

# ***2016 WISCONSIN BURNING***



**April 2018**

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 Fire Prevention Program  
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## Wisconsin Department of Safety and Professional Services

# INTRODUCTION

Wisconsin Department of Safety and Professional Services  
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April 2018

The Wisconsin Department of Safety and Professional Services (DSPS) Fire Prevention Program is pleased to present the *2016 Wisconsin Burning* report. This report presents data on fire department incidents to help readers understand the Wisconsin fire situation and to help the fire service improve public safety services.

This data is also used at the national level to help identify challenges facing the fire service and understand what resources are needed to meet those challenges. All of the data for *2016 Wisconsin Burning* was solely collected from submissions by fire departments into the National Fire Incident Reporting System (NFIRS). Presently, Wisconsin has 828 fire departments, of which 815 departments are required to report data to the NFIRS database (11 departments are not required per their status being Federal/State/Military/Private or an Affiliate of another fire department). Incident reporting provides essential information about fires, their causes and consequences, as well as descriptive data about many other types of emergency services that fire departments provide to their community. Such data can help communities improve their fire protection systems while helping fire departments devise better ways to provide service. As we track data across the years, we will be able to recognize trends and determine how the fire problem in Wisconsin is changing.

We hope this information will be useful to Wisconsin fire departments, elected officials, and the general public as a planning tool for meeting the future needs of the fire service and fire safety in Wisconsin.

## Statistics Disclaimer

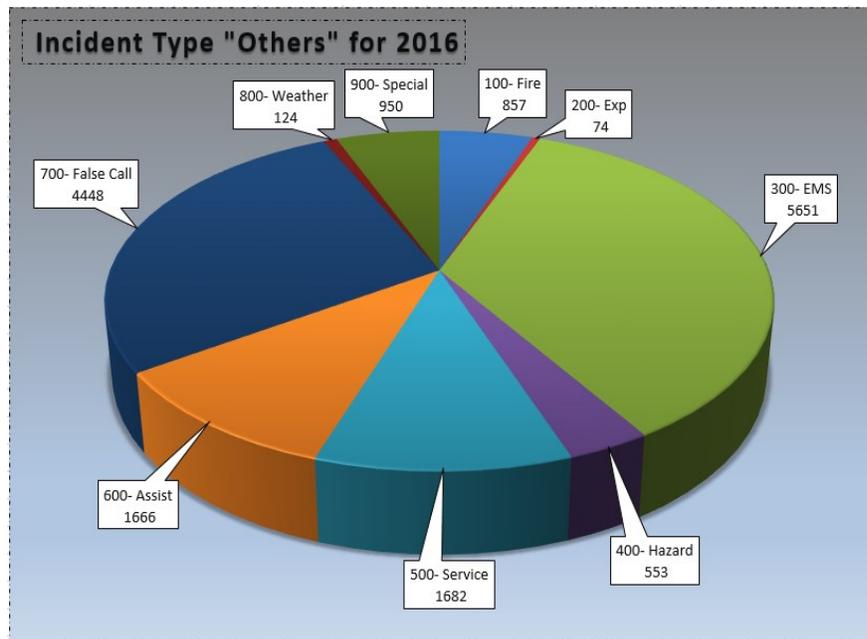
As you read through *2016 Wisconsin Burning*, you may question some of the numbers reported.

The data in this report contains only that information supplied by reporting fire departments.

Incident information submitted does not always translate into usable data once it enters NFIRS. NFIRS requires a minimum amount of data for an incident to be considered valid. If critical data, such as type of fire, is missing the incident cannot be accurately analyzed. Some fire departments report all responses, while others only report fire

responses. To paint a true picture of the fire departments' role in Wisconsin communities, this report contains information on all reported response types. Developing incident response data for a fire department can help determine the use of limited resources and budget dollars. Data submitted on fire cause determination has improved since the 2015 report, however, it still needs improvement. **When reporting incidents we need to be more specific and not over use the "OTHER" category i.e. 100-Fire, other; 200-Overpressure, other. For example in 2016 the "OTHER" category was used a total of 16,005 times. That is an increase from 2015 by 1,019 times.** *Wisconsin State Statute § 165.55 requires a fire chief to investigate the cause, origin and circumstances of every fire occurring in his or her jurisdiction.* The data being submitted to the NFIRS database indicates that too often this statutory requirement is not being met.

As more fire departments enter their incident data, a more accurate assessment of Wisconsin's fire problem can be compiled. The DSPS Fire Prevention staff trains fire departments in accessing and properly submitting fire incident data. Fire departments are encouraged to participate in this training.



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## FIRE FACTS

	2015	2016
Total # FDID's in Wisconsin	831	828
# of FDID's that reported incidents	809	801
# of FDID's not reporting any incidents (minus 11 FD's not required to report)	11	16
# of Paid Fire Fighters	1,617	1,617
# of Volunteer Fire Fighters	5,361	5,341
# of Paid Per Call Fire Fighters	5,193	5,193
# of times Mutual Aid Was Given	16,327	16,426
Total \$ Loss	\$242,943,526.00	\$233,866,404.00



## INCIDENT REPORTING

*2016 Wisconsin Burning* contains information on the total number of incidents reported by participating fire departments. In 2016, a total of 801 fire departments reported incident data to NFIRS. This is eight less fire departments than reported in 2015. Four of the eight became inactive departments as of December 31, 2015.

For 2016, **SPS 314 and NFPA 1 (2012)** has the following requirements under **1.11.3.2** The fire department shall keep a record of fire and other emergency responses occurring within its jurisdiction and of facts concerning the same, including statistics as to the extent and damage caused by such fires or emergencies. In addition, Wisconsin State Statutes § 101.141 shall apply; **101.141 RECORD KEEPING OF FIRES. (1)** Each city, village, and town fire department shall file a report for each fire that involves a building and that occurs within the boundaries of the city, village, or town with the U.S. fire administration for placement in the fire incident reporting system maintained by the U.S. fire administration. The report shall be filed within 60 days after the fire occurs.

**SPS 314.01 (11) FIRE INCIDENT REPORTS.** Substitute the following wording for the requirements in NFPA 1 section 1.11.3.2:

- (a) 1. For each fire, a record shall be compiled by a fire department serving the municipality in which the fire occurred.
2. The record in subd. 1. shall include all applicable information specified in s. 101.141 (2), Stats., shall be filed with the federal agency specified in s. 101.141 (1), Stats., and shall be filed no later than the deadline specified in s. 101.141(1) .

The fire service, the DSPS, and the U.S. Fire Administration recognize the importance of accurately reporting all fires. To be eligible for federal government fire grants, fire departments must report all incidents to the NFIRS. Failure to report can disqualify a department from receiving grants and may also disqualify members from attending training at the National Fire Academy.

To report the 2016 fire incident data, Wisconsin fire departments used one of the four methods:

1. State-provided Image Trend
2. Federally-provided Data Entry Tool (DET)
3. Federally-provided Data Entry Browser Interface (DEBI)
4. 3rd party software (Firehouse, Fire Programs, Emergency Reporting, ProPhoenix etc.)

## SUMMARY BY INCIDENT TYPE

### 100-Fire (Fire)

The number of fire calls reported in 2016 was lower than in 2015 by 1,997. Fires accounted for 18,056 of the reported incidents with 9,797 classified as Structure fires (111-123), 3,129 were Vehicle fires (130-138), 4,269 were classified as Natural vegetation, rubbish, special outside, or crop fire (140-173) and 861 were classified as Fire, other (100).

### 200-Overpressure Rupture, Explosion, Overheat (Exp)

There were a total of 735 Overpressure Rupture calls in 2016. Some of those calls are listed here: 504 of them were Excessive heat , scorch burns with no ignition (251). 66 incidents were Overpressure rupture from air or gas (no ensuing fire) (220-223), 47 were Overpressure rupture from steam (no ensuing fire) (210-213) and 74 of them were listed as Overpressure, rupture, explosion, overheat, other (200).

### 300-Rescue and Emergency Medical Service Incident (EMS)

Rescue and EMS incidents accounted for 201,214 calls, the most of the year. The top three of this category are as follows: 135,823 were for EMS call, excluding vehicle accident with injury (321), 21,736 were for Medical Assist, assist EMS crew (311) and 5,651 were listed as Emergency medical service incident, other (300).

### 400-Hazardous Calls (Hazard)

The number of Hazardous calls in 2016 increased to 15,831 from 14,044 in 2015. 3,195 were considered a Gas leak (natural gas or LPG) (412), 2,608 were Carbon monoxide incidents (424) and 2,316 were a Power line down (444).

### 500-Service Calls (Service)

Fire departments had 17,990 service calls in Wisconsin, 3,615 were Assist invalid (554), 2,283 were Smoke or odor removal (531) and 1,688 were Service call, other (500).

### 600-Good Intent Calls (Assist)

There were a total of 21,176 Good Intent calls in 2016. Over half of those calls, 11,390 were Dispatched & canceled en route (611). 4,047 calls were No incident found at dispatched address (622) and 1,670 were recorded as Good intent call, other (600). 120 calls were sent to the Wrong location (621) a decrease of 9 from 2015.

## SUMMARY BY INCIDENT TYPE cont....

### 700-False Alarm/False Call (False)

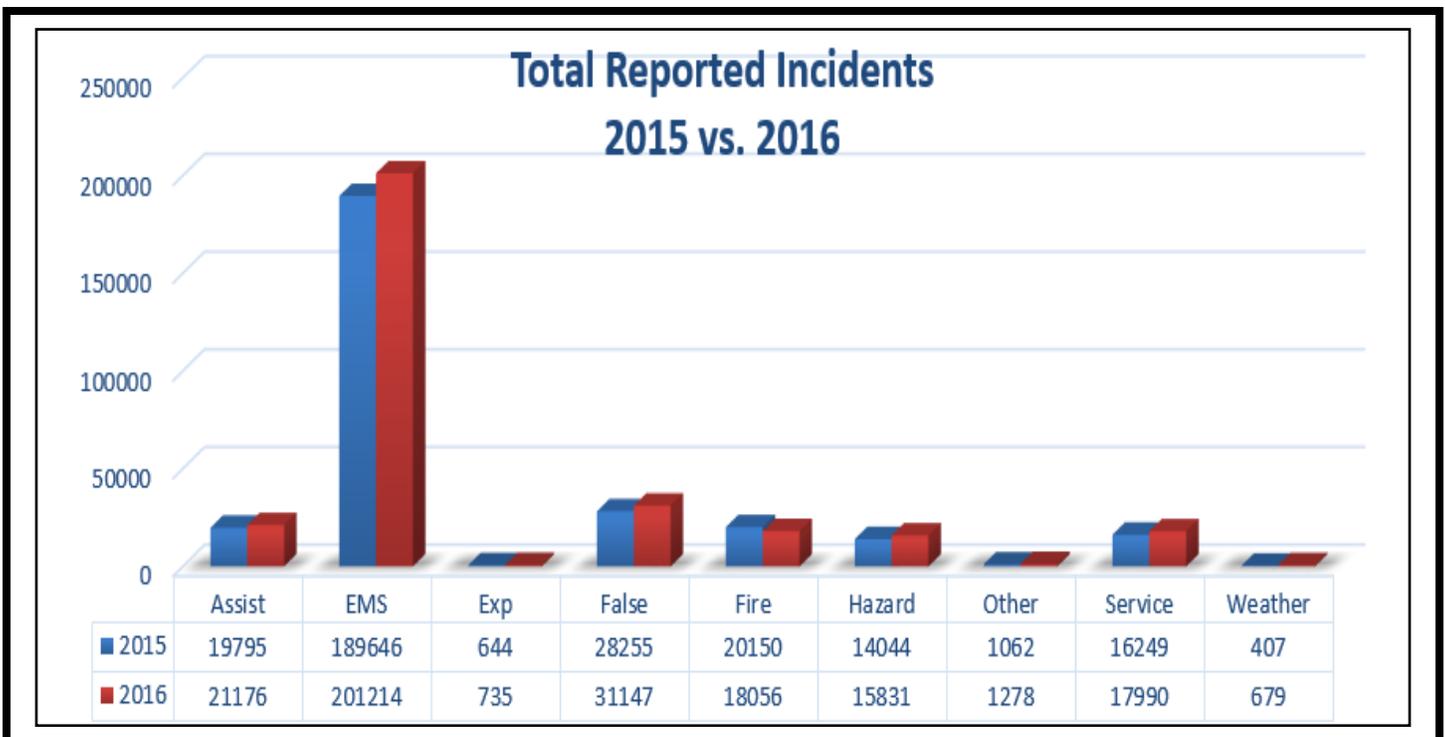
There were a total of 30,874 false calls in 2016, with an increase of 2,892 from 2015. The top three in this category are as follows: 6,286 were recorded as Alarm system activation (no fire), unintentional (745), 4,455 were Smoke detector activation (no fire), unintentional (743). 4,451 were recorded as False alarm, False call, other (700).

