

FIRE DEATHS IN MARYLAND



**January - December
2022**

OFFICE OF THE MARYLAND STATE FIRE MARSHAL
FIRE DEATHS IN MARYLAND
January - December 2022

The fire deaths reported in Maryland during 2022 show a significant increase in comparison to the previous year. The 70 deaths in 65 fires in 2022 represent an 11.1 percent death increase over the 63 deaths in 52 fires reported in 2021, and a 37.3 percent increase over the 51 deaths in 49 fires in 2020.

ALLEGANY COUNTY - During January through December 2022, Allegany County reported one fire death compared to three fire deaths reported in 2021, and no fire deaths reported in 2020 for the same period.

- An undetermined fire that started in the victim's bathroom claimed the life of a 35 year old female. The victim's body was located on the second floor bedroom of the home subsequent to firefighters extinguishing the fire, with investigators reporting the smoke alarm status as undetermined.

ANNE ARUNDEL COUNTY - Anne Arundel County reported in the twelve months of 2022, seven fire deaths in seven fires, a significant increase compared to the two fire deaths reported in 2021, and a notable increase compared to the three deaths reported in 2020.

- A 62 year old male was extricated by firefighters from an undetermined apartment fire. The victim was declared deceased at the scene. Investigators revealed the electric service had just been recently shut off by the owner in an attempt to coerce the tenant to vacate the premises. The fire reportedly started in the area of the covered landing/balcony of the apartment, with no smoke alarms found at the scene.

- An undetermined residential dwelling fire that originated in the kitchen claimed the life of a 68 year old female who was extricated from the upstairs bedroom by rescuers, and declared deceased at the scene. Working smoke alarms were located by investigators at the site.

- A dwelling fire that started in the living space of the home resulted in the death of a 75 year old female who was removed from the kitchen space by rescuers during firefighter detail. Investigators determined the fire cause to be smoking related, with reports of working smoke alarms found at the scene.

- A 62 year old female was transported to a regional medical center for treatment of fire related injuries sustained while smoking on home oxygen, whereby she later succumbed to her injuries. Investigators revealed that the fire point of origin was determined to be the living room couch, with reports of working smoke alarms and a sprinkler system found at the site.

- A leaking propane tank placed within close proximity to a heavy equipment vehicle and stored inside an outside storage container combusted after the engine of the vehicle was engaged/started, thereby causing an explosion and fire. A 33 year old male was working inside the storage container when the incident occurred and was quickly engulfed in flames. The male victim was transported to a local burn unit where he succumbed to his injuries. A second male victim sustained minor burn injuries as he attempted to rescue the victim.

- No working smoke alarms were found in an undetermined mobile home fire that claimed the life of a 71 year old male who was found deceased by rescuers in the bedroom area of the home.

- A 92 year old female with onset dementia sustained thermal burns in her home and was transported by rescuers to a local burn unit where she succumbed to her fire related injuries. Investigators reported that the case remains under investigation at this time and a cause has not been definitively determined.

BALTIMORE CITY - The 15 deaths in 13 fatal fires reported by Baltimore City for 2022 represent a 25 percent increase in comparison to the 12 fire deaths reported in 2021, and a notable increase compared to the ten fire deaths reported in 2020 during the same period.

- An undetermined residential fire resulted in the death of a 59 year old female who was found deceased by rescuers in the second floor bedroom area of the home, with sustained charred/thermal injuries. The case remains under investigation at this time.

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BALTIMORE CITY (Continued)

- Three Baltimore City firefighters tragically lost their lives in a vacant row home fire while battling the blaze. Reports revealed the firefighters became entrapped after the structure collapsed. The fire was later ruled an arson-homicide. The fallen heroes were identified as follows: Lt. Paul Butrim - age 37, Firefighter/Paramedic Kelsey Sadler - age 33, and EMT/Firefighter Kenny Lacayo - age 30.
- An undetermined residential fire resulted in the demise of a 71 year old female who was initially rescued from the burning home by firefighters, and transported to a local medical center where she succumbed to her injuries. Investigators reported the fire originated on the second floor, with the presence of smoke alarms ruled as undetermined.
- A 65 year old male succumbed to his injuries while being treated at a regional medical center following rescue from a fire in his home. The undetermined fire originated on the second floor of the structure, with the smoke alarm status reported as undetermined by investigators.
- A fuel facility building went up in flames from a fire that originated in the exterior area of the building, subsequently claiming the life of a 51 year old worker who became engulfed in flames while working outside near the structure. The victim's coworkers unsuccessfully attempted to extinguish the fire enveloping the victim.
- An 84 year old female succumbed to her injuries at a local medical center after being rescued by firefighters from a fire originating on the second floor of the home. Reports indicate the cause and the smoke alarm status remain undetermined.
- A vacant row home fire claimed the life of a 55 year old male who was found by rescuers on the third floor of the collapsed building. The fire cause remains undetermined, with the smoke alarm status ruled undetermined, but unlikely.
- A vehicle explosion and subsequent fire claimed the life of a 39 year old male who succumbed to his injuries at a regional medical center. Investigators reported that the possibility of suicide was not definitely determined, but could not be ruled out.
- A vehicle crash and subsequent fire resulted in the death of a 54 year old male who was found deceased inside the vehicle at the scene. Reports indicated the driver struck a parked car, jumped the curb/sidewalk, and traveled approximately 50 yards before stopping within a line of trees. The incident was ruled accidental due to cardiac disease being present complicated by thermal injuries (contributed to the victim's death).
- The body of a 65 year old female was located by firefighters on the second floor of a dwelling fire. Investigators revealed that the fire originated in the bathroom area of the home, and the cause was deemed smoking-related, with the presence of smoke alarms reported as undetermined.
- An undetermined two-story row home fire claimed the life of a 48 year old male who was found deceased on the first floor-middle room of the structure by rescuers, with the presence of smoke alarms ruled undetermined by investigators.
- An electrical failure of heating equipment was deemed the cause of a residential fire that resulted in the demise of a 45 year old male who was extricated by firefighters from the second floor of the home, with investigators reporting no smoke alarms found on the scene.
- A 31 year old male was found by firefighters engulfed in flames in a parking lot between two parked cars, which at that point the fire was immediately extinguished by the fire department. Reports revealed the smoldered victim was found with a large quilt/blanket wrapped around his body 25 feet away from the victim's homeless camp. The cause of the fire remains undetermined.

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BALTIMORE COUNTY - Baltimore County reported eight deaths in eight fires during the twelve months of 2022, equal to the eight fire deaths reported during that time in 2021, and a slight increase compared to the seven fire deaths in 2020.

- A 72 year old female succumbed to her fire related injuries at a local burn center subsequent to being rescued by firefighters from her burning apartment. The investigation revealed the living space was the point of fire origin, and the cause was deemed as an electrical failure, with the smoke alarm status reported as present but activation/functionality uncertain.
- An undetermined fire starting in the living area of a residential dwelling claimed the life of a 62 year old male, with reports of no smoke alarms found on the scene by investigators.
- An act of suicide by fire/self-immolation resulted in the demise of a 42 year old male who set a supply closet and himself on fire with flammable/liquid vapors at a nail salon.
- A residential basement fire claimed the life of a 69 year old female who was found deceased by rescuers in her home, and the cause was determined to be an electrical failure, with reports of no working smoke alarms found at the location.
- A 35 year old male perished in a vehicle crash and subsequent fire on I-695 at Park Heights Ave, Exit 21, with a cause of death that included multiple blunt force trauma and fire related trauma.
- A residential fire caused by careless smoking claimed the life of a 49 year old male who was found in the second floor bedroom by rescuers. The victim was transported to a burn center where he succumbed to his injuries. A second victim was transported to a local medical center with non-life threatening injuries. Working smoke alarms were found on the scene by investigators.
- An 85 year old male perished in an undetermined residential fire that originated in the bedroom of the home. The deceased was found in the kitchen area of the home by firefighters, with working smoke alarms found at the scene.
- A cooking-related fire caused the demise of 25 year old male who was found deceased by rescuers in the second floor bedroom area of the residence. Investigators reported finding no smoke alarms at the scene.

CALVERT COUNTY - There was one fire death reported in Calvert County during 2022, no fire deaths reported in 2021, and one fire death reported during 2020.

- A smoking-related residential fire that started on the exterior deck near the kitchen entry door resulted in the death of a 58 year old male who was found by neighbors engulfed by flames while sitting in a chair inside the home within close proximity of the kitchen door. Bystanders extinguished the fire that blanketed the victim and called the 911 emergency center. The victim was pronounced deceased at the scene by rescuers.

CAROLINE COUNTY - Caroline County reported in 2022 no fire deaths, one fire death in 2021 compared to two fire deaths in 2020 in the same reporting period.

CARROLL COUNTY - During the twelve months in 2023, Carroll County reported three fire deaths, compared to one fire death in 2021, and no fire deaths in 2020.

- An undetermined residential fire displaced seven residents and resulted in the demise of a 57 year old female who was last seen alive on the second floor of the home. Investigators determined the fire started in the kitchen of the home (possibly cooking-related), with no smoke alarms found at the scene.

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CARROLL COUNTY - (Continued)

- An undetermined residential fire that originated in the bathroom area of the home resulted in the death of a 62 year old male. The residence was occupied by the victim and his wife who both had successfully evacuated the structure at the time of the fire. Unfortunately, the victim decide to re-enter the home in an attempt to rescue the family pets, subsequently becoming entrapped inside. Firefighters extricated the victim from the master bedroom floor, and transported him to a local medical center where he was pronounced deceased. Investigators reported working smoke alarms were found at the scene.

- A 55 year old male perished in an undetermined apartment/mixed-use retail structure fire with the point of origin determined to be the office area of the building. Firefighters rescued the victim from the interior area of the front door and transported him to a local medical center where he was pronounced deceased. No smoke alarms were discovered at the scene.

CECIL COUNTY - Between the time span of January and December 2022, Cecil County reported one fire death, compared to no fire deaths in 2021, and one fire death in 2020.

- A travel trailer fire (trailer utilized as a residential dwelling) claimed the life of a 55 year old male who was found deceased within the interior of the RV by firefighters. A 55 year old female occupant was found outside the trailer by rescuers and was transported to a local medical center for treatment of sustained injuries. The fire cause remains undetermined and no smoke alarms were found at the scene by investigators.

CHARLES COUNTY - There were four fire deaths reported in Charles County during 2022, compared to two fire deaths in 2021, and no fire deaths in 2020 for the same time duration.

- A double-fatal residential fire ruled as an arson-homicide claimed the life of an infant and a 27 year old female. The investigation revealed a male subject who was a resident in the home at the time of the incident deliberately set the fire subsequent to a physical altercation committed inside the home with another resident. The suspect was initially charged with assault and jailed, and later was additionally charged with first-degree arson and murder. The presence of smoke alarms were confirmed by investigators with the function status deemed undetermined.

- A residential fire originating in the bedroom resulted in the demise of a 75 year old physically disabled female who was extricated from the blaze by her son and transported by rescuers to a local medical center whereby the victim succumbed to her injuries. Investigators determined the cause of the fire to be smoking-related (carelessly discarded smoking materials), with no report of smoke alarms found at the location.

- A residential dwelling fire ruled cooking-related by investigators resulted in the death of a 59 year old female, with working smoke alarms found at the scene. Reports revealed the fire started in the living space area of the home.

