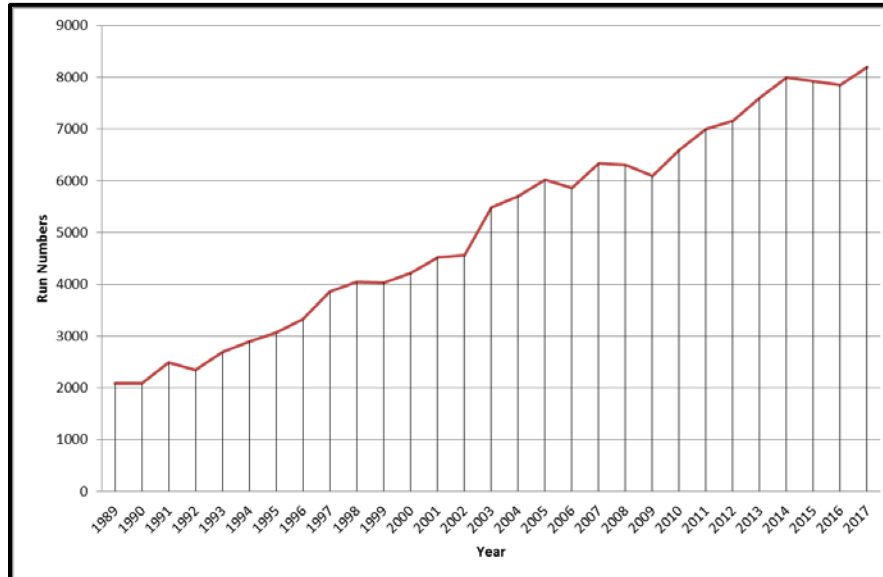




## Fire Department Year End Report

January 1, 2017 – December 31, 2017



### Chief's Notes

- Closing of **Fire Station 3** is scheduled for January 25, 2018.
- **Fire engine** order has been placed. Delivery expected very late in 2018.
- **CLEMIS Fire Integrated Record System (CFIRS)** new modules being released.
- **Fire Open House** was a success.
- **Quality Assurance Assessment Program (QAAP)** remains a threat.

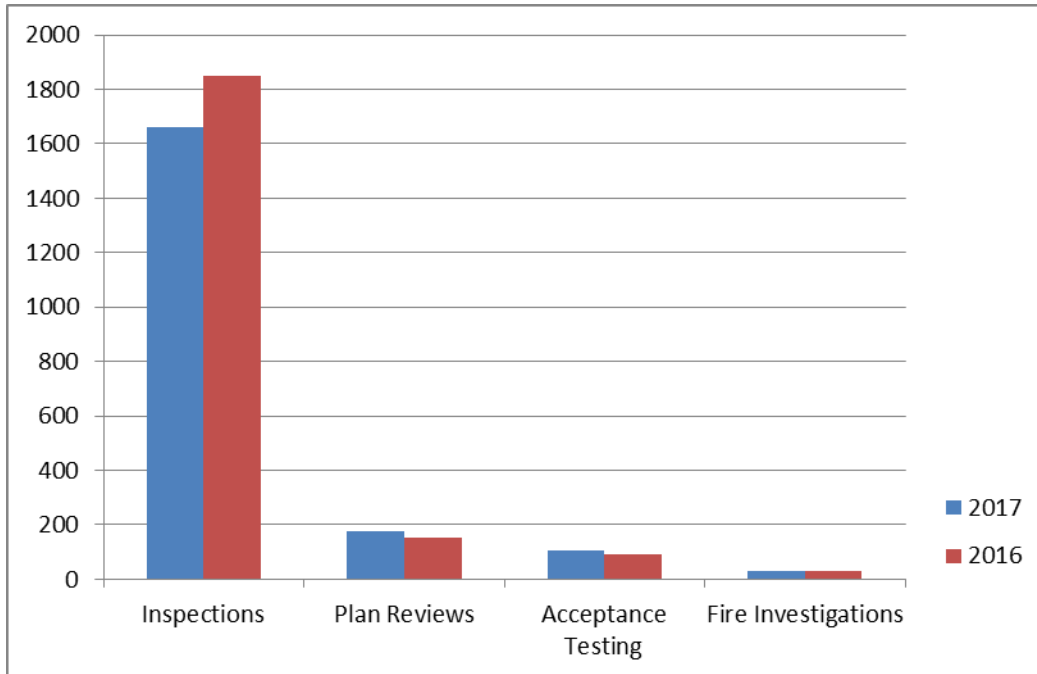
### Personnel

- 2 firefighter **vacancies**.
- 2 firefighters currently on **probation**.
- **Captain Hal Burtzloff** retired after nearly 38 years of service.
- **Lieutenant Rocco Guirlanda** retired after nearly 29 years of service.
- **Matthew Majestic** promoted to Captain.
- **Kendall Stevens** promoted to Lieutenant.
- **Jeff Bailey** promoted to Lieutenant.
- **Brian Kyle** promoted to Sergeant.
- **Matthew Miller** promoted to Sergeant.
- **Mary Kay Hare** promoted to Executive Assistant to the Fire Chief
- **Amy Rusinowski** promoted to EMS Billing Clerk
- **Julie Touchette** promoted to Senior Fire Clerk

## *Training*

- The department trained with the WB Police Department to develop a response plan to active assailants. The rescue task force (RTF) is a specific FD role for entering the hot zone to assess, treat, and move victims. The department conducted 5 weeks of training covering concept, movement formations, triage, and patient transport to safety. Three of the weeks were conducted with PD leading to a combined mass casualty active shooter scenario conducted with our PD. The cross training of our two departments provided opportunity to practice unified command. Combined training scenarios will continue into 2018.
- With the purchase of the property next to Station 3 we spent four weeks focusing on basic fire-fighting skills. We executed hose advancement, search and rescue, ventilation, and ladder exercises all under adverse/realistic conditions, on air in low visibility. These trainings led to a week of scenarios incorporating all skills previously trained. PD was also able to train on the asset and gain valuable experience.
- The department continues to focus on professional development of the leadership. We graduated an officer from the Eastern Michigan Command and Staff program at the top of the class. Additionally we sent officers to ICS 300/400 courses and continue the target building program. This allows officers to develop their presentation skills as well as educate our members on challenging buildings. Focusing on the entire department, we spent a week conducting a suicide awareness program and hosted the OAKWAY Career Survival class. Spreading health and wellness continues with our officers taking the lead with healthy in/healthy out programs at the station level.
- Agility training entered the second year and we are gathering solid numbers towards our fitness levels under active fire-fighting conditions. 2017 was the first year for the Hydrant Challenge requiring crews to work together accomplishing fire ground tasks under controlled conditions. This event evaluates where we stand in our training and where we need to focus our training. Having 28 lakes in our coverage area had us conducting surface water training as well as ice rescue scenarios. A myriad of training events filled the year with the department conducting training on 47 of the 52 weeks in 2017.
- Our two specialty teams covering Hazardous Materials and Technical Rescue each conducted 4 deployments focusing on their respective fields. In addition to their team training we incorporate our department members into their fields. This allows the department to more efficiently mitigate any crisis, with the team members as leaders and our members having an understanding of the actions required. The after action review process, conducted on every significant event, allows us to focus our limited training time and funds where necessary. Maintaining strengths and improving on weaknesses is our constant goal moving into 2018.

