

**FIRE DEATHS IN MARYLAND**



**January - December  
2020**

**OFFICE OF THE MARYLAND STATE FIRE MARSHAL**  
**FIRE DEATHS IN MARYLAND**  
**January - December 2020**

**The fire deaths reported in Maryland during 2020 show a significant decline in comparison to the previous year.** The 51 deaths in 49 fires in 2020 represent an 21.5 percent death decrease over the 65 deaths in 58 fires reported in 2019, and a 28.2 percent decrease over the 71 deaths in 62 fires in 2018.

**ALLEGANY COUNTY** - During January through December 2020, Allegany County reported no fire deaths compared to one fire death reported in 2019, and one fire death reported in 2018 for the same period.

**ANNE ARUNDEL COUNTY** - Anne Arundel County reported in the twelve months of 2020, three fire deaths in three fires, a slight decrease compared to the five fire deaths reported in 2019, and a notable decrease compared to the six fire deaths reported in 2018.

- Firefighters engaged in a search and rescue operation at a residential fire after learning a person was trapped inside the burning structure. A deceased 78 year old female was found in the bedroom area of the home, and was extricated by the rescuers. Two firefighters sustained non-life threatening injuries during the rescue. Investigators ruled the fire cause as undetermined, with the smoke alarm status reported as present/function undetermined.
- A 67 year old female succumbed to sustained fire-related injuries after being rescued by firefighters from the kitchen area of her burning home. Investigators reported the fire cause as cooking-related, with the function of located smokes alarms deemed as undetermined.
- Firefighters responded to a single-family dwelling fire, executed a search and rescue attack and was able to successfully rescue a 76 year old female resident from the home. Unfortunately, the located victim was declared deceased on the scene by rescuers. The cause of the fire remains undetermined at this time, with the presence of smoke alarms ruled undetermined as well

**BALTIMORE CITY** - The ten deaths in ten fatal fires reported by Baltimore City for 2020 represent a 37.5 percent decrease in comparison to the 16 fire deaths reported in 2019, and a notable decrease compared to the 13 fire deaths reported in 2018 during the same period.

- Careless Smoking resulted in the demise of a 72 year old female who was found by firefighters in the kitchen of the home during rescue operations. Subsequent to the rescue, the victim was transported to a medical center where the victim succumbed to her injuries. Operating smoke alarms were found at the scene by investigators.
- An undetermined tractor-trailer truck fire resulted in the death of a 57 year old male who was found deceased by rescuers in the bathroom area of the truck cab compartment. Investigators reported that the victim died from fire-related injuries.
- A 67 year old male perished in a residential dwelling fire that started in the bedroom of the home. One firefighter was taken to a local medical center for treatment of non-life threatening injuries. Investigators reported that operating smoke alarms were found at the site.
- An 88 year old male victim was transported to a local medical center and later succumbed to burn injuries he sustained while cooking on a gas stove. The fire was small and contained to just the victim, thereby no smoke alarms were activated during the incident.
- A dump truck crashed into a jersey wall subsequently pinning the driver, a 54 year old male, under the dashboard of the vehicle. The crash immediately caused the vehicle to burst into flames resulting in the trapped victim's demise.
- An undetermined apartment fire that started in the bedroom of the residence resulted in the death of a 66 year old female who was found deceased by firefighters during rescue efforts. Working smoke alarms were found on the scene by investigators.

OFFICE OF THE MARYLAND STATE FIRE MARSHAL

FIRE DEATHS IN MARYLAND

January - December 2020

**BALTIMORE CITY (CONTINUED)**

- No working smoke alarms were found on the scene of a residential fire, subsequently resulting in the death of a 50 year old male who was found deceased in the bathroom area of the home by rescuers. Investigators reported the undetermined fire started in the bedroom of the home, and no smoke alarms were found on the scene.
- An electrical failure was deemed the cause of a dwelling fire that originated in the living space of the home, resulting in the loss of life of a 65 year old male. No smoke alarms were found on the scene by investigators.
- A female toddler who was almost two years of age succumbed to her fire-related injuries at a local medical center subsequent to being rescued by firefighters from an apartment fire, with reports of no smoke alarms found on the scene by investigators. The mother of the victim and the victim's brother recovered from injuries sustained from the fire.
- Arson/Homicide was the cause of death of a 40 year male burn victim who sustained fire-related injuries after a Molotov cocktail was deliberately thrown on him by an assailant.

**BALTIMORE COUNTY** - Baltimore County reported seven deaths in six fires during the twelve months of 2020, a significant decrease compared to the 14 fire deaths reported during that time in 2019, and the 12 fire deaths in 2018.

- A 71 year old male succumbed to his fire-related injuries at a local medical center after being rescued from the first floor level of his burning home by firefighters. The fire originated in the basement of the residence, with the fire cause and smoke alarm status reported as undetermined.
- A vehicle crashed into a guard rail and subsequently caught fire trapping a 52 year old female inside causing her demise. The cause of death was reported as smoke inhalation and thermal injuries.
- A cooking-related incident was the reported cause of a travel camper fire resulting in the death of a 56 year old male. The investigation revealed the victim was living part-time in the travel camper that was parked on a concrete pad next to his brother's residence. Reports revealed no smoke alarms were found inside the travel camper by investigators.
- Firefighters responded to a fully involved dwelling fire and initiated rescue operations. A 22 year old female was located by rescuers in the second floor bedroom of the residence, and was transported to a local medical center where she succumbed to her injuries. Three other residents of the home were able to escape from the blaze, with one firefighter sustaining minor injuries. Investigators revealed the fire originated in the living room area of the home and was caused by an electrical failure, with non-operating smoke alarms found on the scene.
- A 93 year old female and a 54 year old male were found deceased in their home by firefighters after battling a fully involved structure fire at the residence. A firefighter sustained non-life threatening injuries after falling through the first floor into the basement area during the attempted search and rescue operation. Investigators reported that the fire originated in the basement of the dwelling, with fire cause and smoke alarm status remaining undetermined.
- A smoking-related residential fire claimed the life of a 75 year old male after being located in the bedroom floor by firefighters, with subsequent rescue. The victim was transported to a local medical center where he succumbed to his fire-related injuries. Investigators revealed the fire started in the second floor area of the home, with smoke alarm status reported as undetermined.

**CALVERT COUNTY** - There was one fire death reported in Calvert County during 2020, two fire deaths reported in 2019, and one fire death reported during 2018.

OFFICE OF THE MARYLAND STATE FIRE MARSHAL

FIRE DEATHS IN MARYLAND

January - December 2020

**CALVERT COUNTY (CONTINUED)**

- Firefighters extinguished a single-family dwelling fire subsequently locating an 80 year old male inside in the living room space of the home. Electrical failure within the living room was the reported cause of the fire, with the non-presence of smoke alarms found at the scene.

**CAROLINE COUNTY** - Caroline County reported in 2020, two fire deaths compared to no fire deaths in 2019, and one fire death in 2018.

- An undetermined manufactured home fire claimed the life of a (tentatively identified) 94 year old male. The Office of the Medical Examiner is still waiting for DNA profile results before positive identification can be established. The fire resulted in a complete structure loss as investigators were unable to determine the presence status of smoke alarms.

- An act of arson/suicide resulted in the demise of a 20 year old male who intentionally set ablaze the interior of a vehicle he was sitting in at the time.

**CARROLL COUNTY** - During the twelve months in 2020, Carroll County reported no fire deaths, compared to two fire deaths in 2019, and three fire deaths in 2018.

**CECIL COUNTY** - Between the time span of January and December 2020, Cecil County reported one fire death, compared to one fire death in 2019, and one fire deaths in 2018.

- A 71 year old female and her pet dog perished in an undetermined residential fire that originated in the porch area of the home. Investigators reported no fire alarms were found at the scene.

**CHARLES COUNTY** - There were no fire deaths reported in Charles County during 2020, compared to two fire deaths in 2019, and three fire deaths in 2018 for the same time duration.

**DORCHESTER COUNTY** - January through December 2020, 2019 and 2018, Dorchester County reported no fire deaths.

**FREDERICK COUNTY** - During the calendar year 2020, Frederick County reported no fire deaths, compared to three fire deaths in 2019, and one fire death in 2018 for the same period.

**GARRETT COUNTY** - Garrett County reported no fire deaths in reporting year 2020, two fire deaths in 2019, and no fire deaths in 2018 during the same annual period.

**HARFORD COUNTY** - Between the reporting months, January through December 2020, Harford County reported two fire deaths, in comparison to the six deaths reported in 2019, and no deaths reported in 2018 for the same reporting period.

- A 52 year old male perished in a one-person vehicle crash-fire subsequent to running off the right side of the roadway, traveling down and embankment, rotating, striking a tree, overturning and then catching on fire. Investigators reported that fire-related injuries played a significant part in the cause of death.

- An undetermined dwelling fire resulted in the death of a 75 year old female who was found deceased by firefighters subsequent to extinguishing the fire. Investigators reported the smoke alarm status as undetermined.

OFFICE OF THE MARYLAND STATE FIRE MARSHAL

FIRE DEATHS IN MARYLAND

January - December 2020

**HOWARD COUNTY** - In the time period of January through December 2020, Howard County reported no fire deaths, compared to no fire deaths reported in 2019 and three fire death reported in 2018.

**KENT COUNTY** - There were no fire death reported in Kent County during the twelve months of 2020, one fire death reported in 2019, and no fire deaths in 2018 for the same annual reporting periods.

**MONTGOMERY COUNTY** - Seven fire deaths were reported in Montgomery County for the twelve months of 2020, compared to one fire death reported in 2019, and three fire deaths reported in 2018 for the same reporting period.