DORCHESTER COUNTY - January through December 2022, Dorchester County reported four fire deaths, three fire deaths in 2021 , and no fire deaths in 2020 for the same time frame.

- An undetermined double-fatal residential fire claimed the lives of a 65 year old male and a 64 year old female. The fire origin remains undetermined, with the smoke alarm status reported as not present.

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DORCHESTER COUNTY (Continued)

- A 73 year old physically disabled victim with onset dementia was found deceased by rescuers on the couch in the living room area of the burning home. That cause of the fire was ruled incendiary and investigators determined the victim started the fire without conscious intent. Working smoking alarms were found at the scene.

- A 74 year old male was pronounced deceased by rescuers at the scene of an apartment fire. Investigators determined the fire was an electrical failure of a portable air conditioning unit in the bedroom area of the home, with working smoke alarms found at the scene.

FREDERICK COUNTY - During the calendar year 2022, Frederick County reported two fire deaths, compared to two fire deaths in 2021, and no fire deaths in 2020 for the same period.

- Discarded fireplace ashes placed on the front porch was determined to be the cause of a residential fire that claimed the life of an 81 year old male who was found by rescuers in the first floor laundry room of the home. Investigators revealed that operating smoke alarms were found on the scene.

- A vehicle crash and subsequent fire claimed the life of a 31 year old male who died of fire related injuries and blunt trauma.

GARRETT COUNTY - Garrett County reported two fire deaths in reporting year 2022, two deaths in 2021, and no fire deaths in 2020 during the same annual period.

- An 84 year old male perished at a regional burn center from complications related to thermal injuries sustained days prior while working in his shed within close proximity of a portable heater. The victim had come in contact with the heater, and thereby accidentally caught his pants on fire. The victim reportedly ambulated with a cane at the time of the incident.

- An undetermined residential fire claimed the life of a 77 year old physically disabled male who was found deceased by rescuers in the office area closet of the collapsed structure. Investigators determined the fire started in the living space area of the home, with the smoke alarm status ruled as undetermined.

HARFORD COUNTY - Between the reporting months, January through December 2022, Harford County reported four fire deaths, in comparison to the one fire death reported in 2021, and the two fire deaths reported in 2020 for the same reporting period.

- A 72 year old male perished in an undetermined residential fire that originated in the kitchen, with the smoke alarm status reported as undetermined at the scene of the incident due to structure collapse.

- Rescuers responded to a emergency call for an unresponsive 45 year old male victim laying in the hallway of the home. While on the scene, rescuers were rendering lifesaving procedures when they noticed extensive heat throughout the residence, and eventually discovered a self-extinguished fire within the victim's bedroom. The victim did not survive despite resuscitation efforts. Investigators concluded a fire occurred within the bedroom, with the cause rendered as undetermined and the smoke alarm status deemed present/function unknown.

- An undetermined residential fire that started in the kitchen claimed the life of an 82 year old female. Rescuers reported heavy smoke conditions at the scene upon arrival and discovery of the male owner standing outside. The male owner informed firefighters that his wife had not escaped the fire and was still inside the home. Firefighters located the unconscious female victim in the rear sunroom and despite rescue efforts, the victim did not survive. The smoke alarm status was reported as present with function undetermined.

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HARFORD COUNTY (Continued)

- A 38 year old male succumbed to his thermal injuries at a local burn center subsequent to an explosion/fire incident within a travel trailer used as living space. Investigators determined that the victim improperly connected an 120-gallon propane tank to his camper propane system, consequently causing the explosion/fire.

HOWARD COUNTY - In the time period of January through December 2022, Howard County reported three fire deaths, compared to one fire death reported in 2021 and no fire deaths reported in 2020.

- Suicide by Fire/Intentional was determined by investigators to be the cause of a garage fire that resulted in the death of a 24 year old male. Unfortunately, the incident was witnessed by the victim's relative.

- An undetermined mobile home fire claimed the life of a 76 year old female six months after the incident as the victim succumbed to her fire related injuries at a rehabilitation center. Investigators revealed observations noted during the on-scene investigation included an energized space heater placed near lightweight combustibles in the area of fire origin (bedroom). Additionally, the electrical cord powering a space heater was found pinched under the wheel base of the bed frame. Unfortunately, neither of those possible ignition sources could be definitively ruled by investigators to be the actual fire source even though possible.

- A vehicle crash and subsequent fire resulted in the death of a 23 year old male who died at the scene after becoming entrapped. Reports indicated the vehicle went off the road, hit a pole, and then burst into flames.

KENT COUNTY - There were no fire deaths reported in Kent County during the twelve months of 2022, no fire deaths reported in 2021, and no fire deaths in 2020 for the same annual reporting periods.

MONTGOMERY COUNTY - Four fire deaths were reported in Montgomery County for the twelve months of 2022, compared to five fire deaths reported in 2021, and twelve fire deaths reported in 2020 for the same time period.

- A 54 year old male was rescued by firefighters from his burning townhome and transported to a local medical center where he was pronounced deceased. The fire cause was determined to be an electrical failure event in the living space of the residence, with working smoke alarms found present at the scene.

- A vehicle crash and subsequent fire claimed the life of a 62 year old male. Reports from on-scene investigators indicated the fire started in the engine area of the vehicle, and the victim was found in the back seat.

- A 36 year old male perished in an intentional condominium explosion and fire, with investigators deeming the incident suicide/incendiary. More than a dozen people were injured and displaced at the complex.

- A 61 year old physically disabled male died at a local burn center a few days after sustaining thermal injuries. Investigators reported that the victim fell into an active patio fire ring subsequent to attempting ambulation from a chair he had been sitting in while smoking.

PRINCE GEORGE'S COUNTY - Six fires claimed the lives of five people in Prince George's County during the twelve months of 2022, which revealed a slight decrease compared to 2021 where there were 11 deaths in nine fires, and a decrease for the same time period in 2020 with 12 deaths in 11 fires reported.

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PRINCE GEORGE'S COUNTY (Continued)

- A residential house fire that originated in the bathroom of the home claimed the life of a 73 year old victim who was found deceased by rescuers in the bathroom tub. Investigators determined the cause was an incendiary act of suicide committed by the victim.
- A double-fatal vehicle crash and subsequent fire claimed the lives of a 61 year old female and a 47 year old male who were pronounced deceased at the scene. The medical examiner ruled the fire related injuries played a significant part in the demise of the two victims along with blunt trauma.
- An apartment fire resulted in the demise of a 42 year old victim who succumbed to her fire related injuries several days after the incident. Investigators determined the fire started in the kitchen and was cooking-related, with working smoke alarms found at the scene.
- A vehicle crash and subsequent fire claimed the life of a 73 year old male, the medical examiner ruled the fire related injuries played a part in the victim's demise.
- An act of suicide/self-immolation committed by the victim was determined the cause of a vehicle fire/non-vehicle crash incident located in a wooded area. Investigators reported the 60 year old victim perished in the fire prior to extinguishment.

QUEEN ANNE'S COUNTY - During the twelve months of 2022, Queen Anne's County reported no fire deaths, compared to no fire deaths in 2021, and no fire deaths in 2020 during the same period.

ST. MARY'S COUNTY - St. Mary's County reported no fire deaths in 2022, one fire death in 2021, and one fire death in 2020 for the same reporting period.

SOMERSET COUNTY - No fire deaths were revealed by Somerset County in the reporting period January through December 2022, compared to no fire deaths in 2021, and one fire death revealed in 2020 for the same time frame.

TALBOT COUNTY - Talbot County reported one fire death during the reporting period January through December 2022, no fire deaths in 2021, and one fire death in 2020 for the same time period.

- A 62 year old male who reportedly suffered from multiple medical conditions died in an apartment fire that originated in the kitchen area of the apartment. Rescuers on the scene located the victim in the bedroom area of the residence and started resuscitation efforts. The victim was transported to a local medical center where he was pronounced deceased. Investigators determined the cause of the fire was an incendiary act of suicide committed by the victim.

WASHINGTON COUNTY - Reporting periods January through December 2022, revealed one fire death in Washington County, a decrease compared to the five fire deaths reported in 2021, and a decrease compared to the three deaths reported in 2020 for the same period.

- A 94 year old female victim died at a burn center while receiving treatment for burn injuries sustained at an assisted living facility. Investigators reported the wheelchair bound victim was smoking in an outdoor patio area of the group home when she accidentally caught her clothes on fire. The fire was doused by caregivers, emergency rescuers responded and the patient was transported to a regional burn center for further treatment.

WICOMICO COUNTY - During the twelve months of 2022, Wicomico County reported one fire death, and two fire deaths in 2021, and no fire deaths were reported in 2020 for the same period.

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WICOMICO COUNTY (Continued)

- A deceased 75 year old male was found by rescuers in the hallway interior of a residential dwelling. A female occupant escaped the blaze and was transferred to a medical center for treatment. Investigators reported the fire cause and the smoke alarm status remains undetermined.

WORCESTER COUNTY - The entire 2022 year revealed two fire deaths in Worcester County, along with one fire death reported in 2021, and no fire deaths in 2020 during the same time duration.

- A mentally challenged 64 year old male perished in a shed fire. After the fire was extinguished, firefighters extricated the deceased victim from the structure. Reports indicated the shed had been utilized by the victim as a residence for the past ten years. Investigators ruled the cause of the fire as combustibles placed too close to a space heater, with no smoke alarms found at the scene.

- An 86 year old female victim succumbed to her burn injuries sustained while attempting to ignite an outdoor burn barrel with the use of gasoline.

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THE YEAR IN REVIEW/OVERVIEW - The twelve months of 2022 proved to be a noteworthy period in relation to fire deaths when compared to the previous year for the same time period. Sixty-five (65) fires resulted in 70 fire deaths compared to previous years as follows: 2021 - 63 fire deaths; 2020 - 51 fire deaths; 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 2022 can be found below. **The comparison of fire death statistics by county utilizing population census data can be found on page 23 and 24 of this report.**

Baltimore City reported the most fire deaths of the 24 reporting jurisdictions in Maryland for this annual review period, incurring 15 deaths in 13 fires. In 2021, Baltimore City ranked first in reporting the most deaths of any county at 12 deaths in nine fires, which was higher in comparison to 2020, reported at ten deaths in ten fires. One arson/homicide triple-fatal vacant residential fire claiming the lives of three firefighters was reported in 2022. Three fatal residential fires within the county reported physical limitations presented by the victims. In 2022, conditions of hoarding was reported by rescuers at one of the fires. Working smoke alarms were confirmed at the scene in only one of the fatal fires.

Baltimore County placed second, reporting eight deaths in eight fires for 2022, and during 2021, Baltimore County reported eight deaths in eight fires for the entire year, coming in third at that time for the most reported fire deaths in that year. Three of the county's unrelated fires reported the presence of working smoke alarms, three of the fire scenes involved hoarding conditions, and one of the fires reported physical limitations of the victims.

Anne Arundel County ranked third, reporting seven deaths in seven fires for January through June 2022. Anne Arundel County reported one fire resulting in two deaths for the previous year of 2021, with no significant placing overall for the State at that time. In 2022, investigators confirmed the existence of operating smoke alarms in only two fires out of the six total **residential** fires reported. None of the seven 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 incident.