**2017 Totals**



- The Division continues to promote public fire and life safety education to citizens of all ages. The Department’s smoke house traveled to 8 elementary schools this fall and reached close to 2000 children. The Division also spoke at senior living facilities within the Township promoting fire & life safety. There were also several classes on the proper use of fire extinguishers that included a hands-on demonstration with live fire.
- Members of the Division continue to further their education in order to stay current with codes, construction trends, fire investigation methods and more. This year, our Fire Inspector completed the Michigan State Police Fire Investigation School, MAPC’s Vehicle Fire & Theft School, FEMA ICS 300 and the NFPA Fire Inspector II School.
- The Division updated the Township’s Fire Code to the 2015 International Fire Code.
- The annual inspection program continues to be a success. The Division continues to see more businesses being compliant with fire codes making the community safer.
- Created a Turkey cooking PSA.
- Two arson cases are still active. One expected to go to trial in February.

**Recently Completed Projects:**

- Ellen’s Bakery
- Checkers
- Tower Construction

**Ongoing Projects:**

- Cauley Ferrari

- Provisional Living
- Orchard MEWS
- Orchard Lake Animal Hospital
- Shell Station
- All Seasons Addition
- Powerhouse Gym
- Stone Hill
- Planterra

### *Emergency Medical Service*

- Rescue X is still out for re-mount.
- Responded to a total of 5418 EMS calls in 2017; 1% increase (5354 in 2016 and 5224 in 2015)
- Transported 4344 patients in 2017; 1% increase (4309 in 2016 and 4189 in 2015)
- Hosted a HIPAA compliance seminar in April for all of OAKWAY
- Co-Hosted a region wide EMS Education seminar in September with Stryker Medical
- Added 6 King Vision video laryngoscopes to the department through the generosity of Henry Ford West Bloomfield
- Completed Active Assailant training with the department and WBPD (still need to accomplish with the Tri-City PDs) as well as placed into service 3 sets of body armor and 6 response kits for incidents
- Promoted Amy Rusinowski into the position of EMS Billing Clerk vacated by the promotion of Mary Kay Hare
- Began the process of a long term solution to the replacement of the EMS fleet by determining the best vehicle for future and ongoing purchases
- Began the analysis of the effects of senior living/care facilities on the EMS system by reviewing the following:
  - Call volume by facility
  - Volume by facility type
  - Type of call
  - Priority of patient transported
  - Review of “super utilizers” of the system
  - Analyzed the effect that additional facilities may pose on the system

# Incident Type Count

For Dates 1/1/17 - 12/31/17



Incident Type and Description	Count	% of Type / Station / Total
611 - Dispatched & cancelled en route	7	70.00 %
611E - EMS: Dispatched & cancelled en route	3	30.00 %
<b>Total - Good Intent Call</b>	<b>10</b>	<b>90.91 %</b>
9001 - Run Canceled before dispatch	1	100.00 %
<b>Total - Special Incident Type</b>	<b>1</b>	<b>9.09 %</b>
<b>No Station Entered</b>	<b>11</b>	<b>0.13 %</b>
<b>Station: ST1</b>		
111 - Building fire	7	38.89 %
113 - Cooking fire, confined to container	5	27.78 %
116 - Fuel burner/boiler malfunction, fire confined	1	5.56 %
131 - Passenger vehicle fire	1	5.56 %
151 - Outside rubbish, trash or waste fire	1	5.56 %
160 - Special outside fire, other	3	16.67 %
<b>Total - Fires</b>	<b>18</b>	<b>1.35 %</b>
251 - Excessive heat, scorch burns with no ignition	2	100.00 %
<b>Total - Overpressure Rupture, Explosion, Overheat - no fire</b>	<b>2</b>	<b>0.15 %</b>
300 - Rescue, emergency medical call (EMS) call, other	1	0.12 %
320 - Emergency medical service, other	8	1.00 %
321 - EMS call, excluding vehicle accident with injury	726	90.30 %
322 - Vehicle accident with injuries	55	6.84 %
323 - Motor vehicle/pedestrian accident (MV Ped)	2	0.25 %
324 - Motor vehicle accident with no injuries	12	1.49 %
<b>Total - Rescue &amp; Emergency Medical Service Incidents</b>	<b>804</b>	<b>60.41 %</b>
400 - Hazardous condition, other	5	8.33 %
411 - Gasoline or other flammable liquid spill	1	1.67 %
412 - Gas leak (natural gas or LPG)	11	18.33 %
424 - Carbon monoxide incident	1	1.67 %
440 - Electrical wiring/equipment problem, other	6	10.00 %
441 - Heat from short circuit (wiring), defective/worn	2	3.33 %
442 - Overheated motor	1	1.67 %
444 - Power line down	23	38.33 %
445 - Arcing, shorted electrical equipment	9	15.00 %
451 - Biological hazard, confirmed or suspected	1	1.67 %
<b>Total - Hazardous Conditions (No fire)</b>	<b>60</b>	<b>4.51 %</b>
500 - Service Call, other	4	1.86 %
511 - Lock-out	2	0.93 %
512 - Ring or jewelry removal	1	0.47 %

