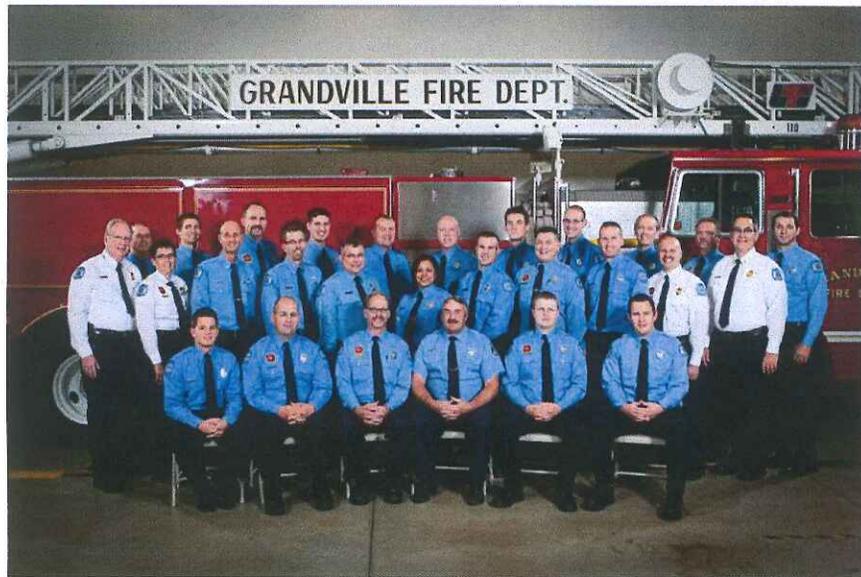


# Grandville Fire Department

## 2012 Annual Report





FIRE DEPARTMENT

3215 Wilson Avenue  
Grandville, MI 49418-1299  
Phone 616.530.6211  
Fax 616.534.4926

April, 2013

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

I am pleased to present you with the Grandville Fire Department Annual Report for calendar year 2012.

2012 was a relatively quiet year in terms of fires and other major incidents; however, our overall call volume was consistent with 2011. We remained active with training, fire prevention activities, fire inspections, child safety programs, and other community events throughout the year. In the pages that follow you will find detailed reports of these activities.

I would like to acknowledge and thank the City Manager, and the other city department heads and their staffs for all they do in support of our department over the course of a year. I'd also like to thank the City Council members for their continued interest and support of our department.

None what we accomplish in any year would be possible if not for the dedication, professionalism and commitment of my staff of Firefighters, both career and paid-on-call. I can't thank them enough for what they do for our department and our community.

Finally, on behalf of my entire department, I would like to thank the citizens of Grandville. Your support of our department is unrivaled. Grandville is truly a special place to live and work and we appreciate the opportunity to serve you.

Respectfully Submitted,

Michael W. May  
Fire Chief

## *Personnel*

2012 was another year in which we had significant personnel changes by both addition and subtraction. Our eight, new paid-on-call Firefighters that were hired in late 2011, Ryan Aushthof, Brian Ciluffo, James Keranen, Kevin Maday, Vanisa Martsolf, Wil Rouster and Dave Verstraete, successfully completed their training academy. They received their certifications in Firefighter I / II and Hazardous Materials Operations in an April graduation ceremony and were sworn in as Grandville Firefighters at the May 14, 2012 City Council meeting.

Our long time Administrative Assistant, Karen Burgenmeyer, retired in August after 18 years of dedicated service to the Fire Department and the citizens of Grandville. Karen's contributions to our department's successes over the years are immeasurable and she is greatly missed.



Chief May and Lt. Veldman with the new Firefighters



Karen Burgenmeyer

As part of a restructuring effort, a job share was worked out between the Fire Chief and Treasurer following Karen's retirement. Lynne Sytsma now splits her time between those departments providing administrative support to the Fire Department in the morning while working afternoons in the Treasury Office.

Consistent with the additional responsibilities that she has assumed, Lynnae White was promoted to the newly created Fire Marshal position in August.

Firefighter/EMT Tom Blake was chosen to fill the vacant full time Firefighter position in October following a very competitive and difficult selection process. Prior to accepting the full time assignment, Tom was an eleven year paid-on-call member of our department.

In December one of our retired paid-on-call Firefighters, Calvin Seeley, passed away. While the records from that era are less than clear, it is believed that Cal served for at least ten years in the 1970's and 1980's.