Prince George's County ranked fourth, reporting six deaths in five fires for January through June 2022. Prince George's County reported nine fires resulting in 11 deaths for the previous year of 2021, placing second overall for the State at that time. In 2022, investigators confirmed the existence of operating smoke alarms in only one fire out of the two total **residential** fires reported. None of the five fires resulted in a multiple-fatal fire, none of the fires involved reported conditions of hoarding, and only one fire death victim presented with some type of physical limitation during the incident.

Caroline County, Kent County, Queen Anne's County, St. Mary's County, and Somerset County reported ZERO fire deaths in 2022, totaling five counties reporting no fire deaths. In 2021, for the same period, six counties reported no fire deaths, which is a decrease for 2022 when comparing the two reporting years.

The remaining counties reported fire deaths as follows: **Allegany County** - one death/one fire; **Calvert County** - one death/one fire; **Carroll County** - three deaths/three fires; **Cecil County** - one death/one fire - **Charles County** - four deaths/three fires; **Dorchester County** - four deaths/three fires; **Frederick County** - two deaths/two fires; **Garrett County** - two deaths/two fires; **Harford County** - four deaths/four fires; **Howard County** - three deaths/three fires; **Montgomery County** - four deaths/four fires; **Talbot County** - one death/one fire; **Washington County** - one death/one fire; **Wicomico County** - one death/one fire; and **Worcester County** - two deaths/two fires.

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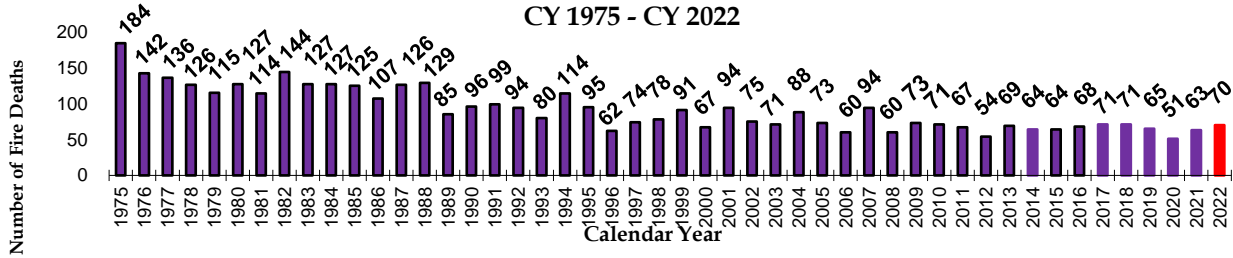
THE YEAR IN REVIEW/OVERVIEW (CONTINUED)

During the twelve month period of 2022, County jurisdictions reported a total of 20 deaths (28.6%) in 19 fires (29.2%) which involved victims who were physically disabled or physically limited. A summary of the physical disabilities and/or physical limitations was reported by fire investigators as follows: Ambulation Challenges - nine victims ; Chronic Health Issues - five victims; Cognitive Issues/Decline - three victims; and Home Oxygen Use - one victim; Illegal/Habitual Drug Use - two victims.

Following is a summary of the fire deaths reported to the Maryland State Fire Marshal during the twelve months of 2022. Also included are summary tables of fire deaths for reporting years 2018 through 2022. The number of fire deaths in Maryland, by county, for the five-year period 2018 through 2022 are listed on page 23.

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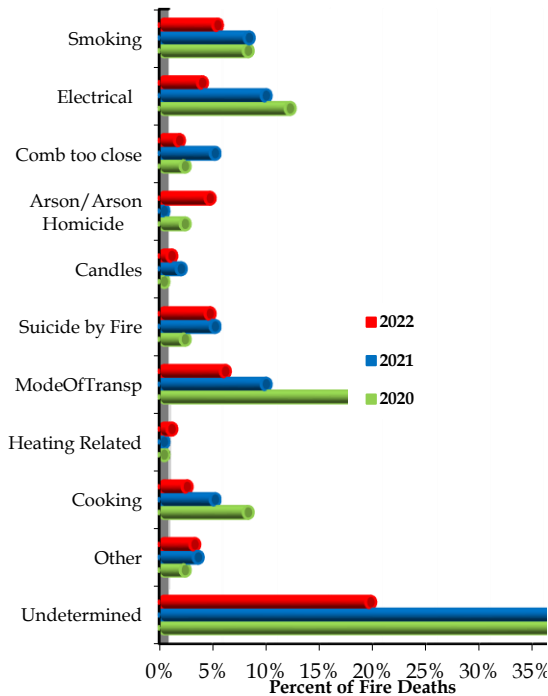
The fire deaths reported in Maryland during 2022 show a significant increase in comparison to the previous year. The 70 deaths in 65 fires in 2022 represent a 11.1 percent death increase over the 63 deaths in 52 fires reported in 2021, and a 37.3 percent increase over the 51 deaths in 49 fires in 2020.



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 64 fire deaths per year from 2018 through 2021. Fire deaths in the State have remained below 100 each year for over the past 27 years (1995 to 2022), as illustrated in the above graph. During that time, there has been an approximate average of 77 fire deaths a year. Previously, from 1975 to 1994, fire fatalities in Maryland averaged 120 deaths a year.

Mode of Transportation/Vehicle crash fires ranked first, claiming more lives than fires resulting from other known causes in 2022. Eight victims, ranging in age from 23 years to 73 years, died in seven vehicle-related fires. Those deaths accounted for 11.4 percent of the fire deaths in 2022, 9.5 percent of the fire deaths in 2021, compared to 19.6 percent of all fire deaths in 2020.

CAUSES OF FATAL FIRES



Smoking-Related deaths placed second in the cause of fatal fires category, reported at seven deaths in seven fires for the year 2022. Victims ranged in age from 49 to 94 years old. Those deaths accounted for 10.0 percent of the total deaths in 2022, compared to 7.9 percent in 2021, and 7.8 percent in 2020.

In 2022, **Arson-Incendiary/Arson-Homicide** fires, rated third, led to six deaths in three fires, with victims ranging in age from infancy to 73 years old. In comparison, those deaths accounted for 8.6 percent of the total deaths in 2022, zero percent in 2021, and 2.0 percent in 2020.

Fires attributed to **Electrical Failure** claimed five victims in five fires during reporting year 2022, ranging in age from 45 years to 74 years. Those deaths accounted for 9.5 percent of the fire deaths, compared to 9.5 percent of the fire deaths in 2021, and 11.8 percent of all fire deaths in 2020.

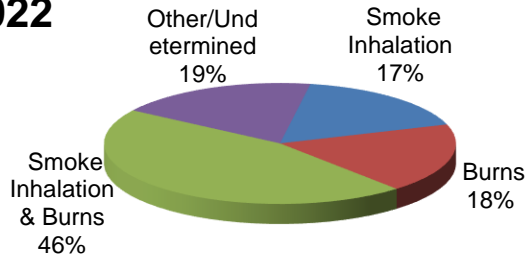
The causes of 26 fires in which 27 lives were lost remain **Undetermined**.

The remaining fire causes were reported as follows: **Suicide by Fire** - six deaths/six fires; **Explosion** - three deaths/three fires; **Cooking-Related** - three deaths/three fires; **Combustible Too Close** - two deaths/two fires; **Flammable Liquid Vapors** - one death/one fire; **Open Flame** - one death/one fire; and **Heating Related** - one death/one fire;

FIRE DEATHS IN MARYLAND

CAUSE OF DEATH OF FIRE VICTIMS

2022



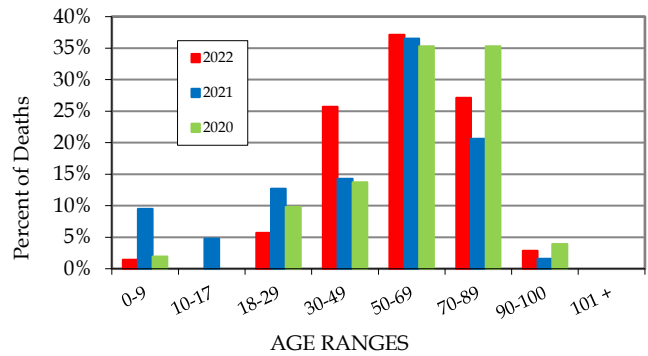
Smoke inhalation combined with thermal injuries was the cause of death reported most frequently for victims of fatal fires in 2022, claiming 32 lives.

Twelve (12) victims of fatal fires died as the result of smoke inhalation, and 13 other fire victims succumbed as the result of burn injuries. Thirteen (13) victims perished from other fire related causes of death related to, but not solely/mainly caused by smoke inhalation and/or thermal injuries.

AGE OF FIRE DEATH VICTIMS

One child died in one fire during 2022.

Fire victims younger than 18 years accounted for over 1 percent of all fire deaths for the year, a significant decrease in comparison to the nine victims who accounted for almost 14 percent of all fire deaths for 2021, and the one victim in 2020 who accounted for 2 percent of the fire deaths that year.



The fire resulted in double-deaths, not only claiming the life of 6-month old infant, but also claiming the life of a 27 year old female. The investigation revealed a male subject who was a resident in the home at the time of the incident, deliberately set the fire subsequent to a physical assault committed inside the home against another resident. The suspect was initially charged with assault and jailed, and later was additionally charged with first-degree arson and murder.

There were 22 victims in the 18 to 49 years age range in 2022, a notable increase when compared to the 17 victims in that age range in 2021, and the 12 victims in that age range reported in 2020. Victims in that age range accounted for just over 31 percent of the total deaths in 2022, compared to the nearly 27 percent in 2021, and over 24 percent of the deaths in 2020.

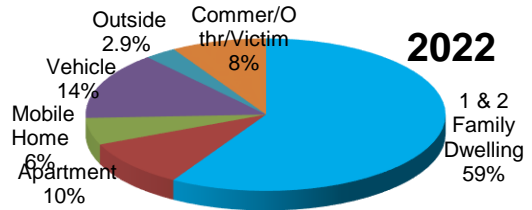
The number of fire death victims in the 50 to 69 years age range slightly increased in 2022, compared to the total deaths in 2021 and 2020. Twenty-six (26) victims in that age range accounted for over 37 percent of the fire deaths in 2022, while 23 victims in that age range accounted for 37 percent of the deaths in 2021, and 18 victims in that age range accounted for 35 percent of the deaths in 2020.

The 21 fire death victims 70 and older reported in 2022, represent a slightly increased value compared to the number of deaths of 14 such victims in 2021, and a decrease compared to the 20 deaths reported in 2020. Those victims 70 years and older accounted for 30 percent of the fire deaths in 2022, compared to over 22 percent of the fire deaths during 2021, and over 39 percent of the fire deaths in 2020. Additionally, in 2022, there were no fire deaths reported in persons over the age of 94.