# Incident Type Count

Incident Type and Description	Count	% of Type / Station / Total
520 - Water problem, other	1	0.47 %
522 - Water or steam leak	6	2.79 %
531 - Smoke or odor removal	1	0.47 %
541 - Animal problem	1	0.47 %
542 - Animal rescue	1	0.47 %
550 - Public service assistance, other	4	1.86 %
551 - Assist police or other governmental agency	43	20.00 %
552 - Police matter	1	0.47 %
553 - Public service	4	1.86 %
5531 - Tree Removal	19	8.84 %
554 - Assist invalid	124	57.67 %
571 - Cover assignment, standby, moveup	3	1.40 %
<b>Total - Service Call</b>	<b>215</b>	<b>16.15 %</b>
600 - Good intent call, other	13	8.72 %
611 - Dispatched & cancelled en route	102	68.46 %
611E - EMS: Dispatched & cancelled en route	5	3.36 %
622 - No incident found on arrival at dispatch address	14	9.40 %
651 - Smoke scare, odor of smoke	14	9.40 %
671 - Hazmat release investigation w/ no hazmat	1	0.67 %
<b>Total - Good Intent Call</b>	<b>149</b>	<b>11.19 %</b>
700 - False alarm or false call, other	4	5.00 %
710 - Malicious, mischievous false call, other	2	2.50 %
711 - Municipal alarm system, malicious false alarm	1	1.25 %
733 - Smoke detector activation due to malfunction	4	5.00 %
735 - Alarm system sounded due to malfunction	6	7.50 %
736 - CO detector activation due to malfunction	2	2.50 %
740 - Unintentional transmission of alarm, other	3	3.75 %
741 - Sprinkler activation, no fire - unintentional	1	1.25 %
743 - Smoke detector activation, no fire - unintentional	3	3.75 %
745 - Alarm system sounded, no fire - unintentional	30	37.50 %
746 - Carbon monoxide detector activation, no CO	24	30.00 %
<b>Total - False Alarm &amp; False Call</b>	<b>80</b>	<b>6.01 %</b>
812 - Flood assessment	1	50.00 %
813 - Wind storm, tornado/hurricane assessment	1	50.00 %
<b>Total - Severe Weather &amp; Natural Disaster</b>	<b>2</b>	<b>0.15 %</b>
9001 - Run Canceled before dispatch	1	100.00 %
<b>Total - Special Incident Type</b>	<b>1</b>	<b>0.08 %</b>
<b>Total for Station: ST1:</b>	<b>1,331</b>	<b>16.06 %</b>
<b>Station: ST2</b>		
111 - Building fire	9	47.37 %
113 - Cooking fire, confined to container	7	36.84 %
114 - Chimney or flue fire, confined to chimney or flue	1	5.26 %
131 - Passenger vehicle fire	2	10.53 %
<b>Total - Fires</b>	<b>19</b>	<b>0.64 %</b>
211 - Overpressure rupture of steam pipe or pipeline	1	100.00 %

# Incident Type Count

Incident Type and Description	Count	% of Type / Station / Total
<b>Total - Overpressure Rupture, Explosion, Overheat - no fire</b>	<b>1</b>	<b>0.03 %</b>
300 - Rescue, emergency medical call (EMS) call, other	1	0.05 %
311 - Medical assist, assist EMS crew	4	0.21 %
320 - Emergency medical service, other	3	0.16 %
321 - EMS call, excluding vehicle accident with injury	1,818	95.63 %
322 - Vehicle accident with injuries	61	3.21 %
323 - Motor vehicle/pedestrian accident (MV Ped)	1	0.05 %
324 - Motor vehicle accident with no injuries	7	0.37 %
352 - Extrication of victim(s) from vehicle	2	0.11 %
353 - Removal of victim(s) from stalled elevator	3	0.16 %
356 - High angle rescue	1	0.05 %
<b>Total - Rescue &amp; Emergency Medical Service Incidents</b>	<b>1,901</b>	<b>64.51 %</b>
400 - Hazardous condition, other	8	16.33 %
412 - Gas leak (natural gas or LPG)	7	14.29 %
422 - Chemical spill or leak	1	2.04 %
424 - Carbon monoxide incident	6	12.24 %
440 - Electrical wiring/equipment problem, other	3	6.12 %
444 - Power line down	16	32.65 %
445 - Arcing, shorted electrical equipment	7	14.29 %
462 - Aircraft standby	1	2.04 %
<b>Total - Hazardous Conditions (No fire)</b>	<b>49</b>	<b>1.66 %</b>
500 - Service Call, other	9	1.54 %
511 - Lock-out	1	0.17 %
512 - Ring or jewelry removal	1	0.17 %
520 - Water problem, other	1	0.17 %
522 - Water or steam leak	8	1.37 %
531 - Smoke or odor removal	3	0.51 %
540 - Animal problem, other	1	0.17 %
542 - Animal rescue	2	0.34 %
550 - Public service assistance, other	5	0.86 %
551 - Assist police or other governmental agency	10	1.72 %
552 - Police matter	5	0.86 %
553 - Public service	21	3.60 %
5531 - Tree Removal	15	2.57 %
554 - Assist invalid	501	85.93 %
<b>Total - Service Call</b>	<b>583</b>	<b>19.78 %</b>
600 - Good intent call, other	41	15.30 %
611 - Dispatched & cancelled en route	182	67.91 %
611E - EMS: Dispatched & cancelled en route	15	5.60 %
621 - Wrong location	1	0.37 %
622 - No incident found on arrival at dispatch address	20	7.46 %
650 - Steam, other gas mistaken for smoke, other	1	0.37 %
651 - Smoke scare, odor of smoke	7	2.61 %
661 - EMS call, party transported by non-fire agency	1	0.37 %
<b>Total - Good Intent Call</b>	<b>268</b>	<b>9.09 %</b>
700 - False alarm or false call, other	17	14.05 %
710 - Malicious, mischievous false call, other	5	4.13 %
711 - Municipal alarm system, malicious false alarm	1	0.83 %
714 - Central station, malicious false alarm	3	2.48 %
715 - Local alarm system, malicious false alarm	1	0.83 %