## ***Current Personnel:***

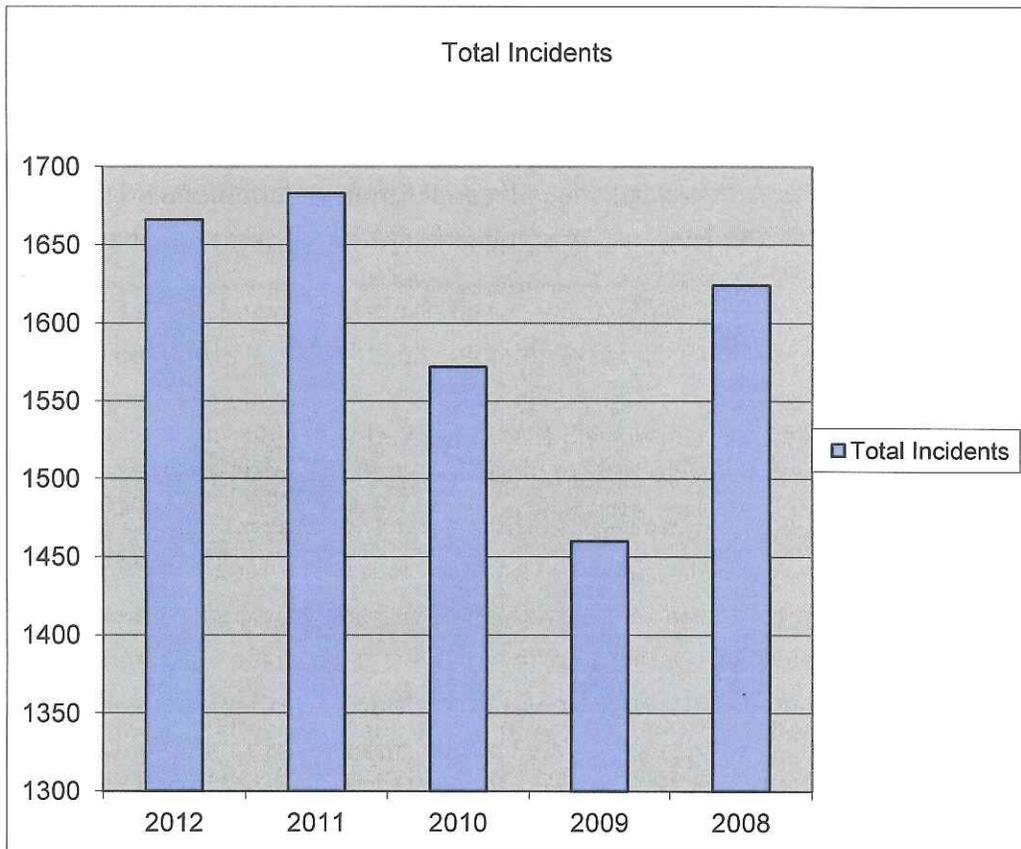
### Full Time Members

Michael May, Fire Chief (22 Years of Service)  
Lynnae White, Fire Marshal (14 Years of Service)  
Lt. Scott Veldman, Training Officer (15 Years of Service)  
Tom Blake, Firefighter/EMT (11 Years of Service)  
Tom Datema, Firefighter/EMT (22 Years of Service)  
Kevin McNutt, Firefighter/EMT (15 Years of Service)  
Kevin Newman, Firefighter/EMT (14 Years of Service)

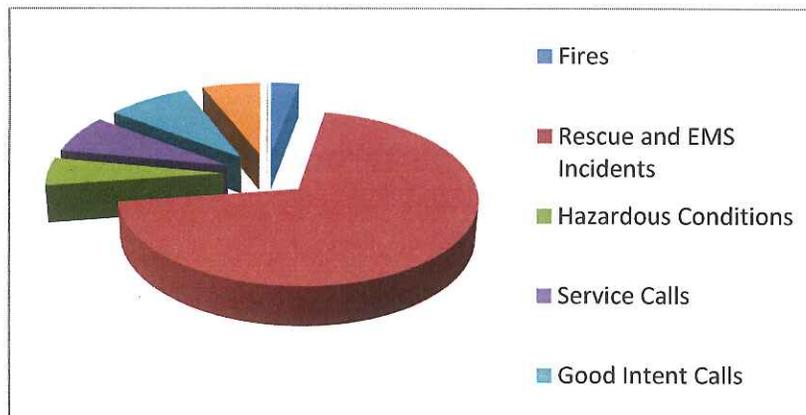
### Paid-on-Call Members

Ryan Austhof, Firefighter (1 Year of Service)  
Brian Ciluffo, Firefighter (1 Year of Service)  
Kevin Clark, Firefighter/MFR (5 Years of Service)  
Marcus DeRuyter, Firefighter (11 Years of Service)  
Richard Dwarshuis, Firefighter/EMT (21 Years of Service)  
Tony Grandy, Firefighter/MFR (26 Years of Service)  
Bret Groendyke, Firefighter/EMT (10 Years of Service)  
Scott Johnson, Lieutenant (30 Years of Service)  
James Keranen, Firefighter (1 Year of Service)  
Jay Kwiatkowski, Firefighter/MFR (7 Years of Service)  
Marc Larabel Jr., Firefighter (8 Years of Service)  
Gary Loew, Firefighter/EMT (3 Years of Service)  
Kevin Maday, Firefighter (1 Year of Service)  
Vanisa Martsof, Firefighter (1 Year of Service)  
Dennis McCrum, Firefighter (1 Year of Service)  
Kevin Pasma, Firefighter/MFR (18 Years of Service)  
Mark Perkin, Firefighter/EMT (18 Years of Service)  
Wil Rouster, Firefighter (1 Year of Service)  
Paul Schemper, Firefighter/Paramedic (5 Years of Service)  
Justin Stadt, Firefighter/EMT (5 Years of Service)  
Dan Stuk, Firefighter/EMT (9 Years of Service)  
David TerBeek, Firefighter (15 Years of Service)  
Dale VanKley, Firefighter (28 Years of Service)  
David Verstraete, Firefighter (1 Year of Service)  
James Walker, Firefighter/EMT (19 Years of Service)  
Matthew Young, Firefighter/Paramedic (3 Years of Service)

## Incident Responses



2012 was another busy year for our department. We responded to a total of 1,666 incidents, seventeen less incidents than in 2011. Unlike some other departments in the area, we were not substantially affected by the record breaking heat and drought that occurred over the summer.



**Fires** – We responded to 48 fires in 2012. The most significant of these are described below:

On April 15 at 10:00 AM the residents at 3380 Ottawa reported that their house was filling with smoke. Firefighters located a fire in the basement that they were able to confine to the area of origin. Our investigation determined that excessive lint build up in the clothes dryer had led to the fire which spread to other nearby items in the room. There was no resulting damage to the structure; however, there was smoke damage throughout the home. One of the occupants of the home was evaluated by EMS personnel at the scene for minor smoke inhalation, but did not require transport to the hospital.