Office of the Maryland State Fire Marshal
FIRE DEATHS IN MARYLAND

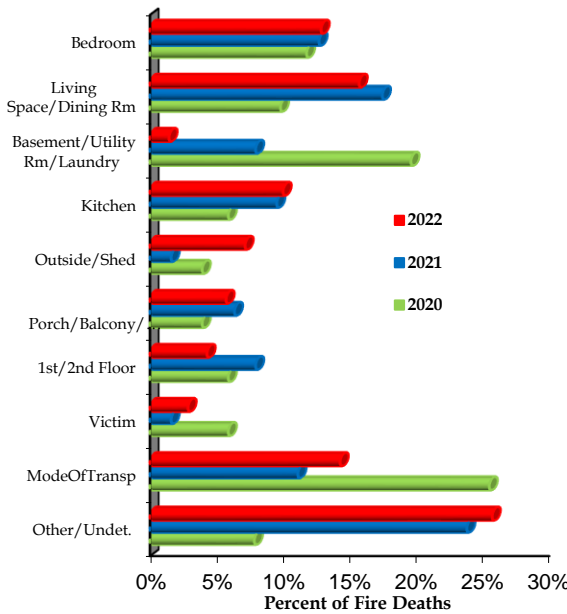
LOCATION OF FATAL FIRES

In 2022, as in other years, most fire deaths occurred in residential structures, including 41 deaths in *One-and-two Family Dwellings*, seven victims of *Apartment* fires, and four victims of *Mobile Home* fires. Residential fires accounted for almost 74 percent of the fire deaths in 2022, compared to 79 percent of the fire deaths in 2020 and 65 percent in 2020.



Nine Mode-of-Transportation-related fires resulted in ten deaths, with seven of the fires caused by vehicle-related crashes. Victim contained fires/burn injuries claimed the lives of five individuals in five fires. An office fire caused by an act of suicide claimed the life of one victim. Two unrelated Outside Storage structure fires claimed the lives of two victims, one caused by an initial explosion, and one cause deemed undetermined.

AREA OF FIRE ORIGIN



Living Space/Dining Room fires claimed the lives of 11 victims in ten fires, and were caused by the following: *Careless Smoking* - two fires/two deaths, *Electrical Failure* - two fires/two deaths, *Undetermined* - three fires/three deaths, *Arson* - one fire/two deaths, *Combustibles Too Close* - one fire/one death, *Cooking Related* - one fire/one death, and *Combustibles Too Close* - one fire/one death.

Nine **Mode-of-Transportation/Vehicle** fires claimed the lives of ten victims in 2022. Seven of the vehicle fires were the direct result of vehicle crashes, claiming eight lives, and two fires/two deaths which were deemed *Suicide*, one by *Self-Immolation* and one by *Explosion* inside a vehicle. In 2021, seven victims in seven vehicle fires lost their lives.

Nine fires claimed the lives of nine victims in 2022 where the fire origin was reported as the **Bedroom** area of the home, compared to eight deaths in six fires in 2021. Five fires remain *Undetermined*, two fires were *Smoking Related*, and *Arson* and *Electrical Failure* were the cause of two unrelated fires.

Fires originating in the **Kitchen** placed fourth in known causes for 2022, each claiming seven victims in seven fires. The causes of the **Kitchen** fires were reported as follows: *Undetermined* - four fires/four deaths, *Cooking-Related* - two fires/two deaths, and *Arson-Suicide* - 1 fire/1 death. In comparison, three fires originating in the **Kitchen** claimed six lives during 2021.

SMOKE ALARM PERFORMANCE

Thirteen (13) fatal residential fires occurred where the smoke alarms were known to function properly, but the fires still claimed the lives of 13 individuals, 25.0 percent of total dwelling deaths.

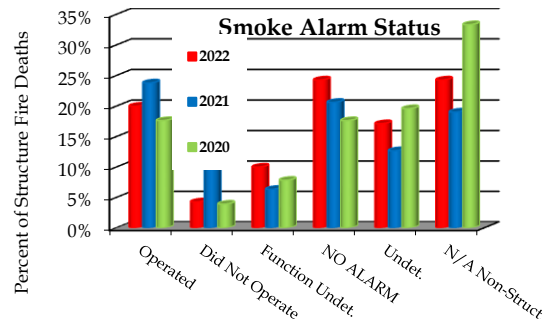
There were no smoke alarms present in 14 fatal residential structure fires that killed 17 Maryland residents (over 32.6 percent of total dwelling deaths) in 2022.

Residential dwelling fires that reported the presence of non-functioning smoke alarms accounted for 5.8 percent of the total dwelling deaths (three deaths in three fires).

Another seven people died (13.4 percent) in six structure fires where the smoke alarms were present, but the operational status was undetermined.

Twelve fires resulted in twelve deaths (23.0 percent) where the presence of smoke alarms was unknown.

The remaining fires in the **Area of Origin** category can be summarized as follows: *Undetermined* - seven fires/ten deaths; *Basement* - one fire/one death; *Outside/Yard/Shed* - five fires/five deaths; and *Bathroom* four fires/four deaths *Porch/Balcony/Deck* - three fires/three deaths; *Second Floor* - three fires/three deaths; *Other* - three fires/three deaths; *Victim* - two fires/two deaths; *Garage* one fire/one death; and *Hallway/Entrance* one fire/one death.



Office of the Maryland State Fire Marshal

TIME OF FATAL FIRES

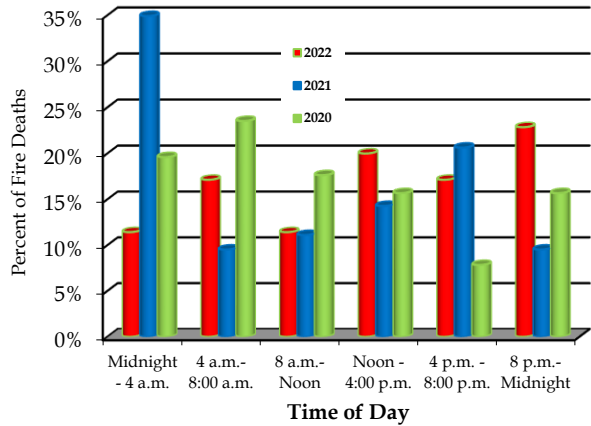
FIRE DEATHS IN MARYLAND

Not consistent with most previous years, more fire deaths occurred in the mid-late morning hours than at other time of the day, with the hours between 6:00 p.m. 12:00 a.m., proving to be the most deadly eight-hour period in 2022. The 21 fatal fires that started during those eight hours resulted in 23 deaths accounting for almost 33 percent of the 70 total fire deaths for the year. Two unrelated double-death fires occurred during those hours in 2022.

The hours between 12:00 p.m. and 6:00 p.m., rated at 27 percent of the total 70 deaths or 19 deaths in 19 fires, ranking second. No multiple-fatal fires were reported during that time period..

The hours between 6:00 a.m. through 12:00 p.m. ranked third overall totaling 16 deaths (23 percent) in 14 fires, with one triple-fatal reported.

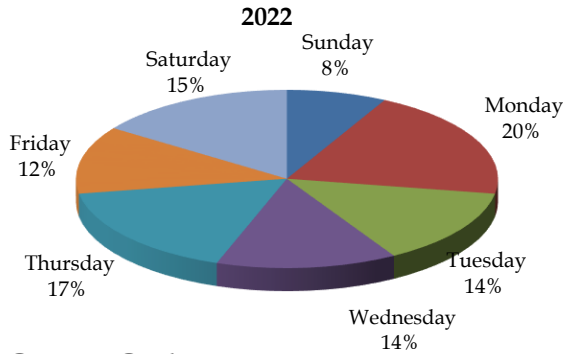
The hours between 12:00 a.m. and 6:00 p.m. for (17 percent) of fire deaths ranked fourth overall with 12 deaths in 11 fires.



In previous years, fatal fires have been more likely to occur over the weekend which was NOT the case for 2022. A total of 44 deaths (63 percent) in 42 fires (65 percent) occurred on Monday-Thursday in the reporting year 2022. Additionally, two of the three unrelated multiple-fatal fires in 2022 occurred during the weekday.

Significantly a little over a third of the fatal fires occurred during the weekend, which resulted in approximately 37 percent of the 70 fire deaths for the year. Twenty-six (26) people died from 23 fires (35 percent) that started on those days.

DAY OF WEEK OF FATAL FIRES



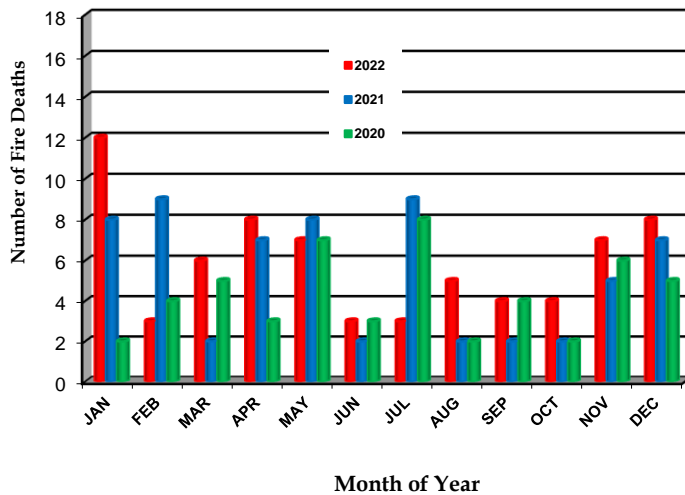
MONTH OF YEAR

The fall and winter months have often been the deadliest months for fatal fires, and this proved true for 2022.

Approximately 57 percent of the fire deaths resulted from fires that occurred in January through March and October through December, when 37 fires claimed 40 lives.

April through September recorded 30 deaths in 28 fires which is nearly equal to 43 percent of the total deaths for the year.

As illustrated in the adjacent graph, January, April and December were the deadliest months, with twelve deaths in nine fires reported in January, eight deaths in seven fires reported in April and eight deaths in eight fires reported in December.

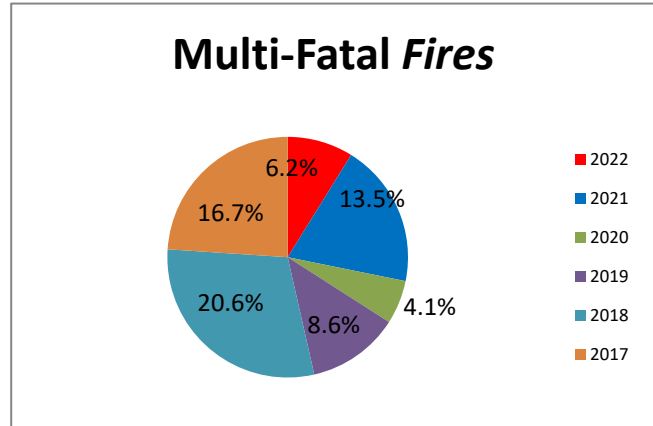


FIRE DEATHS IN MARYLAND

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, 2022 showed a decrease in the total number of multi-fatal fires which was four fires or 6.2 percent of the 65 total fires for the year. During 2021, the percentage of multi-fatal fires was at 13.5 percent of the 52 total fires for that year, and at 4.1 percent of the 49 total fires for the year 2020.

