



# ALBERTVILLE FIRE DEPARTMENT

## 2019 Annual Report





# ALBERTVILLE FIRE DEPARTMENT

- **Mission Statement**

Albertville Fire Department members are highly trained and dedicated to their community in order to maintain the following oath to our citizens:

"The mission of the Albertville Fire Department is to minimize the loss of life and property from fire, natural disaster, and hazardous material incidents; and to save lives by providing emergency services in life threatening situations in the Cities of Albertville and Otsego; and to perform these services in a safe and efficient manner by maintaining effective emergency response, life safety principles, fire suppression initiatives, and fire prevention training."

- **Vision Statement**

"The Albertville Fire Department is committed to providing a superior level of emergency service that continually improves the quality of life, health, and safety of the people who live, work in, and visit our community."



# ALBERTVILLE FIRE DEPARTMENT

- The Albertville Fire Department is committed to the following Core Values:
  - ❖ Integrity
  - ❖ Professionalism
  - ❖ Honor
  - ❖ Dedication

Integrity: That our moral principles and intellectual honesty will carry through to the Fire Department and everything we do in the community.

Professionalism: We hold our individual involvement in this profession to the highest standards through committed, quality service to our community. We exemplify our professionalism in the way we take pride in ourselves through our service and day-to-day interactions.

Honor: We are committed to honesty, moral values, and ethics in all that we do. We believe that every action we take reflects on all the members of the Fire Department, both past and present.

Dedication: We hold a passionate belief in our mission as a Fire Department.