Shortly after midnight on July 4, we were called to assist the Georgetown Township Fire Department with a structure fire at the Allen Springs Adult Assisted Living Community on Cottonwood in Jenison. Our department assisted in safely evacuating the residents of all 60 units in the building.

Our most significant fire of 2012 occurred on September 23, at 3809 30<sup>th</sup> Street. This is a turn of the century era home that has been renovated into 3 apartment units, 2 downstairs and 1 upstairs. The five occupants, (2 adults and 3 children) of one of the lower level apartments were awakened by their smoke detector shortly after 6:00 AM. Finding their apartment to be rapidly filling with smoke, they safely evacuated and called 9-1-1. Arriving Firefighters found a large fire in that apartment. The rest of the building was searched for remaining occupants and the bulk of the fire was extinguished within 15 minutes. There was significant damage to the structure that involved all three apartment units. Investigators determined that the fire was electrical in nature and had originated in the wiring leading to a light fixture in a closet. One of the occupants of the apartment where the fire originated was treated on the scene by EMS personnel for a medical issue related to the incident, but did not require hospitalization.

**Rescue and Emergency Medical Services** – Rescue and Emergency Medical Services incidents accounted for nearly 70% of our call volume in 2012 with 1,162 total incidents responded to. We respond to EMS incidents with our SUV Medical Squads which are staffed primarily by our full time personnel. They are supported, when necessary, by members of our paid-on-call staff, most of whom also are licensed EMS providers.



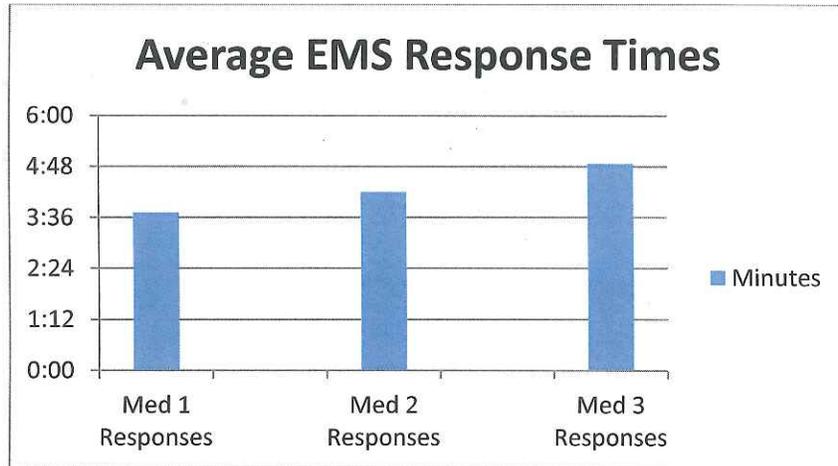
9-1-1 calls for medical emergencies are assigned one of three priorities or “Med Codes” by medically trained dispatchers:

- Med 1 – Life Threatening Emergency (Fire Dept. and ambulance respond with lights/sirens).
- Med 2 – Non Life Threatening Emergency (Fire Dept. responds with lights/sirens; ambulance responds non-emergency).
- Med 3 – Non Life Threatening Non-Emergency (All units respond non-emergency).

Our 2012 totals for each priority and their average response times were:

|                        |            |                                    |
|------------------------|------------|------------------------------------|
| <b>Med 1 Responses</b> | <b>485</b> | <b>Average response time: 3:38</b> |
| <b>Med 2 Responses</b> | <b>366</b> | <b>Average response time: 4:06</b> |
| <b>Med 3 Responses</b> | <b>291</b> | <b>Average response time: 4:29</b> |

Note that for the purposes of this report, the response time data was calculated using only calls in Grandville. Automatic or mutual aid responses into our neighboring communities were not factored into the averages.



**Mutual and Automatic Aid** – We continue to maintain strong working relationships with our neighboring departments as we all are facing the same challenges with having adequate numbers of personnel available, particularly during the day time. In 2012 we entered into a new automatic aid agreement with the Georgetown Township Fire Department. Under this agreement we automatically send resources to reported structure fires in the Eastern portion of their township. In return, they respond to reported structure fires in Grandville West of Wilson Avenue and North of 44<sup>th</sup> St.

## Training

Training is essential to the safe and successful operation of our department. We train sixteen times each year to ensure that our Firefighters are safe and effective in the performance of their duties and up to date on the latest techniques and technologies. Our EMS licensed personnel train an additional eight times each year to stay current and proficient with their medical knowledge and skills. Highlights of our 2012 training included:

In March we hosted a School Bus Rescue and Extrication course that was attended by 36 Firefighters representing 7 area departments, including ours. These personnel were trained by a nationally recognized expert in rescue and extrication techniques specific to school buses. This was very beneficial training and all of the participants are now better prepared to handle rescue incidents involving school buses in their communities.

In May and June we participated in several joint trainings with the Georgetown Township Fire Department in commercial and residential structures at Main St. and Baldwin that the township acquired as part of their beautification/gateway project. This was very timely as it coincided with our new automatic aid agreement with Georgetown and provided an opportunity for the personnel from both departments to become familiar with each other and their equipment and procedures.

Our collaborative agreement with the Wyoming Fire Department remained in place and active. Under this agreement we provide administrative support to their EMS continuing education programs in exchange for free access to their state approved fire training facility and staff.

Our Training Officer, Lt. Scott Veldman, and Firefighter Bret Groendyke both successfully completed the requirements to become state licensed EMS Instructor-Coordinators and Certified Fire Instructors.