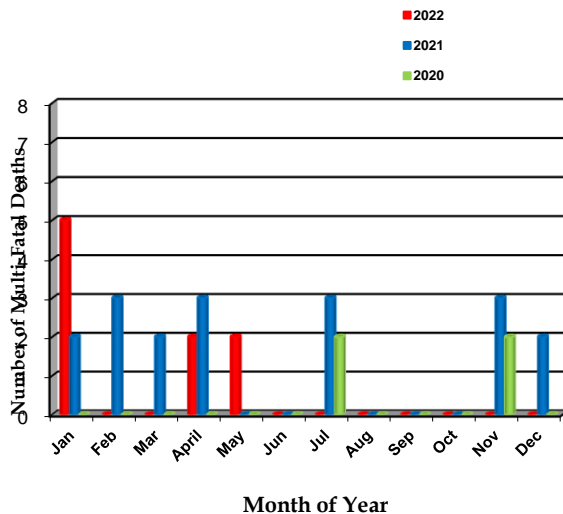
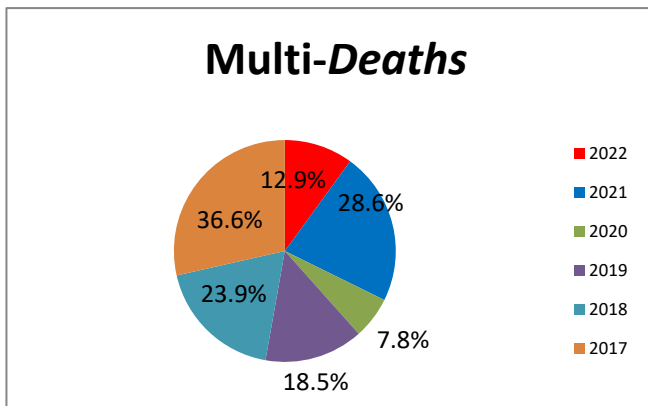
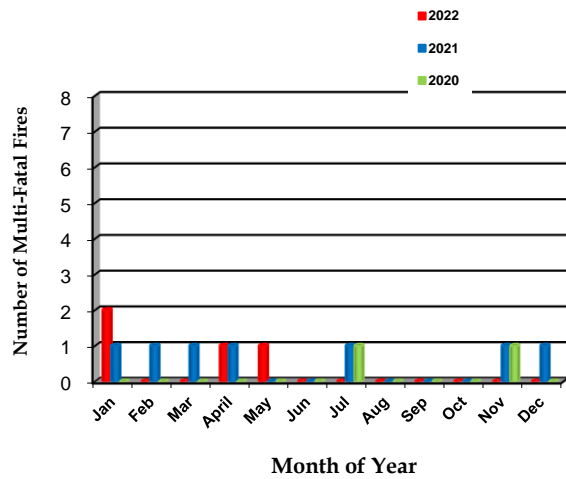
The months of January (one triple-fatal dwelling fire/one double-fatal vehicle crash/fire), April (one double-fatal dwelling fire), and May (one double-fatal vehicle crash/fire) 2022 each reporting unrelated multi-fatal fires; . There were no multi-fatal fires reported in the months of February, March and June through December.



MULTIPLE DEATHS IN FATAL FIRES

In 2022, the number of multi-deaths in fatal fires decreased in comparison to the prior year to nine deaths in four multi-fatal fires or 12.9 percent of the 70 total deaths reported for the year. Multi-deaths in fatal fires in 2021 was recorded at 18 deaths or 28.6 percent of the 63 total deaths, and 2020 was recorded at four deaths or 7.8 percent of the 51 total deaths.

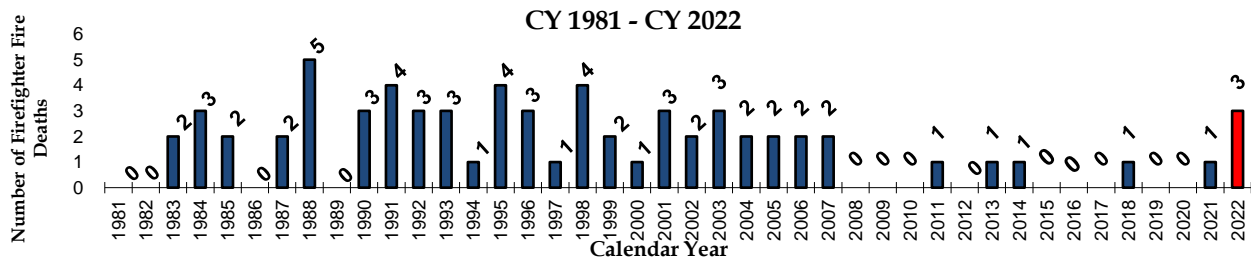
Multi-fatal fires claimed the lives of victims in 2022 as follows: January, five victims/two fires; April, two victims/one fire; and May, two victims/one fire;



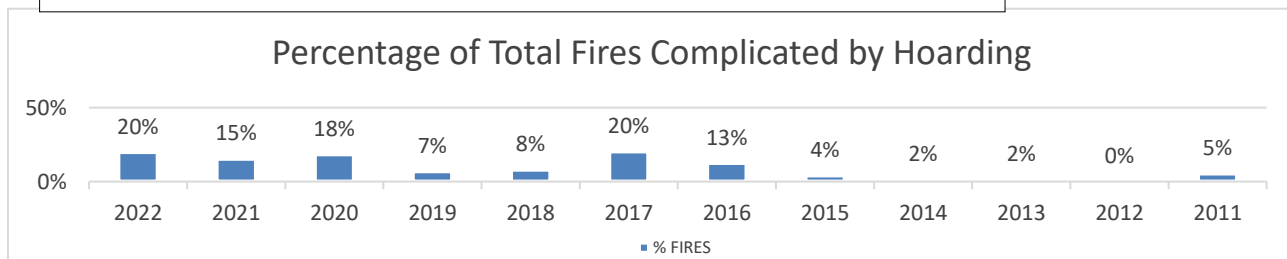
FIRE DEATHS IN MARYLAND

FIREFIGHTER FIRE DEATHS

The total number of Maryland firefighters who lost their lives in the line of duty due to **fire** was reported at three deaths in 2022, one death in 2021, no deaths in 2020 and 2019, one death during 2018, zero deaths in 2017, 2016 and 2015, and one death reported in 2014 and 2013. On 1/24/2022 Lt. Paul Butrim, Firefighter/Paramedic Kelsey Sadler, and EMT/Firefighter Kenny Lacayo died while battling a row house fire on Sticker Street in Baltimore City after the structure collapsed becoming entrapped. The deaths were later ruled as homicides, and the fire was classified as incendiary.



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. Thirteen deaths resulted from 13 fires with reported hoarding conditions which is calculated at 20 percent of the total 65 fires reported for the entire year, representing an increase in comparison to the previous year 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 2022.

Anne Arundel County. - Two unrelated undetermined residential fires claimed the lives of a 68 year old female and a 71 year old man, with one fire reporting the presence of a operating smoke alarms, and one fire reporting no smoke alarms found.

Baltimore County - An 84 year old female victim was found on the second floor of a dwelling fire, with the cause of the fire and the smoke alarm status ruled undetermined.

Baltimore Co. - A fire that started in the family living area of the home claimed the life of a 62 year old male, with reports of no smoke alarms found. An electrical malfunction in the basement area was the cause of a residential fire that claimed the life of a 69 year old female, with no reports of smoke alarms found on the scene. Careless smoking resulted in the demise of a 49 year old male who was located by rescuers in the master bedroom area of the home, with working smoke alarms found on-site.

Carroll County. - An undetermined fire originating in the bedroom claimed the life of a 62 year old male, with the smoke alarm status reported as present/operating. An undetermined apartment fire resulted in the demise of a 55 year old male who was found by rescuers at the interior area of the front door, with reports of no smoke alarms found.

Dorchester County - A 73 year old physically/mentally disabled male perished in an incendiary without conscious intent residential fire, with working smoke alarms found present at the scene.

Garrett County An undetermined dwelling fire resulted in the demise of a 77 year old physically disabled male, with the working smoke alarm status reported as undetermined.

Harford County - Two separate undetermined residential fires claimed the lives of two victims, a 45 year old male and an 82 year old female in each of the blazes. Both incidents reported the presence of smoke alarms with function undetermined.

Wicomico County. - An undetermined dwelling fire claimed the life of a physically disabled 75 year old male, with the presence of smoke alarms ruled as undetermined..

Office of the Maryland State Fire Marshal
FIRE DEATHS IN MARYLAND
CY 2022

| COUNTY | FIRE CAUSE | | | | | | | | | | | | | FIRE DEATHS | | FATAL FIRES | |
|--------------------------|------------|------------|-----------------|---------------------------|----------|----------------------|----------|------------|----------------------------|--------------------|----------------|------------|----------------------|--------------|------------------|-------------|------------------|
| | Smoking | Electrical | Heating related | Unattended Candle/Incense | Cooking | Arson/Homicide Arson | Suicide | Open Flame | Flamm. Liq/Vapor/Explosion | 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 | 1 | 1 | 1.4% | 1 | 1.5% |
| Anne Arundel | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 4 | 7 | 10.0% | 7 | 10.8% |
| Baltimore City | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 1 | 0 | 8 | 15 | 21.4% | 13 | 20.0% |
| Baltimore County | 1 | 2 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 2 | 8 | 11.4% | 8 | 12.3% |
| Calvert | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1.4% | 1 | 1.5% |
| Caroline | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0% | 0 | 0.0% |
| Carroll | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 4.3% | 3 | 4.6% |
| Cecil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1.4% | 1 | 1.5% |
| Charles | 1 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 5.7% | 3 | 4.6% |
| Dorchester | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 4 | 5.7% | 3 | 4.6% |
| Frederick | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 2.9% | 2 | 3.1% |
| Garrett | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 2.9% | 2 | 3.1% |
| Harford | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 4 | 5.7% | 4 | 6.2% |
| Howard | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 3 | 4.3% | 3 | 4.6% |
| Kent | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0% | 0 | 0.0% |
| Montgomery | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 4 | 5.7% | 4 | 6.2% |
| Prince George's | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 3 | 0 | 0 | 6 | 8.6% | 5 | 7.7% |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0% | 0 | 0.0% |
| Somerset | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0% | 0 | 0.0% |
| Talbot | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1.4% | 1 | 1.5% |
| Washington | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1.4% | 1 | 1.5% |
| Wicomico | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1.4% | 1 | 1.5% |
| Worcester | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 2.9% | 2 | 3.1% |
| | | | | | | | | | | | | | | | | | |
| TOTAL FIRE DEATHS | 7 | 5 | 1 | 0 | 3 | 6 | 6 | 1 | 4 | 3 | 8 | 0 | 26 | 70 | 100% | 65 | 100% |
| Column % of Fire Deaths | 10% | 7% | 1% | 0% | 4% | 9% | 9% | 1% | 6% | 4% | 11% | 0% | 37% | | 100% | | |
| TOTAL FATAL FIRES | 7 | 5 | 1 | 0 | 3 | 3 | 6 | 1 | 4 | 3 | 7 | 0 | 25 | | 65 | | |
| Column % of Fatal Fires | 11% | 8% | 2% | 0% | 5% | 5% | 9% | 2% | 6% | 5% | 11% | 0% | 38% | | 100% | | |