# Incident Type Count

Incident Type and Description	Count	% of Type / Station / Total
721 - Bomb scare - no bomb	1	0.83 %
733 - Smoke detector activation due to malfunction	4	3.31 %
735 - Alarm system sounded due to malfunction	5	4.13 %
740 - Unintentional transmission of alarm, other	8	6.61 %
741 - Sprinkler activation, no fire - unintentional	1	0.83 %
743 - Smoke detector activation, no fire - unintentional	8	6.61 %
744 - Detector activation, no fire - unintentional	5	4.13 %
745 - Alarm system sounded, no fire - unintentional	37	30.58 %
746 - Carbon monoxide detector activation, no CO	25	20.66 %
<b>Total - False Alarm &amp; False Call</b>	<b>121</b>	<b>4.11 %</b>
9001 - Run Canceled before dispatch	4	80.00 %
911 - Citizen complaint	1	20.00 %
<b>Total - Special Incident Type</b>	<b>5</b>	<b>0.17 %</b>
<b>Total for Station: ST2:</b>	<b>2,947</b>	<b>35.56 %</b>
<b>Station: ST3</b>		
111 - Building fire	5	45.45 %
113 - Cooking fire, confined to container	1	9.09 %
114 - Chimney or flue fire, confined to chimney or flue	1	9.09 %
131 - Passenger vehicle fire	1	9.09 %
141 - Forest, woods or wildland fire	2	18.18 %
143 - Grass fire	1	9.09 %
<b>Total - Fires</b>	<b>11</b>	<b>1.37 %</b>
311 - Medical assist, assist EMS crew	1	0.18 %
321 - EMS call, excluding vehicle accident with injury	518	93.00 %
322 - Vehicle accident with injuries	34	6.10 %
324 - Motor vehicle accident with no injuries	3	0.54 %
381 - Rescue or EMS standby	1	0.18 %
<b>Total - Rescue &amp; Emergency Medical Service Incidents</b>	<b>557</b>	<b>69.28 %</b>
400 - Hazardous condition, other	5	11.63 %
412 - Gas leak (natural gas or LPG)	4	9.30 %
424 - Carbon monoxide incident	1	2.33 %
440 - Electrical wiring/equipment problem, other	1	2.33 %
444 - Power line down	27	62.79 %
445 - Arcing, shorted electrical equipment	5	11.63 %
<b>Total - Hazardous Conditions (No fire)</b>	<b>43</b>	<b>5.35 %</b>
500 - Service Call, other	1	1.28 %
522 - Water or steam leak	2	2.56 %
541 - Animal problem	1	1.28 %
550 - Public service assistance, other	1	1.28 %
551 - Assist police or other governmental agency	11	14.10 %
552 - Police matter	1	1.28 %
553 - Public service	6	7.69 %
5531 - Tree Removal	12	15.38 %
554 - Assist invalid	42	53.85 %
571 - Cover assignment, standby, moveup	1	1.28 %
<b>Total - Service Call</b>	<b>78</b>	<b>9.70 %</b>



# Incident Type Count

Incident Type and Description	Count	% of Type / Station / Total
600 - Good intent call, other	10	15.38 %
611 - Dispatched & cancelled en route	42	64.62 %
611E - EMS: Dispatched & cancelled en route	3	4.62 %
622 - No incident found on arrival at dispatch address	8	12.31 %
651 - Smoke scare, odor of smoke	2	3.08 %
<b>Total - Good Intent Call</b>	<b>65</b>	<b>8.08 %</b>
700 - False alarm or false call, other	2	4.00 %
710 - Malicious, mischievous false call, other	1	2.00 %
732 - Extinguishing system activation due to malfunction	1	2.00 %
733 - Smoke detector activation due to malfunction	1	2.00 %
735 - Alarm system sounded due to malfunction	1	2.00 %
740 - Unintentional transmission of alarm, other	1	2.00 %
741 - Sprinkler activation, no fire - unintentional	1	2.00 %
743 - Smoke detector activation, no fire - unintentional	3	6.00 %
744 - Detector activation, no fire - unintentional	3	6.00 %
745 - Alarm system sounded, no fire - unintentional	25	50.00 %
746 - Carbon monoxide detector activation, no CO	11	22.00 %
<b>Total - False Alarm &amp; False Call</b>	<b>50</b>	<b>6.22 %</b>
<b>Total for Station: ST3:</b>	<b>804</b>	<b>9.70 %</b>
<b>Station: ST4</b>		
111 - Building fire	6	54.55 %
113 - Cooking fire, confined to container	2	18.18 %
116 - Fuel burner/boiler malfunction, fire confined	1	9.09 %
130 - Mobile property (vehicle) fire, other	1	9.09 %
142 - Brush, or brush and grass mixture fire	1	9.09 %
<b>Total - Fires</b>	<b>11</b>	<b>2.41 %</b>
251 - Excessive heat, scorch burns with no ignition	1	100.00 %
<b>Total - Overpressure Rupture, Explosion, Overheat - no fire</b>	<b>1</b>	<b>0.22 %</b>
311 - Medical assist, assist EMS crew	1	0.32 %
320 - Emergency medical service, other	2	0.64 %
321 - EMS call, excluding vehicle accident with injury	295	94.25 %
322 - Vehicle accident with injuries	12	3.83 %
324 - Motor vehicle accident with no injuries	1	0.32 %
360 - Water & ice related rescue, other	1	0.32 %
381 - Rescue or EMS standby	1	0.32 %
<b>Total - Rescue &amp; Emergency Medical Service Incidents</b>	<b>313</b>	<b>68.64 %</b>
400 - Hazardous condition, other	2	8.00 %
412 - Gas leak (natural gas or LPG)	6	24.00 %
424 - Carbon monoxide incident	1	4.00 %
440 - Electrical wiring/equipment problem, other	3	12.00 %
442 - Overheated motor	2	8.00 %
444 - Power line down	8	32.00 %
445 - Arcing, shorted electrical equipment	3	12.00 %
<b>Total - Hazardous Conditions (No fire)</b>	<b>25</b>	<b>5.48 %</b>
500 - Service Call, other	1	2.22 %
510 - Person in distress, other	1	2.22 %

# Incident Type Count

Incident Type and Description	Count	% of Type / Station / Total
522 - Water or steam leak	1	2.22 %
540 - Animal problem, other	1	2.22 %
550 - Public service assistance, other	1	2.22 %
551 - Assist police or other governmental agency	2	4.44 %
552 - Police matter	1	2.22 %
553 - Public service	1	2.22 %
5531 - Tree Removal	1	2.22 %
554 - Assist invalid	33	73.33 %
561 - Unauthorized burning	1	2.22 %
571 - Cover assignment, standby, moveup	1	2.22 %
<b>Total - Service Call</b>	<b>45</b>	<b>9.87 %</b>
600 - Good intent call, other	4	11.11 %
611 - Dispatched & cancelled en route	24	66.67 %
622 - No incident found on arrival at dispatch address	6	16.67 %
651 - Smoke scare, odor of smoke	2	5.56 %
<b>Total - Good Intent Call</b>	<b>36</b>	<b>7.89 %</b>
710 - Malicious, mischievous false call, other	1	4.17 %
731 - Sprinkler activation due to malfunction	1	4.17 %
733 - Smoke detector activation due to malfunction	1	4.17 %
735 - Alarm system sounded due to malfunction	2	8.33 %
745 - Alarm system sounded, no fire - unintentional	13	54.17 %
746 - Carbon monoxide detector activation, no CO	6	25.00 %
<b>Total - False Alarm &amp; False Call</b>	<b>24</b>	<b>5.26 %</b>
9001 - Run Canceled before dispatch	1	100.00 %
<b>Total - Special Incident Type</b>	<b>1</b>	<b>0.22 %</b>
<b>Total for Station: ST4:</b>	<b>456</b>	<b>5.50 %</b>
<b>Station: ST5</b>		
110 - Structure fire, other	1	5.56 %
111 - Building fire	6	33.33 %
113 - Cooking fire, confined to container	3	16.67 %
131 - Passenger vehicle fire	1	5.56 %
142 - Brush, or brush and grass mixture fire	2	11.11 %
143 - Grass fire	2	11.11 %
150 - Outside rubbish fire, other	1	5.56 %
160 - Special outside fire, other	2	11.11 %
<b>Total - Fires</b>	<b>18</b>	<b>0.94 %</b>
300 - Rescue, emergency medical call (EMS) call, other	1	0.07 %
311 - Medical assist, assist EMS crew	4	0.30 %
320 - Emergency medical service, other	3	0.22 %
321 - EMS call, excluding vehicle accident with injury	1,246	92.36 %
322 - Vehicle accident with injuries	79	5.86 %
323 - Motor vehicle/pedestrian accident (MV Ped)	2	0.15 %
324 - Motor vehicle accident with no injuries	14	1.04 %
<b>Total - Rescue &amp; Emergency Medical Service Incidents</b>	<b>1,349</b>	<b>70.33 %</b>
400 - Hazardous condition, other	9	15.25 %
412 - Gas leak (natural gas or LPG)	12	20.34 %