### 800-Severe Weather and Natural Disaster (Weather)

Wisconsin had 178 Wind storm/tornado/hurricane or cyclone assessment incidents (813), 132 Lightning strikes with no fire (814), 172 Severe weather or natural disaster, standby (815) and 73 Flood assessment (812). 124 reported incidents were listed as Severe weather or natural disaster, other (800). For a total of 679 Weather related incidents.

### 900- Special Incident Type (Other)

A total of 1,278 Special Incidents were reported in 2016, 952 were listed as Special type of incident, other (900) and 326 were listed as Citizen complaint (911).



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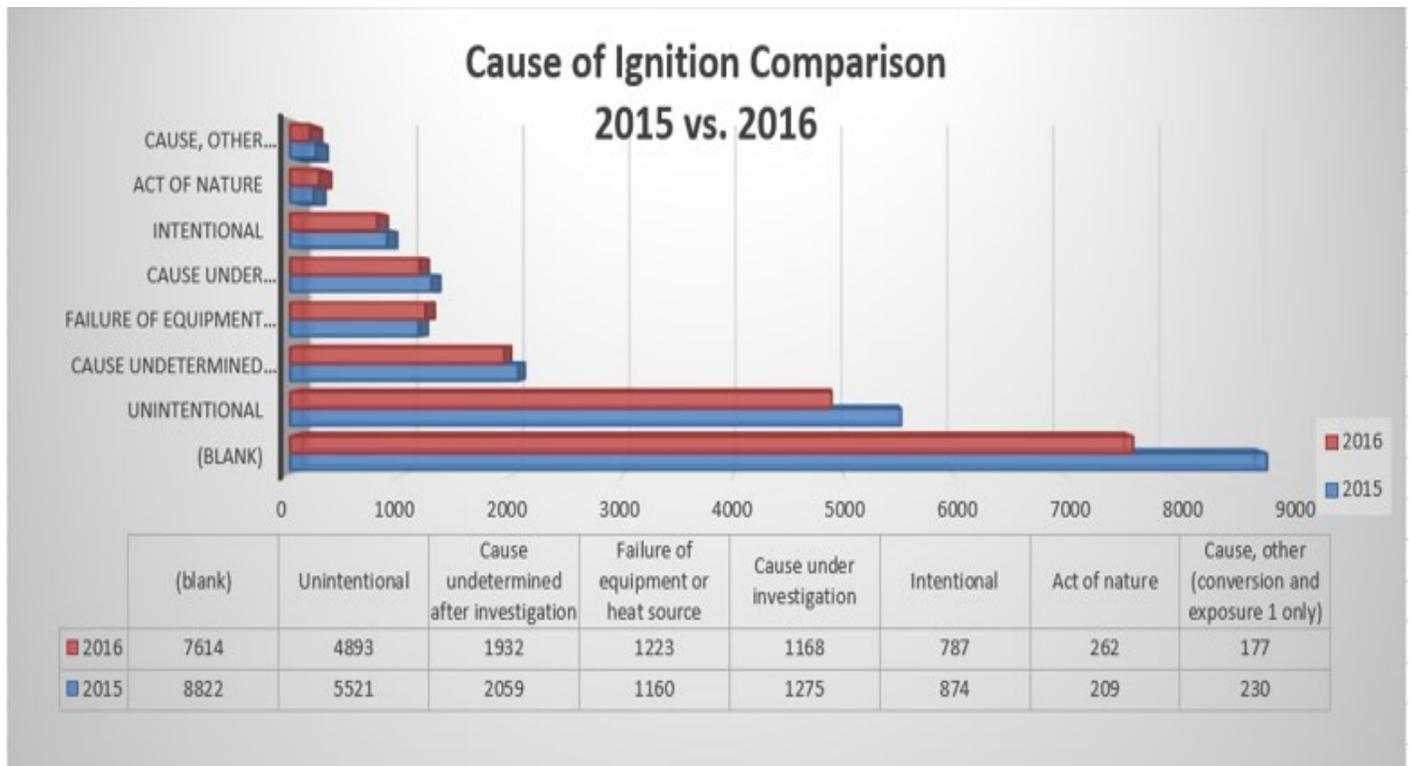
# CAUSE OF IGNITION

In 2016, the highest Cause of Ignition was reported as Unintentional (4893). The reported fire cause for 787 incidents was for “Intentionally” set fires, which is a decrease from 2015. 1,932 incidents were listed as “Undetermined after investigation” this is also a decrease from 2015. Out of the 18,085 fire incidents reported to NFIRS for 2016, 7,614 of them were left blank when asked what the Cause of Ignition was.

A few of the fires identified as “Intentionally Set” included 158 Building fires, 123 Brush and/or Grass fires, 107 Outside rubbish fires, 77 Passenger vehicle fires, 50 Grass fires, 37 Special Outside fires, other and 45 were reported as Fire, other.

The most frequently determined cause of vegetation, crop, and special outside fires (3502 fires) was “All Other Causes”. Another 449 vegetation fires were listed as “Intentional” while “Smoking” was the responsible cause in 79 reported fires. “Fireworks” caused 18 vegetation/crop/special outside fires. Of the 3,129 reported vehicle fires, 39 of them were found to be “Exposure from a fire”, “Smoking” caused 13 fires while another 6 were the result of “Electrical Distribution”. “Natural Cause” was determined for 5 of the vehicle fires.

In a total of 18,056 reported fires, a cause determination was made in 2,565 of the incidents, but in 15,491 of the fire incidents, they were classified as “All Other Causes”.



## NFIRS REPORTING- INVALIDS

### TOP 25 REASONS OUR NFIRS REPORTS WERE INVALID....

- |  |                                 |
|--|---------------------------------|
| 25. Apparatus Type-84                          | 6. Property Use– 502            |
| 24. State – 115                                | 5. Incident Actions Taken– 538  |
| 23. Incident Mutual Aid Given or Received– 115 | 4. Incident Type– 563           |
| 22. Fire Services Injuries- 116                | 3. Apparatus Clear Time– 569    |
| 21. Non Fire Service Injuries- 116             | 2. Apparatus Dispatch Time– 690 |
| 20. Fire Service Fatalities- 116               |                                 |
| 19. Non Fire Service Fatalities- 116           |                                 |
| 18. Zip Code– 117                              |                                 |
| 17. # of Suppression Apparatus– 120            |                                 |
| 16. # of Other Apparatus– 120                  |                                 |
| 15. # of EMS Personnel– 120                    |                                 |
| 14. # of Suppression Personnel– 120            |                                 |
| 13. # of EMS Apparatus-120                     |                                 |
| 12. Street or Highway Name– 121                |                                 |
| 11. Incident Last Unit Cleared Date– 230       |                                 |
| 10. Incident Last Unit Cleared Time- 282       |                                 |
| 9. City– 395                                   |                                 |
| 8. Incident Arrival Date- 434                  |                                 |
| 7. Incident Arrival Time- 468                  |                                 |