- A 34 year old female perished at a local medical center after sustaining fatal burn injuries subsequent to igniting a twirling baton with kerosene during practice activities. An adult male also sustained non-life threatening burn injuries while attempting to assist the victim and extinguish the fire which spread to the nearby shed.
- A vehicle crash and subsequent fire resulted in the death of a 25 year old female. Investigators reported that the victim was traveling on a roadway curve when the vehicle exited the left side of the road, struck a tree and suddenly burst into flames. Reports indicated that the victim's fire-related injuries significantly contributed to the victim's demise.
- An undetermined townhouse fire resulted in the death of a 48 year old female who was located by rescuers on the bedroom floor of the dwelling. Investigators revealed that the fire originated on the second floor of the structure, and no smoke alarms were found on the scene.
- A 25 year old male lost his life in a vehicle crash and subsequent fire. Investigators reported that the victim's traveling vehicle ran off the roadway on the right striking several objects, which included a mailbox, a street sign, and then snapped a telephone pole before going over an embankment, overturning several times and subsequently bursting into flames. Reports indicated that fire-related injuries sustained after the initial crash significantly contributed to the victim's death.
- An undetermined dwelling fire claimed the life of a 67 year old male who was found deceased in the hallway of the home by firefighters. Investigators revealed the fire originated on the second floor area of the structure, with no fire alarms found present at the scene.
- An undetermined apartment fire located within a resort-style retirement community resulted in the demise of a 89 year old female. After extinguishing the blaze, rescuers located the deceased victim lying on the bed in her bedroom. The fire origin was reported by investigators as undetermined, and the smoke alarm status was reported as present and activated.
- A 71 year old male succumbed to his injuries at a local medical center several weeks after being rescued by firefighters from a basement fire in his home. Investigation details reveal that firefighters responded to a fully involved townhouse fire where incident information indicated one victim was trapped inside the structure. Rescuers forcibly entered the basement area of the home and located the victim on the floor. The cause of the fire was determined by investigators as combustibles too close to a fire source, with operating smoke alarms found on the scene.

**PRINCE GEORGE'S COUNTY** - Eleven (11) fires claimed the lives of 12 people in Prince George's County during the twelve months of 2020, which revealed a significant increase compared to 2019 where there were four deaths in four fires, and a decrease for the same time period in 2018 with 14 deaths in 12 fires reported.

**OFFICE OF THE MARYLAND STATE FIRE MARSHAL**  
**FIRE DEATHS IN MARYLAND**  
**January - December 2020**

**PRINCE GEORGE'S COUNTY (CONTINUED)**

- A fire that originated in the basement of a single-family dwelling resulted in the death of a 57 year old female and caused one other victim to be transported to a local medical center for treatment of fire-related injuries. A firefighter also sustained minor injuries while fighting the blaze, and six other residents were displaced. The fire cause remains undetermined, with smoke alarm status reported as present, but not operating.
- A 55 year old male perished when the vehicle he was driving veered off the roadway and struck a building, subsequently catching on fire. Investigators reported the victim died from fire-related injuries.
- An undetermined basement fire claimed the life of an 80 year old male who succumbed to his injuries after being transported to a local burn center for treatment of fire-related injuries. Additionally, a 55 year old victim was found deceased in the same fire by rescuers, however, the victim's cause of death was ruled a natural death by the medical examiner. Investigators were not able to determine the presence of smoke alarms.
- An outside fire under a parking garage resulted in the death of a 22 year old male who was found by firefighters subsequent to extinguishing the blaze. The fire cause remains undetermined, but was most likely related to some type of homeless activity by the victim.
- A cooking-related kitchen fire resulted in the demise of an 81 year old male who succumbed to his fire-related injuries at a local medical center. Investigators found operating smoke alarms at the scene of the fire.
- Firefighters arrived on the scene of a fully involved house fire with reports of a person trapped inside the structure. Rescuers forced entry into the burning structure locating the 55 year old victim beneath the bedroom window. The victim was subsequently transported to a local medical center where he was pronounced deceased several hours later. Investigators were unable to determine the smoke alarm status during the fire.
- A vehicle crash and subsequent fire claimed the lives of a 33 year old male and a 40 year female. The accident report reveals that prior to the crash the driver of the vehicle was traveling in excessive speeds and sideswiped two other vehicles, ran off the roadway striking a culvert, and then clipped a high voltage utility pole causing the vehicle to catch fire. Citizens on the scene unsuccessfully attempted to extinguish the fire before the arrival of rescuers. The cause of death determination by the medical examiner revealed that fire-related injuries played a significant role in the death of the two victims.
- Firefighters responded to the scene of a vehicle fire, and upon extinguishing the fire, the body of a 40 year old male was found in the driver's seat of the vehicle. The medical examiner ruled that the victim's sustained fire-related injuries were most significant in comparison to the other incurred injuries.
- A 54 year old male perished after the vehicle he was driving struck a pole and then a home, causing power lines to fall on top of the vehicle before catching fire. Investigators reported the victim died from fire-related causes.
- A smoking-related apartment fire claimed the life of a 54 year old female who was extricated by firefighters and pronounced deceased on the scene. The fire reportedly started in the bedroom area of the home, with reports of operating smoke alarms found by investigators on the scene.
- Firefighters responded to a two-story single-family dwelling fire with partial collapse, and engaged in exterior operations until the fire was under control. Subsequently, force entry was made by rescuers and the deceased body of a 78 year old male was found in the living room area of the home. The cause of the fire was reported as smoking-related, with operating smoke alarms found at the scene by investigators.

**QUEEN ANNE'S COUNTY** - During the twelve months of 2020, Queen Anne's County reported no fire deaths, compared to no fire deaths in 2019, and no fire deaths in 2018 during the same period.

**OFFICE OF THE MARYLAND STATE FIRE MARSHAL**  
**FIRE DEATHS IN MARYLAND**  
**January - December 2020**

**ST. MARY'S COUNTY** - St. Mary's County reported one fire death in 2020, no fire deaths in 2019, and three fire deaths in 2018 for the same reporting period.

- An electrical failure in the kitchen area of a single-family dwelling caused a subsequent fire resulting in the death of a 82 year old female. A second victim was able to escape the blaze. Smoke alarms were found at the scene, with functioning status ruled undetermined by investigators

**SOMERSET COUNTY** - One fire death was revealed by Somerset County in the reporting period January through December 2020, compared to no fire deaths in 2019, and one fire death revealed in 2018 for the same time frame.

- Fire-related injuries contributed to the death of a 72 year old female who was found deceased by rescuers in the living room area of her mobile home. The cause of the fire remains undetermined, with the operation status of located smoke alarms deemed undetermined as well.

**TALBOT COUNTY** - Talbot County reported one fire death during the reporting period January through December 2020, one fire death in 2019, and two fire deaths in 2018 for the same time period.

- A 69 year old male perished from burn injuries sustained while tending to an outdoor brush fire. The victim was burning brush at his residence when he poured an accelerant onto the smoldering fire causing the fire to flash , thereby spreading the fire to the victim's clothing resulting in his demise.

**WASHINGTON COUNTY** - Reporting periods January through December 2020, revealed three fire deaths in Washington County, an increase compared to the one fire death reported in 2019, and an equivalent to the three fire deaths reported in 2018 for the same period.

- A residential basement fire claimed the life of a 72 year old male who succumbed to his injuries at a local medical center following an electrical-related fire in his home, with operating smoke alarms found at the scene by investigators. Reports indicated the victim sustained his fire-related injuries after attempting to extinguish the fire.

- An 84 year old female caught her clothes on fire while attempting to light a cigarette with a match, subsequently sustaining fatal burn injuries . The victim was occupying an outside park at the time of the incident, and was immediately transported to a local medical center where she succumbed to her burn injuries.

- During extinguishment operations, a 37 year old male was found deceased by rescuers at his home near a basement door. Investigations believe the victim who re-entered the burning structure to find a family pet, self-extricated himself through the basement door where he ultimately collapsed. The cause of the fire remains undetermined and the exterior front porch was the reported point of origin , with operating smoke alarms found on the scene by investigators.

**WICOMICO COUNTY** - During the twelve months of 2020, Wicomico County reported no fire deaths, and one fire death in 2019, and no fire deaths were reported in 2018 for the same period.

**WORCESTER COUNTY** - The entire 2020 year revealed no fire deaths in Worcester County, along with two fire deaths reported in 2019, and no fire deaths in 2018 during the same time duration.

OFFICE OF THE MARYLAND STATE FIRE MARSHAL  
FIRE DEATHS IN MARYLAND  
January – December 2020

**THE YEAR IN REVIEW/OVERVIEW** - The twelve months of 2020 proved to be a noteworthy period in relation to fire deaths when compared to the previous year for the same time period. Forty-nine (49) fires resulted in 51 fire deaths compared to previous years as follows: 2019 - 65 fire deaths, 2018 - 71 fire deaths, 2017 - 71 fire deaths, 2016 - 68 fire deaths, 2015 - 64 fire deaths, and 2014 - 64 fire deaths reported. A summary recap by county of the fire deaths in 2020 can be found below. ***The comparison of fire death statistics by county utilizing population census data can be found on page 21 and 22 of this report.***

**Prince George's County** reported the most fire deaths of the 24 reporting jurisdictions in Maryland for this annual review period, incurring 12 deaths in 11 fires. In 2019, Prince George's County ranked fifth in reporting the most deaths of any county at four deaths in four fires, which was relatively lower in comparison to 2018, reported at 14 deaths in 12 fires. One double-fatal vehicle-crash/fire was reported in 2020, claiming the lives of two adults. Two unrelated-fatal fires within the county reported physical limitations presented by the victims. In 2020, conditions of hoarding were reported by rescuers at one of the fires. Working smoke alarms were confirmed at the scene in only two of the fatal fires.

**Baltimore City** ranked second, reporting ten deaths in ten fires for January through June 2020. Baltimore City reported 15 fires resulting in 16 deaths for the previous year of 2019, placing first overall for the State at that time. In 2020, investigators confirmed the existence of operating smoke alarms in only three fires out of the ten total fires reported. None of the ten fires resulted in a multiple-fatal fires, two of the fires involved reported conditions of hoarding, and two fire death victims presented with some type of physical limitation during the incidents.

**Montgomery County** placed third, reporting seven deaths in seven fires for 2020, and during 2019, Montgomery County reported one fire death for the entire year. Two of the county's unrelated fires reported the presence of working smoke alarms, three of the fire scenes involved hoarding conditions, and two of the fires reported physical limitations of the victims.