# Incident Type Count

Incident Type and Description	Count	% of Type / Station / Total
422 - Chemical spill or leak	1	1.69 %
424 - Carbon monoxide incident	4	6.78 %
440 - Electrical wiring/equipment problem, other	3	5.08 %
441 - Heat from short circuit (wiring), defective/worn	2	3.39 %
444 - Power line down	22	37.29 %
445 - Arcing, shorted electrical equipment	6	10.17 %
<b>Total - Hazardous Conditions (No fire)</b>	<b>59</b>	<b>3.08 %</b>
500 - Service Call, other	14	5.79 %
511 - Lock-out	3	1.24 %
522 - Water or steam leak	4	1.65 %
531 - Smoke or odor removal	5	2.07 %
550 - Public service assistance, other	8	3.31 %
551 - Assist police or other governmental agency	17	7.02 %
552 - Police matter	1	0.41 %
553 - Public service	5	2.07 %
5531 - Tree Removal	11	4.55 %
554 - Assist invalid	172	71.07 %
561 - Unauthorized burning	2	0.83 %
<b>Total - Service Call</b>	<b>242</b>	<b>12.62 %</b>
600 - Good intent call, other	17	12.88 %
611 - Dispatched & cancelled en route	78	59.09 %
611E - EMS: Dispatched & cancelled en route	2	1.52 %
622 - No incident found on arrival at dispatch address	21	15.91 %
651 - Smoke scare, odor of smoke	12	9.09 %
652 - Steam, vapor, fog or dust thought to be smoke	1	0.76 %
672 - Biological hazard investigation, none found	1	0.76 %
<b>Total - Good Intent Call</b>	<b>132</b>	<b>6.88 %</b>
700 - False alarm or false call, other	33	29.20 %
710 - Malicious, mischievous false call, other	1	0.88 %
712 - Direct tie to FD, malicious/false alarm	1	0.88 %
730 - System malfunction, other	2	1.77 %
733 - Smoke detector activation due to malfunction	2	1.77 %
735 - Alarm system sounded due to malfunction	2	1.77 %
736 - CO detector activation due to malfunction	1	0.88 %
740 - Unintentional transmission of alarm, other	7	6.19 %
743 - Smoke detector activation, no fire - unintentional	6	5.31 %
744 - Detector activation, no fire - unintentional	2	1.77 %
745 - Alarm system sounded, no fire - unintentional	42	37.17 %
746 - Carbon monoxide detector activation, no CO	14	12.39 %
<b>Total - False Alarm &amp; False Call</b>	<b>113</b>	<b>5.89 %</b>
815 - Severe weather or natural disaster standby	1	100.00 %
<b>Total - Severe Weather &amp; Natural Disaster</b>	<b>1</b>	<b>0.05 %</b>
9001 - Run Canceled before dispatch	2	50.00 %
911 - Citizen complaint	2	50.00 %
<b>Total - Special Incident Type</b>	<b>4</b>	<b>0.21 %</b>
<b>Total for Station: ST5:</b>	<b>1,918</b>	<b>23.14 %</b>

# Incident Type Count

Incident Type and Description	Count	% of Type / Station / Total
<b>Station: ST9</b>		
100 - Fire, other	2	11.76 %
111 - Building fire	1	5.88 %
113 - Cooking fire, confined to container	6	35.29 %
118 - Trash or rubbish fire, contained	3	17.65 %
131 - Passenger vehicle fire	1	5.88 %
138 - Off-road vehicle or heavy equipment fire	1	5.88 %
142 - Brush, or brush and grass mixture fire	1	5.88 %
154 - Dumpster or other outside trash receptacle fire	1	5.88 %
160 - Special outside fire, other	1	5.88 %
<b>Total - Fires</b>	<b>17</b>	<b>2.07 %</b>
221 - Overpressure rupture of air or gas pipe/pipeline	1	100.00 %
<b>Total - Overpressure Rupture, Explosion, Overheat - no fire</b>	<b>1</b>	<b>0.12 %</b>
311 - Medical assist, assist EMS crew	2	0.42 %
321 - EMS call, excluding vehicle accident with injury	445	92.52 %
322 - Vehicle accident with injuries	24	4.99 %
323 - Motor vehicle/pedestrian accident (MV Ped)	1	0.21 %
324 - Motor vehicle accident with no injuries	5	1.04 %
352 - Extrication of victim(s) from vehicle	1	0.21 %
360 - Water & ice related rescue, other	1	0.21 %
365 - Watercraft rescue	1	0.21 %
381 - Rescue or EMS standby	1	0.21 %
<b>Total - Rescue &amp; Emergency Medical Service Incidents</b>	<b>481</b>	<b>58.66 %</b>
400 - Hazardous condition, other	8	13.79 %
411 - Gasoline or other flammable liquid spill	3	5.17 %
412 - Gas leak (natural gas or LPG)	11	18.97 %
440 - Electrical wiring/equipment problem, other	4	6.90 %
442 - Overheated motor	1	1.72 %
443 - Light ballast breakdown	1	1.72 %
444 - Power line down	30	51.72 %
<b>Total - Hazardous Conditions (No fire)</b>	<b>58</b>	<b>7.07 %</b>
500 - Service Call, other	3	2.52 %
510 - Person in distress, other	1	0.84 %
512 - Ring or jewelry removal	1	0.84 %
522 - Water or steam leak	2	1.68 %
531 - Smoke or odor removal	1	0.84 %
541 - Animal problem	2	1.68 %
542 - Animal rescue	2	1.68 %
550 - Public service assistance, other	5	4.20 %
551 - Assist police or other governmental agency	30	25.21 %
5531 - Tree Removal	2	1.68 %
554 - Assist invalid	68	57.14 %
571 - Cover assignment, standby, moveup	2	1.68 %
<b>Total - Service Call</b>	<b>119</b>	<b>14.51 %</b>
600 - Good intent call, other	9	9.68 %
611 - Dispatched & cancelled en route	67	72.04 %
611E - EMS: Dispatched & cancelled en route	2	2.15 %
622 - No incident found on arrival at dispatch address	11	11.83 %
650 - Steam, other gas mistaken for smoke, other	1	1.08 %
651 - Smoke scare, odor of smoke	3	3.23 %