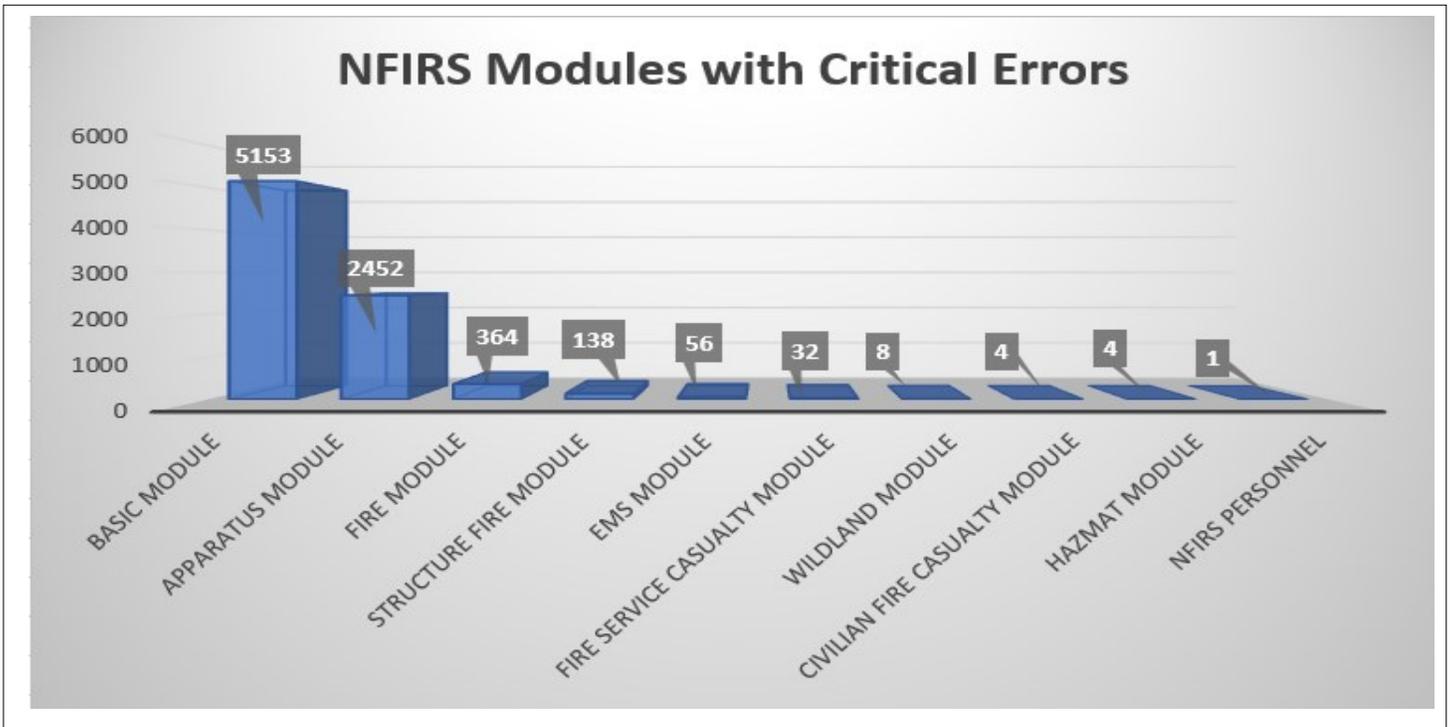
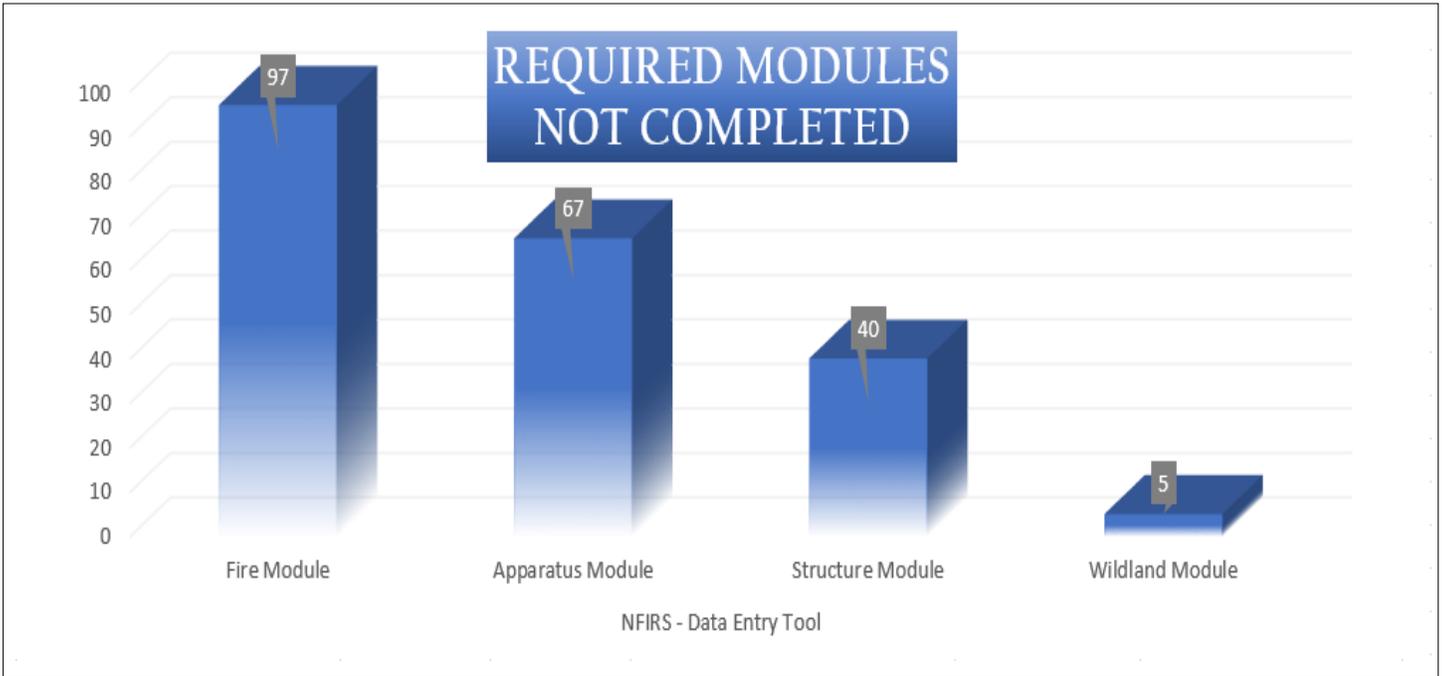
**And the #1 reason why our NFIRS Reports were invalid in 2016.....**

**Apparatus Arrival Time-  
977**

## WHY DO WE HAVE INVALIDS??

When completing a NFIRS incident report there is a minimum amount of data that must be entered into the NFIRS system in order for the incident to be deemed a valid incident. Warning and Critical errors will occur when a required module is missed or incomplete and when module questions are answered incorrectly or not at all. Certain modules are “Required” based on the incident type reported and depending on if the question is a “Required” question or if it is just considered “Additional information” will determine whether it is a Warning or a Critical error. It is very important to answer *all of the required questions in all the required modules as completely as possible. When an incident is deemed invalid the data is considered unusable in the NFIRS system and therefore can not be used for our data analysis.* The charts on page 12 reflect the “Required Modules” missed or left incomplete causing a critical error and the “NFIRS Modules” from 2016 with at least one critical error in them.

# INVALID BREAKDOWN GRAPHS



# WISCONSIN NFIRS CODES AT A GLANCE

## NFIRS Incident Type Codes



Wisconsin Department of Safety and Professional Services  
 PoBox 7302  
 Madison, WI 53707-7302  
 (608) 266-2112 or  
 Toll Free (877) 617-1565

### 100 Series (Fire)

#### (11) Structure Fires

- (111) Building Fires
- (112) Fire in Structures other than in a building
- (113) Cooking fire, confined to container
- (114) Chimney or flue fire, confined to chimney or flue
- (115) incinerator overload or malfunction, fire confined
- (116) Fuel burner/boiler malfunction, fire confined
- (117) Commercial compactor fire, confined to rubbish
- (118) Trash, or rubbish fire in a structure, no flame damage

#### (12) Fire in mobile property used as fixed structure

- (121) Fire in mobile home used as fixed residence
- (122) Fire in motor home, camper, recreational vehicle
- (123) Fire in portable building, fixed location

#### (13) Mobile property (vehicle) fire

- (131) Passenger vehicle fire
- (132) Road freight or transport vehicle fire
- (133) Rail vehicle fire
- (134) Water vehicle fire
- (135) Aircraft vehicle fire
- (136) Self-propelled motor home or recreational vehicle fire
- (137) Camper or recreational vehicle
- (138) Off Road vehicle or heavy equipment fire

#### (14) Natural vegetation fire

- (141) Forest, woods, or wildland fire
- (142) Brush, or brush and grass mixture fire
- (143) Grass fire, includes fire confined to area

#### (15) Outside rubbish fire

- (151) Outside rubbish, trash, or waste fire
- (152) Garbage dump or sanitary landfill fire
- (153) Construction or demolition landfill fire
- (154) Dumpster or other outside trash receptacle fire
- (155) Outside stationary compactor/compacted trash fire

#### (16) Special outside fire

- (161) Outside storage fire on residential or commercial / industrial property
- (162) Outside equipment fire
- (163) Outside gas or vapor combustion explosion
- (164) Outside mailbox fire

#### (17) Cultivated vegetation, crop fire

- (171) Cultivated grain or crop fire
- (172) Cultivated orchard or vineyard fire
- (173) Cultivated trees or nursery stock fire

### 200 Series (Overpressure Explosion, Overheat - No Fire)

#### (21) Overpressure rupture from steam (no Ensuing fire)

- (211) Overpressure rupture of steam pipe or pipeline
- (212) Overpressure rupture of steam boiler
- (213) Steam rupture of pressure or process vessel

#### (22) Overpressure rupture from air or gas - no fire

- (221) Overpressure rupture of air or gas pipe/pipeline
- (222) Overpressure rupture of boiler from air or gas
- (223) Air or gas rupture of pressure or process vessel

#### (23) Overpressure rupture, chemical reaction - no fire

- (231) Chemical reaction rupture of pressure or process vessel

#### (24) Explosion (no fire)

- (241) Munitions of bomb explosion (no fire)
- (242) Blasting agent explosion (no fire)
- (243) Fireworks explosion (no fire), all classes of fireworks

#### (25) Excessive heat, scorch burns with no ignition

- (251) Excessive heat, scorch burns with no ignition.

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## NFIRS INCIDENT TYPE CODES cont.....

### 300 Series (Rescue & EMS Incidents)

#### (31) Medical assist

---(311) Medical assist, assist EMS crew

#### (32) Emergency medical service (EMS) incident

---(321) EMS call, excluding vehicle accident with injury

---(322) Vehicle accident with injuries

---(323) Motor vehicle/pedestrian accident (MV Ped)

---(324) Motor vehicle accident with no injuries

#### (33) Lock-in

---(331) Lock-in, includes vehicles (if lock-out, use 511)

#### (34) Search for lost person

---(341) Search for person on land

---(342) Search for person on water

---(343) Search for person underground

#### (35) Extraction Rescue

---(351) Extrication of victim(s) from building/structure

---(352) Extrication of victim(s) from vehicle

---(353) Removal of victim(s) from stalled elevator

---(354) Trench/below grade rescue

---(355) Confined space rescue

---(356) High angle rescue

---(357) Extrication of victim(s) from machinery

#### (36) Water or ice-related rescue

---(361) Swimming/recreational water areas rescue

---(362) Ice rescue

---(363) Swift water rescue

---(364) Surf rescue

---(365) Watercraft rescue

#### (37) Electrical Rescue

---(371) Electrocution or potential electrocution

---(372) Trapped by power lines

#### (38) Rescue or EMS Standby

---(381) Rescue or EMS standby; hazardous conditions

### 400 Series (Hazardous Conditions - No Fire)

#### (41) Combustible/Flammable spills & leaks

---(411) Gasoline or other flammable liquid spill, class 1

---(412) Gas leak (natural gas or LPG)

---(413) Oil or other combustible liquid spill, Class II or III

#### (42) Chemical release, reaction or toxic condition

---(421) Chemical hazard (no spill or leak)

---(422) Chemical spill or leak

---(423) Refrigeration leak

---(424) Carbon monoxide incident

#### (43) Radioactive condition

---(431) Radiation leak, radioactive material

#### (44) Electrical wiring/equipment problem

---(441) Heat from short circuit (wiring), defective/worn insulation

---(442) Overheated motor or wiring

---(443) Breakdown of light ballast

---(444) Power line down

---(445) Arcing, shorted electrical equipment

#### (45) Biological hazard

---(451) Biological hazard, confirmed or suspected

#### (46) Accident, potential accident

---(461) Building or Structure weakened or collapsed

---(462) Aircraft Standby

---(463) Vehicle accident, general cleanup

#### (47) Explosive, bomb removal

---(471) Explosive, bomb removal (for bomb scare, use 721)

#### (48) Attempted burning, illegal action

---(481) Attempt to burn

---(482) Threat to burn

### 500 Series (Series Call)

#### (51) Person in distress

---(511) Lock-out

---(512) Ring or jewelry removal, no transport to hospital

#### (52) Water problem

---(521) Water (not people) evacuation

---(522) Water or steam leak, including open hydrants

#### (53) Smoke problem

---(531) Smoke or order removal

#### (54) Animal problem or rescue

---(541) Animal problem

---(542) Animal rescue

#### (55) Public service assistance

---(551) Assist police or other governmental agency

---(552) Police matter

## NFIRS INCIDENT TYPE CODES cont. . . . .

### 500 Series (Series Call) cont.A99:A108

- (553) Public service, not government agencies
- (554) Assist invalid
- (555) Defective elevator, no occupants