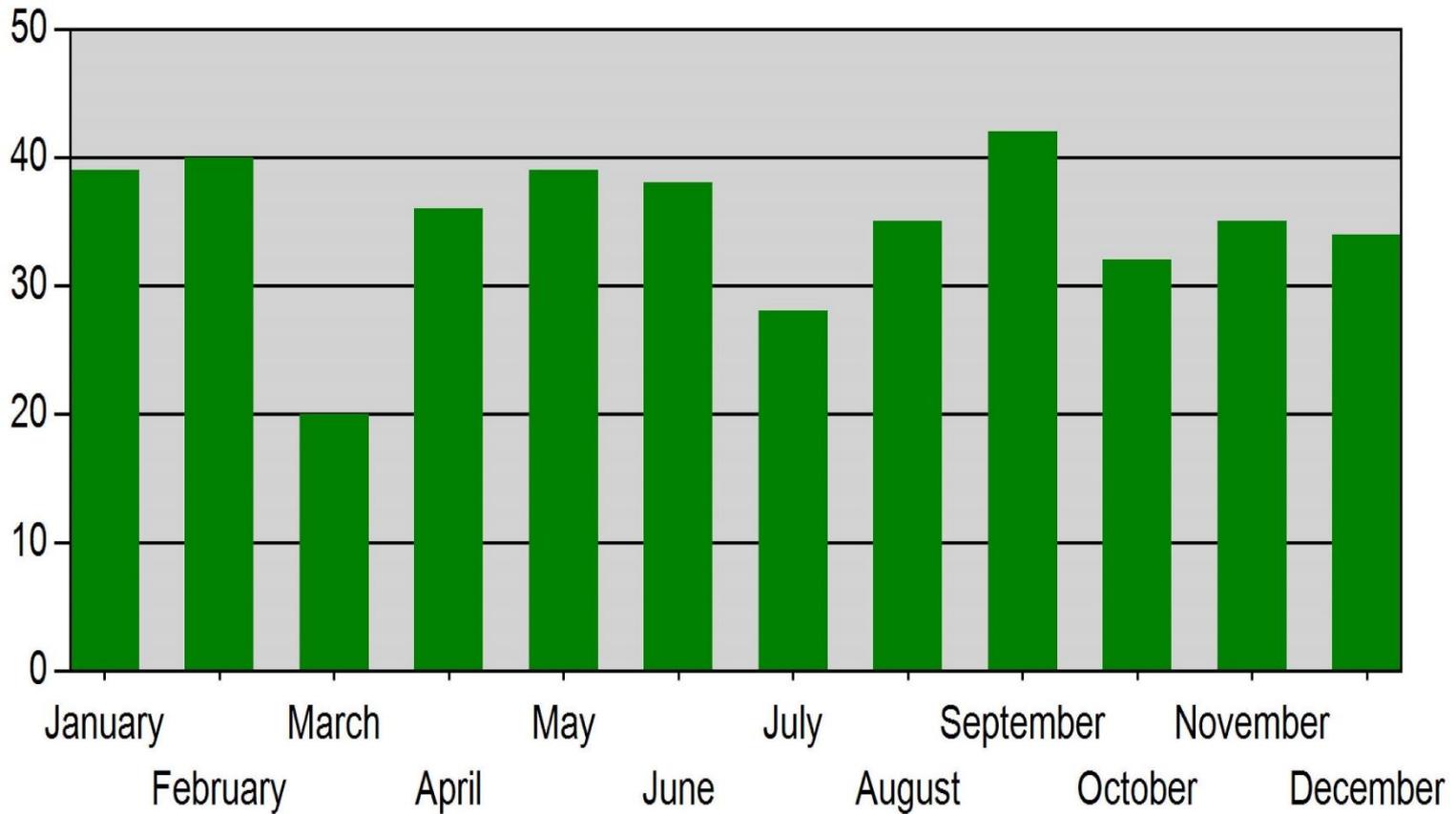


# 2019 Call Data



# Calls for Service

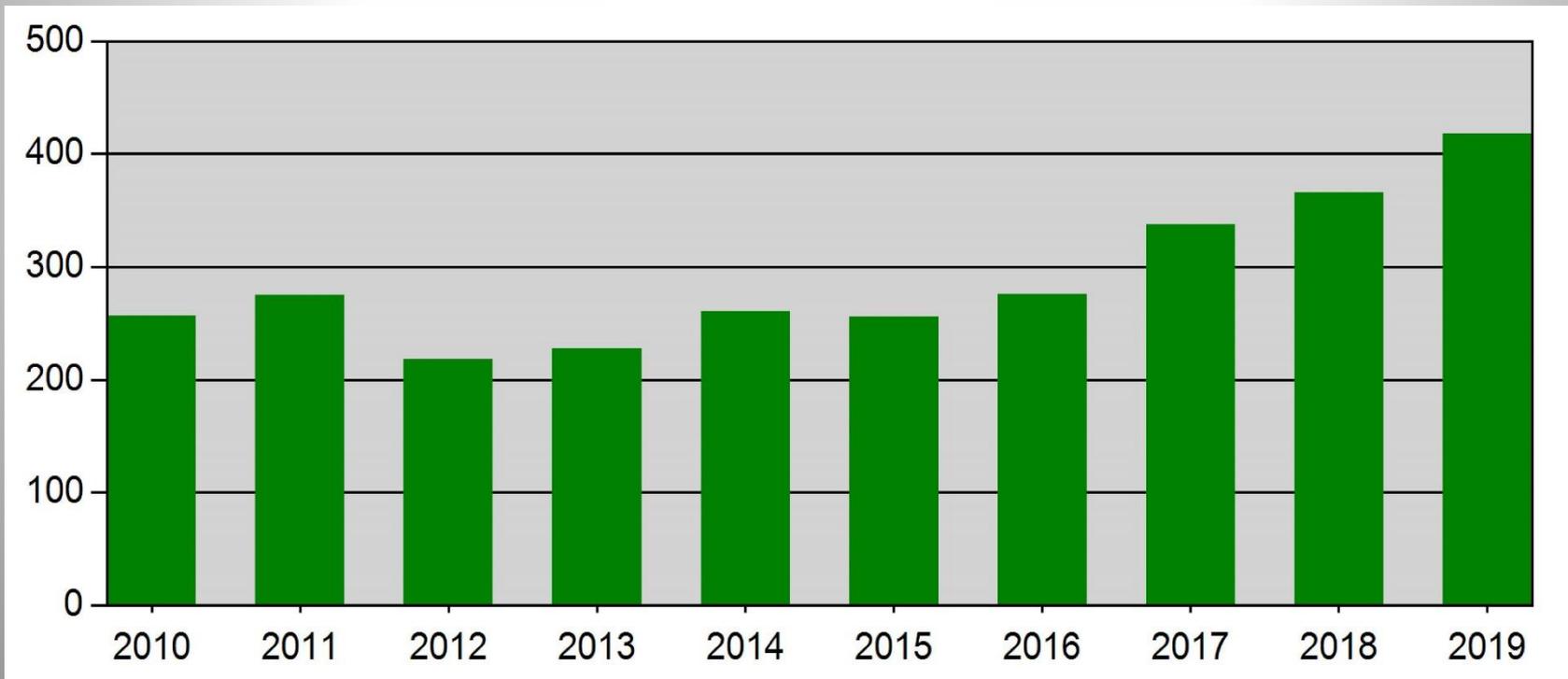
○ Total Calls in 2019: 418





# Yearly Call Volume

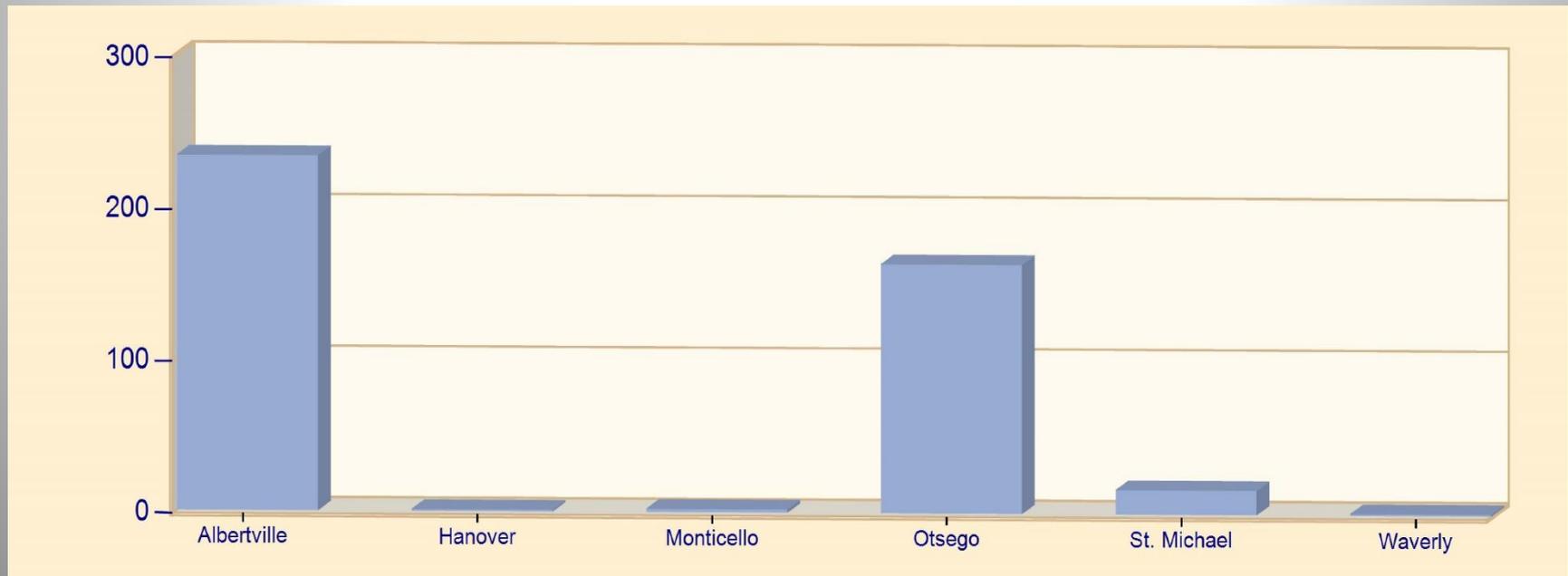
- Annual call volume has increased by 62.65% since 2010.





# Calls for Service by City:

- Total Calls in 2019: 418
  - Albertville: 234 (55.98%)
  - Otsego: 164 (39.23%)
  - Mutual Aid: 20 (4.78%)





# Calls by Day and Time

| Hour                    | Sun    | Mon    | Tue    | Wed    | Thu    | Fri    | Sat    | Hour  | Total per Hour | Percent |
|-------------------------|--------|--------|--------|--------|--------|--------|--------|-------|----------------|---------|
| 00:00                   | 3      | 1      | 0      | 2      | 1      | 3      | 1      | 00:00 | 11             | 2.63%   |
| 01:00                   | 0      | 1      | 2      | 2      | 0      | 3      | 1      | 01:00 | 9              | 2.15%   |
| 02:00                   | 1      | 2      | 2      | 0      | 4      | 1      | 0      | 02:00 | 10             | 2.39%   |
| 03:00                   | 2      | 4      | 0      | 1      | 2      | 1      | 2      | 03:00 | 12             | 2.87%   |
| 04:00                   | 1      | 2      | 1      | 2      | 1      | 2      | 0      | 04:00 | 9              | 2.15%   |