Several of our members also had the opportunity to attend specialized training or professional development conferences. As noted below, many of these outside training opportunities were funded in all or part by various programs or groups that we partner with:

- **Michigan Association of Fire Chiefs Winter Workshop**  
Chief May
- **Michigan EMS Instructor-Coordinator Professional Development Conferences**  
Chief May (Spring) and Lt. Veldman (Fall) – *Partially funded by Kent County EMS*

- **Michigan Fire Inspector's Winter and Fall Conferences**  
Fire Marshal White – *Partially funded by MFIS*
- **Great Lakes Homeland Security Conference**  
Chief May – *Fully funded by Grand Rapids MMRS*
- **Michigan Association of Fire Chiefs Summer Conference**  
Chief May
- **National Improvised Explosives Familiarization Course**  
Lt. Veldman
- **Aircraft Firefighting and Rescue Techniques Training**  
8 Firefighters - *Fully funded by Grand Rapids MMRS*
- **2012 Firefighter and Fire Officer Survival Program**  
Lt. Veldman
- **Heavy Vehicle Extrication Course**  
9 Firefighters - *Fully funded by Grand Rapids MMRS*
- **Hybrid Vehicle Seminar for Emergency Responders**  
Lt. Veldman, FM White, FFs Groendyke and Young
- **Communicating with Hearing Impaired for First Responders**  
Lt. Veldman



## Fire and Life Safety Inspections

Fire and Life Safety code inspections are performed on a regular basis at commercial structures in Grandville. Our goals in performing these inspections are to enhance safety and reduce fire related property loss, injuries and deaths by ensuring that the adapted codes are being adhered to. Additionally, we use these visits as an opportunity to gather information that our personnel can use to more safely manage any incidents that might occur at the locations.

In 2012, a total of 90 fire and life safety inspections were conducted at local businesses. These inspections resulted in the detection of 121 code violations at 49 of the locations inspected. These violations were voluntarily corrected by the businesses, thus no enforcement actions were necessary.

Our staff members were also involved in plan review and acceptance for several Grandville area projects including the CWD projects at the new Bucktown Center, the WalMart expansion and the Gander Mountain renovation.



## Fire Prevention and Education Programs

We dedicate a significant amount of time and effort into our fire prevention and education programs for the community as we consider these programs vital to our overall mission. We work closely with our local schools to reach out to children often, especially in their pre-school and early elementary years. By the time they reach third grade, most students in Grandville have visited our department two or three times. Our school tours are handled by Firefighter Kevin Newman. When presenting to the younger children, Kevin is assisted by his puppet partner Freddy the Fireman. In 2012, Kevin and Freddy presented fire safety programs to approximately 800 students.

Each year on the first Tuesday in October we host our annual open house. This is a very popular event that is regularly attended by hundreds of people of all ages. Our personnel enjoy this opportunity to meet and greet the members of the community while showcasing our equipment and services and providing important safety information.

## Other Community Activities

In addition to our fire prevention, education and child safety programs we participated in several other community events in 2012:

- In May we open our station to the public as part of the annual Michigan Week City BBQ.
- The Fire Department is very involved with our annual July 4 celebration and related events.
- We supported the Grandville High Schools participation in the Wounded Warriors project by flying a large flag at a Grandville High School football game. We were assisted by the Wyoming Fire Department at this event.
- We again acted as a collection point for the Toys for Tots campaign. We were also a collection point for a group gathering coats and other cold weather apparel for the homeless in our area. The amounts of donations made to both causes were very substantial.



Wounded Warrior Event at GHS

## Acknowledgements

We sincerely thank you for your interest in our department and for your continued support of our programs and personnel. Feel free to contact our offices if you have any questions about this report, or our services.

We would also like to thank Dan Johnson and Friends Photography and Chief Dan Hamming from the Georgetown Township Fire Department for supplying some of the photographs used in this report.