#### (56) Unauthorized burning

- (561) Unauthorized burning

#### (57) Cover assignment, standby at fire station, move-up

- (571) Cover assignment, standby, move-up

### 600 Series (Good Intent Calls)

#### (61) Dispatched and canceled enroute

- (611) Dispatched & canceled enroute

#### (62) Wrong location, no emergency found

- (621) Wrong location
- (622) No incident found at dispatch address

#### (63) Controlled burning

- (631) Authorized controlled burning
- (632) Prescribed fire (with prior written, approved fire plan)

#### (64) Vicinity alarm

- (641) vicinity alarm (incident in other location)

#### (65) Steam, other gas mistaken for smoke

- (651) Smoke scare, odor of smoke, not steam
- (652) Steam, vapor, fog or dust thought to be smoke
- (653) Smoke from barbecue, tar kettle (not hostile fire)

#### (66) EMS call where party has been transported

- (661) EMS call party transported by non-fire agency

#### (67) Hazmat release investigation w/no hazmat

- (671) Hazmat release investigation w/no hazmat found
- (672) Biological hazard, none found

### 700 Series (False Alarms & False Calls)

#### (71) Malicious, mischievous false alarm

- (711) Municipal alarm system, malicious false alarm
- (712) Direct tie to FD, malicious/false alarm
- (713) Telephone, malicious false alarm
- (714) Central station malicious false alarm
- (715) Local alarm system, malicious false alarm

#### (72) Bomb scar

- (721) Bomb scar - no bomb

### (73) System or detector malfunction

- (731) Sprinkler activation due to system malfunction or failure
- (732) Extinguishing system activation due to malfunction
- (733) Smoke detector activation due to malfunction
- (734) Heat detector activation due to malfunction
- (735) Alarm system activation due to malfunction

### (74) Unintentional system/detector operation - no fire

- (741) Sprinkler activation, no fire - unintentional
- (742) Extinguishing system activation
- (743) Smoke detector activation, no fire - unintentional
- (744) Detector activation, no fire unintentional
- (745) Alarm system activation, no fire unintentional
- (746) Carbon monoxide sector activation, no CO

### (75) Biological hazard

- (751) Biological hazard, malicious false report

### 800 Series (Severe Weather & Natural Disaster)

#### (81) Severe Weather & Natural Disaster

- (811) Earthquake assessment, not rescue/other service
- (812) Flood assessment, not water rescue
- (813) Wind storm, tornado/hurricane assessment
- (814) Lightning strike (no fire), including investigation
- (815) Severe weather or natural disaster standby

### 900 Series (Special Incident Type)

#### (91) Citizen complaint

- (911) Citizen Complaint

## Wisconsin Department of Safety and Professional Services

# NFIRS PROPERTY USE CODES

### NFIRS Property Use Codes

#### Assembly

111 Bowling establishment  
 112 Billiard center, pool hall  
 113 Electronic amusement center/Video  
 Arcades  
 114 Ice rink-exclusively used  
 115 Roller rink/Skateboard Park-exclusively  
 used  
 116 Swimming facility  
 110 Other recreation (golf, batting)  
 121 Dance Hall, gymnasium, indoor courts,  
 tracks  
 122 Convention center, exhibit hall  
 123 Stadium/large fixed seating area  
 124 Playground or outdoor area with fixed  
 recreational equipment.  
 129 Amusement center Includes carnivals,  
 circuses  
 120 Variable-use amusement, recreation  
 places, other.  
 131 Church, Mosque  
 134 Funeral parlor, morgue, crematorium  
 130 Places of worship, funeral parlors, other  
 141 Athletic or health club  
 142 Clubhouse  
 143 Yacht club and facilities  
 144 Casino, gambling clubs-primary use  
 140 Clubs, other  
 151 Library  
 152 Museum, galleries, aquariums  
 154 Memorial structure. Inc monuments and  
 statues  
 155 Courthouse. Includes courtrooms  
 150 Public or government, other  
 161 Restaurant or cafeteria  
 162 Bar, nightclub, saloon, tavern, pub  
 160 Eating, drinking places, other  
 171 Airport passenger terminal.  
 173 Bus station

174 Rapid transit/train station  
 170 Passenger terminal, other  
 181 Live performance theater  
 182 Auditorium, concert hall  
 183 Movie theater  
 185 Radio, television studio  
 186 Film/Movie production studio  
 180 Studio, theater, other  
 100 Assembly, other

#### Educational

210 Schools, non-adult, other  
 211 Preschool-standalone  
 213 Elementary school  
 215 High school, junior high, middle school  
 241 Adult education center, college  
 classroom  
 254 Day care in commercial property  
 255 Day care in residence, licensed  
 256 Day care in residence, unlicensed  
 200 Educational, other

#### Health Care, Detention, and Correction

311 Nursing homes 24-hour care, licensed  
 321 Mental retardation/development  
 disability facility-24hr  
 322 Alcohol/substance recovery center, 24hr  
 housing  
 323 Asylum, mental institution-24hr housing  
 331 Hospital/Infirmary-open 24hr  
 332 Hospices  
 341 Clinic, clinic-type infirmary-no overnight  
 342 Doctor, dentist, or oral surgeon office  
 343 Hemodialysis unit-free standing  
 340 Clinics, doctors' offices, other  
 361 Jail, prison (not juvenile)  
 363 Reformatory, juvenile detention center  
 365 Police station  
 300 Other-Includes animal care

## NFIRS PROPERTY USE CODES cont....

### Residential

419 1- or 2-family dwelling  
 429 Multifamily dwelling  
 439 Boarding/Rooming house  
 449 Hotel/Motel, commercial  
 459 Residential care, halfway houses, assisted-care  
 460 Dormitory-type residence, other  
 462 Sorority house, fraternity house  
 464 Barracks, dormitory  
 400 Residential, other

### Mercantile, Business

511 Convenience store-Excludes service stations  
 519 Food and beverage/liquor sales, grocery store  
 529 Textile, wearing apparel sales  
 539 Household goods, sales, repairs  
 549 Specialty shop  
 557 Personal service-barber/beauty  
 559 Recreational-hobby, sports, garden, lumber  
 564 Laundromat, dry cleaning  
 569 Professional supplies, services  
 571 Service station-gas/LP gas/boat fuel  
 579 Vehicle/boat sales/services/repair  
 581 Department or discount store  
 580 General retail, other  
 592 Bank/Standalone ATM  
 593 Office: veterinary or research-non laboratory  
 596 Post office or mailing firms  
 599 Business office, non-military  
 500 Mercantile, business, other

### Industrial, Utility, Defense, Agriculture, Mining

614 Steam- or heat-generating plant  
 615 Electric-generating plant, regardless of fuel source  
 610 Energy production plant, other  
 629 Laboratory or science laboratory  
 631 Defense, military installation  
 635 Computer center  
 639 Communications center (radio, tv, telecom)  
 642 Electrical distribution-and components  
 644 Gas distribution, gas pipeline  
 645 Flammable liquid distribution system/pipeline  
 647 Water utility  
 648 Sanitation utility-Not dump, landfills  
 640 Utility or distribution system, other  
 655 Crops or orchard, inc processing  
 659 Livestock production, inc processing  
 669 Forest, timberland, woodland-non grassland  
 679 Mine, quarry  
 600 Other

### Manufacturing, Processing

700 Manufacturing, processing, substances into new products

## Wisconsin Department of Safety and Professional Services

# NFIRS PROPERTY USE & ACTION TAKEN CODES

### Storage

807 Outside material storage area  
 808 Outbuilding or shed, not offices  
 816 Grain elevator, silo  
 819 Livestock, poultry storage/pens  
 839 Refrigerated storage  
 849 Outside storage tank  
 880 Vehicle storage, other, non-garage  
 881 Residential Parking garage, detached garage.  
 882 Commercial Parking garage, inc fleet  
 888 Fire station  
 891 Warehouse, not refrigerated  
 898 Dock, marina, pier, wharf  
 899 Residential storage or self-storage units  
 800 Storage, other

### Outside or Special Property

919 Dump, sanitary landfill, recycling point  
 921 Bridge, trestle  
 922 Tunnel  
 926 Outbuilding, protective shelter, mailbox  
 931 Open land or field, non-cultivated  
 935 Campsite with utilities  
 936 Vacant lot-Undeveloped  
 937 Beach  
 938 Cared-for land: parks, cemeteries, golf courses,  
 946 Lake, river, stream  
 940 Water area, other  
 951 Railroad right-of-way  
 952 Railroad yard, switch or classification area  
 961 Highway or divided highway  
 962 Residential street, road, driveway.  
 963 commercial street or road  
 965 Vehicle parking area  
 960 Street, other  
 972 Aircraft runway  
 973 Aircraft taxiway

974 Aircraft loading area  
 981 Construction site: pre-construction or demolition.  
 982 Oil or gas field  
 983 Pipeline, power line/ other utility right of-way  
 984 Industrial plant yard area, not outdoor storage  
 900 Outside or special property, other

000 Property use, other

NNN None

UUU Undetermined

### NFIRS Action Taken Codes

#### Fire Control or Extinguishment

11 Extinguishment by fire service  
 12 Salvage and overhaul.  
 13 Establish fire lines around wildfire  
 14 Contain fire (Wildland).  
 15 Confine fire (Wildland)  
 16 Control fire (Wildland)  
 17 Manage prescribed fire (Wildland)  
 10 Fire control or extinguishment, other

#### Search and Rescue

21 Search for lost/missing persons, animals.  
 22 Rescue, remove from harm-non-vehicle  
 23 Extrication/disentangling of live person  
 24 Recover body or body parts  
 20 Search and rescue, other

#### EMS and Transport

31 Provide first aid/check for injuries/evaluation  
 32 Provide basic life support (BLS).  
 33 Provide advanced life support (ALS).  
 34 Transport of person-fire service ambulance/apparatus.  
 30 Emergency medical services, other.

## NFIRS ACTION TAKEN CODES cont. . . .

### Hazardous Condition

- 41 Identification, analysis of HazMat
- 42 Hazardous materials detection
- 43 HazMat spill control and confinement
- 44 HazMat leak control and containment
- 45 Remove hazard
- 46 Decontaminate persons or equipment
- 47 Decontaminate area exposed to HazMat
- 48 Remove hazardous materials
- 40 Hazardous condition, other

### Fires, Rescues, and Hazardous Conditions

- 51 Ventilate
- 52 Forcible entry by fire service.
- 53 Evacuate area
- 54 Identify/Monitor nonhazardous product
- 55 Establish safe area
- 56 Provide air supply
- 57 Provide light or electrical power
- 58 Operate apparatus or vehicle
- 50 Other Fire, Rescue, Haz Condition service

### Systems and Services

- 61 Restore municipal services
- 62 Restore sprinkler or fire protection system.
- 63 Restore fire alarm system
- 64 Shut down system
- 65 Secure property
- 66 Remove water or control flooding condition
- 60 Systems and services, other

### Assistance

- 71 Assist physically disabled
- 72 Assist animal
- 73 Provide manpower
- 74 Provide apparatus
- 75 Provide equipment to another agency.
- 76 Provide water, non-fire suppression
- 77 Control crowd, not vehicles
- 78 Control traffic
- 79 Assess damage of severe weather/natural disaster
- 70 Assistance, other

### Information, Investigation, and Enforcement

- 81 Incident command
- 82 Notify other entity
- 83 Provide information to public or media
- 84 Refer to proper authority
- 85 Enforce fire code and other codes
- 86 Investigate
- 87-Investigate, Fire out on arrival
- 80 Other

### Fill-in, Standby

- 91 Fill in, move up to another fire station.
- 92 Standby.
- 93 Canceled en route.
- 00 Action taken, other.
- 90 Fill-in, standby, other.