| 05:00                   | 2      | 0      | 3      | 2      | 0      | 1      | 3      | 05:00 | 11             | 2.63%   |
| 06:00                   | 2      | 3      | 3      | 3      | 1      | 3      | 1      | 06:00 | 16             | 3.83%   |
| 07:00                   | 0      | 2      | 3      | 2      | 2      | 1      | 2      | 07:00 | 12             | 2.87%   |
| 08:00                   | 2      | 3      | 0      | 4      | 2      | 2      | 1      | 08:00 | 14             | 3.35%   |
| 09:00                   | 2      | 4      | 2      | 2      | 3      | 2      | 2      | 09:00 | 17             | 4.07%   |
| 10:00                   | 3      | 2      | 3      | 4      | 2      | 3      | 1      | 10:00 | 18             | 4.31%   |
| 11:00                   | 3      | 3      | 8      | 5      | 4      | 3      | 4      | 11:00 | 30             | 7.18%   |
| 12:00                   | 4      | 0      | 4      | 2      | 5      | 1      | 1      | 12:00 | 17             | 4.07%   |
| 13:00                   | 4      | 1      | 2      | 3      | 4      | 4      | 0      | 13:00 | 18             | 4.31%   |
| 14:00                   | 3      | 2      | 2      | 2      | 7      | 1      | 4      | 14:00 | 21             | 5.02%   |
| 15:00                   | 6      | 5      | 1      | 4      | 2      | 3      | 0      | 15:00 | 21             | 5.02%   |
