rescue training that was provided by a grant obtained through a collaborative effort between the Grandville, Kentwood and Wyoming Fire Departments.



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

- **Clandestine Drug Lab Awareness**
Multiple personnel
- **Great Lakes Homeland Security Conference**
Chief May
- **Ignite your Writing – Fire/EMS report writing seminar**
Multiple personnel
- **Michigan Active Assailant Conference**
Chief May
- **Michigan Association of Fire Chiefs Winter Workshop & 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
- **National Weather Service Severe Weather Spotter Training**
Multiple personnel
- **Scott Air Pack Technician Training**
FF Blake and Lt. Veldman

Fire and Life Safety Code Inspections and Enforcement

Adopted fire and life safety codes ensure that buildings in our city are safe to occupy and reduces risk for the property owners. We conduct fire and life safety inspections throughout the year to ensure compliance with the applicable adopted codes. We also gather important information about the structure, contents and property that we use to develop pre-incident plans. These pre-incident plans enhance firefighter safety and efficiency in the event of a fire or other emergency at the buildings.

No formal enforcement actions were necessary in 2016. The fifty five code violations that were discovered during inspections were voluntarily corrected by the property owners.

Fire Marshal White is also involved in the plan review and approval process for proposed new construction in the city, which this year included the Grand Castle, two new hotels and a new assisted living center.

Fire Prevention and Safety Programs / Community Events

Finding it mutually beneficial to interact with our citizens other than when they are experiencing an emergency, your fire department spends significant time showcasing our personnel and equipment along with providing important fire and safety information to various

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groups at events throughout the city. In 2016 we visited twenty different events such as block parties, church gatherings, special events at local businesses and the various DDA events.

Other groups prefer to come to the fire station for fire safety programs and tours. Thirty five different groups visited us for these programs in 2016. Many of these were from our local schools who we work with to reach out to children in the community beginning with pre-school. Most Grandville students will have visited the fire department as many as three times by the time they reach the fourth grade.

We continue to host our annual open house that is held on the Tuesday of Fire Prevention Week in October. This is always a popular and well attended event.

Our consistently low incidents of fire related injuries and deaths serve as an excellent measure the success of our various fire prevention and safety programs.

Child Safety Seat Inspections and Installations

One of our firefighters is trained and certified to provide inspections and installation assistance for vehicle child safety seats. This program is in conjunction with Safe Kids of Greater Grand Rapids, an organization led by Helen DeVos Children's Hospital, which provides resources to assist in keeping children safe. In 2016, fifty seven families took advantage of these services at our department.

Other Community Activities

A new event took place in 2016 when our local Meijer contacted the fire department looking for a partner to assist needy families at Christmas time. As a result of Meijer's generosity, the first annual "Shop with a Firefighter" event was held in early December. Fourteen less than fortunate families were served by this event. The fire personnel and school faculty who participated all said that it was one of the most fun and rewarding events they have ever been involved with.

In addition to Meijer, special thanks for this event go to Officer Dave Greco of our Police Department who helped coordinate the event; Principals Jean Carroll-Hamilton and Tonia Shoup from the Grandville Public Schools who assisted in identifying the families and, along with other faculty, provided assistance at the actual event, and the Grandville High School National Honor Society who wrapped gifts along with Mayor Maas.



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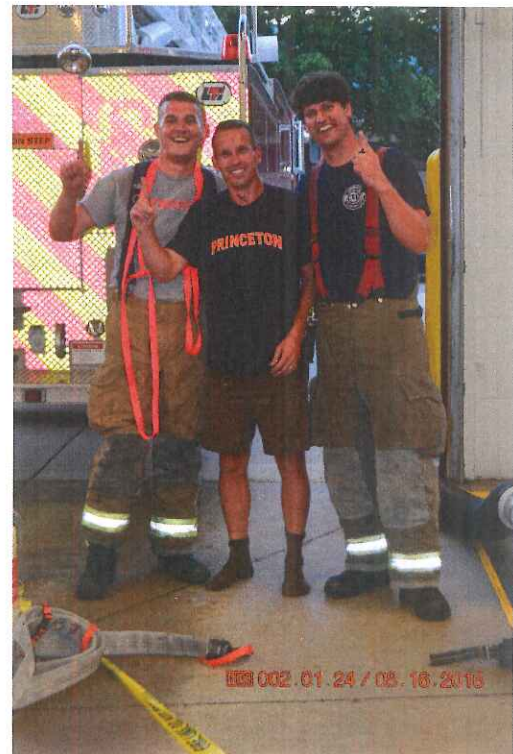
Acknowledgements

This year's cover photograph shows your firefighters training at an acquired home.