# FIRE INCIDENTS

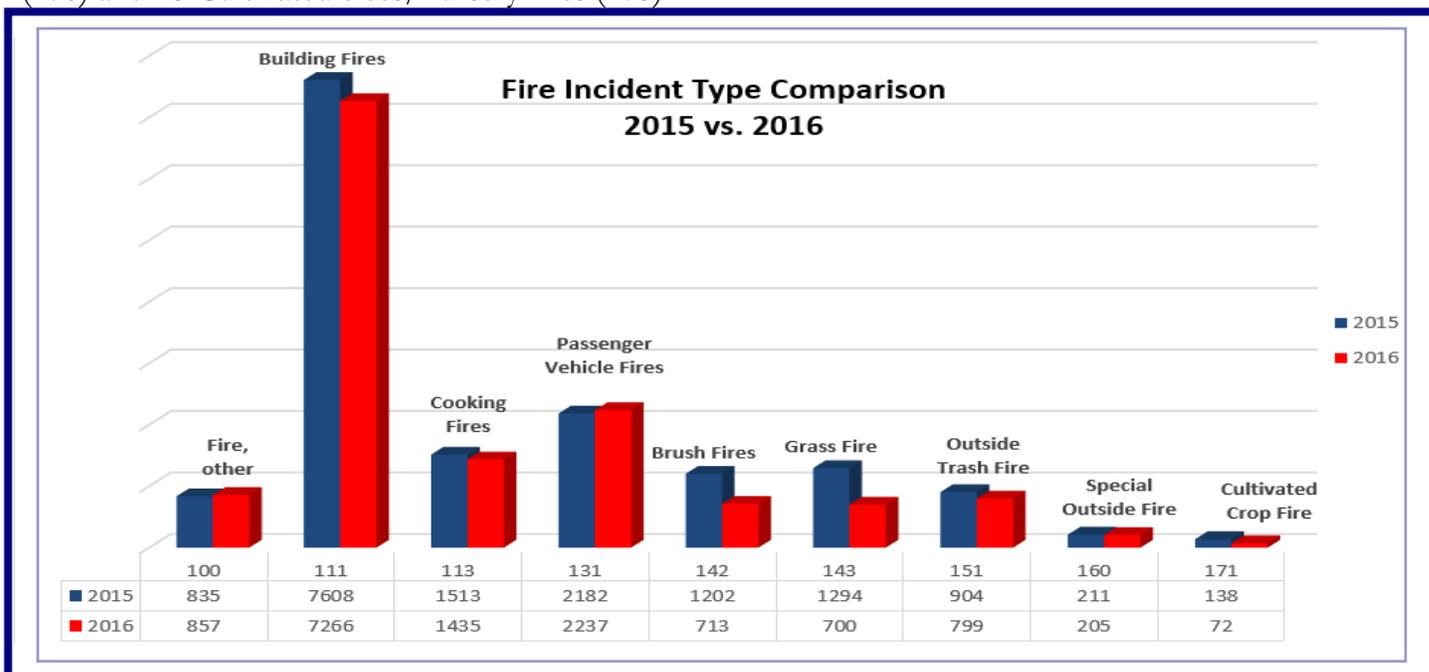
Structure and Mobile Property fires were the most common types reported, with structure fires being by far the largest number at 9,797 and Mobile Property at 3,129. Both Structure and Mobile fires greatest causes were reported as “All Other Causes”. The 2<sup>nd</sup> highest Cause in Structure fires was Cooking, 496 and the 2<sup>nd</sup> highest in Mobile Property was Intentionally set, 88. Brush or brush and grass fires accounted for 713 of the reported 1,988 Natural Vegetation fires. The 2<sup>nd</sup> largest of the vegetation fires were classified as a Grass fire (700), following that were Wildland fires (296) and vegetation fires classified as “Natural Vegetation Fires, Other” fires (279).

Passenger vehicles (131) were the most common mobile property fires reported, with over 2,200. Off road/heavy equipment (138) followed with 323 incidents. Road Freight/transport vehicles(132) had 250 fires and Camper/RV’s (137) were involved in 25 fires in the year 2016.

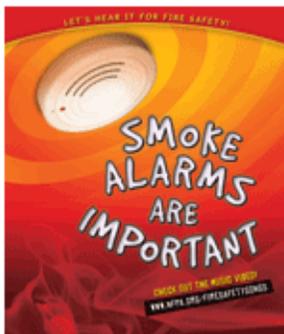
A total of 1,651 Outside rubbish, trash fires were reported, of those 799 were Outside rubbish, trash, or waste fire (151) and 539 were dumpster fires (154).

Outside equipment fires (162) accounted for 189 of the total 490 Special outside fires reported in 2016. Special outside fires, Other (160) had 205 reported fires, followed by Outside storage (161) with 80 fires, Outside gas combustible explosion (163) had 11 fires and fire were Mailbox fires (164).

Last but not least, Cultivated vegetation/crop fires had a total 140 fires. The majority of these fires were reported as Cultivated grain/crop (171) with 72 fires, followed by 55 Cultivated vegetation/crop, other (170) and 13 Cultivated trees/nursery fires (173).



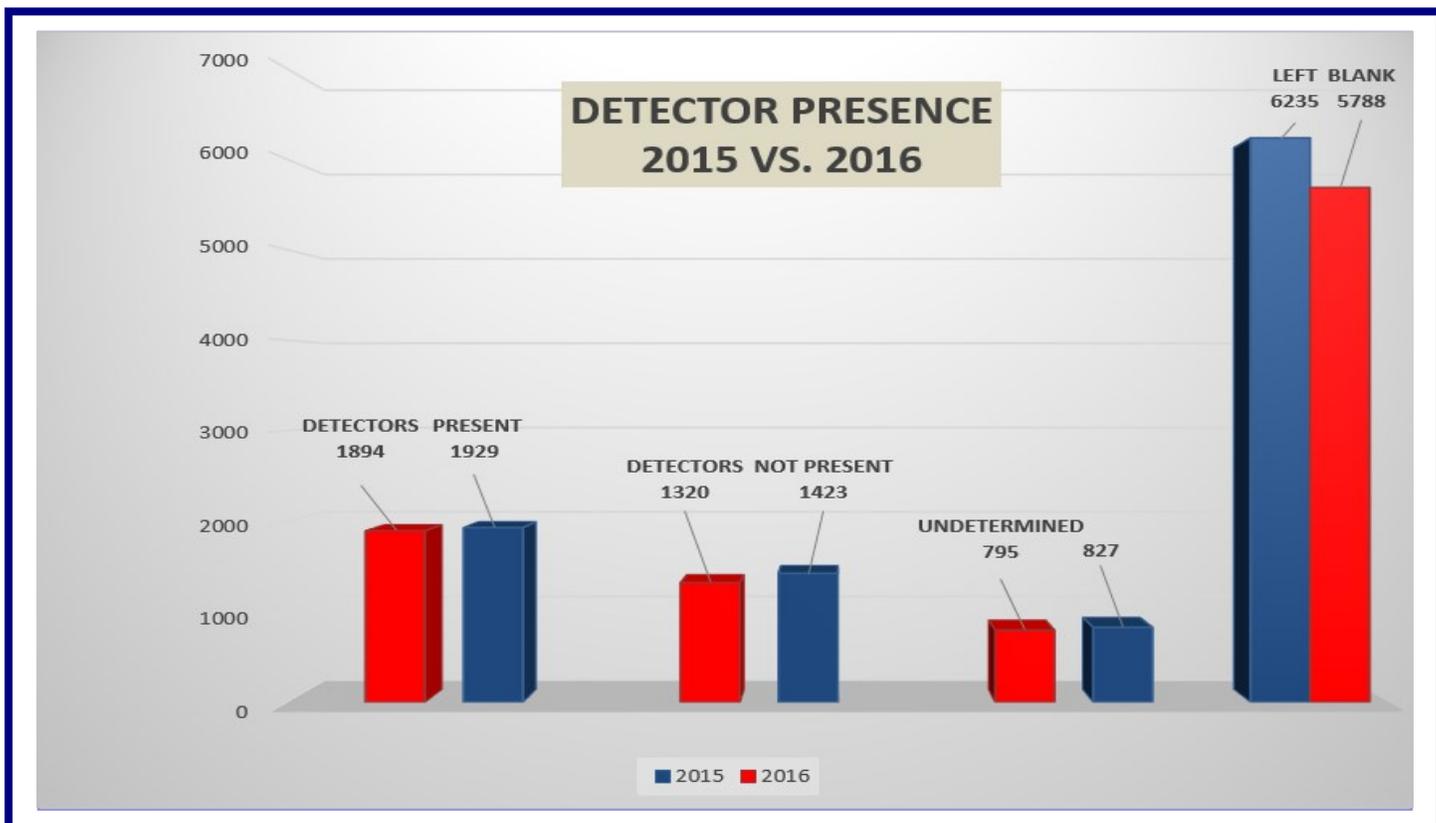
# DETECTOR PRESENCE



During 2016 there were a reported 9,797 Structure fires in the State of Wisconsin. Of those fires, it was reported there were 1,518 detectors present, 1,209 were reported as not present and in 1,731 cases it was reported as Undetermined whether or not detectors were present. 5,339 times this question was left blank. When detectors were present fire reports said that the occupants were alerted by the detector, 1,209 were not alerted, 1,731 said it was unknown if they were alerted and 5,339 times the question was simply left unanswered/blank .

The most common types of detectors in the structures were Smoke detectors (1,545), next was a Combination smoke/heat detectors (117), 107 times it was Undetermined what type of detector was present and 7,906 times the question was left unanswered/blank.

It is very important to check your detectors to make sure they are in good working condition. Smoke detectors were recorded 57 times as having missing or disconnected batteries and 29 times the batteries were dead.