| 16:00                   | 0      | 5      | 3      | 5      | 6      | 4      | 4      | 16:00 | 27             | 6.46%   |
| 17:00                   | 1      | 2      | 4      | 2      | 4      | 7      | 2      | 17:00 | 22             | 5.26%   |
| 18:00                   | 4      | 2      | 5      | 4      | 6      | 3      | 5      | 18:00 | 29             | 6.94%   |
| 19:00                   | 3      | 3      | 6      | 1      | 5      | 2      | 1      | 19:00 | 21             | 5.02%   |
| 20:00                   | 3      | 7      | 3      | 1      | 2      | 3      | 4      | 20:00 | 23             | 5.50%   |
| 21:00                   | 0      | 5      | 1      | 2      | 4      | 5      | 1      | 21:00 | 18             | 4.31%   |
| 22:00                   | 2      | 8      | 1      | 3      | 1      | 2      | 3      | 22:00 | 20             | 4.78%   |
| 23:00                   | 2      | 1      | 0      | 4      | 1      | 4      | 0      | 23:00 | 12             | 2.87%   |
| Total Responses for Day | 53     | 68     | 59     | 62     | 69     | 64     | 43     | Total | 418            | 100.00% |
| % of Responses for Day  | 11.32% | 11.76% | 13.56% | 8.06%  | 10.14% | 10.94% | 11.63% |       |                |         |
| % of Responses for Week | 12.68% | 16.27% | 14.11% | 14.83% | 16.51% | 15.31% | 10.29% |       |                |         |