The photo of the Red Lobster fire was taken by Twitter user @MarcoPoloLewis.

Other photos were taken by various staff members or their families.

Thank you for your interest in our department. Please call our office if you have any questions about the information presented in this report or any of our programs.



Grandville Fire Department

Incident Type Report (Summary All Incidents)

Alarm Date Between {01/01/2016} And {12/31/2016}

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
1 Fire				
111 Building fire	21	1.02%	\$1,290,500	91.24%
113 Cooking fire, confined to container	12	0.58%	\$1,950	0.13%
131 Passenger vehicle fire	10	0.48%	\$33,350	2.35%
132 Road freight or transport vehicle fire	2	0.09%	\$86,000	6.08%
140 Natural vegetation fire, Other	2	0.09%	\$0	0.00%
143 Grass fire	3	0.14%	\$0	0.00%
151 Outside rubbish, trash or waste fire	2	0.09%	\$0	0.00%
154 Dumpster or other outside trash receptacle	2	0.09%	\$100	0.00%
162 Outside equipment fire	2	0.09%	\$500	0.03%
	56	2.73%	\$1,412,400	99.85%
2 Overpressure Rupture, Explosion, Overheat(no fire)				
200 Overpressure rupture, explosion, overheat	1	0.04%	\$0	0.00%
	1	0.04%	\$0	0.00%
3 Rescue & Emergency Medical Service Incident				
300 Rescue, EMS incident, other	1	0.04%	\$0	0.00%
311 Medical assist, assist EMS crew	1	0.04%	\$0	0.00%
320 Emergency medical service, other	2	0.09%	\$0	0.00%
321 EMS call, excluding vehicle accident with	1,108	54.07%	\$0	0.00%
322 Motor vehicle accident with injuries	131	6.39%	\$0	0.00%
323 Motor vehicle/pedestrian accident (MV Ped)	8	0.39%	\$0	0.00%
324 Motor Vehicle Accident with no injuries	63	3.07%	\$0	0.00%
331 Lock-in (if lock out , use 511)	22	1.07%	\$0	0.00%
350 Extrication, rescue, Other	1	0.04%	\$0	0.00%
352 Extrication of victim(s) from vehicle	1	0.04%	\$0	0.00%
353 Removal of victim(s) from stalled elevator	2	0.09%	\$0	0.00%
357 Extrication of victim(s) from machinery	1	0.04%	\$0	0.00%
381 Rescue or EMS standby	3	0.14%	\$0	0.00%
	1,344	65.59%	\$0	0.00%
4 Hazardous Condition (No Fire)				
400 Hazardous condition, Other	3	0.14%	\$0	0.00%
411 Gasoline or other flammable liquid spill	7	0.34%	\$0	0.00%
412 Gas leak (natural gas or LPG)	8	0.39%	\$0	0.00%
413 Oil or other combustible liquid spill	2	0.09%	\$0	0.00%
422 Chemical spill or leak	1	0.04%	\$0	0.00%
424 Carbon monoxide incident	8	0.39%	\$0	0.00%
440 Electrical wiring/equipment problem, Other	11	0.53%	\$0	0.00%
441 Heat from short circuit (wiring),	1	0.04%	\$0	0.00%

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Incident Type Report (Summary All Incidents)