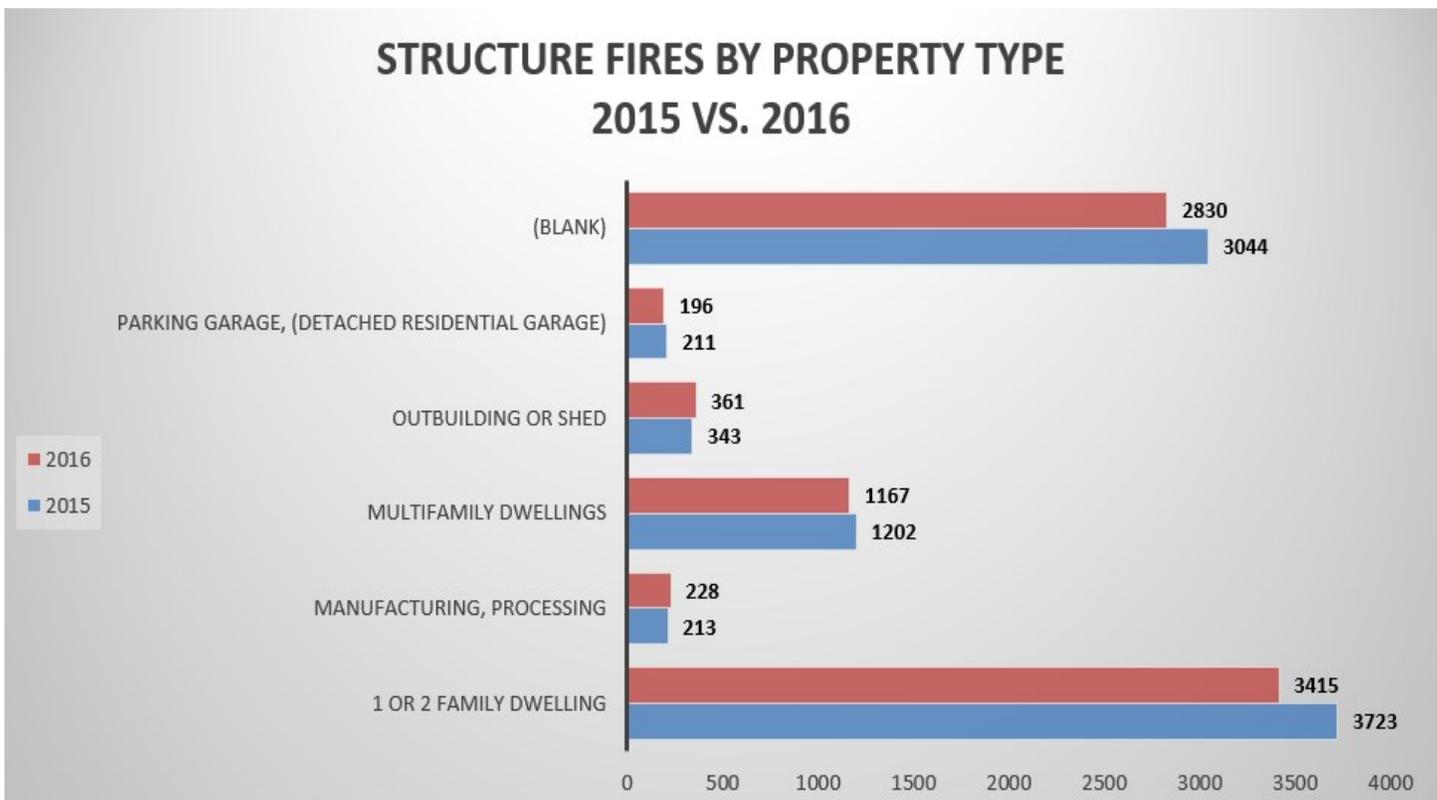


## STRUCTURE FIRES BY PROPERTY TYPE

Of the 9,797 structure fires reported in Wisconsin for 2016, 7,266 were classified as a 111-Building fire. Of those 111-Building fires, only 11 were UUU-not classified by property use. That means that 7,255 can be examined, which is a major improvement from 2015, when we could only examine 4,847 building fires because 2,761 of them were UUU– not classified by property use.

The three most reported structure fires were 3,415 in 1-and 2-family dwellings, 2,830 were left blank and 1,167 occurred in Multifamily dwellings. After that they drop into the triple digits. There were 361 Outbuilding or shed fires, 228 Manufacturing/processing properties, Residential, other was next with 214. There were 196 Detached residential garage fires reported in 2016.

Some of the fewest structure fires reported happened in a Clinic/Dr. office, a Non-adult school, a Residential daycare, and a place of worship/funeral home.



## FIRES BY TIME OF DAY

When tracking fire incidents by time of day, patterns do emerge. For example, cooking fires happened more between 4:00-7:00PM than 5:00-7:00AM. Smoking related fires peak time was around 5:00PM, however, vegetation fires were more frequent from 11:00AM-6:00PM.

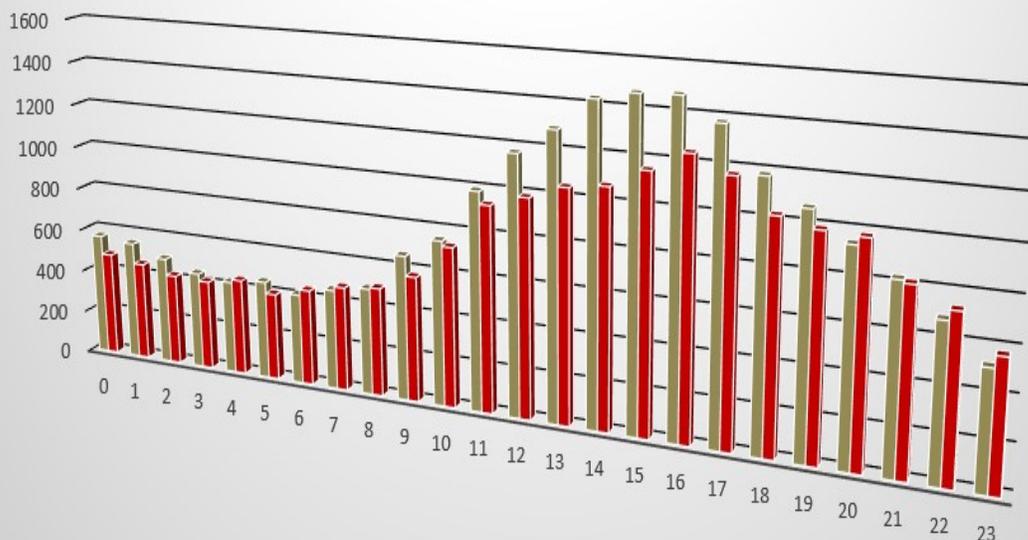
Vehicle fires were at their highest during the 3:00PM hour and at their lowest during the 5:00AM hour.

Structure fires remained fairly even over time, with a slight decrease between 2:00-7:00AM.

Chimney fires also reflected a fairly even pattern with decrease between 1:00-5:00AM and jump in increase around 6:00AM. The most chimney fires happened during the 5:00PM hour.

Overall, the fewest reported fires happened between 12:00-8:00AM.

Fires by Time of Day  
2015 VS. 2016

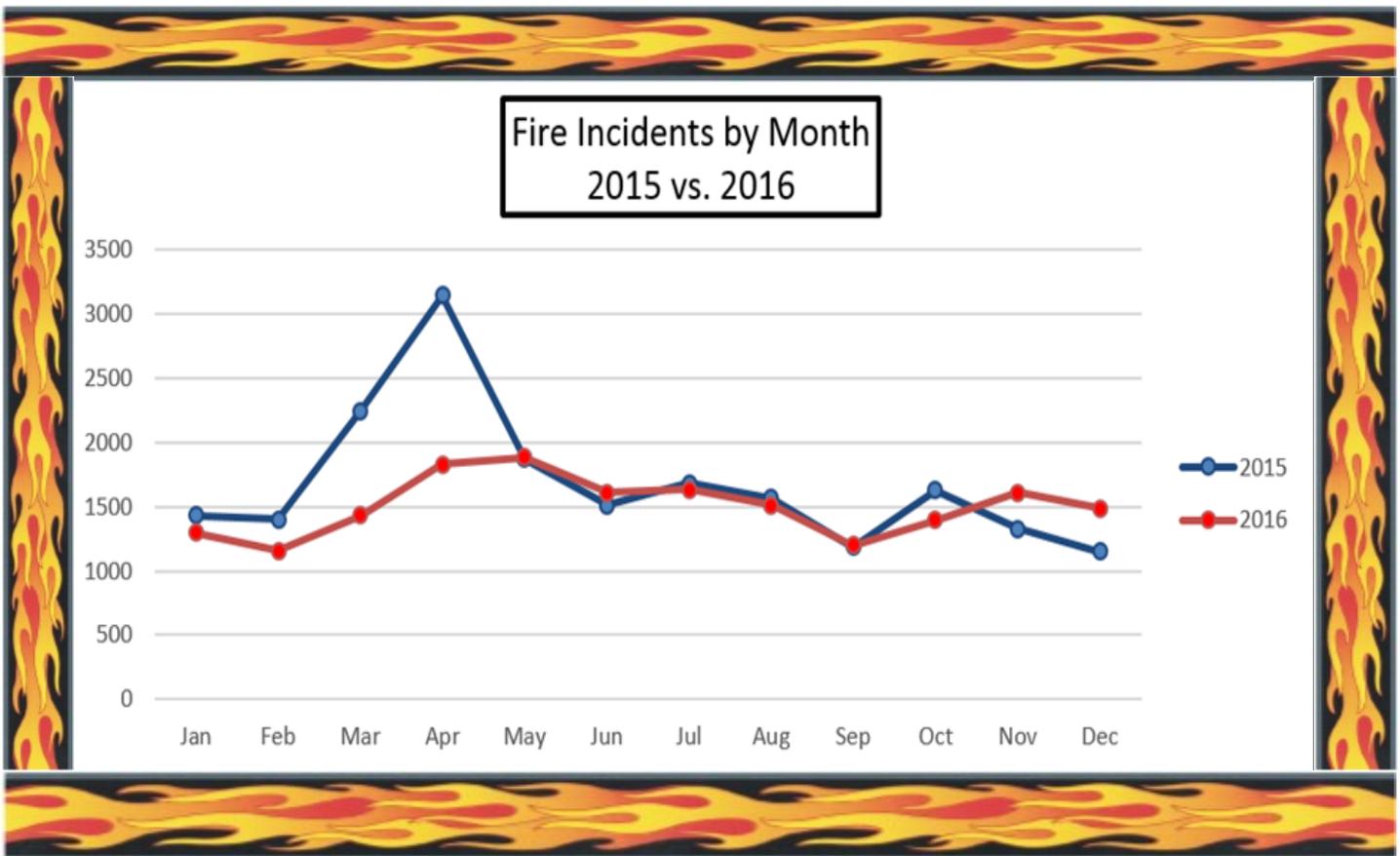


	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
■ 2015	566	550	497	448	429	453	415	460	489	662	751	990	1171	1288	1431	1468	1475	1377	1182	1069	944	826	687	522
■ 2016	481	455	421	415	444	401	442	479	498	573	728	934	986	1048	1071	1155	1243	1170	1026	988	979	814	731	574

# INCIDENTS BY MONTH

There were a total of 308,107 incidents for 2016. The busiest months were July (28,759) and December (27,510). The fewest calls came in February (22,249) and April (23,445).

The month of July had 18,319 EMS calls, 3,077 False calls, 1,976 Good Intent calls, 1,701 Hazardous Condition calls, 1,636 Fire calls, 1,606 Service calls, 218 Weather calls, 152 Special Incident calls and 74 Explosion calls reported. December reported 18,126 EMS calls, 2,896 False Calls, 1,857 Good Intent calls, 1,551 Service calls, 1,485 Fire calls, 1,446 Hazardous Condition calls, 74 Special Incident calls, 70 Explosion calls and 5 Weather calls. The most structure fires were reported in December (1,058), with September having the fewest at 665. Passenger vehicle fires were highest in June (202). Overall, May had the most fires of all types (1,884) and December the fewest fires (1,160). In contrast, February had the fewest EMS calls (15,187) and July had the most (18,319).