Maximum call volumes for each day are shown with a RED background, and maximum call volumes for each hour are shown with a BLUE background



# Incident Statistics

| INCIDENT COUNT   |                           |                               |                             |
|--|---------------------------|-------------------------------|-----------------------------|
| INCIDENT TYPE  |                           | # INCIDENTS                   |                             |
| EMS  |                           | 215                           |                             |
| FIRE   |                           | 203                           |                             |
| <b>TOTAL</b>   |                           | <b>418</b>                    |                             |
| TOTAL TRANSPORTS (N2 and N3)                                   |                           |                               |                             |
| APPARATUS  | # of APPARATUS TRANSPORTS | # of PATIENT TRANSPORTS       | TOTAL # of PATIENT CONTACTS |
| <b>TOTAL</b>   |                           |                               |                             |
| PRE-INCIDENT VALUE   |                           | LOSSES                        |                             |
| <b>\$4,963,321.00</b>  |                           | <b>\$1,088,750.00</b>         |                             |
| CO CHECKS  |                           |                               |                             |
| 424 - Carbon monoxide incident                                 |                           | 17                            |                             |
| 746 - Carbon monoxide detector activation, no CO               |                           | 2                             |                             |
| <b>TOTAL</b>   |                           | <b>19</b>                     |                             |
| MUTUAL AID   |                           |                               |                             |
| Aid Type   |                           | Total                         |                             |
| Aid Given  |                           | 20                            |                             |
| Aid Received   |                           | 10                            |                             |
| OVERLAPPING CALLS  |                           |                               |                             |
| # OVERLAPPING  |                           | % OVERLAPPING                 |                             |
| 47   |                           | 11.24                         |                             |
| LIGHTS AND SIREN - AVERAGE RESPONSE TIME (Dispatch to Arrival) |                           |                               |                             |
| Station  | EMS                       | FIRE                          |                             |
| Alberville Fire Department                                     | 0:08:18                   | 0:11:49                       |                             |
| <b>AVERAGE FOR ALL CALLS</b>                                   |                           | <b>0:09:38</b>                |                             |
| LIGHTS AND SIREN - AVERAGE TURNOUT TIME (Dispatch to Enroute)  |                           |                               |                             |
| Station  | EMS                       | FIRE                          |                             |
| Alberville Fire Department                                     | 0:05:01                   | 0:07:25                       |                             |
| <b>AVERAGE FOR ALL CALLS</b>                                   |                           | <b>0:05:56</b>                |                             |
| AGENCY   |                           | AVERAGE TIME ON SCENE (MM:SS) |                             |
| Alberville Fire Department                                     |                           | 60:58                         |                             |



# Property Values Versus Loss and Save

| INCIDENT #     | PRE-INCIDENT VALUE    | LOSSES                | SAVED                 |
|----------------|-----------------------|-----------------------|-----------------------|
| 2019-71        | \$798,600.00          | \$798,600.00          | \$0.00                |
| 2019-125       | \$180,000.00          | \$180,000.00          | \$0.00                |
| 2019-164       | \$493,241.00          | \$80,000.00           | \$413,241.00          |
| 2019-168       | \$340,442.00          | \$800.00              | \$339,642.00          |
| 2019-215       | \$475,700.00          | \$600.00              | \$475,100.00          |
| 2019-242       | \$1,500.00            | \$1,250.00            | \$250.00              |
| 2019-303       | \$1,908,087.00        | \$5,000.00            | \$1,903,087.00        |
| 2019-317       | \$433,647.00          | \$1,000.00            | \$432,647.00          |
| 2019-341       | \$15,500.00           | \$15,500.00           | \$0.00                |
| 2019-359       | \$5,000.00            | \$5,000.00            | \$0.00                |
| 2019-411       | \$311,604.00          | \$1,000.00            | \$310,604.00          |
| <b>Totals:</b> | <b>\$4,963,321.00</b> | <b>\$1,088,750.00</b> | <b>\$3,874,571.00</b> |