**Grandville Fire Department**

**Incident Type Report (Summary All Incidents)**

**Alarm Date Between {01/01/2012} And {12/31/2012}**

| <b>Incident Type</b>                                     | <b>Count</b> | <b>Pct of Incidents</b> | <b>Total Est Loss</b> | <b>Pct of Losses</b> |
|--|--------------|-------------------------|-----------------------|----------------------|
| <b>1 Fire</b>  |              |                         |                       |                      |
| 100 Fire, Other  | 1            | 0.06%                   | \$0                   | 0.00%                |
| 111 Building fire  | 16           | 0.96%                   | \$157,500             | 96.63%               |
| 112 Fires in structure other than in a building          | 1            | 0.06%                   | \$200                 | 0.12%                |
| 115 Incinerator overload or malfunction, fire            | 1            | 0.06%                   | \$200                 | 0.12%                |
| 116 Fuel burner/boiler malfunction, fire                 | 1            | 0.06%                   | \$0                   | 0.00%                |
| 118 Trash or rubbish fire, contained                     | 2            | 0.12%                   | \$100                 | 0.06%                |
| 131 Passenger vehicle fire                               | 3            | 0.18%                   | \$3,200               | 1.96%                |
| 140 Natural vegetation fire, Other                       | 4            | 0.24%                   | \$0                   | 0.00%                |
| 141 Forest, woods or wildland fire                       | 1            | 0.06%                   | \$0                   | 0.00%                |
| 142 Brush or brush-and-grass mixture fire                | 3            | 0.18%                   | \$0                   | 0.00%                |
| 143 Grass fire   | 7            | 0.42%                   | \$0                   | 0.00%                |
| 154 Dumpster or other outside trash receptacle           | 4            | 0.24%                   | \$200                 | 0.12%                |
| 160 Special outside fire, Other                          | 2            | 0.12%                   | \$1,050               | 0.64%                |
| 162 Outside equipment fire                               | 2            | 0.12%                   | \$20                  | 0.01%                |
|  | <b>48</b>    | <b>2.88%</b>            | <b>\$162,470</b>      | <b>99.68%</b>        |
| <b>3 Rescue &amp; Emergency Medical Service Incident</b> |              |                         |                       |                      |
| 300 Rescue, EMS incident, other                          | 1            | 0.06%                   | \$0                   | 0.00%                |
| 311 Medical assist, assist EMS crew                      | 68           | 4.08%                   | \$0                   | 0.00%                |
| 320 Emergency medical service, other                     | 3            | 0.18%                   | \$0                   | 0.00%                |
| 321 EMS call, excluding vehicle accident with            | 932          | 55.94%                  | \$0                   | 0.00%                |
| 322 Motor vehicle accident with injuries                 | 82           | 4.92%                   | \$0                   | 0.00%                |
| 323 Motor vehicle/pedestrian accident (MV Ped)           | 7            | 0.42%                   | \$0                   | 0.00%                |
| 324 Motor Vehicle Accident with no injuries              | 49           | 2.94%                   | \$0                   | 0.00%                |
| 331 Lock-in (if lock out , use 511 )                     | 15           | 0.90%                   | \$0                   | 0.00%                |
| 350 Extrication, rescue, Other                           | 2            | 0.12%                   | \$0                   | 0.00%                |
| 381 Rescue or EMS standby                                | 3            | 0.18%                   | \$0                   | 0.00%                |
|  | <b>1,162</b> | <b>69.74%</b>           | <b>\$0</b>            | <b>0.00%</b>         |
| <b>4 Hazardous Condition (No Fire)</b>                   |              |                         |                       |                      |
| 400 Hazardous condition, Other                           | 2            | 0.12%                   | \$0                   | 0.00%                |
| 411 Gasoline or other flammable liquid spill             | 6            | 0.36%                   | \$0                   | 0.00%                |
| 412 Gas leak (natural gas or LPG)                        | 6            | 0.36%                   | \$0                   | 0.00%                |
| 424 Carbon monoxide incident                             | 8            | 0.48%                   | \$0                   | 0.00%                |
| 440 Electrical wiring/equipment problem, Other           | 9            | 0.54%                   | \$10                  | 0.00%                |
| 441 Heat from short circuit (wiring),                    | 2            | 0.12%                   | \$0                   | 0.00%                |
| 442 Overheated motor                                     | 3            | 0.18%                   | \$0                   | 0.00%                |
| 444 Power line down                                      | 10           | 0.60%                   | \$500                 | 0.30%                |
| 4441 Low voltage line (cable / phone) down               | 22           | 1.32%                   | \$0                   | 0.00%                |
| 445 Arcing, shorted electrical equipment                 | 7            | 0.42%                   | \$0                   | 0.00%                |
| 460 Accident, potential accident, Other                  | 1            | 0.06%                   | \$0                   | 0.00%                |

**Grandville Fire Department**

**Incident Type Report (Summary All Incidents)**

**Alarm Date Between {01/01/2012} And {12/31/2012}**

| <b>Incident Type</b>                           | <b>Count</b> | <b>Pct of Incidents</b> | <b>Total Est Loss</b> | <b>Pct of Losses</b> |
|--|--------------|-------------------------|-----------------------|----------------------|
| <b>4 Hazardous Condition (No Fire)</b>         |              |                         |                       |                      |
| 463 Vehicle accident, general cleanup          | 12           | 0.72%                   | \$0                   | 0.00%                |
| 471 Explosive, bomb removal (for bomb scare,   | 1            | 0.06%                   | \$0                   | 0.00%                |
|  | <b>89</b>    | <b>5.34%</b>            | <b>\$510</b>          | <b>0.31%</b>         |
| <b>5 Service Call</b>                          |              |                         |                       |                      |
| 500 Service Call, other                        | 6            | 0.36%                   | \$0                   | 0.00%                |
| 510 Person in distress, Other                  | 4            | 0.24%                   | \$0                   | 0.00%                |
| 511 Lock-out                                   | 9            | 0.54%                   | \$0                   | 0.00%                |
| 531 Smoke or odor removal                      | 6            | 0.36%                   | \$0                   | 0.00%                |
| 541 Animal problem                             | 1            | 0.06%                   | \$0                   | 0.00%                |
| 542 Animal rescue                              | 5            | 0.30%                   | \$0                   | 0.00%                |
| 551 Assist police or other governmental agency | 10           | 0.60%                   | \$0                   | 0.00%                |
| 552 Police matter                              | 38           | 2.28%                   | \$0                   | 0.00%                |
| 553 Public service                             | 1            | 0.06%                   | \$0                   | 0.00%                |
| 554 Assist invalid                             | 20           | 1.20%                   | \$0                   | 0.00%                |
| 561 Unauthorized burning                       | 16           | 0.96%                   | \$0                   | 0.00%                |
| 571 Cover assignment, standby, moveup          | 5            | 0.30%                   | \$0                   | 0.00%                |
|  | <b>121</b>   | <b>7.26%</b>            | <b>\$0</b>            | <b>0.00%</b>         |
| <b>6 Good Intent Call</b>                      |              |                         |                       |                      |
| 600 Good intent call, Other                    | 23           | 1.38%                   | \$0                   | 0.00%                |
| 611 Dispatched & cancelled en route            | 75           | 4.50%                   | \$0                   | 0.00%                |
| 622 No Incident found on arrival at dispatch   | 33           | 1.98%                   | \$0                   | 0.00%                |
| 631 Authorized controlled burning              | 5            | 0.30%                   | \$0                   | 0.00%                |
| 651 Smoke scare, odor of smoke                 | 6            | 0.36%                   | \$0                   | 0.00%                |
| 652 Steam, vapor, fog or dust thought to be    | 2            | 0.12%                   | \$0                   | 0.00%                |
| 661 EMS call, party transported by non-fire    | 1            | 0.06%                   | \$0                   | 0.00%                |
|  | <b>145</b>   | <b>8.70%</b>            | <b>\$0</b>            | <b>0.00%</b>         |
| <b>7 False Alarm &amp; False Call</b>          |              |                         |                       |                      |
| 700 False alarm or false call, Other           | 12           | 0.72%                   | \$0                   | 0.00%                |
| 731 Sprinkler activation due to malfunction    | 1            | 0.06%                   | \$0                   | 0.00%                |
| 733 Smoke detector activation due to           | 3            | 0.18%                   | \$0                   | 0.00%                |
| 735 Alarm system sounded due to malfunction    | 9            | 0.54%                   | \$0                   | 0.00%                |
| 736 CO detector activation due to malfunction  | 1            | 0.06%                   | \$0                   | 0.00%                |
| 740 Unintentional transmission of alarm, Other | 5            | 0.30%                   | \$0                   | 0.00%                |
| 741 Sprinkler activation, no fire -            | 3            | 0.18%                   | \$0                   | 0.00%                |
| 743 Smoke detector activation, no fire -       | 10           | 0.60%                   | \$0                   | 0.00%                |
| 744 Detector activation, no fire -             | 13           | 0.78%                   | \$0                   | 0.00%                |
| 745 Alarm system activation, no fire -         | 39           | 2.34%                   | \$0                   | 0.00%                |