Alarm Date Between {01/01/2016} And {12/31/2016}

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
4 Hazardous Condition (No Fire)				
444 Power line down	15	0.73%	\$0	0.00%
4441 Low voltage line (cable / phone) down	29	1.41%	\$0	0.00%
445 Arcing, shorted electrical equipment	7	0.34%	\$0	0.00%
460 Accident, potential accident, Other	4	0.19%	\$0	0.00%
463 Vehicle accident, general cleanup	3	0.14%	\$0	0.00%
481 Attempt to burn	1	0.04%	\$0	0.00%
	100	4.88%	\$0	0.00%
5 Service Call				
500 Service Call, other	1	0.04%	\$0	0.00%
510 Person in distress, Other	19	0.92%	\$0	0.00%
511 Lock-out	10	0.48%	\$0	0.00%
512 Ring or jewelry removal	3	0.14%	\$0	0.00%
520 Water problem, Other	1	0.04%	\$2,000	0.14%
522 Water or steam leak	3	0.14%	\$0	0.00%
531 Smoke or odor removal	1	0.04%	\$0	0.00%
542 Animal rescue	7	0.34%	\$0	0.00%
550 Public service assistance, Other	2	0.09%	\$0	0.00%
551 Assist police or other governmental agency	15	0.73%	\$0	0.00%
552 Police matter	22	1.07%	\$0	0.00%
553 Public service	2	0.09%	\$0	0.00%
554 Assist invalid	60	2.92%	\$0	0.00%
561 Unauthorized burning	20	0.97%	\$0	0.00%
571 Cover assignment, standby, moveup	9	0.43%	\$0	0.00%
	175	8.54%	\$2,000	0.14%
6 Good Intent Call				
600 Good intent call, Other	39	1.90%	\$0	0.00%
611 Dispatched & cancelled en route	96	4.68%	\$0	0.00%
621 Wrong location	3	0.14%	\$0	0.00%
622 No Incident found on arrival at dispatch	50	2.44%	\$0	0.00%
631 Authorized controlled burning	4	0.19%	\$0	0.00%
6311 Legal burning requested to extinguish	2	0.09%	\$0	0.00%
651 Smoke scare, odor of smoke	16	0.78%	\$0	0.00%
652 Steam, vapor, fog or dust thought to be	2	0.09%	\$0	0.00%
671 HazMat release investigation w/no HazMat	1	0.04%	\$0	0.00%
	213	10.39%	\$0	0.00%
7 False Alarm & False Call				
700 False alarm or false call, Other	9	0.43%	\$0	0.00%

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Incident Type Report (Summary All Incidents)

Alarm Date Between {01/01/2016} And {12/31/2016}

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
7 False Alarm & False Call				
710 Malicious, mischievous false call, Other	5	0.24%	\$0	0.00%
730 System malfunction, Other	1	0.04%	\$0	0.00%
731 Sprinkler activation due to malfunction	1	0.04%	\$0	0.00%
733 Smoke detector activation due to	4	0.19%	\$0	0.00%
735 Alarm system sounded due to malfunction	8	0.39%	\$0	0.00%
736 CO detector activation due to malfunction	4	0.19%	\$0	0.00%
740 Unintentional transmission of alarm, Other	8	0.39%	\$0	0.00%
741 Sprinkler activation, no fire -	7	0.34%	\$0	0.00%
743 Smoke detector activation, no fire -	27	1.31%	\$0	0.00%
744 Detector activation, no fire -	10	0.48%	\$0	0.00%
745 Alarm system activation, no fire -	66	3.22%	\$0	0.00%
746 Carbon monoxide detector activation, no CO	6	0.29%	\$0	0.00%
	<u>156</u>	<u>7.61%</u>	<u>\$0</u>	<u>0.00%</u>
8 Severe Weather & Natural Disaster				
813 Wind storm, tornado/hurricane assessment	2	0.09%	\$0	0.00%
	<u>2</u>	<u>0.09%</u>	<u>\$0</u>	<u>0.00%</u>
9 Special Incident Type				
911 Citizen complaint	2	0.09%	\$0	0.00%
	<u>2</u>	<u>0.09%</u>	<u>\$0</u>	<u>0.00%</u>

Total Incident Count: 2049

Total Est Loss:

\$1,414,400

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EMS Reason for Call Analysis

Alarm Date Between {01/01/2016} And {12/31/2016}

Incident	Date	Time
Abdominal Pain		
Total Incidents for Reason		31
Allergies		
Total Incidents for Reason		11
Assault		
Total Incidents for Reason		17
Back Pain		
Total Incidents for Reason		20
Breathing Problem		
Total Incidents for Reason		127
Cardiac Arrest		
Total Incidents for Reason		7
Chest Pain		
Total Incidents for Reason		80
Choking		
Total Incidents for Reason		10
CO Poisoning/Hazmat		
Total Incidents for Reason		1
Convulsions/Seizure		
Total Incidents for Reason		60