2019 – 71 = Hana

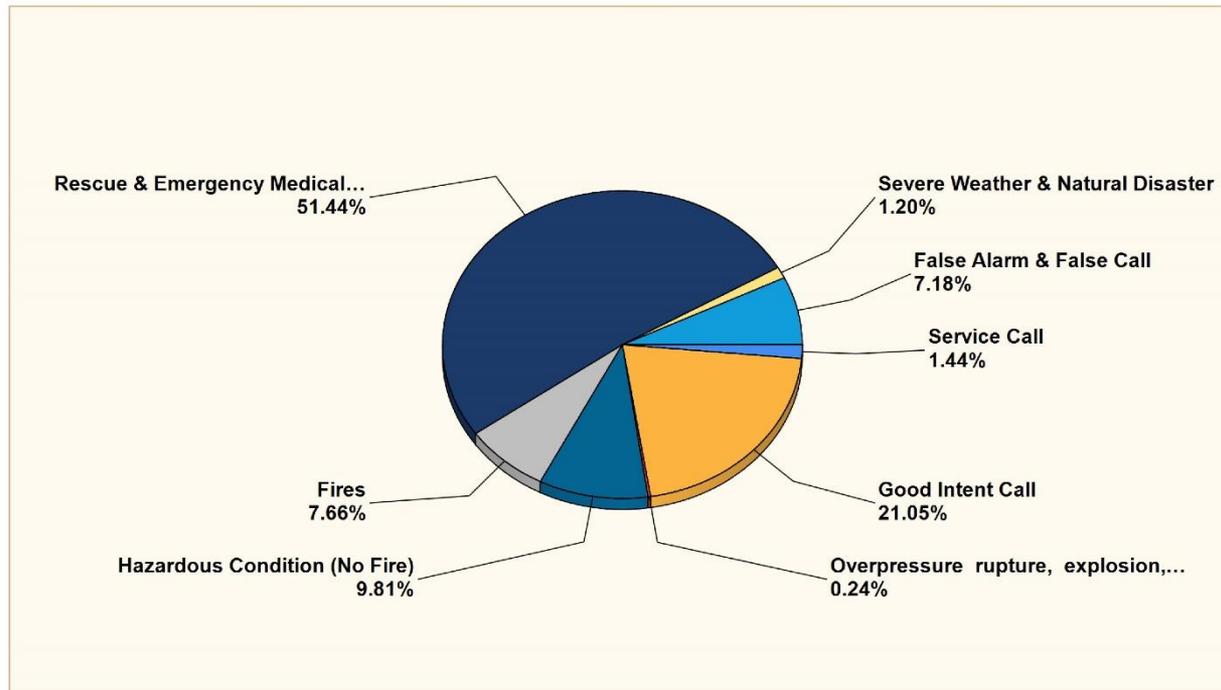
2019 – 125 = Semi Tractor / Trailer

2019 – 164 = Residential Fire / Lightning Strike

2019 – 303 = Multi-Family Residential / Exterior Fire



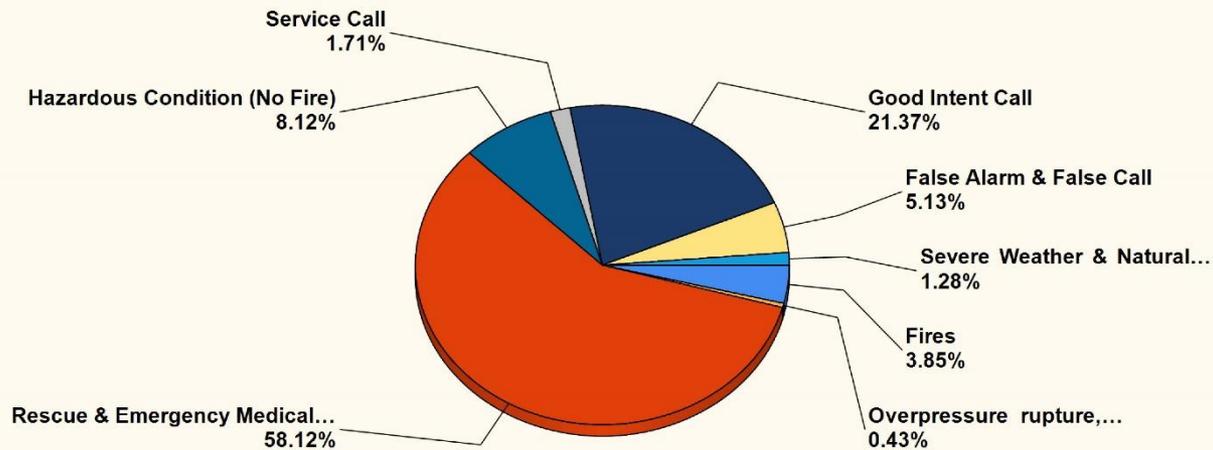
# Breakdown of Major Incident Types - Overall