**Grandville Fire Department**

**Incident Type Report (Summary All Incidents)**

**Alarm Date Between {01/01/2012} And {12/31/2012}**

| Incident Type                                  | Count      | Pct of Incidents | Total Est Loss | Pct of Losses |
|--|------------|------------------|----------------|---------------|
| <b>7 False Alarm &amp; False Call</b>          |            |                  |                |               |
| 746 Carbon monoxide detector activation, no CO | 4          | 0.24%            | \$0            | 0.00%         |
|  | <u>100</u> | <u>6.00%</u>     | <u>\$0</u>     | <u>0.00%</u>  |
| <b>8 Severe Weather &amp; Natural Disaster</b> |            |                  |                |               |
| 813 Wind storm, tornado/hurricane assessment   | 1          | 0.06%            | \$0            | 0.00%         |
|  | <u>1</u>   | <u>0.06%</u>     | <u>\$0</u>     | <u>0.00%</u>  |

Total Incident Count: 1666

Total Est Loss:

\$162,980

Grandville Fire Department

EMS Reason for Call Analysis

Alarm Date Between {01/01/2012} And {12/31/2012}

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| Incident                   | Date | Time |
|----------------------------|------|------|
| Abdominal Pain             |      |      |
| Total Incidents for Reason |      | 35   |
| Allergies                  |      |      |
| Total Incidents for Reason |      | 6    |
| Animal Bite                |      |      |
| Total Incidents for Reason |      | 1    |
| Assault                    |      |      |
| Total Incidents for Reason |      | 16   |
| Back Pain                  |      |      |
| Total Incidents for Reason |      | 22   |
| Breathing Problem          |      |      |
| Total Incidents for Reason |      | 126  |
| Burns                      |      |      |
| Total Incidents for Reason |      | 3    |
| Cardiac Arrest             |      |      |
| Total Incidents for Reason |      | 6    |
| Chest Pain                 |      |      |
| Total Incidents for Reason |      | 81   |
| Choking                    |      |      |
| Total Incidents for Reason |      | 7    |

Grandville Fire Department

EMS Reason for Call Analysis

Alarm Date Between {01/01/2012} And {12/31/2012}

| Incident   | Date | Time |
|--|------|------|
| Convulsions/Seizure                                |      |      |
| Total Incidents for Reason                         |      | 62   |
| Diabetic Problem                                   |      |      |
| Total Incidents for Reason                         |      | 56   |
| Electrocution                                      |      |      |
| Total Incidents for Reason                         |      | 1    |
| Eye Problem  |      |      |
| Total Incidents for Reason                         |      | 2    |
| Fall Victim  |      |      |
| Total Incidents for Reason                         |      | 128  |
| Headache   |      |      |
| Total Incidents for Reason                         |      | 5    |
| Heart Problems                                     |      |      |
| Total Incidents for Reason                         |      | 4    |
| Heat/Cold Exposure                                 |      |      |
| Total Incidents for Reason                         |      | 7    |
| Hemorrhage/Laceration                              |      |      |
| Total Incidents for Reason                         |      | 22   |
| Indstrl Accident/Inaccessible Incidnt/Other Entrap |      |      |
| Total Incidents for Reason                         |      | 1    |

Grandville Fire Department

EMS Reason for Call Analysis

Alarm Date Between {01/01/2012} And {12/31/2012}

---

| Incident                   | Date | Time |
|----------------------------|------|------|
| Ingestion/Poisoning        |      |      |
| Total Incidents for Reason |      | 17   |
| Not Applicable             |      |      |
| Total Incidents for Reason |      | 5    |
| Not Available              |      |      |
| Total Incidents for Reason |      | 23   |
| Not Known                  |      |      |
| Total Incidents for Reason |      | 3    |
| Pregnancy/Childbirth       |      |      |
| Total Incidents for Reason |      | 2    |
| Psychiatric Problems       |      |      |
| Total Incidents for Reason |      | 66   |
| Sick Person                |      |      |
| Total Incidents for Reason |      | 71   |
| Stab/Gunshot Wound         |      |      |
| Total Incidents for Reason |      | 1    |
| Stroke/CVA                 |      |      |
| Total Incidents for Reason |      | 23   |
| Traffic Accident           |      |      |
| Total Incidents for Reason |      | 162  |