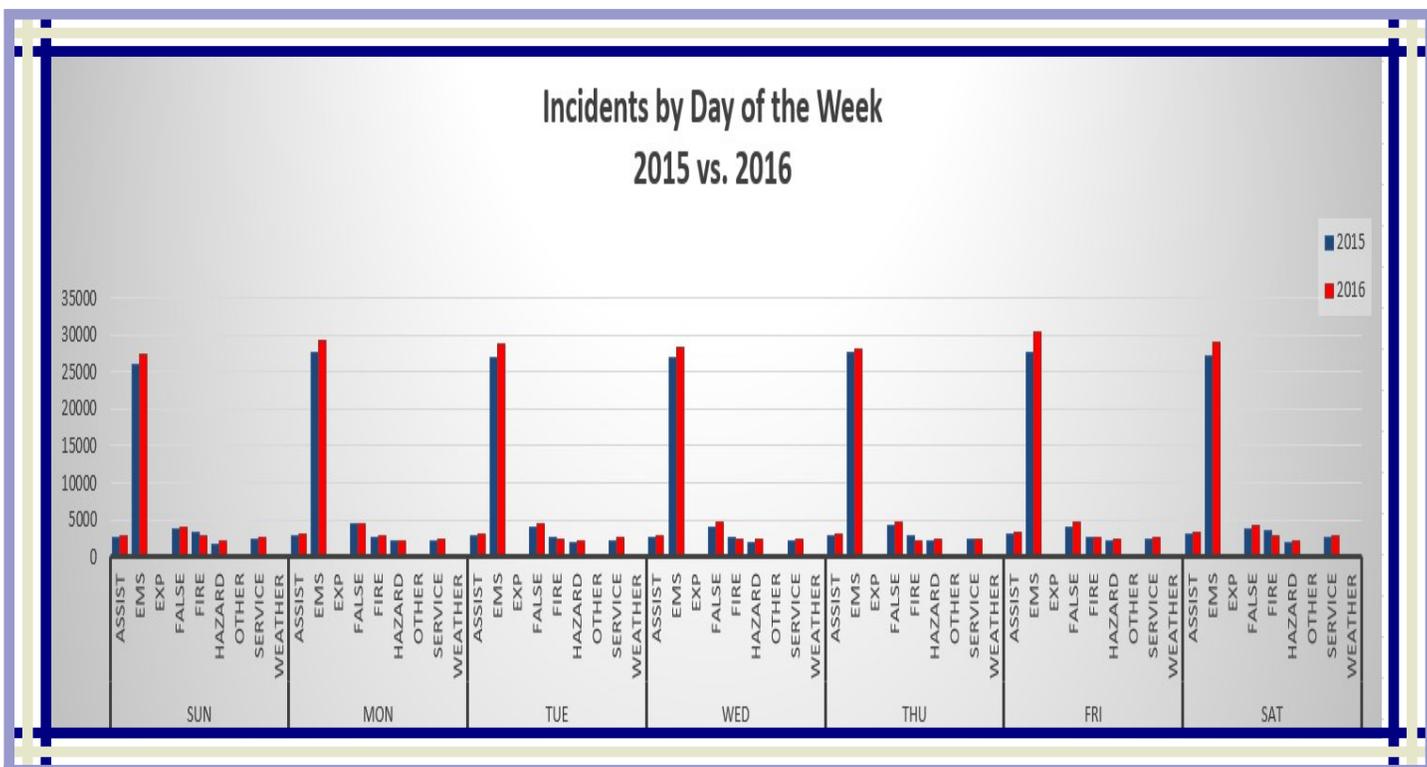


Wisconsin Department of Safety  
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# INCIDENTS BY DAY OF THE WEEK

When 2016 reported incident data was examined by the days of week, it indicated a fairly even pattern of total calls. Fridays (46,436) had the most incident calls whereas Sundays (41,982) had the least amount. Most fires happened on Mondays (2,798) and the least on Thursdays (2,660).

Vehicle accident, with injuries were highest on Fridays (2,176) and Saturday (1,882). Finally, police requests for fire department assistance were greatest on Saturdays(198) with Thursday being second greatest (192).



## DISTRICT 1 RICK SOMMERFELD FIRE PREVENTION COORDINATOR

In northwestern Wisconsin, 161 fire departments reported a total of 25,276 incidents. The largest number of calls was for Rescue/EMS calls (17,053) followed by False calls (2,113). In District 1, the two most frequent types of fire calls were Structure fires (964) and Vegetation, Outside Rubbish, Special and Crop fires (683). Total dollar loss for District 1 was \$36,945,203.00 which is a decrease from 2015 (\$39,060,602.00) and the total dollar loss from fires was \$35,930,558.00 also a decrease from 2015

(\$38,320,853.00). Fire related injuries and deaths reported for District 1 were 12 civilian injuries, 6 civilian deaths, 7 firefighter injuries and zero firefighter deaths for 2016.



# Wisconsin Department of Safety and Professional Services

## DISTRICT 1 2016 STATS

### Summary By Incident Type

Report Period: From 01/01/2016 to 12/31/2016

All Selected Fire Departments

District 1

#### Calls By Incident Type

FIRES	Frequency	Percent Of Total Calls	Mutual Aid None	Mutual Aid Given	Mutual Aid Received	Other Aid Given	Invalid Aid Flag	Exposures	Total Incidents
Structure Fires (110-118, 120-123) .....	610	2.56 %	407	345	197	6	0	9	964
Vehicle Fires (130-138) .....	329	1.38 %	285	45	37	7	0	1	375
Other Fires (100, 140-173) .....	578	2.42 %	501	103	71	6	0	2	683
<b>Total Fires .....</b>	<b>1,517</b>	<b>6.36 %</b>	<b>1,193</b>	<b>493</b>	<b>305</b>	<b>19</b>	<b>0</b>	<b>12</b>	<b>2,022</b>
Pressure Ruptures, Explosion, Overheat (200-251)	46	0.19 %	42	6	4	0	0	0	52
<b>RESCUE CALLS</b>									
Emergency Medical Treatment (300-323)	16,240	68.07 %	15,832	364	184	222	2	0	16,604
All Others (331-381) .....	371	1.56 %	324	78	43	4	0	0	449
<b>Total Rescue Calls .....</b>	<b>16,611</b>	<b>69.62 %</b>	<b>16,156</b>	<b>442</b>	<b>227</b>	<b>226</b>	<b>2</b>	<b>0</b>	<b>17,053</b>
Hazardous Condition Calls (400-482) .....	1,182	4.95 %	1,122	67	55	5	0	0	1,249
Service Calls (500-571) .....	985	4.13 %	962	76	9	14	0	0	1,061
Good Intent Calls (600-671) .....	1,300	5.45 %	1,221	258	75	4	0	0	1,558
Severe Weather or Natural Disaster Calls (800-815)	71	0.30 %	64	18	6	1	0	0	89
Special Incident Calls (900-911) .....	77	0.32 %	73	2	2	2	0	0	79
Unknown Incident Type (UUU) .....	0	0.00 %	0	0	0	0	0	0	0
<b>FALSE CALLS</b>									
Malicious Calls (710-715, 751)	103	0.43 %	102	3	1	0	0	0	106
Other False Calls (700, 721-746)	1,966	8.24 %	1,906	41	51	9	0	0	2,007
<b>Total False Calls .....</b>	<b>2,069</b>	<b>8.67 %</b>	<b>2,008</b>	<b>44</b>	<b>52</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>2,113</b>
<b>TOTAL CALLS .....</b>	<b>23,858</b>	<b>100.00 %</b>	<b>22,841</b>	<b>1,406</b>	<b>735</b>	<b>280</b>	<b>2</b>	<b>12</b>	<b>25,276</b>

Total Incidents With Exposure Fires ..... 11      Total Fire Dollar Loss ..... \$ 35,930,558.00

Total Exposure Fires ..... 12      Total Dollar Loss ..... \$ 36,945,203.00

#### Casualty Summary

	Civilian	Fire Service
Fire Related Injuries	12	7
Non-Fire Injuries	25	8
Fire Related Deaths	6	0
Non-Fire Deaths	13	0

## DISTRICT 2 MIKE FEHRENBACH FIRE PREVENTION COORDINATOR

In southwestern Wisconsin, 177 fire departments reported a total of 64,185 incidents. The largest number of calls was for Rescue/EMS calls (42,145) followed by False calls (6,360). In District 2, the two most frequent types of fire calls were Structure fires (1,610) and Vegetation, Outside Rubbish, Special and Crop fires (1,058). Total dollar loss for District 2 was \$37,714,185.00 which is a decrease from 2015 (\$46,817,860.00) and the total dollar loss from fires was \$35,455,920.00 also a decrease from 2015 (\$45,974,820.00). Fire related injuries and deaths reported for District 2 were 28 civilian injuries, 14 civilian deaths, 31 firefighter injuries and zero fire fighter deaths for 2016.



# Wisconsin Department of Safety and Professional Services

## DISTRICT 2 2016 STATS

### Summary By Incident Type

Report Period: From 01/01/2016 to 12/31/2016

All Selected Fire Departments

District 2

#### Calls By Incident Type

FIRES	Frequency	Percent Of Total Calls	Mutual Aid None	Mutual Aid Given	Mutual Aid Received	Other Aid Given	Invalid Aid Flag	Exposures	Total Incidents
Structure Fires (110-118, 120-123) .....	972	1.56 %	698	629	273	1	0	9	1,610
Vehicle Fires (130-138) .....	504	0.81 %	473	27	29	2	0	5	536
Other Fires (100, 140-173) .....	933	1.50 %	858	119	70	5	0	6	1,058
<b>Total Fires</b> .....	<b>2,409</b>	<b>3.86 %</b>	<b>2,029</b>	<b>775</b>	<b>372</b>	<b>8</b>	<b>0</b>	<b>20</b>	<b>3,204</b>
Pressure Ruptures, Explosion, Overheat (200-251)	112	0.18 %	100	4	11	1	0	0	116
<b>RESCUE CALLS</b>									
Emergency Medical Treatment (300-323)	40,717	65.26 %	39,918	358	593	206	0	0	41,075
All Others (331-381) .....	990	1.59 %	926	80	50	14	0	0	1,070
<b>Total Rescue Calls</b> .....	<b>41,707</b>	<b>66.85 %</b>	<b>40,844</b>	<b>438</b>	<b>643</b>	<b>220</b>	<b>0</b>	<b>0</b>	<b>42,145</b>
Hazardous Condition Calls (400-482) .....	2,776	4.45 %	2,711	41	56	6	3	0	2,817
Service Calls (500-571) .....	3,734	5.98 %	3,676	90	24	33	1	0	3,824
Good Intent Calls (600-671) .....	4,804	7.70 %	4,719	377	64	21	0	0	5,181
Severe Weather or Natural Disaster Calls (800-815)	247	0.40 %	243	15	3	1	0	0	262
Special Incident Calls (900-911) .....	265	0.42 %	257	11	2	6	0	0	276
Unknown Incident Type (UUU) .....	0	0.00 %	0	0	0	0	0	0	0
<b>FALSE CALLS</b>									
Malicious Calls (710-715, 751)	344	0.55 %	340	1	4	0	0	0	345
Other False Calls (700, 721-746)	5,993	9.61 %	5,944	22	24	25	0	0	6,015
<b>Total False Calls</b> .....	<b>6,337</b>	<b>10.16 %</b>	<b>6,284</b>	<b>23</b>	<b>28</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>6,360</b>
<b>TOTAL CALLS</b> .....	<b>62,391</b>	<b>100.00 %</b>	<b>60,863</b>	<b>1,774</b>	<b>1,203</b>	<b>321</b>	<b>4</b>	<b>20</b>	<b>64,185</b>

Total Incidents With Exposure Fires .....	14	Total Fire Dollar Loss .....	\$ 35,455,920.00
Total Exposure Fires .....	20	Total Dollar Loss .....	\$ 37,714,185.00

Casualty Summary	Civilian	Fire Service
Fire Related Injuries	28	31
Non-Fire Injuries	33	129
Fire Related Deaths	14	0
Non-Fire Deaths	7	0

## DISTRICT 3 CARL FRISQUE FIRE PREVENTION COORDINATOR

In northeastern Wisconsin, 241 fire departments reported a total of 55,536 incidents. The largest number of calls was for Rescue/EMS calls (34,029) followed by False Calls (5,308). In District 3, the two most frequent types of fire calls were structure fires (2,356) and Vegetation, Outside Rubbish, Special and Crop fires (1,025). Total dollar loss for District 3 was \$44,065,265.00 which is a decrease from 2015 (\$45,032,519.00) and the total dollar loss from fires was \$43,362,190.00 a slight decrease from 2015 (\$43,736,724.00). Fire related injuries and deaths reported for District 3 were 54 civilian injuries, 9 civilian deaths, 28 firefighter injuries, and zero firefighter deaths for 2016.