| MAJOR INCIDENT TYPE                                 | # INCIDENTS | % of TOTAL     |
|---|-------------|----------------|
| Fires   | 32          | 7.66%          |
| Overpressure rupture, explosion, overhear - no fire | 1           | 0.24%          |
| Rescue & Emergency Medical Service                  | 215         | 51.44%         |
| Hazardous Condition (No Fire)                       | 41          | 9.81%          |
| Service Call  | 6           | 1.44%          |
| Good Intent Call                                    | 88          | 21.05%         |
| False Alarm & False Call                            | 30          | 7.18%          |
| Severe Weather & Natural Disaster                   | 5           | 1.20%          |
| <b>TOTAL</b>  | <b>418</b>  | <b>100.00%</b> |



# Breakdown of Major Incident Types - Albertville

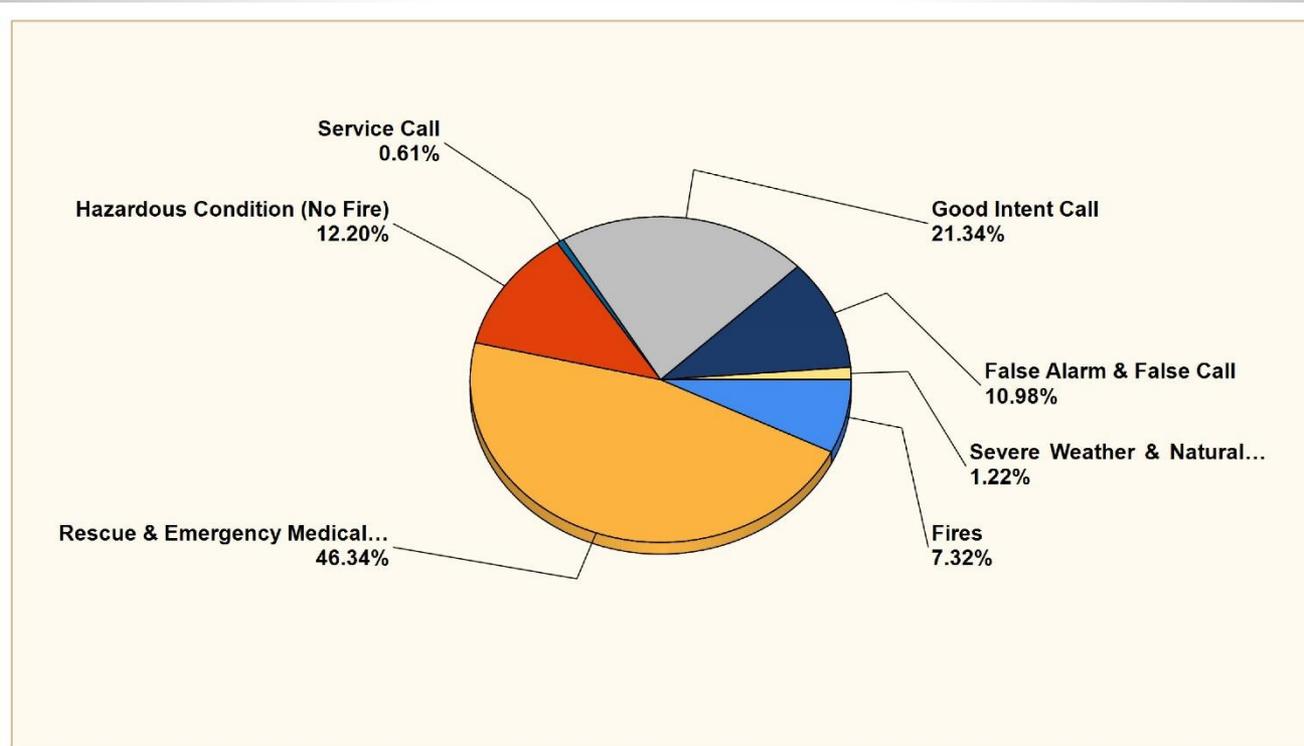


| MAJOR INCIDENT TYPE                                    | # INCIDENTS | % of TOTAL     |
|--|-------------|----------------|
| Fires  | 9           | 3.85%          |
| Overpressure rupture, explosion, overheating - no fire | 1           | 0.43%          |
| Rescue & Emergency Medical Service                     | 136         | 58.12%         |
| Hazardous Condition (No Fire)                          | 19          | 8.12%          |
| Service Call   | 4           | 1.71%          |
| Good Intent Call                                       | 50          | 21.37%         |
| False Alarm & False Call                               | 12          | 5.13%          |
| Severe Weather & Natural Disaster                      | 3           | 1.28%          |
| <b>TOTAL</b>   | <b>234</b>  | <b>100.00%</b> |