**Baltimore County** came in fourth after Montgomery County, reporting seven deaths in six fires. In comparison to the previous reporting year, Baltimore County reported 14 deaths in 13 fires during 2019. One fire of the six reported fires in 2020 occurred in a single-family dwelling resulting in a double-fatal, and the cause was deemed undetermined by investigators, with hoarding conditions found at the scene. None of the county's fatal fires reported working smoke alarms.

**Allegany County, Carroll County, Charles County, Dorchester County, Frederick County, Garrett County, Howard County, Kent County, Queen Anne's County, Wicomico County and Worcester County** reported ZERO fires deaths in 2020, totaling eleven counties reporting no fire deaths. In 2019, for the same period, six counties reported no fire deaths, which is a welcome increase for 2020 when comparing the two reporting years.

The remaining counties reported fire deaths as follows: **Anne Arundel County** - three fire deaths in three fires; **Calvert County** - one death in one fire; **Caroline** - two deaths in two fires; **Cecil County** - one death in one fire; **Harford County** - two deaths in two fires; **St. Mary's County** - one death in one fire; **Somerset County** - one death in one fire; **Talbot County** - one death in one fire; and **Washington County** - three deaths in three fires.



**OFFICE OF THE MARYLAND STATE FIRE MARSHAL**  
**FIRE DEATHS IN MARYLAND**  
**January - December 2020**

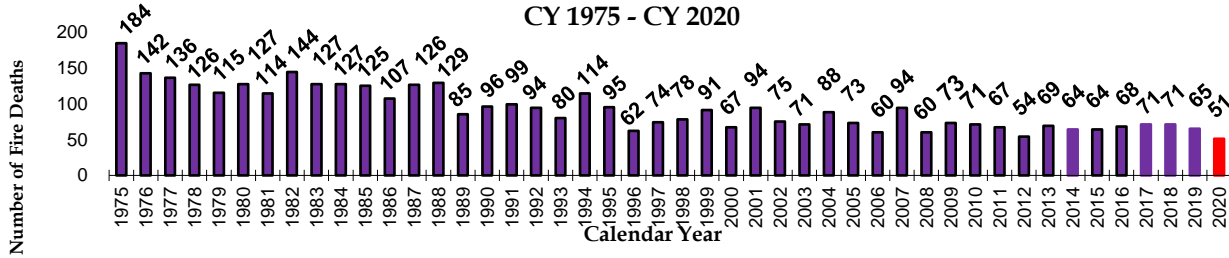
**THE YEAR IN REVIEW/OVERVIEW (CONTINUED)**

During the twelve month period of 2020, County jurisdictions reported a total of 11 deaths (22%) in 11 fires (22%) which involved victims who were physically disabled or physically limited. A summary of the physical disabilities and/or physical limitations were reported by fire investigators as follows: Ambulated with Walker/Cane - two victims ; Ambulation Challenges (other) - four victims; Chronic Health Issues - one victim; Cognitive Decline - one victim; Hearing Impaired - one victim; and Home Oxygen Use - two victims.

Following is a summary of the fire deaths reported to the Maryland State Fire Marshal during the twelve months of 2020. Also included are summary tables of fire deaths for reporting years 2016 through 2020. The number of fire deaths in Maryland, by county, for the five-year period 2016 through 2020 are listed on page 21.

## FIRE DEATHS IN MARYLAND

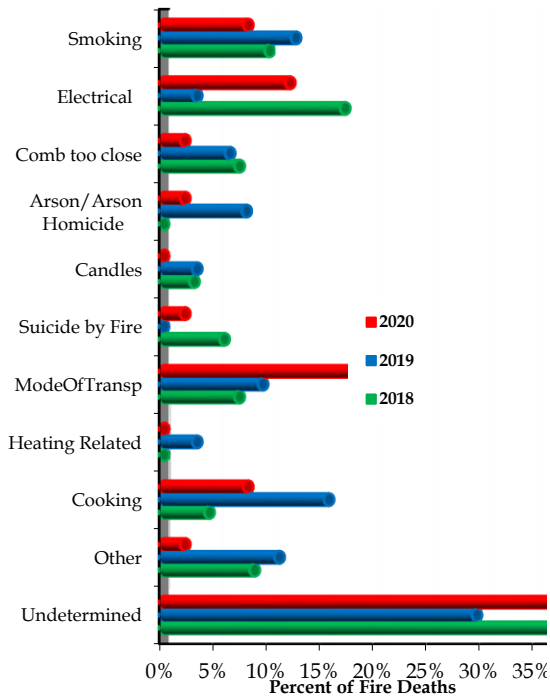
The fire deaths reported in Maryland during 2020 show a significant decline in comparison to the previous year. The 51 deaths in 49 fires in 2020 represent an 21.5 percent death decrease over the 65 deaths in 58 fires reported in 2019, and a 28.2 percent decrease over the 71 deaths in 62 fires in 2018.



In recent years, the number of fire fatalities reported to the State Fire Marshal's Office have continued to fluctuate to a small degree averaging almost 65 fire deaths per year from 2016 through 2020. Fire deaths in the State have remained below 100 each year for over the past 26 years (1995 to 2020), as illustrated in the above graph. During that time, there has been an approximate average of 72 fire deaths a year. Previously, from 1975 to 1994, fire fatalities in Maryland averaged 120 deaths a year.

**Mode of Transportation (Vehicle Crash)** fires claimed more lives than fires resulting from other known causes in 2020. Ten victims, ranging in age from 25 years to 55 years, died in nine vehicle-crash related fires. Those deaths accounted for 19.6 percent of the fire deaths in 2020, compared to 9.2 percent of all fire deaths in 2019, and 7.0 percent of all fire deaths in 2018.

### CAUSES OF FATAL FIRES



Fires attributed to **Electrical Failure** claimed six victims in six fires during reporting year 2020, ranging in age from 1 year to 82 years. Those deaths accounted for 11.8 percent of the fire deaths, compared to 3.1 percent of all fire deaths in 2019, and 16.9 percent of all fire deaths in 2018.

**Smoking-Related** deaths tied for third in the cause of fatal fires category, reported at four deaths in four fires for the year 2020. Victims ranged in age from 54 to 84 years. Those deaths accounted for 7.8 percent of the total deaths in 2020 compared to 12.3 percent in 2019, and 9.9 percent in 2018.

In 2020, **Cooking-Related** fires, rated third along with Smoking-Related fires, led to four deaths in four fires, with victims ranging in age from 56 years to 88 years. In comparison, those deaths accounted for 7.8 percent of the total deaths in 2020, 15.4 percent in 2019 and 4.0 percent in 2018.

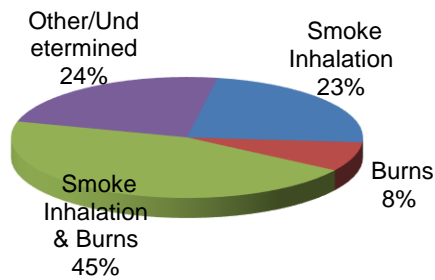
The causes of 22 fires in which 23 lives were lost remain **Undetermined**.

The remaining fire causes were reported as follows: **Arson-Homicide** - one death/one fire; **Arson-Suicide** - one death/one fire; **Combustibles Too Close** - one fire/one death; and **Flammable Liquid Vapors** - one death/one fire.

## FIRE DEATHS IN MARYLAND

### CAUSE OF DEATH OF FIRE VICTIMS

**2020**



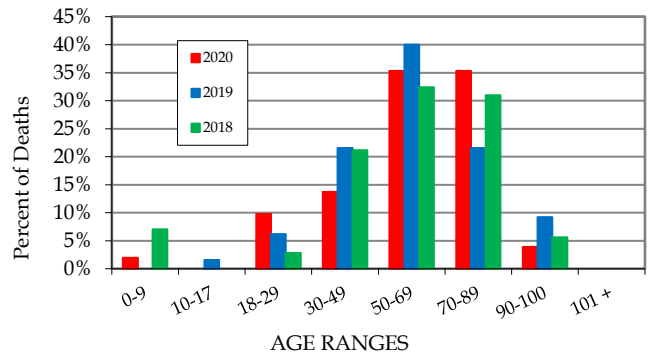
Smoke inhalation combined with thermal injuries was the cause of death reported most frequently for victims of fatal fires in 2020, claiming 23 lives.

Twelve victims of fatal fires died as the result of smoke inhalation, and four other fire victims succumbed as the result of burn injuries. Twelve victims perished from other fire-related causes of death related to, but not solely caused by smoke inhalation and/or thermal injuries.

### AGE OF FIRE DEATH VICTIMS

**One child died in one fire during 2020.**

Fire victims younger than 18 years accounted for almost 2.0 percent of all fire deaths for the year, a close comparison to the one victim who accounted for 1.5 percent of all fire deaths for 2019, and a decrease of the five victims in 2018 who accounted for almost 7 percent of the fire deaths that year.



An apartment fire that originated in the living room of the home, resulted in the death of a female toddler. The mother of the victim and a young brother survived fire-related injuries sustained from the incident. The investigation revealed that an electrical failure was the cause of the fire, with the presence of working smoke alarms not found at the scene by investigators.

**There were 12 victims in the 18 to 49 years age range in 2020 , a notable decrease when compared to the 18 victims in that age range in 2019, and five more than the 17 victims in that age range reported in 2018.** Victims in that age range accounted for nearly 24 percent of the total deaths in 2020, compared to the over 27 percent in 2019, and over 24 percent of the deaths in 2018.

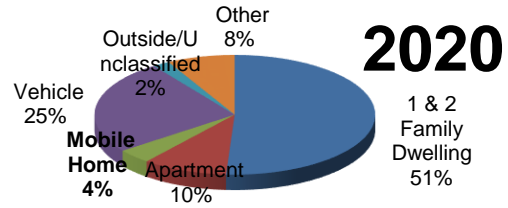
**The number of fire death victims in the 50 to 69 years age range slightly decreased in 2020, compared to 2019 and 2018.** Eighteen victims in that age range accounted for over one-third (35 percent) of the fire deaths in 2020, while 23 victims in that age range accounted for 40 percent of the deaths in 2019, and 23 victims in that age range accounted for 32 percent of the deaths in 2018.