Grandville Fire Department

EMS Reason for Call Analysis

Alarm Date Between {01/01/2012} And {12/31/2012}

| Incident                   | Date | Time |                    |
|----------------------------|------|------|--------------------|
| Traumatic Injury           |      |      |                    |
| Total Incidents for Reason |      | 64   |                    |
| Unconscious/Fainting       |      |      |                    |
| Total Incidents for Reason |      | 83   |                    |
| Unknown Problem/Man Down   |      |      |                    |
| Total Incidents for Reason |      | 64   |                    |
| Total Incidents            | 1175 |      |                    |
|                            |      |      | Total Patients 857 |

**Grandville Fire Department**

**Incident Type Period Comparisons**

**Alarm Date Between {01/01/2012} and {12/31/2012}**

| Incident Type  | 01/01/2012 | 01/01/2011 | 01/01/2010 | 01/01/2009 |
|--|------------|------------|------------|------------|
|  | to         | to         | to         | to         |
|  | 12/31/2012 | 12/31/2011 | 12/31/2010 | 12/31/2009 |
| 100 Fire, Other                                      | 1          | 2          | 1          | 1          |
| 111 Building fire                                    | 16         | 16         | 21         | 10         |
| 112 Fires in structure other than in a building      | 1          | 0          | 1          | 1          |
| 113 Cooking fire, confined to container              | 0          | 2          | 2          | 4          |
| 115 Incinerator overload or malfunction, fire        | 1          | 0          | 0          | 1          |
| 116 Fuel burner/boiler malfunction, fire confined    | 1          | 1          | 0          | 0          |
| 118 Trash or rubbish fire, contained                 | 2          | 0          | 1          | 1          |
| 121 Fire in mobile home used as fixed residence      | 0          | 0          | 1          | 0          |
| 130 Mobile property (vehicle) fire, Other            | 0          | 0          | 1          | 1          |
| 131 Passenger vehicle fire                           | 3          | 9          | 11         | 18         |
| 132 Road freight or transport vehicle fire           | 0          | 3          | 0          | 2          |
| 140 Natural vegetation fire, Other                   | 4          | 0          | 1          | 0          |
| 141 Forest, woods or wildland fire                   | 1          | 1          | 0          | 0          |
| 142 Brush or brush-and-grass mixture fire            | 3          | 1          | 1          | 2          |
| 143 Grass fire                                       | 7          | 0          | 1          | 1          |
| 151 Outside rubbish, trash or waste fire             | 0          | 4          | 1          | 1          |
| 153 Construction or demolition landfill fire         | 0          | 1          | 1          | 0          |
| 154 Dumpster or other outside trash receptacle fire  | 4          | 2          | 3          | 4          |
| 160 Special outside fire, Other                      | 2          | 1          | 0          | 2          |
| 162 Outside equipment fire                           | 2          | 0          | 1          | 0          |
| 200 Overpressure rupture, explosion, overheat other  | 0          | 1          | 0          | 0          |
| 251 Excessive heat, scorch burns with no ignition    | 0          | 0          | 0          | 1          |
| 300 Rescue, EMS incident, other                      | 1          | 1          | 1          | 5          |
| 311 Medical assist, assist EMS crew                  | 68         | 56         | 38         | 33         |
| 320 Emergency medical service, other                 | 3          | 0          | 0          | 0          |
| 321 EMS call, excluding vehicle accident with injury | 932        | 933        | 956        | 853        |
| 322 Motor vehicle accident with injuries             | 82         | 77         | 60         | 77         |
| 323 Motor vehicle/pedestrian accident (MV Ped)       | 7          | 4          | 2          | 4          |
| 324 Motor Vehicle Accident with no injuries          | 49         | 52         | 34         | 37         |
| 331 Lock-in (if lock out , use 511 )                 | 15         | 9          | 6          | 20         |
| 341 Search for person on land                        | 0          | 0          | 0          | 1          |
| 350 Extrication, rescue, Other                       | 2          | 0          | 0          | 0          |
| 352 Extrication of victim(s) from vehicle            | 0          | 1          | 2          | 1          |
| 353 Removal of victim(s) from stalled elevator       | 0          | 2          | 0          | 0          |
| 357 Extrication of victim(s) from machinery          | 0          | 1          | 0          | 0          |
| 381 Rescue or EMS standby                            | 3          | 4          | 1          | 1          |
| 400 Hazardous condition, Other                       | 2          | 1          | 5          | 6          |
| 411 Gasoline or other flammable liquid spill         | 6          | 10         | 7          | 5          |
| 412 Gas leak (natural gas or LPG)                    | 6          | 6          | 8          | 7          |
| 413 Oil or other combustibile liquid spill           | 0          | 0          | 0          | 1          |
| 420 Toxic condition, Other                           | 0          | 1          | 1          | 0          |