# Incident Type Count

Incident Type and Description	Count	% of Type / Station / Total
<b>Total - Good Intent Call</b>	<b>93</b>	<b>11.34 %</b>
700 - False alarm or false call, other	6	12.00 %
710 - Malicious, mischievous false call, other	1	2.00 %
730 - System malfunction, other	2	4.00 %
733 - Smoke detector activation due to malfunction	3	6.00 %
735 - Alarm system sounded due to malfunction	7	14.00 %
740 - Unintentional transmission of alarm, other	4	8.00 %
743 - Smoke detector activation, no fire - unintentional	3	6.00 %
744 - Detector activation, no fire - unintentional	1	2.00 %
745 - Alarm system sounded, no fire - unintentional	18	36.00 %
746 - Carbon monoxide detector activation, no CO	5	10.00 %
<b>Total - False Alarm &amp; False Call</b>	<b>50</b>	<b>6.10 %</b>
900 - Special type of incident, other	1	100.00 %
<b>Total - Special Incident Type</b>	<b>1</b>	<b>0.12 %</b>
<b>Total for Station: ST9:</b>	<b>820</b>	<b>9.89 %</b>
<b>Station: WBFD</b>		
551 - Assist police or other governmental agency	1	100.00 %
<b>Total - Service Call</b>	<b>1</b>	<b>100.00 %</b>
<b>Total for Station: WBFD:</b>	<b>1</b>	<b>0.01 %</b>
	<b>8,288</b>	

# Incident Counts for Incident Type and City

For Dates 1/1/17 - 12/31/17



	<u>Count</u>	
<b>KEEGO HARBOR</b>		
100 - Fire, other	1	0.34%
113 - Cooking fire, confined to container	3	1.03%
118 - Trash or rubbish fire, contained	1	0.34%
160 - Special outside fire, other	1	0.34%
<b>Total - Fires</b>	<b>6</b>	<b>2.07%</b>
321 - EMS call, excluding vehicle accident with injury	185	63.79%
322 - Vehicle accident with injuries	9	3.10%
323 - Motor vehicle/pedestrian accident (MV Ped)	1	0.34%
381 - Rescue or EMS standby	1	0.34%
<b>Total - Rescue &amp; Emergency Medical Service Incidents</b>	<b>196</b>	<b>67.59%</b>
400 - Hazardous condition, other	2	0.69%
411 - Gasoline or other flammable liquid spill	2	0.69%
412 - Gas leak (natural gas or LPG)	4	1.38%
424 - Carbon monoxide incident	1	0.34%
444 - Power line down	13	4.48%
<b>Total - Hazardous Conditions (No fire)</b>	<b>22</b>	<b>7.59%</b>
500 - Service Call, other	1	0.34%
542 - Animal rescue	1	0.34%
550 - Public service assistance, other	2	0.69%
551 - Assist police or other governmental agency	2	0.69%
553 - Public service	1	0.34%
554 - Assist invalid	19	6.55%
<b>Total - Service Call</b>	<b>26</b>	<b>8.97%</b>
600 - Good intent call, other	5	1.72%
611 - Dispatched & cancelled en route	13	4.48%
611E - EMS: Dispatched & cancelled en route	1	0.34%
622 - No incident found on arrival at dispatch address	5	1.72%
650 - Steam, other gas mistaken for smoke, other	1	0.34%
651 - Smoke scare, odor of smoke	2	0.69%
<b>Total - Good Intent Call</b>	<b>27</b>	<b>9.31%</b>
730 - System malfunction, other	1	0.34%
733 - Smoke detector activation due to malfunction	2	0.69%
735 - Alarm system sounded due to malfunction	3	1.03%
740 - Unintentional transmission of alarm, other	3	1.03%
745 - Alarm system sounded, no fire - unintentional	3	1.03%
746 - Carbon monoxide detector activation, no CO	1	0.34%

## Incident Counts for Incident Type and City

	<u>Count</u>	
<b>Total - Fals Alarm &amp; False Call</b>	13	<b>4.48%</b>
<b>Total Incidents for KEEGO HARBOR</b>	<b>290</b>	<b>3.57%</b>
<b>ORCHARD LAKE</b>		
113 - Cooking fire, confined to container	2	0.85%
114 - Chimney or flue fire, confined to chimney or flue	1	0.43%
118 - Trash or rubbish fire, contained	1	0.43%
160 - Special outside fire, other	1	0.43%
<b>Total - Fires</b>	<b>5</b>	<b>2.14%</b>
320 - Emergency medical service, other	2	0.85%
321 - EMS call, excluding vehicle accident with injury	97	41.45%
322 - Vehicle accident with injuries	20	8.55%
323 - Motor vehicle/pedestrian accident (MV Ped)	1	0.43%
324 - Motor vehicle accident with no injuries	4	1.71%
352 - Extrication of victim(s) from vehicle	1	0.43%
353 - Removal of victim(s) from stalled elevator	1	0.43%
<b>Total - Rescue &amp; Emergency Medical Service Incidents</b>	<b>126</b>	<b>53.85%</b>
400 - Hazardous condition, other	2	0.85%
411 - Gasoline or other flammable liquid spill	1	0.43%
412 - Gas leak (natural gas or LPG)	3	1.28%
440 - Electrical wiring/equipment problem, other	3	1.28%
443 - Light ballast breakdown	1	0.43%
444 - Power line down	16	6.84%
445 - Arcing, shorted electrical equipment	2	0.85%
<b>Total - Hazardous Conditions (No fire)</b>	<b>28</b>	<b>11.97%</b>
500 - Service Call, other	1	0.43%
512 - Ring or jewelry removal	1	0.43%
550 - Public service assistance, other	2	0.85%
551 - Assist police or other governmental agency	2	0.85%
5531 - Tree Removal	10	4.27%
554 - Assist invalid	8	3.42%
<b>Total - Service Call</b>	<b>24</b>	<b>10.26%</b>
600 - Good intent call, other	3	1.28%
611 - Dispatched & cancelled en route	20	8.55%
622 - No incident found on arrival at dispatch address	4	1.71%
651 - Smoke scare, odor of smoke	2	0.85%
<b>Total - Good Intent Call</b>	<b>29</b>	<b>12.39%</b>
700 - False alarm or false call, other	1	0.43%
710 - Malicious, mischievous false call, other	1	0.43%
736 - CO detector activation due to malfunction	1	0.43%