**The 20 fire death victims 70 and older represent an equal value of the number of deaths compared to the 20 such victims in 2019, and a slight decrease compared to the 26 deaths reported in 2018.** Those victims 70 years and older accounted for over 39 percent of the fire deaths in 2020, compared to over 30 percent of the fire deaths during 2019, and over 37 percent of the fire deaths in 2018. Additionally, in 2020 there were no fire deaths reported in persons over the age of 89.

## FIRE DEATHS IN MARYLAND

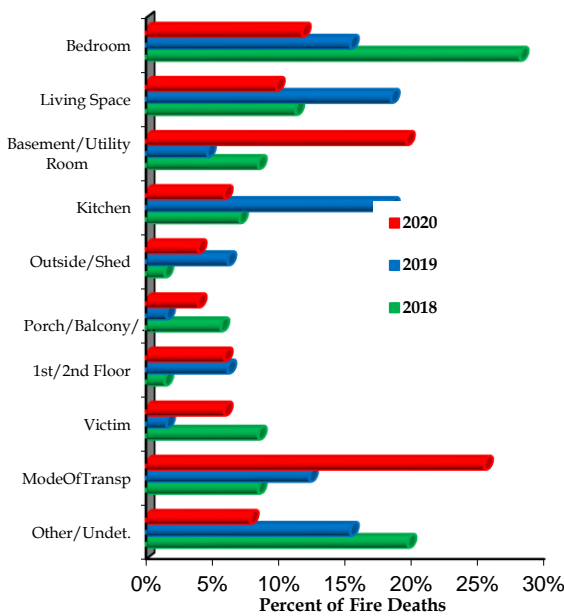
### LOCATION OF FATAL FIRES

In 2020, as in other years, most fire deaths occurred in residential structures, including 26 deaths in *One and Two Family Dwellings*, five victims of *Apartment* fires, two victims of *Mobile Home* fires,



Residential fires accounted for almost 65 percent of the fire deaths in 2020, compared to 80 percent of the fire deaths in 2019, and 84 percent in 2018. Twelve mode of transportation-related fires resulted in thirteen deaths, with nine of the fires caused by vehicle-related crashes. Victim contained fires/burn injuries claimed the lives of four individuals in four fires. Outdoor homeless activity near a parking garage resulted in one fire with the demise of one victim.

### AREA OF FIRE ORIGIN



Twelve *Mode of Transportation/Vehicle* fires claimed the lives of thirteen victims. Nine of the vehicle fires were the direct result of vehicle crashes, claiming ten lives, and three of the fires were non-crash related, resulting in the loss of three victims. Seven *Mode of Transportation* fires claimed the lives of eight victims in 2019 by comparison.

Nine fires claimed the lives of ten victims in 2020 where the fire origin was reported as the *Basement* area of the structure, compared to three deaths in three fires in 2019. One of the total nine fires involved multiple-deaths claiming the lives of two victims. The causes of the basement fires were reported as follows: *Undetermined* - seven fires/eight deaths; *Electrical Failure* - one fire/one death; and *Combustibles Too Close* - one fire/one death.

Fires originating in the *Bedroom* placed third in 2020, each claiming six victims in six fires. The causes of bedroom fires were reported as follows: *Smoking-Related* - two fires/two deaths; and *Undetermined* - four fires/four deaths. In comparison, ten fires originating in the bedroom claimed ten lives during 2019.

Fires starting in the *Living Space* was the fourth highest area of origin reported in 2020, with five lives lost in five fires. The living space fire causes can be summarized as follows: *Electrical Failure* - four fires/four deaths; *Undetermined* - one fire/one death. During reporting year 2019, 12 victims lost their lives in nine fires.

### SMOKE ALARM PERFORMANCE

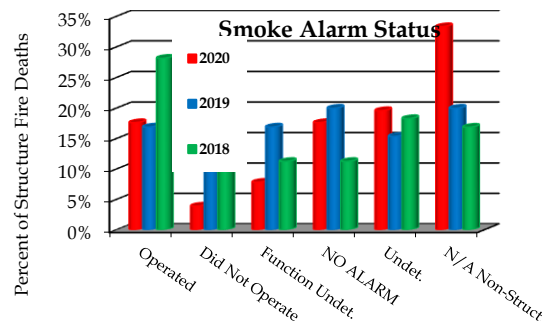
Nine fatal residential structure fires occurred where the smoke alarms were known to function properly, but the fires still claimed the lives of nine individuals (18 percent of total dwelling deaths in 2020).

There were no smoke alarms present in nine fatal residential structure fires that killed nine Maryland residents (18 percent of total dwelling deaths) in 2020, including a victim living in a camper..

Residential dwelling fires that reported the presence of non-functioning smoke alarms accounted for 4 percent of the total dwelling deaths (two deaths in two fires).

Another four people died (8 percent) in four structure fires where the smoke alarms were present, but the operational status was undetermined. Nine fires resulted in 10 deaths (20 percent) where the presence of smoke alarms was unknown.

The remaining fires in the Area of Origin category can be summarized as follows: *Undetermined* - four fires/four deaths; *Second Floor* - three fires/three deaths; *Outside/Yard/Shed* - two fires/two deaths; *Kitchen* - *three fires/three deaths*; *Porch/Balcony/Deck* - two fires/two deaths; and *Victim* - three fires/three deaths.



Office of the Maryland State Fire Marshal

TIME OF FATAL FIRES

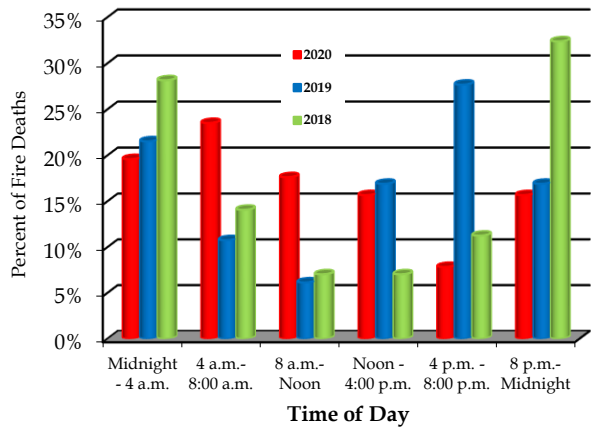
FIRE DEATHS IN MARYLAND

Consistent with most previous years, more fire deaths occurred in the early morning hours than at other time of the day, with the hours between 12 midnight- 6 a.m., proving to be the most deadly eight-hour period in 2020. The 16 fatal fires that started during those eight hours resulted in 16 deaths accounting for over 31 percent of the 51 fire deaths for the year. No multiple-death fires occurred during those hours in 2020.

The hours between 6 a.m. and 12 noon, rated at 27 percent of the total 51 deaths or 14 deaths in 12 fires. Two unrelated double-death fires were reported during that time period..

The hours between 6 p.m. and 12 midnight for (over 21 percent of fire deaths) ranked third with 11 deaths in 11 fires.

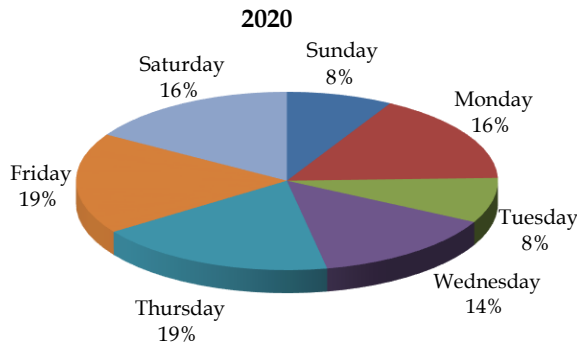
The hours between 12 noon and 6 p.m. ranked fourth overall reporting 10 deaths (21 percent) in 10 fires.



In previous years, fatal fires have been more likely to occur over the weekend which was NOT the case for 2020. A total of 29 deaths (57 percent) in 28 fires (57 percent) occurred on Monday-Thursday in the reporting year 2020. Additionally, one of the double-fatal fires in 2020 occurred during the weekday.

Significantly less than a half of the fatal fires occurred during the weekend, which resulted in approximately 43 percent of the 51 fire deaths for the year. Twenty-two people died from 21 fires that started on those days.

DAY OF WEEK OF FATAL FIRES

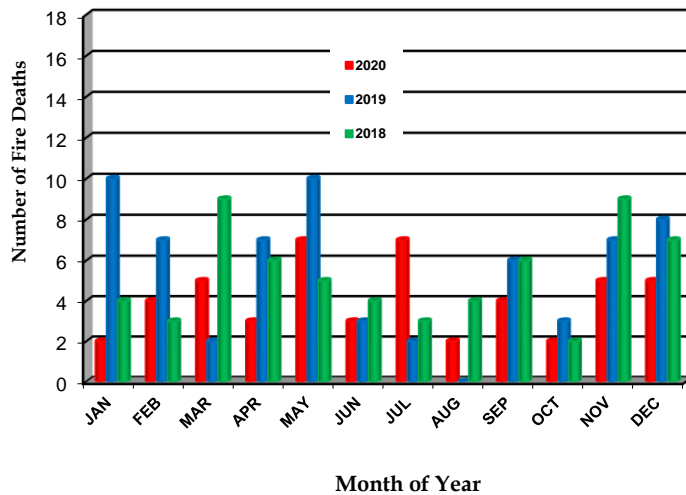


MONTH OF YEAR

The fall and winter months have often been the busiest months for fatal fires, and this proved NOT true for 2020. Approximately 47 percent of the fire deaths resulted from fires that occurred in January through March and October through December, when 23 fires claimed 24 lives.

April through September recorded 27 deaths in 26 fires which is equal to approximately 53 percent of the total deaths for the year.

As illustrated in the adjacent graph, May and July were the deadliest months, with seven deaths in seven fires reported in May and eight deaths in seven fires reported in July.