# Grandville Fire Department

## Incident Type Period Comparisons

Alarm Date Between {01/01/2012} and {12/31/2012}

| Incident Type  | 01/01/2012 | 01/01/2011 | 01/01/2010 | 01/01/2009 |
|--|------------|------------|------------|------------|
|  | to         | to         | to         | to         |
|  | 12/31/2012 | 12/31/2011 | 12/31/2010 | 12/31/2009 |
| 424 Carbon monoxide incident                         | 8          | 3          | 6          | 8          |
| 440 Electrical wiring/equipment problem, Other       | 9          | 6          | 15         | 4          |
| 441 Heat from short circuit (wiring), defective/worn | 2          | 1          | 3          | 0          |
| 442 Overheated motor                                 | 3          | 2          | 1          | 3          |
| 443 Breakdown of light ballast                       | 0          | 2          | 1          | 0          |
| 444 Power line down                                  | 10         | 21         | 25         | 16         |
| 4441 Low voltage line (cable / phone) down           | 22         | 20         | 1          | 0          |
| 445 Arcing, shorted electrical equipment             | 7          | 15         | 5          | 7          |
| 460 Accident, potential accident, Other              | 1          | 1          | 0          | 2          |
| 463 Vehicle accident, general cleanup                | 12         | 3          | 6          | 5          |
| 471 Explosive, bomb removal (for bomb scare, use     | 1          | 0          | 0          | 1          |
| 500 Service Call, other                              | 6          | 10         | 13         | 5          |
| 510 Person in distress, Other                        | 4          | 7          | 13         | 11         |
| 511 Lock-out   | 9          | 14         | 10         | 13         |
| 520 Water problem, Other                             | 0          | 0          | 0          | 1          |
| 522 Water or steam leak                              | 0          | 1          | 0          | 3          |
| 531 Smoke or odor removal                            | 6          | 5          | 3          | 3          |
| 541 Animal problem                                   | 1          | 0          | 0          | 1          |
| 542 Animal rescue                                    | 5          | 0          | 2          | 3          |
| 550 Public service assistance, Other                 | 0          | 0          | 2          | 2          |
| 551 Assist police or other governmental agency       | 10         | 6          | 5          | 6          |
| 552 Police matter                                    | 38         | 26         | 17         | 16         |
| 553 Public service                                   | 1          | 4          | 2          | 2          |
| 554 Assist invalid                                   | 20         | 32         | 28         | 29         |
| 561 Unauthorized burning                             | 16         | 14         | 16         | 18         |
| 571 Cover assignment, standby, moveup                | 5          | 6          | 3          | 2          |
| 600 Good intent call, Other                          | 23         | 22         | 39         | 15         |
| 611 Dispatched & cancelled en route                  | 75         | 73         | 39         | 35         |
| 621 Wrong location                                   | 0          | 1          | 2          | 0          |
| 622 No Incident found on arrival at dispatch address | 33         | 26         | 17         | 22         |
| 631 Authorized controlled burning                    | 5          | 3          | 2          | 2          |
| 6311 Legal burning requested to extinguish           | 0          | 2          | 0          | 0          |
| 650 Steam, Other gas mistaken for smoke, Other       | 0          | 1          | 0          | 0          |
| 651 Smoke scare, odor of smoke                       | 6          | 8          | 10         | 12         |
| 652 Steam, vapor, fog or dust thought to be smoke    | 2          | 1          | 3          | 3          |
| 653 Smoke from barbecue, tar kettle                  | 0          | 0          | 1          | 0          |
| 661 EMS call, party transported by non-fire agency   | 1          | 1          | 1          | 0          |
| 671 HazMat release investigation w/no HazMat         | 0          | 1          | 0          | 0          |
| 700 False alarm or false call, Other                 | 12         | 15         | 6          | 6          |
| 710 Malicious, mischievous false call, Other         | 0          | 4          | 0          | 2          |
| 715 Local alarm system, malicious false alarm        | 0          | 1          | 1          | 0          |

**Grandville Fire Department**

**Incident Type Period Comparisons**

**Alarm Date Between {01/01/2012} and {12/31/2012}**

| Incident Type  | 01/01/2012       | 01/01/2011       | 01/01/2010       | 01/01/2009       |
|--|------------------|------------------|------------------|------------------|
|  | to<br>12/31/2012 | to<br>12/31/2011 | to<br>12/31/2010 | to<br>12/31/2009 |
| 721 Bomb scare - no bomb                             | 0                | 2                | 0                | 2                |
| 731 Sprinkler activation due to malfunction          | 1                | 0                | 4                | 4                |
| 732 Extinguishing system activation due to           | 0                | 1                | 0                | 0                |
| 733 Smoke detector activation due to malfunction     | 3                | 2                | 2                | 10               |
| 735 Alarm system sounded due to malfunction          | 9                | 18               | 4                | 17               |
| 736 CO detector activation due to malfunction        | 1                | 6                | 0                | 6                |
| 740 Unintentional transmission of alarm, Other       | 5                | 6                | 5                | 2                |
| 741 Sprinkler activation, no fire - unintentional    | 3                | 3                | 2                | 0                |
| 742 Extinguishing system activation                  | 0                | 2                | 0                | 1                |
| 743 Smoke detector activation, no fire -             | 10               | 10               | 15               | 14               |
| 744 Detector activation, no fire - unintentional     | 13               | 9                | 14               | 3                |
| 745 Alarm system activation, no fire - unintentional | 39               | 51               | 50               | 35               |
| 746 Carbon monoxide detector activation, no CO       | 4                | 7                | 6                | 7                |
| 813 Wind storm, tornado/hurricane assessment         | 1                | 2                | 0                | 0                |
| 814 Lightning strike (no fire)                       | 0                | 3                | 0                | 0                |
| 911 Citizen complaint                                | 0                | 1                | 3                | 0                |
| <b>Totals</b>  | <u>1666</u>      | <u>1683</u>      | <u>1572</u>      | <u>1460</u>      |