# Breakdown of Major Incident Types

## - Otsego



| MAJOR INCIDENT TYPE                | # INCIDENTS | % of TOTAL     |
|------------------------------------|-------------|----------------|
| Fires                              | 12          | 7.32%          |
| Rescue & Emergency Medical Service | 76          | 46.34%         |
| Hazardous Condition (No Fire)      | 20          | 12.20%         |
| Service Call                       | 1           | 0.61%          |
| Good Intent Call                   | 35          | 21.34%         |
| False Alarm & False Call           | 18          | 10.98%         |
| Severe Weather & Natural Disaster  | 2           | 1.22%          |
| <b>TOTAL</b>                       | <b>164</b>  | <b>100.00%</b> |

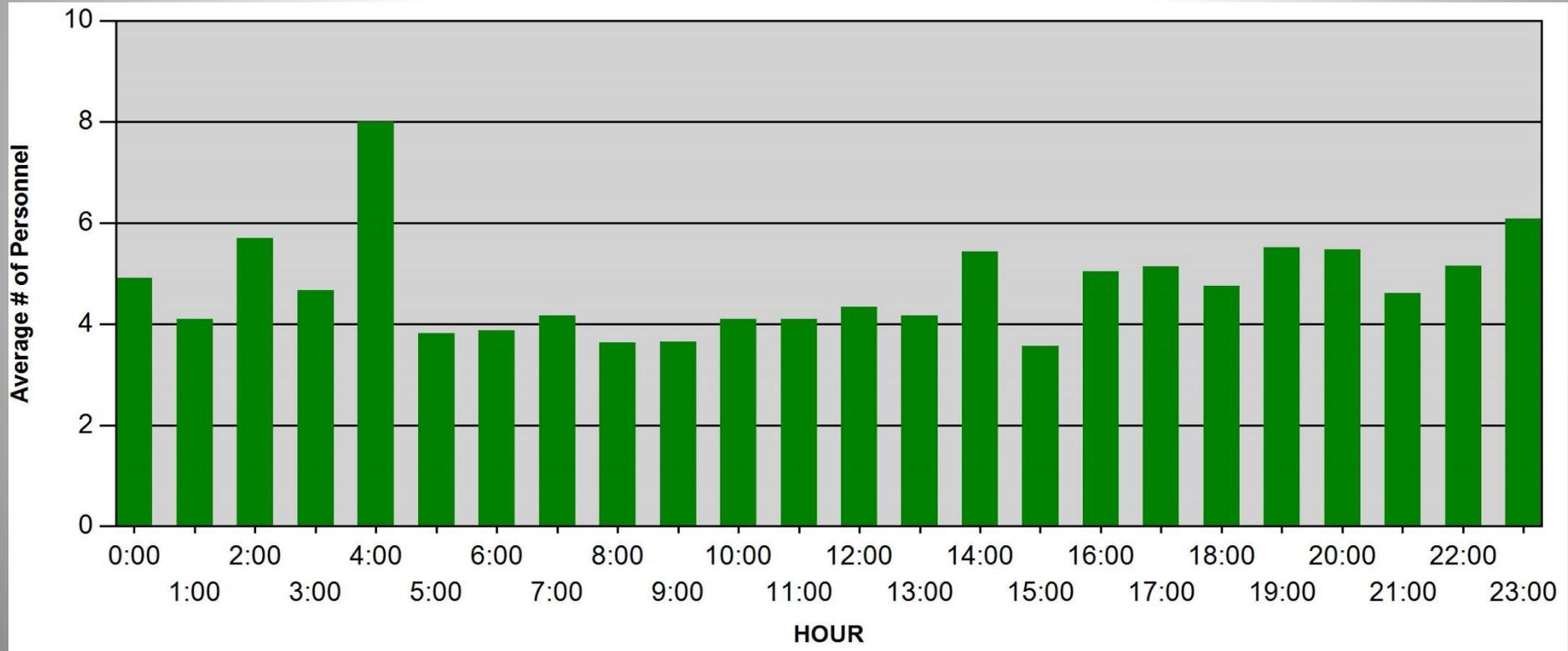


# Average Number of Personnel Per Call

| INCIDENT TYPE  | AVG. # PERSONNEL |
|--|------------------|
| 100 - Fire, other  | 13               |
| 111 - Building fire                                      | 12               |
| 113 - Cooking fire, confined to container                | 12               |
| 131 - Passenger vehicle fire                             | 15               |
| 132 - Road freight or transport vehicle fire             | 21               |
| 143 - Grass fire   | 11               |
| 162 - Outside equipment fire                             | 19               |
| 240 - Explosion (no fire), other                         | 13               |
| 311 - Medical assist, assist EMS crew                    | 11               |
| 321 - EMS call, excluding vehicle accident with injury   | 11               |
| 322 - Motor vehicle accident with injuries               | 11               |
| 324 - Motor vehicle accident with no injuries.           | 12               |
| 411 - Gasoline or other flammable liquid spill           | 12               |
| 412 - Gas leak (natural gas or LPG)                      | 10               |
| 421 - Chemical hazard (no spill or leak)                 | 1                |
| 424 - Carbon monoxide incident                           | 11               |
| 440 - Electrical wiring/equipment problem, other         | 16               |
| 441 - Heat from short circuit (wiring), defective/worn   | 16               |
| 444 - Power line down                                    | 12               |
| 531 - Smoke or odor removal                              | 9                |
| 542 - Animal rescue                                      | 7                |
| 551 - Assist police or other governmental agency         | 2                |
| 561 - Unauthorized burning                               | 7                |
| 571 - Cover assignment, standby, moveup                  | 10               |
| 611 - Dispatched & cancelled en route                    | 11               |
| 631 - Authorized controlled burning                      | 19               |
| 651 - Smoke scare, odor of smoke                         | 11               |
| 714 - Central station, malicious false alarm             | 6                |
| 731 - Sprinkler activation due to malfunction            | 6                |
| 733 - Smoke detector activation due to malfunction       | 8                |
| 735 - Alarm system sounded due to malfunction            | 14               |
| 741 - Sprinkler activation, no fire - unintentional      | 7                |
| 743 - Smoke detector activation, no fire - unintentional | 10               |
| 744 - Detector activation, no fire - unintentional       | 16               |
| 745 - Alarm system activation, no fire - unintentional   | 11               |
| 746 - Carbon monoxide detector activation, no CO         | 6                |
| 814 - Lightning strike (no fire)                         | 13               |
| 815 - Severe weather or natural disaster standby         | 9                |



# Average Number of Personnel Per Hour





# 2019 Fire Department Information



# Fire Department Staffing

- Staffing as of 1/1/2020:
  - 1 Full-Time Fire Chief
  
  - Paid-On-Call Members (30 Authorized):
    - 1 = Deputy Chief
    - 1 = Assistant Chief
    - 3 = Captains
    - 3 = Lieutenants
    - 21 = Firefighters
  
  - Reserves (3 Authorized):
    - 1 = Reserve Firefighter



# Fire Department Time Commitment

- Call Hours:
  - Members attended 5,992 hours of call time
    - Average of **193** hours per member
  
- Training Hours:
  - Members attended 4,237 hours of training
    - Average of **137** hours per member
  
- Community/Volunteer Hours:
  - Members volunteered 1,381 hours of time
    - Average of **45** hours per member
  
- Total Time Commitment:
  - Average of **374** hours per member



# Fire Department Recognitions

- Retirements:
  - A. Barthel = 37 Years
  - B. Lawinger = 11 Years
  
- Resignations:
  - P. Bean = 1 Year
  
- 2020 Service Year Awards:
  - 5-Years:
    - C. Adams
    - G. Gerads
    - G. Hubbard
  - 10-Years:
    - K. Schmidt
  - 30-Years:
    - B. Valerius



# Fire Department Awards

- Top Volunteer Hours:
  - Department Average = 45 Hours
    - Top Volunteer Hours = Firefighter J. Grove
      - 90.5 Volunteer Hours
  
- Top Caller:
  - Department Average = 35.89%
    - Top Caller = Lt. K. Anderson
      - 253 Calls
      - 60.53%
  
- Paul Heinen Above and Beyond Award:
  - Nominations: N. Dording, J. Eull, G. Gerads, T. Mills, B. Valerius
    - Winner: **Firefighter G. Gerads**



# 2019 Grant Review

- 2018 FEMA Assistance to Firefighters Grant:
  - \$58,014 grant for 18 portable radios
  - 5% match from the City
  
- MN DNR Volunteer Fire Assistance Matching Grant:
  - \$10,000 grant for wildland gear
  - 50% match from the City
  
- Minnesota Board of Firefighter Training and Education:
  - \$9,160 in total reimbursement
    - \$6,355 in initial reimbursement (\$205 per firefighter)
    - \$2,805 in redistribution money
  
- National Fire Safety Council:
  - Received \$2000 in local corporate donations for Fire Safety / Public Education materials
    - Joint venture with St. Michael Fire Department
    - STMA School District approach to fire prevention materials



# 2019 Department Accomplishments

- Switched to Emergency Reporting Software as RMS
- City of Otsego Auto-Aid Agreement
- Albertville Friendly City Days Open House and Parade
- ISO Survey Completed
- Production and Delivery of Engine 11 and Tower 11
- City of Albertville Centennial Celebration
- Apparatus Housing Ceremony



# 2020 Outlook / Upcoming Projects

- Hiring Process – February
- Target Solutions On-Line Training Pilot Project
- First Arriving Digital Dashboard
- SOP / SOG Updates
- Capital Budget Projects:
  - Close out MN DNR Grant
  - New Structural Fire Helmets