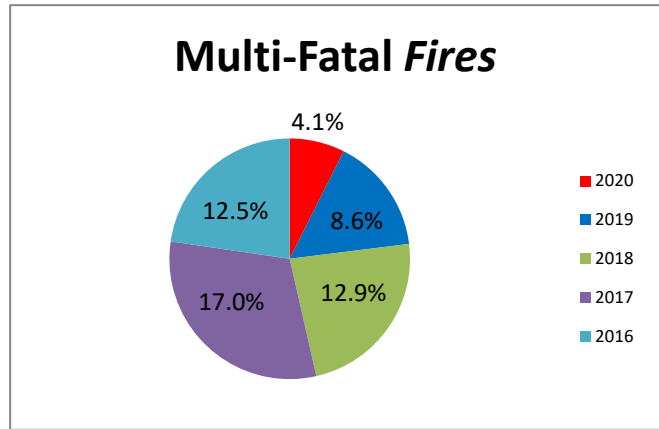


**FIRE DEATHS IN MARYLAND**

**MULTIPLE-FATAL FIRES**

A multiple-fatal fire is an incident whereby a fire claims the life of more than one individual. In comparison to previous years, 2020 showed a decrease in the total number of multi-fatal fires which was two fires or 4.1 percent of the 49 total fires for the year. During 2019, the percentage of multi-fatal fires was at 8.6 percent of the 58 total fires for that year, and at 12.9 percent of the 62 total fires for the year 2018.

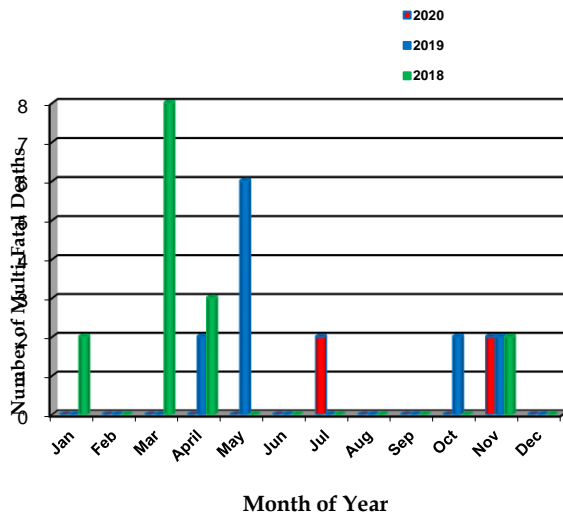
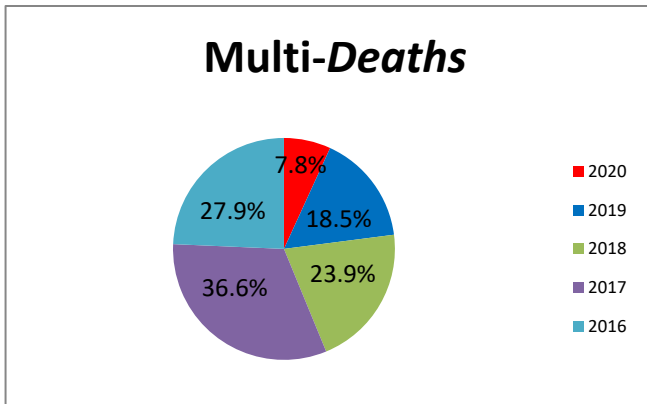
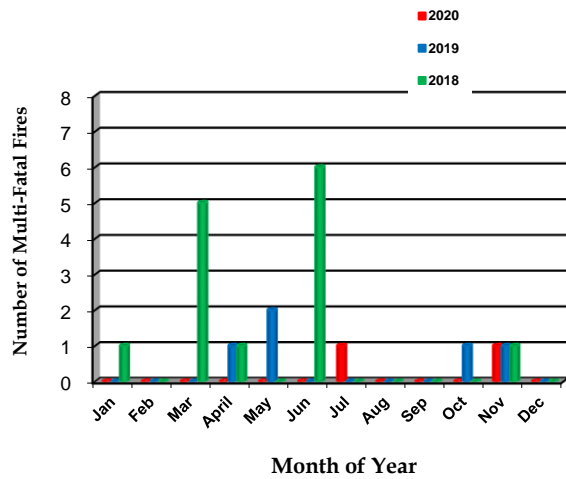
The months of July and November 2020 resulted in two unrelated double-fatal fires, (one vehicle-crash fire and one residential fire). There were no multi-fatal fires reported in the months of January, February, March, April, May, June, August, September, October and December.



**MULTIPLE DEATHS IN FATAL FIRES**

In 2020, similar to multi-fires, the number of multi-deaths in fatal fires decreased in comparison to the prior year to four deaths in two fires or 7.8% of the 51 total deaths reported for the year. Multi-deaths in fatal fires in 2019 was recorded at 12 deaths or 18.5 percent of the 65 total deaths, and 2018 was recorded at 17 deaths or 23.9 percent of the 71 total deaths.

Multi-fatal fires claimed the lives of victims in 2020 as follows: July, two victims/one fire; November, two victims/one fire.

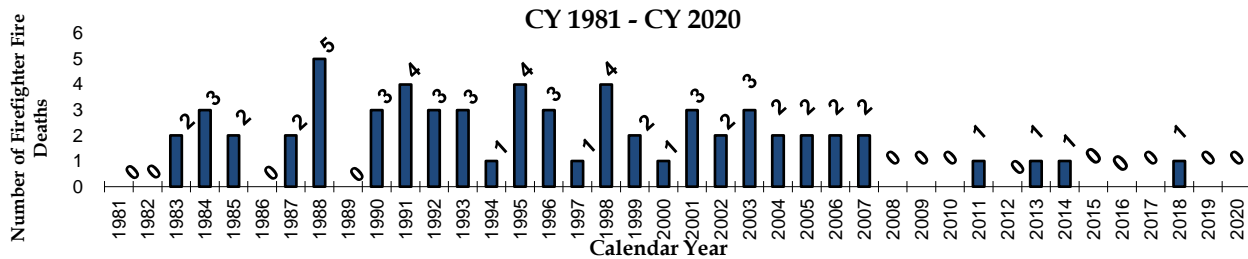




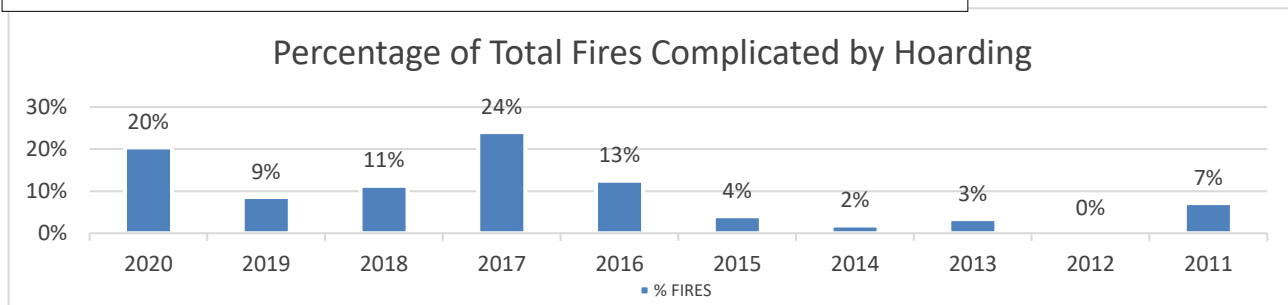
## FIRE DEATHS IN MARYLAND

## FIREFIGHTER FIRE DEATHS

The total number of Maryland firefighters who lost their lives in the line of duty due to **fire** was reported at zero deaths in 2020, no deaths in 2019, one death during 2018, zero deaths in 2017, 2016 and 2015, and one death reported in 2014 and 2013.



## FIRE FATALITY INCIDENTS WITH REPORTED CONDITIONS OF HOARDING



Hoarding conditions present hazards which can result in catastrophic fire related events that jeopardize the safety of all concerned including, but not limited to, occupant(s) **and** emergency responders. The Office of the State Fire Marshal, under the direction of Fire Marshal Brian Geraci, continues to educate the public regarding the dangers of hoarding. Ten deaths resulted from nine fires with reported hoarding conditions which is calculated at 20 percent of the total fire deaths reported for the entire year, representing an increase in comparison to the two previous years as illustrated in the above chart. The following is a report summarization of fire related deaths that were complicated by conditions of hoarding in the reporting year of 2020.

**Anne Arundel County** - A 67 year old female perished in a cooking-related dwelling fire with reports of no smoke alarms found on the scene..

**Baltimore City** - An undetermined residential fire claimed the life of a 67 year old male who was found deceased by firefighters in the interior during fire fighting activities. Operating 9-volt battery smoke alarms were found at the scene. After firefighters extinguished a row home fire, a deceased 50 year old male was found in the second floor bathroom of the home, with reports of no working smoke alarms found.

**Baltimore County** - A double-fatal fire claimed the lives of a 93 year old female and a 54 year old male. The fire remains undetermined with reports from investigators indicating no smoke alarms were found.

**Harford County** - A 75 year female perished in an undetermined residential fire, with no smoke alarms found present at the scene.

**Montgomery County** - A 48 year old female succumbed to her injuries subsequent to being extricated by firefighters from a blaze in her home, with reports of no smoke alarms found by investigators. The cause of the fire remains undetermined. Investigators reported no smoke alarms were found at the scene of a dwelling fire where a deceased 67 year old male was located by firefighters in the second floor bedroom of the home. An undetermined apartment complex fire claimed the life of an 89 year old female who was found deceased in her apartment by firefighters, with confirmation of operating smoke alarms found in the apartment.

**Prince George's County** - A residential fire originating in the basement area claimed the life of a 78 year old male who was found deceased in the living room of the home, with the status of smoke alarm presence reported as undetermined. Three firefighters were injured during the fire control operations and were subsequently transported to local medical centers for treatment.