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EMS Reason for Call Analysis

Alarm Date Between {01/01/2016} And {12/31/2016}

Incident	Date	Time
Diabetic Problem		
Total Incidents for Reason	33	
Fall Victim		
Total Incidents for Reason	147	
Headache		
Total Incidents for Reason	10	
Heart Problems		
Total Incidents for Reason	12	
Heat/Cold Exposure		
Total Incidents for Reason	1	
Hemorrhage/Laceration		
Total Incidents for Reason	14	
Indstrl Accident/Inaccessible Incidnt/Other Entrap		
Total Incidents for Reason	1	
Ingestion/Poisoning		
Total Incidents for Reason	19	
Not Applicable		
Total Incidents for Reason	12	
Not Available		
Total Incidents for Reason	50	

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EMS Reason for Call Analysis

Alarm Date Between {01/01/2016} And {12/31/2016}

Incident	Date	Time
Pregnancy/Childbirth		
Total Incidents for Reason		4
Psychiatric Problems		
Total Incidents for Reason		108
Sick Person		
Total Incidents for Reason		89
Stroke/CVA		
Total Incidents for Reason		33
Traffic Accident		
Total Incidents for Reason		206
Traumatic Injury		
Total Incidents for Reason		59
Unconscious/Fainting		
Total Incidents for Reason		116
Unknown Problem/Man Down		
Total Incidents for Reason		51
Total Incidents	1329	
		Total Patients 1175

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Incident Type Period Comparisons

Alarm Date Between {01/01/2016} and {12/31/2016}

Incident Type	01/01/2016 to 12/31/2016	01/01/2015 to 12/31/2015	01/01/2014 to 12/31/2014	01/01/2013 to 12/31/2013
100 Fire, Other	0	1	0	0
111 Building fire	21	16	16	20
112 Fires in structure other than in a building	0	1	0	0
113 Cooking fire, confined to container	12	3	4	4
116 Fuel burner/boiler malfunction, fire confined	0	0	1	0
118 Trash or rubbish fire, contained	0	0	0	1
131 Passenger vehicle fire	10	10	10	12
132 Road freight or transport vehicle fire	2	1	0	3
138 Off-road vehicle or heavy equipment fire	0	0	0	1
140 Natural vegetation fire, Other	2	0	0	0
141 Forest, woods or wildland fire	0	2	0	0
142 Brush or brush-and-grass mixture fire	0	0	0	1
143 Grass fire	3	1	0	1
150 Outside rubbish fire, Other	0	0	1	1
151 Outside rubbish, trash or waste fire	2	0	0	1
154 Dumpster or other outside trash receptacle fire	2	1	2	2
160 Special outside fire, Other	0	0	1	0
161 Outside storage fire	0	1	0	0
162 Outside equipment fire	2	0	2	1
200 Overpressure rupture, explosion, overheat other	1	0	0	0
300 Rescue, EMS incident, other	1	0	1	0
311 Medical assist, assist EMS crew	1	1	1	65
320 Emergency medical service, other	2	1	2	7
321 EMS call, excluding vehicle accident with injury	1108	1054	1098	1019
322 Motor vehicle accident with injuries	131	90	75	87
323 Motor vehicle/pedestrian accident (MV Ped)	8	7	11	5
324 Motor Vehicle Accident with no injuries	63	68	65	93
331 Lock-in (if lock out , use 511)	22	18	15	13
350 Extrication, rescue, Other	1	0	0	1
351 Extrication of victim(s) from building/structure	0	0	0	1
352 Extrication of victim(s) from vehicle	1	0	1	0
353 Removal of victim(s) from stalled elevator	2	0	1	1
357 Extrication of victim(s) from machinery	1	0	0	0
360 Water & ice-related rescue, other	0	0	0	3
362 Ice rescue	0	0	0	1
381 Rescue or EMS standby	3	2	1	3
400 Hazardous condition, Other	3	2	2	0
410 Combustible/flammable gas/liquid condition,	0	0	0	1
411 Gasoline or other flammable liquid spill	7	2	7	6
412 Gas leak (natural gas or LPG)	8	11	14	10
413 Oil or other combustible liquid spill	2	1	1	2