Wisconsin Department of Safety  
and Professional Services

# DISTRICT 3 2016 STATS

## Summary By Incident Type

Report Period: From 01/01/2016 to 12/31/2016

All Selected Fire Departments

District 3

### Calls By Incident Type

FIRES	Frequency	Percent Of Total Calls	Mutual Aid None	Mutual Aid Given	Mutual Aid Received	Other Aid Given	Invalid Aid Flag	Exposures	Total Incidents
Structure Fires (110-118, 120-123) .....	1,209	2.30 %	763	1,118	430	15	1	29	2,356
Vehicle Fires (130-138) .....	555	1.05 %	521	40	34	0	0	4	599
Other Fires (100, 140-173) .....	896	1.70 %	785	127	103	8	0	2	1,025
<b>Total Fires</b> .....	<b>2,660</b>	<b>5.06 %</b>	<b>2,069</b>	<b>1,285</b>	<b>567</b>	<b>23</b>	<b>1</b>	<b>35</b>	<b>3,980</b>
Pressure Ruptures, Explosion, Overheat (200-251)	157	0.30 %	138	11	19	0	0	0	168
<b>RESCUE CALLS</b>									
Emergency Medical Treatment (300-323)	32,810	62.36 %	32,124	518	569	109	8	0	33,328
All Others (331-381) .....	586	1.11 %	516	115	64	6	0	0	701
<b>Total Rescue Calls</b> .....	<b>33,396</b>	<b>63.47 %</b>	<b>32,640</b>	<b>633</b>	<b>633</b>	<b>115</b>	<b>8</b>	<b>0</b>	<b>34,029</b>
Hazardous Condition Calls (400-482) .....	3,791	7.20 %	3,656	130	119	12	4	0	3,921
Service Calls (500-571) .....	3,108	5.91 %	3,059	132	27	21	1	0	3,240
Good Intent Calls (600-671) .....	3,600	6.84 %	3,500	586	87	11	2	0	4,186
Severe Weather or Natural Disaster Calls (800-815)	125	0.24 %	120	13	4	0	1	0	138
Special Incident Calls (900-911) .....	553	1.05 %	545	12	2	6	0	0	565
Unknown Incident Type (UUU) .....	1	0.00 %	1	0	0	0	0	0	1
<b>FALSE CALLS</b>									
Malicious Calls (710-715, 751)	214	0.41 %	211	1	1	2	0	0	215
Other False Calls (700, 721-746)	5,012	9.53 %	4,913	81	81	14	4	0	5,093
<b>Total False Calls</b> .....	<b>5,226</b>	<b>9.93 %</b>	<b>5,124</b>	<b>82</b>	<b>82</b>	<b>16</b>	<b>4</b>	<b>0</b>	<b>5,308</b>
<b>TOTAL CALLS</b> .....	<b>52,617</b>	<b>100.00 %</b>	<b>50,852</b>	<b>2,884</b>	<b>1,540</b>	<b>204</b>	<b>21</b>	<b>35</b>	<b>55,536</b>

Total Incidents With Exposure Fires ..... 24      Total Fire Dollar Loss ..... \$ 43,362,190.00

Total Exposure Fires ..... 35      Total Dollar Loss ..... \$ 44,065,265.00

Casualty Summary	Civilian	Fire Service
Fire Related Injuries	54	28
Non-Fire Injuries	119	17
Fire Related Deaths	9	0
Non-Fire Deaths	18	1

## DISTRICT 4 Gary Peck FIRE PREVENTION COORDINATOR

(formerly Sue Birren, Retired)

In southeastern Wisconsin, 221 fire departments reported a total of 165,087 incidents. The largest number of calls were for Rescue/EMS (109,482) followed by False Calls(17,526) . In District 4, the two most frequent types of fire calls were structure fires (4,946) and Vegetation, Outside Rubbish, Special and Crop fires (2,383). Total dollar loss for District 4 was \$115,141,751.00 which is an increase from 2015 (\$112,032,545.00) and the total dollar loss from fires was \$113,244,209.00 also an increase from 2015 (\$107,961,838.00). Fire related injuries and deaths reported for District 4 were 62 civilian injuries, 12 civilian deaths, 45 firefighter injuries, and zero firefighter deaths for 2016.



Wisconsin Department of Safety  
and Professional Services

# DISTRICT 4 2016 STATS

## Summary By Incident Type

Report Period: From 01/01/2016 to 12/31/2016

All Selected Fire Departments

District 4

### Calls By Incident Type

FIRES	Frequency	Percent Of Total Calls	Mutual Aid None	Mutual Aid Given	Mutual Aid Received	Other Aid Given	Invalid Aid Flag	Exposures	Total Incidents
Structure Fires (110-118, 120-123) .....	2,661	1.72 %	2,055	2,227	581	23	2	58	4,946
Vehicle Fires (130-138) .....	1,496	0.97 %	1,412	104	80	4	0	29	1,629
Other Fires (100, 140-173) .....	2,058	1.33 %	1,918	319	134	5	1	6	2,383
<b>Total Fires</b> .....	<b>6,215</b>	<b>4.02 %</b>	<b>5,385</b>	<b>2,650</b>	<b>795</b>	<b>32</b>	<b>3</b>	<b>93</b>	<b>8,958</b>
Pressure Ruptures, Explosion, Overheat (200-251)	367	0.24 %	349	34	17	1	0	0	401
<b>RESCUE CALLS</b>									
Emergency Medical Treatment (300-323)	103,676	67.04 %	99,208	3,691	3,154	1,234	80	0	107,367
All Others (331-381) .....	1,872	1.21 %	1,774	243	94	4	0	0	2,115
<b>Total Rescue Calls</b> .....	<b>105,548</b>	<b>68.25 %</b>	<b>100,982</b>	<b>3,934</b>	<b>3,248</b>	<b>1,238</b>	<b>80</b>	<b>0</b>	<b>109,482</b>
Hazardous Condition Calls (400-482) .....	7,718	4.99 %	7,468	206	241	8	1	0	7,924
Service Calls (500-571) .....	9,041	5.85 %	8,891	857	108	42	0	0	9,898
Good Intent Calls (600-671) .....	7,968	5.15 %	7,671	2,380	204	93	0	0	10,348
Severe Weather or Natural Disaster Calls (800-815)	171	0.11 %	166	20	4	1	0	0	191
Special Incident Calls (900-911) .....	327	0.21 %	305	32	15	7	0	0	359
Unknown Incident Type (UUU) .....	0	0.00 %	0	0	0	0	0	0	0
<b>FALSE CALLS</b>									
Malicious Calls (710-715, 751)	1,053	0.68 %	1,050	7	3	0	0	0	1,060
Other False Calls (700, 721-746)	16,245	10.50 %	15,941	221	285	18	1	0	16,466
<b>Total False Calls</b> .....	<b>17,298</b>	<b>11.19 %</b>	<b>16,991</b>	<b>228</b>	<b>288</b>	<b>18</b>	<b>1</b>	<b>0</b>	<b>17,526</b>
<b>TOTAL CALLS</b> .....	<b>154,653</b>	<b>100.00 %</b>	<b>148,208</b>	<b>10,341</b>	<b>4,920</b>	<b>1,440</b>	<b>85</b>	<b>93</b>	<b>165,087</b>

Total Incidents With Exposure Fires .....	60	Total Fire Dollar Loss .....	\$ 113,244,209.00
Total Exposure Fires .....	93	Total Dollar Loss .....	\$ 115,141,751.00

Casualty Summary	Civilian	Fire Service
Fire Related Injuries	62	45
Non-Fire Injuries	61	68
Fire Related Deaths	12	0
Non-Fire Deaths	20	0

# FIRE PREVENTION MAP

Wisconsin Department of Safety and Professional Services  
 Division of Industry Services  
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 Laura Gutiérrez, Secretary



**Fire Prevention Coordinators**

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- 2 -Mike Fehrenbach
- 3-Carl Frisque – Lead Worker
- 4- Gary Peck

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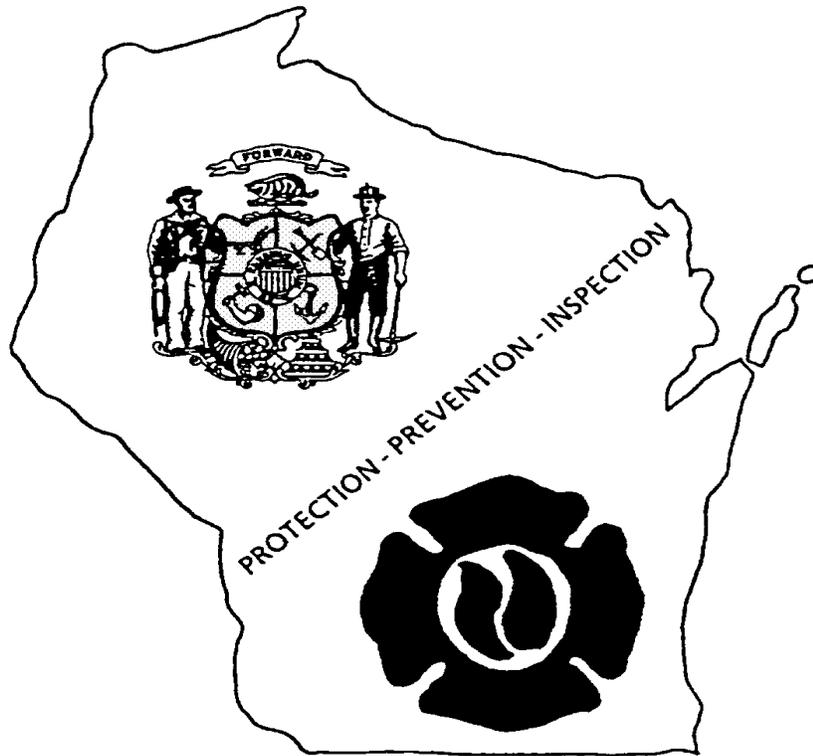
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