Office of the Maryland State Fire Marshal  
**FIRE DEATHS IN MARYLAND**  
 CY 2020

COUNTY	FIRE CAUSE													FIRE DEATHS		FATAL FIRES	
	Smoking	Electrical	Heating related	Unattended Candle/ Incense	Cooking	Arson/Homicide Arson	Suicide	Open Flame	Flamm. Liq/Vapors	Combust. too close	Mode of Transp	Child Play	UnInvest /Undet/ Other	Total Deaths	Percent of Total	Total Fires	Percent of Total
Allegany	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0	0.0%
Anne Arundel	0	0	0	0	1	0	0	0	0	0	0	0	2	3	5.9%	3	6.1%
Baltimore City	1	2	0	0	1	1	0	0	0	0	1	0	4	10	19.6%	10	20.4%
Baltimore County	1	1	0	0	1	0	0	0	0	0	1	0	3	7	13.7%	6	12.2%
Calvert	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2.0%	1	2.0%
Caroline	0	0	0	0	0	0	1	0	0	0	0	0	1	2	3.9%	2	4.1%
Carroll	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0	0.0%
Cecil	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2.0%	1	2.0%
Charles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0	0.0%
Dorchester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0	0.0%
Frederick	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0	0.0%
Garrett	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0	0.0%
Harford	0	0	0	0	0	0	0	0	0	0	1	0	1	2	3.9%	2	4.1%
Howard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0	0.0%
Kent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0	0.0%
Montgomery	0	0	0	0	0	0	0	0	0	1	2	0	4	7	13.7%	7	14.3%
Prince George's	1	0	0	0	1	0	0	0	0	0	5	0	5	12	23.5%	11	22.4%
Queen Anne's	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0	0.0%
St. Mary's	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2.0%	1	2.0%
Somerset	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2.0%	1	2.0%
Talbot	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2.0%	1	2.0%
Washington	1	1	0	0	0	0	0	0	0	0	0	0	1	3	5.9%	3	6.1%
Wicomico	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0	0.0%
Worcester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0	0.0%
<b>TOTAL FIRE DEATHS</b>	<b>4</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>10</b>	<b>0</b>	<b>23</b>	<b>51</b>	<b>100%</b>	<b>49</b>	<b>100%</b>
Column % of Fire Deaths	8%	12%	0%	0%	8%	2%	2%	0%	2%	2%	20%	0%	45%		100%		
<b>TOTAL FATAL FIRES</b>	<b>4</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>22</b>		<b>49</b>		
Column % of Fatal Fires	8%	12%	0%	0%	8%	2%	2%	0%	2%	2%	18%	0%	45%		100%		

\*Fire Cause Categories include probable and possible determinations



Office of the Maryland State Fire Marshal  
**FIRE DEATHS IN MARYLAND**  
 CY 2020

COUNTY	FIRE CAUSE													FATAL FIRES		FIRE DEATHS	
	Smoking	Electrical	Heating related	Unattended Candle/Incense	Cooking	Arson/Homicide	Suicide	Open Flame	Flamm. Liq/Vapors/	Combust too close	Mode Transp	Child Play	UnInvest/Undet/Other	Total Fires	Percent of Total	Total Deaths	Percent of Total
Allegany	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0	0.0%
Anne Arundel	0	0	0	0	1	0	0	0	0	0	0	0	2	3	6.1%	3	5.9%
Baltimore City	1	2	0	0	1	1	0	0	0	0	1	0	4	10	20.4%	10	19.6%
Baltimore County	1	1	0	0	1	0	0	0	0	0	1	0	2	6	12.2%	7	13.7%
Calvert	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2.0%	1	2.0%
Caroline	0	0	0	0	0	0	1	0	0	0	0	0	1	2	4.1%	2	3.9%
Carroll	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0	0.0%
Cecil	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2.0%	1	2.0%
Charles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0	0.0%
Dorchester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0	0.0%
Frederick	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0	0.0%
Garrett	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0	0.0%
Harford	0	0	0	0	0	0	0	0	0	0	1	0	1	2	4.1%	2	3.9%
Howard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0	0.0%
Kent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0	0.0%
Montgomery	0	0	0	0	0	0	0	0	0	1	2	0	4	7	14.3%	7	13.7%
Prince George's	1	0	0	0	1	0	0	0	0	0	4	0	5	11	22.4%	12	23.5%
Queen Anne's	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0	0.0%
St. Mary's	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2.0%	1	2.0%
Somerset	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2.0%	1	2.0%
Talbot	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2.0%	1	2.0%
Washington	1	1	0	0	0	0	0	0	0	0	0	0	1	3	6.1%	3	5.9%
Wicomico	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0	0.0%
Worcester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	0	0.0%
<b>TOTAL FATAL FIRES</b>	<b>4</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>22</b>	<b>49</b>	<b>100%</b>	<b>51</b>	<b>100%</b>
<b>Column % of Total</b>	<b>8%</b>	<b>12%</b>	<b>0%</b>	<b>0%</b>	<b>8%</b>	<b>2%</b>	<b>2%</b>	<b>0%</b>	<b>2%</b>	<b>2%</b>	<b>18%</b>	<b>0%</b>	<b>45%</b>		<b>100%</b>		

\*Fire Cause Categories include probable and possible determinations

Office of the Maryland State Fire Marshal

FIRE DEATHS IN MARYLAND

	CY 2016		CY 2017		CY 2018		CY 2019		CY 2020	
FIRE CAUSE	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total
Smoking Related/Probable	4	5.9%	13	18.3%	7	9.9%	8	12.3%	4	7.8%
Electrical Failure	8	11.8%	14	19.7%	12	16.9%	2	3.1%	6	11.8%
Combustibles too Close	3	4.4%	2	2.8%	5	7.0%	4	6.2%	1	2.0%
Mode of Transportation	8	11.8%	3	4.2%	5	7.0%	6	9.2%	10	19.6%
Cooking Related	3	4.4%	8	11.3%	3	4.2%	10	15.4%	4	7.8%
Heating Related	0	0.0%	0	0.0%	0	0.0%	2	3.1%	0	0.0%
Arson/Arson Homicide	2	2.9%	7	9.9%	0	0.0%	5	7.7%	1	2.0%
Open Flame	2	2.9%	1	1.4%	0	0.0%	0	0.0%	0	0.0%
Flammable Liquid/Vapors	1	1.5%	1	1.4%	2	2.8%	3	4.6%	1	2.0%
Candles/Incense	0	0.0%	2	2.8%	2	2.8%	2	3.1%	0	0.0%
Suicide Arson Category Sub-Divided	Category Sub-Divided		Category Sub-Divided		Category Sub-Divided		Category Sub-Divided		Category Sub-Divided	
Suicide/Incendiary	5	7.4%	0	0.0%	1	1.4%	0	0.0%	1	2.0%
Suicide/Self-Immoliz.	2	2.9%	1	1.4%	3	4.2%	0	0.0%	0	0.0%
Suicide/Homicide/Arson	0	0.0%	1	1.4%	0	0.0%	0	0.0%	0	0.0%
Child Playing	2	2.9%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Other	0	0.0%	0	0.0%	4	5.6%	4	6.2%	0	0.0%
Under Invest/Undetermined	28	41.2%	18	25.4%	27	38.0%	19	29.2%	23	45.1%
<b>TOTAL DEATHS</b>	<b>68</b>	<b>100.0%</b>	<b>71</b>	<b>100.0%</b>	<b>71</b>	<b>100.0%</b>	<b>65</b>	<b>100.0%</b>	<b>51</b>	<b>100.0%</b>
*Heating Includes:										
Kerosene/Propane Heater	1		3		0		0		0	
Space/Bsbrd Heater	0		0		0		0		0	
Furnace	0		1		0		0		0	
Gas Fireplace	0		1		0		0		0	
Faulty Chimney/Flue	0		0		0		0		0	

DEATH CAUSE	CY 2015		CY 2016		CY 2017		CY 2018		CY 2020	
Smoke Inhalation & Burns	28	43.8%	31	45.6%	28	39.4%	35	49.3%	23	45.1%
Smoke Inhalation	22	34.4%	19	27.9%	34	47.9%	18	25.4%	12	23.5%
Burns	7	10.9%	11	16.2%	3	4.2%	6	8.5%	4	7.8%
Other	7	10.9%	7	10.3%	6	8.5%	12	16.9%	12	23.5%

SEX OF VICTIM	CY 2016		CY 2017		CY 2018		CY 2019		CY 2020	
Male	41	60.3%	40	56.3%	44	62.0%	36	55.4%	30	58.8%
Female	27	39.7%	31	43.7%	27	38.0%	29	44.6%	21	41.2%

AGE OF VICTIM	CY 2016		CY 2017		CY 2018		CY 2019		CY 2020	
0 -9	10	14.7%	9	12.7%	5	7.0%	0	0.0%	1	2.0%
10 - 17	2	2.9%	3	4.2%	0	0.0%	1	1.5%	0	0.0%
18 - 29	6	8.8%	5	7.0%	2	2.8%	4	6.2%	5	9.8%
30 - 49	10	14.7%	10	14.1%	15	21.1%	14	21.5%	7	13.7%
50 - 69	29	42.6%	25	35.2%	23	32.4%	26	40.0%	18	35.3%
70 - 89	8	11.8%	15	21.1%	22	31.0%	14	21.5%	18	35.3%
90 - 100	3	4.4%	3	4.2%	4	5.6%	6	9.2%	2	3.9%
>100	0	0.0%	1	1.4%	0	0.0%	0	0.0%	0	0.0%

\*Fire Cause Categories include probable and possible determinations

Office of the Maryland State Fire Marshal

FIRE DEATHS IN MARYLAND

RACE	CY 2016		CY 2017		CY 2018		CY 2019		CY 2020	
	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total
African American	27	39.7%	37	52.1%	35	49.3%	22	33.8%	24	47.1%
American Indian or Alaskan Native	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Asian	2	2.9%	1	1.4%	1	1.4%	0	0.0%	1	2.0%
Native Hawaiian or Pacific Islander	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Caucasian	39	57.4%	33	46.5%	35	49.3%	43	66.2%	26	51.0%
Other	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Not Reported/Unk	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
<b>TOTAL DEATHS</b>	<b>68</b>	<b>100.0%</b>	<b>71</b>	<b>100.0%</b>	<b>71</b>	<b>100.0%</b>	<b>65</b>	<b>100.0%</b>	<b>51</b>	<b>100.0%</b>