## Incident Counts for Incident Type and City

	<u>Count</u>	
743 - Smoke detector activation, no fire - unintentional	1	0.43%
744 - Detector activation, no fire - unintentional	1	0.43%
745 - Alarm system sounded, no fire - unintentional	16	6.84%
<b>Total - Fals Alarm &amp; False Call</b>	<b>21</b>	<b>8.97%</b>
900 - Special type of incident, other	1	0.43%
<b>Total - Special Incident Type</b>	<b>1</b>	<b>0.43%</b>
<b>Total Incidents for ORCHARD LAKE</b>	<b>234</b>	<b>2.88%</b>
<b>SYLVAN LAKE</b>		
118 - Trash or rubbish fire, contained	1	0.61%
142 - Brush, or brush and grass mixture fire	1	0.61%
<b>Total - Fires</b>	<b>2</b>	<b>1.22%</b>
221 - Overpressure rupture of air or gas pipe/pipeline	1	0.61%
<b>Total - Overpressure Rupture, Explosion, Overheat - no fire</b>	<b>1</b>	<b>0.61%</b>
321 - EMS call, excluding vehicle accident with injury	89	54.27%
322 - Vehicle accident with injuries	5	3.05%
324 - Motor vehicle accident with no injuries	2	1.22%
<b>Total - Rescue &amp; Emergency Medical Service Incidents</b>	<b>96</b>	<b>58.54%</b>
400 - Hazardous condition, other	3	1.83%
412 - Gas leak (natural gas or LPG)	2	1.22%
440 - Electrical wiring/equipment problem, other	3	1.83%
444 - Power line down	2	1.22%
<b>Total - Hazardous Conditions (No fire)</b>	<b>10</b>	<b>6.10%</b>
500 - Service Call, other	1	0.61%
522 - Water or steam leak	1	0.61%
531 - Smoke or odor removal	1	0.61%
541 - Animal problem	1	0.61%
550 - Public service assistance, other	1	0.61%
551 - Assist police or other governmental agency	3	1.83%
554 - Assist invalid	16	9.76%
<b>Total - Service Call</b>	<b>24</b>	<b>14.63%</b>
600 - Good intent call, other	1	0.61%
611 - Dispatched & cancelled en route	15	9.15%
622 - No incident found on arrival at dispatch address	3	1.83%
651 - Smoke scare, odor of smoke	1	0.61%
<b>Total - Good Intent Call</b>	<b>20</b>	<b>12.20%</b>
700 - False alarm or false call, other	1	0.61%
735 - Alarm system sounded due to malfunction	2	1.22%
740 - Unintentional transmission of alarm, other	1	0.61%



## Incident Counts for Incident Type and City

	<u>Count</u>	
743 - Smoke detector activation, no fire - unintentional	1	0.61%
745 - Alarm system sounded, no fire - unintentional	3	1.83%
746 - Carbon monoxide detector activation, no CO	3	1.83%
<b>Total - Fals Alarm &amp; False Call</b>	<b>11</b>	<b>6.71%</b>
<b>Total Incidents for SYLVAN LAKE</b>	<b>164</b>	<b>2.02%</b>
<b>WEST BLOOMFIELD</b>		
111 - Building fire	3	0.47%
113 - Cooking fire, confined to container	1	0.16%
<b>Total - Fires</b>	<b>4</b>	<b>0.63%</b>
251 - Excessive heat, scorch burns with no ignition	1	0.16%
<b>Total - Overpressure Rupture, Explosion, Overheat - no fire</b>	<b>1</b>	<b>0.16%</b>
320 - Emergency medical service, other	1	0.16%
321 - EMS call, excluding vehicle accident with injury	417	65.16%
322 - Vehicle accident with injuries	10	1.56%
324 - Motor vehicle accident with no injuries	4	0.63%
352 - Extrication of victim(s) from vehicle	2	0.31%
<b>Total - Rescue &amp; Emergency Medical Service Incidents</b>	<b>434</b>	<b>67.81%</b>
400 - Hazardous condition, other	1	0.16%
412 - Gas leak (natural gas or LPG)	2	0.31%
424 - Carbon monoxide incident	1	0.16%
440 - Electrical wiring/equipment problem, other	2	0.31%
442 - Overheated motor	1	0.16%
444 - Power line down	3	0.47%
445 - Arcing, shorted electrical equipment	1	0.16%
<b>Total - Hazardous Conditions (No fire)</b>	<b>11</b>	<b>1.72%</b>
520 - Water problem, other	1	0.16%
522 - Water or steam leak	5	0.78%
531 - Smoke or odor removal	1	0.16%
541 - Animal problem	1	0.16%
551 - Assist police or other governmental agency	2	0.31%
553 - Public service	6	0.94%
5531 - Tree Removal	5	0.78%
554 - Assist invalid	93	14.53%
<b>Total - Service Call</b>	<b>114</b>	<b>17.81%</b>
600 - Good intent call, other	6	0.94%
611 - Dispatched & cancelled en route	28	4.38%
611E - EMS: Dispatched & cancelled en route	2	0.31%
622 - No incident found on arrival at dispatch address	12	1.88%
651 - Smoke scare, odor of smoke	3	0.47%