Grandville Fire Department

Incident Type Period Comparisons

Alarm Date Between {01/01/2016} and {12/31/2016}

Incident Type	01/01/2016	01/01/2015	01/01/2014	01/01/2013
	to 12/31/2016	to 12/31/2015	to 12/31/2014	to 12/31/2013
422 Chemical spill or leak	1	0	0	1
424 Carbon monoxide incident	8	6	9	8
440 Electrical wiring/equipment problem, Other	11	10	9	17
441 Heat from short circuit (wiring), defective/worn	1	0	0	3
442 Overheated motor	0	1	2	0
443 Breakdown of light ballast	0	0	1	0
444 Power line down	15	7	14	12
4441 Low voltage line (cable / phone) down	29	21	24	21
445 Arcing, shorted electrical equipment	7	12	7	8
460 Accident, potential accident, Other	4	2	0	5
461 Building or structure weakened or collapsed	0	0	1	1
463 Vehicle accident, general cleanup	3	8	2	11
481 Attempt to burn	1	0	0	0
500 Service Call, other	1	2	7	7
510 Person in distress, Other	19	4	11	6
511 Lock-out	10	6	7	6
512 Ring or jewelry removal	3	2	0	0
520 Water problem, Other	1	1	0	3
522 Water or steam leak	3	3	0	2
531 Smoke or odor removal	1	3	4	3
541 Animal problem	0	0	0	4
542 Animal rescue	7	1	1	0
550 Public service assistance, Other	2	8	1	3
551 Assist police or other governmental agency	15	7	10	12
552 Police matter	22	25	22	12
553 Public service	2	3	2	2
554 Assist invalid	60	35	32	30
561 Unauthorized burning	20	21	22	24
571 Cover assignment, standby, moveup	9	3	4	3
600 Good intent call, Other	39	27	29	21
611 Dispatched & cancelled en route	96	89	78	65
621 Wrong location	3	1	1	1
622 No Incident found on arrival at dispatch address	50	46	19	40
631 Authorized controlled burning	4	0	2	3
6311 Legal burning requested to extinguish	2	1	0	1
650 Steam, Other gas mistaken for smoke, Other	0	0	0	1
651 Smoke scare, odor of smoke	16	14	7	6
652 Steam, vapor, fog or dust thought to be smoke	2	2	1	7
653 Smoke from barbecue, tar kettle	0	1	0	0
661 EMS call, party transported by non-fire agency	0	1	0	0
671 HazMat release investigation w/no HazMat	1	2	2	1

Grandville Fire Department

Incident Type Period Comparisons

Alarm Date Between {01/01/2016} and {12/31/2016}

Incident Type	01/01/2016 to 12/31/2016	01/01/2015 to 12/31/2015	01/01/2014 to 12/31/2014	01/01/2013 to 12/31/2013
700 False alarm or false call, Other	9	15	12	7
710 Malicious, mischievous false call, Other	5	1	1	3
714 Central station, malicious false alarm	0	0	0	1
715 Local alarm system, malicious false alarm	0	0	1	2
721 Bomb scare - no bomb	0	0	0	2
730 System malfunction, Other	1	3	2	1
731 Sprinkler activation due to malfunction	1	2	4	2
732 Extinguishing system activation due to	0	0	1	0
733 Smoke detector activation due to malfunction	4	3	5	6
735 Alarm system sounded due to malfunction	8	12	15	13
736 CO detector activation due to malfunction	4	2	5	1
740 Unintentional transmission of alarm, Other	8	16	11	13
741 Sprinkler activation, no fire - unintentional	7	2	6	6
742 Extinguishing system activation	0	0	1	0
743 Smoke detector activation, no fire -	27	15	15	10
744 Detector activation, no fire - unintentional	10	15	8	12
745 Alarm system activation, no fire - unintentional	66	68	45	50
746 Carbon monoxide detector activation, no CO	6	1	5	2
813 Wind storm, tornado/hurricane assessment	2	0	1	0
814 Lightning strike (no fire)	0	0	1	0
911 Citizen complaint	2	0	3	2
Totals	2049	1824	1805	1849