STRUCTURE YEAR	CY 2016		CY 2017		CY 2018		CY 2019		CY 2020	
	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total
0 - 5 YEARS	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6 - 10 YEARS	1	1.5%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
11 - 15 YEARS	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	2.0%
16 -20 YEARS	0	0.0%	0	0.0%	0	0.0%	2	3.1%	1	2.0%
21 - 25 YEARS	1	1.5%	0	0.0%	1	1.4%	3	4.6%	1	2.0%
26 - 30 YEARS	4	5.9%	1	1.4%	2	2.8%	1	1.5%	0	0.0%
31 - 35 YEARS	0	0.0%	1	1.4%	3	4.2%	2	3.1%	2	3.9%
36 - 40 YEARS	1	1.5%	5	7.0%	3	4.2%	1	1.5%	3	5.9%
41 -45 YEARS	2	2.9%	1	1.4%	1	1.4%	5	7.7%	3	5.9%
46 - 50 YEARS	3	4.4%	2	2.8%	9	12.7%	1	1.5%	2	3.9%
> 50 YEARS	36	52.9%	43	60.6%	30	42.3%	26	40.0%	20	39.2%
Non-Structure	15	22.1%	6	8.5%	12	16.9%	12	18.5%	18	35.3%
Not Reported/Unk	5	7.4%	12	16.9%	10	14.1%	12	18.5%	0	0.0%
<b>TOTAL DEATHS</b>	<b>68</b>	<b>100.0%</b>	<b>71</b>	<b>100.0%</b>	<b>71</b>	<b>100.0%</b>	<b>65</b>	<b>100.0%</b>	<b>51</b>	<b>100.0%</b>

## FIRE DEATHS IN MARYLAND

LOCATION OF FIRE	CY 2016		CY 2017		CY 2018		CY 2019		CY 2020	
	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total
Home	44	64.7%	52	73.2%	44	62.0%	38	58.5%	26	51.0%
Apartment	7	10.3%	6	8.5%	7	9.9%	6	9.2%	5	9.8%
Mobile Home/Trailer	1	1.5%	2	2.8%	0	0.0%	4	6.2%	2	3.9%
Outside/Tent/Shed	2	2.9%	2	2.8%	0	0.0%	1	1.5%	1	2.0%
Vehicle/Road	14	20.6%	5	7.0%	6	8.5%	8	12.3%	13	25.5%
Hotel/Nursing Home/Hosp.	0	0.0%	4	5.6%	7	9.9%	4	6.2%	0	0.0%
Commercial/Other/Victim	0	0.0%	0	0.0%	7	9.9%	4	6.2%	4	7.8%
<b>TOTAL DEATHS</b>	<b>68</b>	<b>100.0%</b>	<b>71</b>	<b>100.0%</b>	<b>71</b>	<b>100.0%</b>	<b>65</b>	<b>100.0%</b>	<b>51</b>	<b>100.0%</b>

AREA OF FIRE ORIGIN	CY 2016		CY 2017		CY 2018		CY 2019		CY 2020	
Bedroom	6	8.8%	3	4.2%	20	28.2%	10	15.4%	6	11.8%
Living Space	14	20.6%	7	9.9%	8	11.3%	12	18.5%	5	9.8%
Kitchen	6	8.8%	9	12.7%	5	7.0%	12	18.5%	3	5.9%
Outside/Yard	1	1.5%	5	7.0%	1	1.4%	3	4.6%	2	3.9%
Vehicle/Boat/Plane	12	17.6%	4	5.6%	6	8.5%	8	12.3%	13	25.5%
Basement/Utility Room	6	8.8%	6	8.5%	6	8.5%	3	4.6%	10	19.6%
1st Floor/2nd Floor/Use Undet	7	10.3%	24	33.8%	1	1.4%	4	6.2%	3	5.9%
Porch/Balcony/Deck/Garage	1	1.5%	3	4.2%	4	5.6%	1	1.5%	2	3.9%
Shed/Out-Building	0	0.0%	0	0.0%	0	0.0%	1	1.5%	0	0.0%
Victim	6	8.8%	4	5.6%	6	8.5%	1	1.5%	3	5.9%
Dining Room	0	0.0%	0	0.0%	5	7.0%	0	0.0%	0	0.0%
Laundry Room	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Bathroom	0	0.0%	1	1.4%	1	1.4%	0	0.0%	0	0.0%
Hallway/Entrance/Foyer/Stairway	1	1.5%	0	0.0%	2	2.8%	0	0.0%	0	0.0%
Other/Under Inv/Undet.	8	11.8%	5	7.0%	6	8.5%	10	15.4%	4	7.8%

SMOKE ALARM STATUS	CY 2016		CY 2017		CY 2018		CY 2019		CY 2020	
Present/Operated	12	17.6%	15	21.1%	20	28.2%	11	16.9%	9	17.6%
Present/Did Not Operate	6	8.8%	13	18.3%	10	14.1%	7	10.8%	2	3.9%
Present/Function Undetermined	7	10.3%	8	11.3%	8	11.3%	11	16.9%	4	7.8%
<b>NO ALARM PRESENT</b>	<b>3</b>	<b>4.4%</b>	<b>10</b>	<b>14.1%</b>	<b>8</b>	<b>11.3%</b>	<b>13</b>	<b>20.0%</b>	<b>9</b>	<b>17.6%</b>
Fire too Small/Non-Structure	16	23.5%	7	9.9%	12	16.9%	13	20.0%	17	33.3%
Undetermined	24	35.3%	18	25.4%	13	18.3%	10	15.4%	10	19.6%

Office of the Maryland State Fire Marshal

FIRE DEATHS IN MARYLAND

TIME OF ALARM	CY 2016		CY 2017		CY 2018		CY 2019		CY 2020	
	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total
0001 - 0159	11	16.2%	14	19.7%	10	14.1%	6	9.2%	6	11.8%
0200 - 0359	10	14.7%	14	19.7%	10	14.1%	8	12.3%	3	5.9%
0400 - 0559	4	5.9%	10	14.1%	7	9.9%	4	6.2%	7	13.7%
0600 - 0759	7	10.3%	2	2.8%	3	4.2%	3	4.6%	5	9.8%
0800 - 0959	1	1.5%	5	7.0%	4	5.6%	2	3.1%	2	3.9%
1000 - 1159	1	1.5%	1	1.4%	1	1.4%	2	3.1%	7	13.7%
1200 - 1359	4	5.9%	3	4.2%	2	2.8%	7	10.8%	5	9.8%
1400 - 1559	7	10.3%	7	9.9%	3	4.2%	4	6.2%	3	5.9%
1600 - 1759	4	5.9%	3	4.2%	0	0.0%	8	12.3%	2	3.9%
1800 - 1959	3	4.4%	3	4.2%	8	11.3%	10	15.4%	2	3.9%
2000 - 2159	8	11.8%	1	1.4%	7	9.9%	4	6.2%	2	3.9%
2200 - 2400	8	11.8%	8	11.3%	16	22.5%	7	10.8%	7	13.7%
<b>TOTAL DEATHS</b>	<b>68</b>	<b>100.0%</b>	<b>71</b>	<b>100.0%</b>	<b>71</b>	<b>100.0%</b>	<b>65</b>	<b>100.0%</b>	<b>51</b>	<b>100.0%</b>

DAY OF WEEK	CY 2016		CY 2017		CY 2018		CY 2019		CY 2020	
	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total
Sunday	9	13.2%	13	18.3%	9	12.7%	13	20.0%	4	7.8%
Monday	10	14.7%	7	9.9%	8	11.3%	12	18.5%	8	15.7%
Tuesday	7	10.3%	10	14.1%	9	12.7%	6	9.2%	4	7.8%
Wednesday	11	16.2%	9	12.7%	12	16.9%	11	16.9%	7	13.7%
Thursday	7	10.3%	14	19.7%	15	21.1%	14	21.5%	10	19.6%
Friday	8	11.8%	12	16.9%	7	9.9%	3	4.6%	10	19.6%
Saturday	16	23.5%	6	8.5%	11	15.5%	6	9.2%	8	15.7%

BY MONTH	CY 2016		CY 2017		CY 2018		CY 2019		CY 2020	
	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total	Number of Deaths	Percent of Total
January	12	17.6%	11	15.5%	5	7.0%	10	15.4%	2	3.9%
February	5	7.4%	4	5.6%	3	4.2%	7	10.8%	4	7.8%
March	2	2.9%	13	18.3%	14	19.7%	2	3.1%	5	9.8%
April	3	4.4%	5	7.0%	8	11.3%	7	10.8%	3	5.9%
May	1	1.5%	1	1.4%	5	7.0%	10	15.4%	7	13.7%
June	1	1.5%	4	5.6%	4	5.6%	3	4.6%	3	5.9%
July	2	2.9%	0	0.0%	3	4.2%	2	3.1%	8	15.7%
August	7	10.3%	7	9.9%	4	5.6%	0	0.0%	2	3.9%
September	3	4.4%	3	4.2%	6	8.5%	6	9.2%	4	7.8%
October	10	14.7%	5	7.0%	2	2.8%	3	4.6%	2	3.9%
November	9	13.2%	11	15.5%	10	14.1%	7	10.8%	6	11.8%
December	13	19.1%	7	9.9%	7	9.9%	8	12.3%	5	9.8%