*Fire Cause Categories include probable and possible determinations

Office of the Maryland State Fire Marshal
FIRE DEATHS IN MARYLAND
 CY 2022

| COUNTY | FIRE CAUSE | | | | | | | | | | | | | FATAL FIRES | | FIRE DEATHS | |
|--------------------------|------------|------------|-----------------|---------------------------|----------|-----------------------|----------|------------|----------------------------|-------------------|-------------|------------|----------------------|-------------|------------------|--------------|------------------|
| | Smoking | Electrical | Heating related | Unattended Candle/Incense | Cooking | Arson/Homicide/Incend | Suicide | Open Flame | Flamm. Liq/Vapor/Explosion | 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 | 1 | 1 | 1.5% | 1 | 1.4% |
| Anne Arundel | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 4 | 7 | 10.8% | 7 | 10.0% |
| Baltimore City | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 8 | 13 | 20.0% | 15 | 21.4% |
| Baltimore County | 1 | 2 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 2 | 8 | 12.3% | 8 | 11.4% |
| Calvert | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1.5% | 1 | 1.4% |
| Caroline | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0% | 0 | 0.0% |
| Carroll | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 4.6% | 3 | 4.3% |
| Cecil | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1.5% | 1 | 1.4% |
| Charles | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4.6% | 4 | 5.7% |
| Dorchester | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 4.6% | 4 | 5.7% |
| Frederick | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 3.1% | 2 | 2.9% |
| Garrett | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 3.1% | 2 | 2.9% |
| Harford | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 4 | 6.2% | 4 | 5.7% |
| Howard | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 3 | 4.6% | 3 | 4.3% |
| Kent | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0% | 0 | 0.0% |
| Montgomery | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 4 | 6.2% | 4 | 5.7% |
| Prince George's | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 5 | 7.7% | 6 | 8.6% |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0% | 0 | 0.0% |
| Somerset | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0% | 0 | 0.0% |
| Talbot | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1.5% | 1 | 1.4% |
| Washington | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1.5% | 1 | 1.4% |
| Wicomico | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1.5% | 1 | 1.4% |
| Worcester | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 3.1% | 2 | 2.9% |
| TOTAL FATAL FIRES | 7 | 5 | 1 | 0 | 3 | 3 | 6 | 1 | 4 | 3 | 7 | 0 | 25 | 65 | 100% | 70 | 100% |
| Column % of Total | 11% | 8% | 2% | 0% | 5% | 5% | 9% | 2% | 6% | 5% | 11% | 0% | 38% | | 100% | | |

*Fire Cause Categories include probable and possible determinations

FIRE DEATHS IN MARYLAND

| FIRE CAUSE | CY 2018 | | CY 2019 | | CY 2020 | | CY 2021 | | CY 2022 | |
|--|----------------------|------------------|----------------------|------------------|----------------------|------------------|----------------------|------------------|----------------------|------------------|
| | 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 | 7 | 9.9% | 8 | 12.3% | 4 | 7.8% | 5 | 7.9% | 7 | 10.0% |
| Electrical Failure | 12 | 16.9% | 2 | 3.1% | 6 | 11.8% | 6 | 9.5% | 5 | 7.1% |
| Combustibles too Close | 5 | 7.0% | 4 | 6.2% | 1 | 2.0% | 3 | 4.8% | 2 | 2.9% |
| Mode of Transportation | 5 | 7.0% | 6 | 9.2% | 10 | 19.6% | 6 | 9.5% | 8 | 11.4% |
| Cooking Related | 3 | 4.2% | 10 | 15.4% | 4 | 7.8% | 3 | 4.8% | 3 | 4.3% |
| Heating Related | 0 | 0.0% | 2 | 3.1% | 0 | 0.0% | 0 | 0.0% | 1 | 1.4% |
| Arson/Arson Homicide/Incendiary | 0 | 0.0% | 5 | 7.7% | 1 | 2.0% | 0 | 0.0% | 6 | 8.6% |
| Open Flame | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 1 | 1.6% | 1 | 1.4% |
| Flammable Liquid/Vapors | 2 | 2.8% | 3 | 4.6% | 1 | 2.0% | 1 | 1.6% | 1 | 1.4% |
| Candles/Incense | 2 | 2.8% | 2 | 3.1% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| Suicide Arson | Category Sub-Divided | | Category Sub-Divided | | Category Sub-Divided | | Category Sub-Divided | | Category Sub-Divided | |
| Suicide/Incendiary | 1 | 1.4% | 0 | 0.0% | 1 | 2.0% | 1 | 1.6% | 3 | 4.3% |
| Suicide/Self-Immoliz. | 3 | 4.2% | 0 | 0.0% | 0 | 0.0% | 2 | 3.2% | 3 | 4.3% |
| Suicide/Homicide/Arson | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| Child Playing | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| Other/Explosion | 4 | 5.6% | 4 | 6.2% | 0 | 0.0% | 1 | 1.6% | 3 | 4.3% |
| Under Invest/Undetermined | 27 | 38.0% | 19 | 29.2% | 23 | 45.1% | 34 | 54.0% | 27 | 38.6% |
| TOTAL DEATHS | 71 | 100.0% | 65 | 100.0% | 51 | 100.0% | 63 | 100.0% | 70 | 100.0% |
| *Heating Includes: | | | | | | | | | | |
| Kerosene/Propane Heater | 3 | | 0 | | 0 | | 0 | | 0 | |
| Space/Bsbrd Heater | 0 | | 0 | | 0 | | 0 | | 0 | |
| Furnace | 1 | | 0 | | 0 | | 0 | | 0 | |
| Gas Fireplace/Fireplace | 1 | | 0 | | 0 | | 0 | | 1 | |
| Faulty Chimney/Flue | 0 | | 0 | | 0 | | 0 | | 0 | |
| DEATH CAUSE | CY 2018 | | CY 2018 | | CY 2020 | | CY 2021 | | CY 2022 | |
| Smoke Inhalation & Burns | 35 | 49.3% | 32 | 49.2% | 23 | 45.1% | 37 | 58.7% | 32 | 45.7% |
| Smoke Inhalation | 18 | 25.4% | 17 | 26.2% | 12 | 23.5% | 14 | 22.2% | 12 | 17.1% |
| Thermal Burns | 6 | 8.5% | 6 | 9.2% | 4 | 7.8% | 6 | 9.5% | 13 | 18.6% |
| *Othr/Including Smoke/Thermal | 12 | 16.9% | 10 | 15.4% | 12 | 23.5% | 6 | 9.5% | 13 | 18.6% |
| *Other category includes other causes as primary with smoke and/or thermal injuries determined to be significant contributing factor. | | | | | | | | | | |
| SEX OF VICTIM | CY 2018 | | CY 2019 | | CY 2020 | | CY 2021 | | CY 2022 | |
| Male | 44 | 62.0% | 36 | 55.4% | 30 | 58.8% | 43 | 68.3% | 45 | 64.3% |
| Female | 27 | 38.0% | 29 | 44.6% | 21 | 41.2% | 20 | 31.7% | 25 | 35.7% |
| AGE OF VICTIM | CY 2018 | | CY 2019 | | CY 2020 | | CY 2021 | | CY 2022 | |
| 0 -9 | 5 | 7.0% | 0 | 0.0% | 1 | 2.0% | 6 | 9.5% | 1 | 1.4% |
| 10 - 17 | 0 | 0.0% | 1 | 1.5% | 0 | 0.0% | 3 | 4.8% | 0 | 0.0% |
| 18 - 29 | 2 | 2.8% | 4 | 6.2% | 5 | 9.8% | 8 | 12.7% | 4 | 5.7% |
| 30 - 49 | 15 | 21.1% | 14 | 21.5% | 7 | 13.7% | 9 | 14.3% | 18 | 25.7% |
| 50 - 69 | 23 | 32.4% | 26 | 40.0% | 18 | 35.3% | 23 | 36.5% | 26 | 37.1% |
| 70 - 89 | 22 | 31.0% | 14 | 21.5% | 18 | 35.3% | 13 | 20.6% | 19 | 27.1% |
| 90 - 100 | 4 | 5.6% | 6 | 9.2% | 2 | 3.9% | 1 | 1.6% | 2 | 2.9% |
| >100 | 0 | 0.0% | 0 | 0.0% | 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 2018 | | CY 2019 | | CY 2020 | | CY 2021 | | CY 2022 | |
|-------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 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 | 35 | 49.3% | 22 | 33.8% | 24 | 47.1% | 21 | 33.3% | 27 | 38.6% |
| American Indian or Alaskan Native | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| Asian | 1 | 1.4% | 0 | 0.0% | 1 | 2.0% | 1 | 1.6% | 3 | 4.3% |
| Native Hawaiian or Pacific Islander | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| Caucasian | 35 | 49.3% | 43 | 66.2% | 26 | 51.0% | 41 | 65.1% | 40 | 57.1% |
| 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% |
| TOTAL DEATHS | 71 | 100.0% | 65 | 100.0% | 51 | 100.0% | 63 | 100.0% | 70 | 100.0% |

| STRUCTURE YEAR | CY 2018 | | CY 2019 | | CY 2020 | | CY 2021 | | CY 2022 | |
|---------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 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% | 1 | 1.6% | 1 | 1.4% |
| 6 - 10 YEARS | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 1 | 1.4% |
| 11 - 15 YEARS | 0 | 0.0% | 0 | 0.0% | 1 | 2.0% | 1 | 1.6% | 0 | 0.0% |
| 16 -20 YEARS | 0 | 0.0% | 2 | 3.1% | 1 | 2.0% | 1 | 1.6% | 0 | 0.0% |
| 21 - 25 YEARS | 1 | 1.4% | 3 | 4.6% | 1 | 2.0% | 0 | 0.0% | 3 | 4.3% |
| 26 - 30 YEARS | 2 | 2.8% | 1 | 1.5% | 0 | 0.0% | 1 | 1.6% | 2 | 2.9% |
| 31 - 35 YEARS | 3 | 4.2% | 2 | 3.1% | 2 | 3.9% | 2 | 3.2% | 1 | 1.4% |
| 36 - 40 YEARS | 3 | 4.2% | 1 | 1.5% | 3 | 5.9% | 1 | 1.6% | 5 | 7.1% |
| 41 -45 YEARS | 1 | 1.4% | 5 | 7.7% | 3 | 5.9% | 2 | 3.2% | 2 | 2.9% |
| 46 - 50 YEARS | 9 | 12.7% | 1 | 1.5% | 2 | 3.9% | 3 | 4.8% | 2 | 2.9% |
| > 50 YEARS | 30 | 42.3% | 26 | 40.0% | 20 | 39.2% | 40 | 63.5% | 31 | 44.3% |
| Non-Structure | 12 | 16.9% | 12 | 18.5% | 18 | 35.3% | 10 | 15.9% | 18 | 25.7% |
| Not Reported/Unk | 10 | 14.1% | 12 | 18.5% | 0 | 0.0% | 1 | 1.6% | 4 | 5.7% |
| TOTAL DEATHS | 71 | 100.0% | 65 | 100.0% | 51 | 100.0% | 63 | 100.0% | 70 | 100.0% |

Office of the Maryland State Fire Marshal

FIRE DEATHS IN MARYLAND

| LOCATION OF FIRE | CY 2018 | | CY 2019 | | CY 2020 | | CY 2021 | | CY 2022 | |
|-------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 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/Dwelling | 44 | 62.0% | 38 | 58.5% | 26 | 51.0% | 38 | 60.3% | 41 | 58.6% |
| Apartment | 7 | 9.9% | 6 | 9.2% | 5 | 9.8% | 9 | 14.3% | 7 | 10.0% |
| Mobile Home/Trailer/RV-as Res | 0 | 0.0% | 4 | 6.2% | 2 | 3.9% | 3 | 4.8% | 4 | 5.7% |
| Outside/Tent/Shed | 0 | 0.0% | 1 | 1.5% | 1 | 2.0% | 1 | 1.6% | 2 | 2.9% |
| Vehicle/Road | 6 | 8.5% | 8 | 12.3% | 13 | 25.5% | 7 | 11.1% | 10 | 14.3% |
| Hotel/Nursing Home/Hosp. | 7 | 9.9% | 4 | 6.2% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| Commercial/Other/Victim | 7 | 9.9% | 4 | 6.2% | 4 | 7.8% | 5 | 7.9% | 6 | 8.6% |
| TOTAL DEATHS | 71 | 100.0% | 65 | 100.0% | 51 | 100.0% | 63 | 100.0% | 70 | 100.0% |