## Incident Counts for Incident Type and City

	<u>Count</u>	
652 - Steam, vapor, fog or dust thought to be smoke	1	0.16%
<b>Total - Good Intent Call</b>	<b>52</b>	<b>8.13%</b>
721 - Bomb scare - no bomb	1	0.16%
735 - Alarm system sounded due to malfunction	1	0.16%
741 - Sprinkler activation, no fire - unintentional	1	0.16%
743 - Smoke detector activation, no fire - unintentional	2	0.31%
744 - Detector activation, no fire - unintentional	2	0.31%
745 - Alarm system sounded, no fire - unintentional	9	1.41%
746 - Carbon monoxide detector activation, no CO	6	0.94%
<b>Total - Fals Alarm &amp; False Call</b>	<b>22</b>	<b>3.44%</b>
812 - Flood assessment	1	0.16%
<b>Total - Severe Weather &amp; Natural Disaster</b>	<b>1</b>	<b>0.16%</b>
9001 - Run Canceled before dispatch	1	0.16%
<b>Total - Special Incident Type</b>	<b>1</b>	<b>0.16%</b>
<b>Total Incidents for West Bloomfield</b>	<b>640</b>	<b>7.88%</b>
<b>WEST BLOOMFIELD TWP</b>		
100 - Fire, other	1	0.01%
110 - Structure fire, other	1	0.01%
111 - Building fire	29	0.43%
113 - Cooking fire, confined to container	18	0.27%
114 - Chimney or flue fire, confined to chimney or flue	1	0.01%
116 - Fuel burner/boiler malfunction, fire confined	2	0.03%
130 - Mobile property (vehicle) fire, other	1	0.01%
131 - Passenger vehicle fire	6	0.09%
138 - Off-road vehicle or heavy equipment fire	1	0.01%
141 - Forest, woods or wildland fire	2	0.03%
142 - Brush, or brush and grass mixture fire	3	0.04%
143 - Grass fire	3	0.04%
150 - Outside rubbish fire, other	1	0.01%
151 - Outside rubbish, trash or waste fire	1	0.01%
154 - Dumpster or other outside trash receptacle fire	1	0.01%
160 - Special outside fire, other	4	0.06%
<b>Total - Fires</b>	<b>75</b>	<b>1.10%</b>
211 - Overpressure rupture of steam pipe or pipeline	1	0.01%
251 - Excessive heat, scorch burns with no ignition	2	0.03%
<b>Total - Overpressure Rupture, Explosion, Overheat - no fire</b>	<b>3</b>	<b>0.04%</b>
300 - Rescue, emergency medical call (EMS) call, other	3	0.04%
311 - Medical assist, assist EMS crew	11	0.16%
320 - Emergency medical service, other	13	0.19%

## Incident Counts for Incident Type and City

	<u>Count</u>	
321 - EMS call, excluding vehicle accident with injury	4,237	62.39%
322 - Vehicle accident with injuries	216	3.18%
323 - Motor vehicle/pedestrian accident (MV Ped)	4	0.06%
324 - Motor vehicle accident with no injuries	31	0.46%
353 - Removal of victim(s) from stalled elevator	2	0.03%
360 - Water & ice related rescue, other	2	0.03%
365 - Watercraft rescue	1	0.01%
381 - Rescue or EMS standby	2	0.03%
<b>Total - Rescue &amp; Emergency Medical Service Incidents</b>	<b>4,522</b>	<b>66.59%</b>
400 - Hazardous condition, other	29	0.43%
411 - Gasoline or other flammable liquid spill	1	0.01%
412 - Gas leak (natural gas or LPG)	40	0.59%
422 - Chemical spill or leak	2	0.03%
424 - Carbon monoxide incident	11	0.16%
440 - Electrical wiring/equipment problem, other	12	0.18%
441 - Heat from short circuit (wiring), defective/worn	4	0.06%
442 - Overheated motor	3	0.04%
444 - Power line down	92	1.35%
445 - Arcing, shorted electrical equipment	27	0.40%
451 - Biological hazard, confirmed or suspected	1	0.01%
462 - Aircraft standby	1	0.01%
<b>Total - Hazardous Conditions (No fire)</b>	<b>223</b>	<b>3.28%</b>
500 - Service Call, other	29	0.43%
510 - Person in distress, other	2	0.03%
511 - Lock-out	6	0.09%
512 - Ring or jewelry removal	2	0.03%
520 - Water problem, other	1	0.01%
522 - Water or steam leak	17	0.25%
531 - Smoke or odor removal	8	0.12%
540 - Animal problem, other	2	0.03%
541 - Animal problem	2	0.03%
542 - Animal rescue	4	0.06%
550 - Public service assistance, other	19	0.28%
551 - Assist police or other governmental agency	32	0.47%
552 - Police matter	9	0.13%
553 - Public service	30	0.44%
5531 - Tree Removal	45	0.66%
554 - Assist invalid	804	11.84%
561 - Unauthorized burning	3	0.04%
<b>Total - Service Call</b>	<b>1,015</b>	<b>14.95%</b>
600 - Good intent call, other	78	1.15%

## Incident Counts for Incident Type and City

	<u>Count</u>	
611 - Dispatched & cancelled en route	375	5.52%
611E - EMS: Dispatched & cancelled en route	26	0.38%
621 - Wrong location	1	0.01%
622 - No incident found on arrival at dispatch address	56	0.82%
650 - Steam, other gas mistaken for smoke, other	1	0.01%
651 - Smoke scare, odor of smoke	32	0.47%
661 - EMS call, party transported by non-fire agency	1	0.01%
671 - Hazmat release investigation w/ no hazmat	1	0.01%
<b>Total - Good Intent Call</b>	<b>571</b>	<b>8.41%</b>
700 - False alarm or false call, other	59	0.87%
710 - Malicious, mischievous false call, other	10	0.15%
711 - Municipal alarm system, malicious false alarm	2	0.03%
712 - Direct tie to FD, malicious/false alarm	1	0.01%
714 - Central station, malicious false alarm	3	0.04%
715 - Local alarm system, malicious false alarm	1	0.01%
730 - System malfunction, other	3	0.04%
731 - Sprinkler activation due to malfunction	1	0.01%
732 - Extinguishing system activation due to malfunction	1	0.01%
733 - Smoke detector activation due to malfunction	13	0.19%
735 - Alarm system sounded due to malfunction	17	0.25%
736 - CO detector activation due to malfunction	2	0.03%
740 - Unintentional transmission of alarm, other	19	0.28%
741 - Sprinkler activation, no fire - unintentional	2	0.03%
743 - Smoke detector activation, no fire - unintentional	19	0.28%
744 - Detector activation, no fire - unintentional	8	0.12%
745 - Alarm system sounded, no fire - unintentional	134	1.97%
746 - Carbon monoxide detector activation, no CO	75	1.10%
<b>Total - Fals Alarm &amp; False Call</b>	<b>370</b>	<b>5.45%</b>
813 - Wind storm, tornado/hurricane assessment	1	0.01%
815 - Severe weather or natural disaster standby	1	0.01%
<b>Total - Severe Weather &amp; Natural Disaster</b>	<b>2</b>	<b>0.03%</b>
9001 - Run Canceled before dispatch	7	0.10%
911 - Citizen complaint	3	0.04%
<b>Total - Special Incident Type</b>	<b>10</b>	<b>0.15%</b>
<b>Total Incidents for West Bloomfield Twp</b>	<b>6,791</b>	<b>83.64%</b>
<b>Total incidents for the date range selected</b>	<b>8,119</b>	