Office of the State Fire Marshal

FIRE DEATHS IN MARYLAND

COUNTY	CY 2016	CY 2017	CY 2018	CY 2019	CY 2020	5-Year Average	Percent of State Total	5 YR FIRE DEATH RATE*	% of Total Deaths 2020*
Allegany	3	0	1	1	0	1.0	1.5%	1.4	0.0%
Anne Arundel	2	3	6	5	3	3.8	5.8%	0.7	5.9%
Baltimore City	16	30	13	16	10	17.0	26.1%	2.9	19.6%
Baltimore County	6	12	12	14	7	10.2	15.6%	1.2	13.7%
Calvert	0	0	1	2	1	0.8	1.2%	0.9	2.0%
Caroline	1	0	1	0	2	0.8	1.2%	2.4	3.9%
Carroll	2	2	3	2	0	1.8	2.8%	1.1	0.0%
Cecil	3	0	1	1	1	1.2	1.8%	1.2	2.0%
Charles	3	4	3	2	0	2.4	3.7%	1.5	0.0%
Dorchester	1	0	0	0	0	0.2	0.3%	0.6	0.0%
Frederick	2	0	1	3	0	1.2	1.8%	0.5	0.0%
Garrett	1	0	0	2	0	0.6	0.9%	2.1	0.0%
Harford	3	0	0	6	2	2.2	3.4%	0.9	3.9%
Howard	1	1	3	0	0	1.0	1.5%	0.3	0.0%
Kent	0	0	0	1	0	0.2	0.3%	1.0	0.0%
Montgomery	6	4	3	1	7	4.2	6.4%	0.4	13.7%
Prince George's	11	8	14	4	12	9.8	15.0%	1.1	23.5%
Queen Anne's	1	2	0	0	0	0.6	0.9%	1.2	0.0%
St. Mary's	0	1	3	0	1	1.0	1.5%	0.9	2.0%
Somerset	3	1	1	0	1	1.2	1.8%	4.7	2.0%
Talbot	0	0	2	1	1	0.8	1.2%	2.2	2.0%
Washington	1	3	3	1	3	2.2	3.4%	1.5	5.9%
Wicomico	2	0	0	1	0	0.6	0.9%	0.6	0.0%
Worcester	0	0	0	2	0	0.4	0.6%	0.8	0.0%
<b>TOTAL FIRE DEATHS</b>	<b>68</b>	<b>71</b>	<b>71</b>	<b>65</b>	<b>51</b>	<b>65.2</b>	<b>100.0%</b>	<b>1.1</b>	<b>100.0%</b>

FIRE DEATH RATE\*\* 1.12 1.17 1.17 1.08 0.84 1.08

\*DEATH RATE: Number of civilian fire deaths per 100,000 population

\*\*Rates are based on the 2019 estimated census estimates

Office of the State Fire Marshal

FIRE DEATHS IN MARYLAND

COUNTY	FATAL FIRES CY 2020	DEATHS CY 2020	FATAL FIRE RATE* 100,000	% of Total Fatal Fires 2020	DEATH RATE* 100,000	DEATH RATE* 1,000,000	% of Total Deaths 2020
Allegany	0	0	0.0	0.0%	0.0	0.0	0.0%
Anne Arundel	3	3	0.5	6.1%	0.5	5.2	5.9%
Baltimore City	10	10	1.7	20.4%	1.7	16.8	19.6%
Baltimore County	6	7	0.7	12.2%	0.8	8.5	13.7%
Calvert	1	1	1.1	2.0%	1.1	10.8	2.0%
Caroline	2	2	6.0	4.1%	6.0	59.9	3.9%
Carroll	0	0	0.0	0.0%	0.0	0.0	0.0%
Cecil	1	1	1.0	2.0%	1.0	9.8	2.0%
Charles	0	0	0.0	0.0%	0.0	0.0	0.0%
Dorchester	0	0	0.0	0.0%	0.0	0.0	0.0%
Frederick	0	0	0.0	0.0%	0.0	0.0	0.0%
Garrett	0	0	0.0	0.0%	0.0	0.0	0.0%
Harford	2	2	0.8	4.1%	0.8	7.8	3.9%
Howard	0	0	0.0	0.0%	0.0	0.0	0.0%
Kent	0	0	0.0	0.0%	0.0	0.0	0.0%
Montgomery	7	7	0.7	14.3%	0.7	6.7	13.7%
Prince George's	11	12	1.2	22.4%	1.3	13.2	23.5%
Queen Anne's	0	0	0.0	0.0%	0.0	0.0	0.0%
St. Mary's	1	1	0.9	2.0%	0.9	8.8	2.0%
Somerset	1	1	3.9	2.0%	3.9	39.0	2.0%
Talbot	1	1	2.7	2.0%	2.7	26.9	2.0%
Washington	3	3	2.0	6.1%	2.0	19.9	5.9%
Wicomico	0	0	0.0	0.0%	0.0	0.0	0.0%
Worcester	0	0	0.0	0.0%	0.0	0.0	0.0%
<b>TOTAL FIRE DEATHS</b>	<b>49</b>	<b>51</b>	<b>0.81</b>	<b>100.0%</b>	<b>0.8</b>	<b>8.4</b>	<b>100.0%</b>

**FIRE DEATHS IN MARYLAND**

	2020						2019						2018					
	Multi-Fatal Fires	Total Fires	% Multi-Fatal Fires	Multi-Fatal Dths	Total Deaths	% Multi-Fatal Deaths	Multi-Fatal Fires	Total Fires	% Multi-Fatal Fires	Multi-Fatal Dths	Total Deaths	% Multi-Fatal Deaths	Multi-Fatal Fires	Total Fires	% Multi-Fatal Fires	Multi-Fatal Dths	Total Deaths	% Multi-Fatal Deaths
Jan	0	2	0.0%	0	2	0.0%	0	10	0.0%	0	10	0.0%	1	4	25.0%	2	5	40.0%
Feb	0	4	0.0%	0	4	0.0%	0	7	0.0%	0	7	0.0%	0	3	0.0%	0	3	0.0%
Mar	0	5	0.0%	0	5	0.0%	0	2	0.0%	0	2	0.0%	5	9	55.6%	10	14	71.4%
April	0	3	0.0%	0	3	0.0%	1	6	16.7%	2	7	28.6%	1	6	16.7%	3	8	37.5%
May	0	7	0.0%	0	7	0.0%	2	6	33.3%	6	10	60.0%	0	5	0.0%	0	5	0.0%
Jun	0	3	0.0%	0	3	0.0%	0	3	0.0%	0	3	0.0%	0	4	0.0%	0	4	0.0%
Jul	1	7	14.3%	2	8	25.0%	0	2	0.0%	0	2	0.0%	0	3	0.0%	0	3	0.0%
Aug	0	2	0.0%	0	2	0.0%	0	0	0.0%	0	0	0.0%	0	4	0.0%	0	4	0.0%
Sep	0	4	0.0%	0	4	0.0%	0	6	0.0%	0	6	0.0%	0	6	0.0%	0	6	0.0%
Oct	0	2	0.0%	0	2	0.0%	1	2	50.0%	2	3	66.7%	0	2	0.0%	0	2	0.0%
Nov	1	5	20.0%	2	6	33.3%	1	6	16.7%	2	7	28.6%	1	9	11.1%	2	10	20.0%
Dec	0	5	0.0%	0	5	0.0%	0	8	0.0%	0	8	0.0%	0	7	0.0%	0	7	0.0%
<b>TOTAL</b>	<b>2</b>	<b>49</b>	<b>4.1%</b>	<b>4</b>	<b>51</b>	<b>7.8%</b>	<b>5</b>	<b>58</b>	<b>8.6%</b>	<b>12</b>	<b>65</b>	<b>18.5%</b>	<b>8</b>	<b>62</b>	<b>12.9%</b>	<b>17</b>	<b>71</b>	<b>23.9%</b>

	2017						2016						2015					
	Multi-Fatal Fires	Total Fires	% Multi-Fatal Fires	Multi-Fatal Dths	Total Deaths	% Multi-Fatal Deaths	Multi-Fatal Fires	Total Fires	% Multi-Fatal Fires	Multi-Fatal Dths	Total Deaths	% Multi-Fatal Deaths	Multi-Fatal Fires	Total Fires	% Multi-Fatal Fires	Multi-Fatal Dths	Total Deaths	% Multi-Fatal Deaths
Jan	1	6	16.7%	6	11	54.5%	1	9	11.1%	4	12	33.3%	1	4	25.0%	6	9	66.7%
Feb	0	4	0.0%	0	4	0.0%	0	5	0.0%	0	5	0.0%	1	4	25.0%	3	6	50.0%
Mar	2	9	22.2%	6	13	46.2%	0	2	0.0%	0	2	0.0%	0	6	0.0%	0	6	0.0%
April	0	5	0.0%	0	5	0.0%	0	3	0.0%	0	3	0.0%	0	4	0.0%	0	4	0.0%
May	0	1	0.0%	0	1	0.0%	0	1	0.0%	0	1	0.0%	0	3	0.0%	0	3	0.0%
Jun	0	4	0.0%	0	4	0.0%	0	1	0.0%	0	1	0.0%	2	5	40.0%	4	7	57.1%
Jul	0	0	0.0%	0	0	0.0%	0	2	0.0%	0	2	0.0%	0	1	0.0%	0	1	0.0%
Aug	2	4	50.0%	5	7	71.4%	2	3	66.7%	6	7	85.7%	0	5	0.0%	0	5	0.0%
Sep	0	3	0.0%	0	3	0.0%	0	3	0.0%	0	3	0.0%	2	5	40.0%	4	7	57.1%
Oct	1	4	25.0%	2	5	40.0%	2	7	28.6%	5	10	50.0%	1	4	25.0%	2	5	40.0%
Nov	2	9	22.2%	4	11	36.4%	0	9	0.0%	0	9	0.0%	1	1	100.0%	2	2	100.0%
Dec	1	5	20.0%	3	7	42.9%	2	11	18.2%	4	13	30.8%	1	8	12.5%	3	9	33.3%
<b>TOTAL</b>	<b>9</b>	<b>54</b>	<b>16.7%</b>	<b>26</b>	<b>71</b>	<b>36.6%</b>	<b>7</b>	<b>56</b>	<b>12.5%</b>	<b>19</b>	<b>68</b>	<b>27.9%</b>	<b>9</b>	<b>50</b>	<b>18.0%</b>	<b>24</b>	<b>64</b>	<b>37.5%</b>



NOTES