*Includes two separate fires/cases where victim was utilizing RV as residence

*Includes one separate fire/case where victim was utilizing Shed as residence

| AREA OF FIRE ORIGIN | CY 2018 | | CY 2019 | | CY 2020 | | CY 2021 | | CY 2022 | |
|--------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 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 |
| Bedroom | 20 | 28.2% | 10 | 15.4% | 6 | 11.8% | 8 | 12.7% | 9 | 12.9% |
| Living Space | 8 | 11.3% | 12 | 18.5% | 5 | 9.8% | 11 | 17.5% | 10 | 14.3% |
| Kitchen | 5 | 7.0% | 12 | 18.5% | 3 | 5.9% | 6 | 9.5% | 7 | 10.0% |
| Outside/Yard | 1 | 1.4% | 3 | 4.6% | 2 | 3.9% | 3 | 4.8% | 5 | 7.1% |
| Vehicle/Boat/Plane/RV | 6 | 8.5% | 8 | 12.3% | 13 | 25.5% | 7 | 11.1% | 10 | 14.3% |
| Basement/Utility Room | 6 | 8.5% | 3 | 4.6% | 10 | 19.6% | 5 | 7.9% | 1 | 1.4% |
| 1st Floor/2nd Floor/Use Undet | 1 | 1.4% | 4 | 6.2% | 3 | 5.9% | 5 | 7.9% | 3 | 4.3% |
| Porch/Balcony/Deck/AttdGarage | 4 | 5.6% | 1 | 1.5% | 2 | 3.9% | 4 | 6.3% | 3 | 4.3% |
| Shed/Out-Building/Out Garage | 0 | 0.0% | 1 | 1.5% | 0 | 0.0% | 1 | 1.6% | 1 | 1.4% |
| Victim | 6 | 8.5% | 1 | 1.5% | 3 | 5.9% | 1 | 1.6% | 2 | 2.9% |
| Dining Room | 5 | 7.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 1 | 1.4% |
| Laundry Room | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| Bathroom | 1 | 1.4% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 4 | 5.7% |
| Hallway/Entrance/Foyer/Stairwa | 2 | 2.8% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 1 | 1.4% |
| Other/Under Inv/Undet. | 6 | 8.5% | 10 | 15.4% | 4 | 7.8% | 12 | 19.0% | 13 | 18.6% |

| | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|

| SMOKE ALARM STATUS | CY 2018 | | CY 2019 | | CY 2020 | | CY 2021 | | CY 2022 | |
|-------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 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 |
| Present/Operated | 20 | 28.2% | 11 | 16.9% | 9 | 17.6% | 15 | 23.8% | 14 | 20.0% |
| Present/Did Not Operate | 10 | 14.1% | 7 | 10.8% | 2 | 3.9% | 11 | 17.5% | 3 | 4.3% |
| Present/Function Undetermined | 8 | 11.3% | 11 | 16.9% | 4 | 7.8% | 4 | 6.3% | 7 | 10.0% |
| NO ALARM PRESENT | 8 | 11.3% | 13 | 20.0% | 9 | 17.6% | 13 | 20.6% | 17 | 24.3% |
| Fire too Small/Non-Structure | 12 | 16.9% | 13 | 20.0% | 17 | 33.3% | 12 | 19.0% | 17 | 24.3% |
| Undetermined | 13 | 18.3% | 10 | 15.4% | 10 | 19.6% | 8 | 12.7% | 12 | 17.1% |

*Included one fire in a non-residential business

*No Alarm Present Category included two separate fires whereby case #1 a shed and case #2 a travel trailer had been converted to living space

*Undetermined Category included one fire whereby a travel trailer had been converted to living space

Office of the Maryland State Fire Marshal

FIRE DEATHS IN MARYLAND

| TIME OF ALARM | CY 2018 | | CY 2019 | | CY 2020 | | CY 2021 | | CY 2022 | |
|---------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 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 | 10 | 14.1% | 6 | 9.2% | 6 | 11.8% | 12 | 19.0% | 2 | 2.9% |
| 0200 - 0359 | 10 | 14.1% | 8 | 12.3% | 3 | 5.9% | 10 | 15.9% | 6 | 8.6% |
| 0400 - 0559 | 7 | 9.9% | 4 | 6.2% | 7 | 13.7% | 4 | 6.3% | 4 | 5.7% |
| 0600 - 0759 | 3 | 4.2% | 3 | 4.6% | 5 | 9.8% | 2 | 3.2% | 8 | 11.4% |
| 0800 - 0959 | 4 | 5.6% | 2 | 3.1% | 2 | 3.9% | 1 | 1.6% | 6 | 8.6% |
| 1000 - 1159 | 1 | 1.4% | 2 | 3.1% | 7 | 13.7% | 6 | 9.5% | 2 | 2.9% |
| 1200 - 1359 | 2 | 2.8% | 7 | 10.8% | 5 | 9.8% | 6 | 9.5% | 8 | 11.4% |
| 1400 - 1559 | 3 | 4.2% | 4 | 6.2% | 3 | 5.9% | 3 | 4.8% | 6 | 8.6% |
| 1600 - 1759 | 0 | 0.0% | 8 | 12.3% | 2 | 3.9% | 6 | 9.5% | 5 | 7.1% |
| 1800 - 1959 | 8 | 11.3% | 10 | 15.4% | 2 | 3.9% | 7 | 11.1% | 7 | 10.0% |
| 2000 - 2159 | 7 | 9.9% | 4 | 6.2% | 2 | 3.9% | 4 | 6.3% | 6 | 8.6% |
| 2200 - 2400 | 16 | 22.5% | 7 | 10.8% | 7 | 13.7% | 2 | 3.2% | 10 | 14.3% |
| TOTAL DEATHS | 71 | 100.0% | 65 | 100.0% | 51 | 100.0% | 63 | 100.0% | 70 | 100.0% |

| DAY OF WEEK | CY 2018 | | CY 2019 | | CY 2020 | | CY 2021 | | CY 2022 | |
|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 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 | 12.7% | 13 | 20.0% | 4 | 7.8% | 9 | 14.3% | 5 | 7.1% |
| Monday | 8 | 11.3% | 12 | 18.5% | 8 | 15.7% | 13 | 20.6% | 15 | 21.4% |
| Tuesday | 9 | 12.7% | 6 | 9.2% | 4 | 7.8% | 9 | 14.3% | 9 | 12.9% |
| Wednesday | 12 | 16.9% | 11 | 16.9% | 7 | 13.7% | 8 | 12.7% | 9 | 12.9% |
| Thursday | 15 | 21.1% | 14 | 21.5% | 10 | 19.6% | 7 | 11.1% | 11 | 15.7% |
| Friday | 7 | 9.9% | 3 | 4.6% | 10 | 19.6% | 6 | 9.5% | 9 | 12.9% |
| Saturday | 11 | 15.5% | 6 | 9.2% | 8 | 15.7% | 11 | 17.5% | 12 | 17.1% |

| BY MONTH | CY 2018 | | CY 2019 | | CY 2020 | | CY 2021 | | CY 2022 | |
|-----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 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 | 5 | 7.0% | 10 | 15.4% | 2 | 3.9% | 8 | 12.7% | 12 | 17.1% |
| February | 3 | 4.2% | 7 | 10.8% | 4 | 7.8% | 9 | 14.3% | 3 | 4.3% |
| March | 14 | 19.7% | 2 | 3.1% | 5 | 9.8% | 2 | 3.2% | 6 | 8.6% |
| April | 8 | 11.3% | 7 | 10.8% | 3 | 5.9% | 7 | 11.1% | 8 | 11.4% |
| May | 5 | 7.0% | 10 | 15.4% | 7 | 13.7% | 8 | 12.7% | 7 | 10.0% |
| June | 4 | 5.6% | 3 | 4.6% | 3 | 5.9% | 2 | 3.2% | 3 | 4.3% |
| July | 3 | 4.2% | 2 | 3.1% | 8 | 15.7% | 9 | 14.3% | 3 | 4.3% |
| August | 4 | 5.6% | 0 | 0.0% | 2 | 3.9% | 2 | 3.2% | 5 | 7.1% |
| September | 6 | 8.5% | 6 | 9.2% | 4 | 7.8% | 2 | 3.2% | 4 | 5.7% |
| October | 2 | 2.8% | 3 | 4.6% | 2 | 3.9% | 2 | 3.2% | 4 | 5.7% |
| November | 10 | 14.1% | 7 | 10.8% | 6 | 11.8% | 5 | 7.9% | 7 | 10.0% |
| December | 7 | 9.9% | 8 | 12.3% | 5 | 9.8% | 7 | 11.1% | 8 | 11.4% |

Office of the State Fire Marshal

FIRE DEATHS IN MARYLAND

| COUNTY | CY 2018 | CY 2019 | CY 2020 | CY 2021 | CY 2022 | 5-Year Average | Percent of State Total | 5 YR FIRE DEATH RATE* | % of Total Deaths 2021* |
|--------------------------|-----------|-----------|-----------|-----------|-----------|----------------|------------------------|-----------------------|-------------------------|
| Allegany | 1 | 1 | 0 | 3 | 1 | 1.2 | 1.9% | 1.8 | 1.4% |
| Anne Arundel | 6 | 5 | 3 | 2 | 7 | 4.6 | 7.2% | 0.8 | 10.0% |
| Baltimore City | 13 | 16 | 10 | 12 | 15 | 13.2 | 20.6% | 2.3 | 21.4% |
| Baltimore County | 12 | 14 | 7 | 8 | 8 | 9.8 | 15.3% | 1.2 | 11.4% |
| Calvert | 1 | 2 | 1 | 0 | 1 | 1.0 | 1.6% | 1.1 | 1.4% |
| Caroline | 1 | 0 | 2 | 1 | 0 | 0.8 | 1.3% | 2.4 | 0.0% |
| Carroll | 3 | 2 | 0 | 1 | 3 | 1.8 | 2.8% | 1.0 | 4.3% |
| Cecil | 1 | 1 | 1 | 0 | 1 | 0.8 | 1.3% | 0.8 | 1.4% |
| Charles | 3 | 2 | 0 | 2 | 4 | 2.2 | 3.4% | 1.3 | 5.7% |
| Dorchester | 0 | 0 | 0 | 3 | 4 | 1.4 | 2.2% | 4.2 | 5.7% |
| Frederick | 1 | 3 | 0 | 2 | 2 | 1.6 | 2.5% | 0.6 | 2.9% |
| Garrett | 0 | 2 | 0 | 2 | 2 | 1.2 | 1.9% | 4.2 | 2.9% |
| Harford | 0 | 6 | 2 | 1 | 4 | 2.6 | 4.1% | 1.0 | 5.7% |
| Howard | 3 | 0 | 0 | 1 | 3 | 1.4 | 2.2% | 0.4 | 4.3% |
| Kent | 0 | 1 | 0 | 0 | 0 | 0.2 | 0.3% | 1.0 | 0.0% |
| Montgomery | 3 | 1 | 7 | 5 | 4 | 4.0 | 6.3% | 0.4 | 5.7% |
| Prince George's | 14 | 4 | 12 | 11 | 6 | 9.4 | 14.7% | 1.0 | 8.6% |
| Queen Anne's | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0% | 0.0 | 0.0% |
| St. Mary's | 3 | 0 | 1 | 1 | 0 | 1.0 | 1.6% | 0.9 | 0.0% |
| Somerset | 1 | 0 | 1 | 0 | 0 | 0.4 | 0.6% | 1.6 | 0.0% |
| Talbot | 2 | 1 | 1 | 0 | 1 | 1.0 | 1.6% | 2.6 | 1.4% |
| Washington | 3 | 1 | 3 | 5 | 1 | 2.6 | 4.1% | 1.7 | 1.4% |
| Wicomico | 0 | 1 | 0 | 2 | 1 | 0.8 | 1.3% | 0.8 | 1.4% |
| Worcester | 0 | 2 | 0 | 1 | 2 | 1.0 | 1.6% | 1.9 | 2.9% |
| | | 0 | | | | | | | |
| TOTAL FIRE DEATHS | 71 | 65 | 51 | 63 | 70 | 64.0 | 100.0% | 1.0 | 100.0% |

FIRE DEATH RATE** 1.15 1.05 0.83 1.02 1.14 1.04

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

**Rates are based on the 2022 estimated United States CENSUS

Office of the State Fire Marshal

FIRE DEATHS IN MARYLAND

| COUNTY | FATAL FIRES CY 2022 | DEATHS CY 2022 | FATAL FIRE RATE* 100,000 | % of Total Fatal Fires 2022 | DEATH RATE* 100,000 | DEATH RATE* 1,000,000 | % of Total Deaths 2022 |
|--------------------------|---------------------|----------------|--------------------------|-----------------------------|---------------------|-----------------------|------------------------|
| Allegany | 1 | 1 | 14.9 | 1.5% | 14.9 | 0.1 | 1.4% |
| Anne Arundel | 7 | 7 | 11.8 | 10.8% | 11.8 | 0.6 | 10.0% |
| Baltimore City | 13 | 15 | 22.8 | 20.0% | 26.3 | 0.6 | 21.4% |
| Baltimore County | 8 | 8 | 9.5 | 12.3% | 9.5 | 0.8 | 11.4% |
| Calvert | 1 | 1 | 10.6 | 1.5% | 10.6 | 0.1 | 1.4% |
| Caroline | 0 | 0 | 0.0 | 0.0% | 0.0 | 0.0 | 0.0% |
| Carroll | 3 | 3 | 17.1 | 4.6% | 17.1 | 0.2 | 4.3% |
| Cecil | 1 | 1 | 9.5 | 1.5% | 9.5 | 0.1 | 1.4% |
| Charles | 3 | 4 | 17.6 | 4.6% | 23.5 | 0.2 | 5.7% |
| Dorchester | 3 | 4 | 89.0 | 4.6% | 118.6 | 0.0 | 5.7% |
| Frederick | 2 | 2 | 7.0 | 3.1% | 7.0 | 0.3 | 2.9% |
| Garrett | 2 | 2 | 70.0 | 3.1% | 70.0 | 0.0 | 2.9% |
| Harford | 4 | 4 | 15.2 | 6.2% | 15.2 | 0.3 | 5.7% |
| Howard | 3 | 3 | 8.9 | 4.6% | 8.9 | 0.3 | 4.3% |
| Kent | 0 | 0 | 0.0 | 0.0% | 0.0 | 0.0 | 0.0% |
| Montgomery | 4 | 4 | 3.8 | 6.2% | 3.8 | 1.1 | 5.7% |
| Prince George's | 5 | 6 | 5.3 | 7.7% | 6.3 | 0.9 | 8.6% |
| Queen Anne's | 0 | 0 | 0.0 | 0.0% | 0.0 | 0.0 | 0.0% |
| St. Mary's | 0 | 0 | 0.0 | 0.0% | 0.0 | 0.0 | 0.0% |
| Somerset | 0 | 0 | 0.0 | 0.0% | 0.0 | 0.0 | 0.0% |
| Talbot | 1 | 1 | 26.4 | 1.5% | 26.4 | 0.0 | 1.4% |
| Washington | 1 | 1 | 6.4 | 1.5% | 6.4 | 0.2 | 1.4% |
| Wicomico | 1 | 1 | 9.6 | 1.5% | 9.6 | 0.1 | 1.4% |
| Worcester | 2 | 2 | 37.1 | 3.1% | 37.1 | 0.1 | 2.9% |
| TOTAL FIRE DEATHS | 65 | 70 | 10.54 | 100.0% | 11.4 | 6.2 | 100.0% |

Office of the Maryland State Fire Marshal

FIRE DEATHS IN MARYLAND

| | 2022 | | | | | | 2021 | | | | | | 2020 | | | | | |
|--------------|-------------------|-------------|---------------------|------------------|--------------|----------------------|-------------------|-------------|---------------------|------------------|--------------|----------------------|-------------------|-------------|---------------------|------------------|--------------|----------------------|
| | 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 | 2 | 9 | 22.2% | 5 | 12 | 41.7% | 1 | 7 | 14.3% | 2 | 8 | 25.0% | 0 | 2 | 0.0% | 0 | 2 | 0.0% |
| Feb | 0 | 3 | 0.0% | 0 | 3 | 0.0% | 1 | 7 | 14.3% | 3 | 9 | 33.3% | 0 | 4 | 0.0% | 0 | 4 | 0.0% |
| Mar | 0 | 6 | 0.0% | 0 | 6 | 0.0% | 1 | 1 | 100.0% | 2 | 2 | 100.0% | 0 | 5 | 0.0% | 0 | 5 | 0.0% |
| April | 1 | 7 | 14.3% | 2 | 8 | 25.0% | 1 | 5 | 20.0% | 3 | 7 | 42.9% | 0 | 3 | 0.0% | 0 | 3 | 0.0% |
| May | 1 | 6 | 16.7% | 2 | 7 | 28.6% | 0 | 8 | 0.0% | 0 | 8 | 0.0% | 0 | 7 | 0.0% | 0 | 7 | 0.0% |
| Jun | 0 | 3 | 0.0% | 0 | 3 | 0.0% | 0 | 2 | 0.0% | 0 | 2 | 0.0% | 0 | 3 | 0.0% | 0 | 3 | 0.0% |
| Jul | 0 | 3 | 0.0% | 0 | 3 | 0.0% | 1 | 7 | 14.3% | 3 | 9 | 33.3% | 1 | 7 | 14.3% | 2 | 8 | 25.0% |
| Aug | 0 | 5 | 0.0% | 0 | 5 | 0.0% | 0 | 2 | 0.0% | 0 | 2 | 0.0% | 0 | 2 | 0.0% | 0 | 2 | 0.0% |
| Sep | 0 | 4 | 0.0% | 0 | 4 | 0.0% | 0 | 2 | 0.0% | 0 | 2 | 0.0% | 0 | 4 | 0.0% | 0 | 4 | 0.0% |
| Oct | 0 | 4 | 0.0% | 0 | 4 | 0.0% | 0 | 2 | 0.0% | 0 | 2 | 0.0% | 0 | 2 | 0.0% | 0 | 2 | 0.0% |
| Nov | 0 | 7 | 0.0% | 0 | 7 | 0.0% | 1 | 3 | 33.3% | 3 | 5 | 60.0% | 1 | 5 | 20.0% | 2 | 6 | 33.3% |
| Dec | 0 | 8 | 0.0% | 0 | 8 | 0.0% | 1 | 6 | 16.7% | 2 | 7 | 28.6% | 0 | 5 | 0.0% | 0 | 5 | 0.0% |
| TOTAL | 4 | 65 | 6.2% | 9 | 70 | 12.9% | 7 | 52 | 13.5% | 18 | 63 | 28.6% | 2 | 49 | 4.1% | 4 | 51 | 7.8% |

| | 2019 | | | | | | 2018 | | | | | | 2017 | | | | | |
|--------------|-------------------|-------------|---------------------|------------------|--------------|----------------------|-------------------|-------------|---------------------|------------------|--------------|----------------------|-------------------|-------------|---------------------|------------------|--------------|----------------------|
| | 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 | 10 | 0.0% | 0 | 10 | 0.0% | 1 | 4 | 25.0% | 2 | 5 | 40.0% | 1 | 6 | 16.7% | 6 | 11 | 54.5% |
| Feb | 0 | 7 | 0.0% | 0 | 7 | 0.0% | 0 | 3 | 0.0% | 0 | 3 | 0.0% | 0 | 4 | 0.0% | 0 | 4 | 0.0% |
| Mar | 0 | 2 | 0.0% | 0 | 2 | 0.0% | 5 | 9 | 55.6% | 10 | 14 | 71.4% | 2 | 9 | 22.2% | 6 | 13 | 46.2% |
| April | 1 | 6 | 16.7% | 2 | 7 | 28.6% | 1 | 6 | 16.7% | 3 | 8 | 37.5% | 0 | 5 | 0.0% | 0 | 5 | 0.0% |
| May | 2 | 6 | 33.3% | 6 | 10 | 60.0% | 0 | 5 | 0.0% | 0 | 5 | 0.0% | 0 | 1 | 0.0% | 0 | 1 | 0.0% |
| Jun | 0 | 3 | 0.0% | 0 | 3 | 0.0% | 0 | 4 | 0.0% | 0 | 4 | 0.0% | 0 | 4 | 0.0% | 0 | 4 | 0.0% |
| Jul | 0 | 2 | 0.0% | 0 | 2 | 0.0% | 0 | 3 | 0.0% | 0 | 3 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| Aug | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 4 | 0.0% | 0 | 4 | 0.0% | 2 | 4 | 50.0% | 5 | 7 | 71.4% |
| Sep | 0 | 6 | 0.0% | 0 | 6 | 0.0% | 0 | 6 | 0.0% | 0 | 6 | 0.0% | 0 | 3 | 0.0% | 0 | 3 | 0.0% |
| Oct | 1 | 2 | 50.0% | 2 | 3 | 66.7% | 0 | 2 | 0.0% | 0 | 2 | 0.0% | 1 | 4 | 25.0% | 2 | 5 | 40.0% |
| Nov | 1 | 6 | 16.7% | 2 | 7 | 28.6% | 1 | 9 | 11.1% | 2 | 10 | 20.0% | 2 | 9 | 22.2% | 4 | 11 | 36.4% |
| Dec | 0 | 8 | 0.0% | 0 | 8 | 0.0% | 0 | 7 | 0.0% | 0 | 7 | 0.0% | 1 | 5 | 20.0% | 3 | 7 | 42.9% |
| TOTAL | 5 | 58 | 8.6% | 12 | 65 | 18.5% | 8 | 62 | 12.9% | 17 | 71 | 23.9% | 9 | 54 | 16.7% | 26 | 71 | 36.6% |

NOTES