



State of Illinois  
Office of the Illinois  
State Fire Marshal

# 2022 Annual Report



Partnering with the Fire Service to Protect Illinois

# Message From The State Fire Marshal



## To Governor JB Pritzker, the Honorable Members of the General Assembly, and the Citizens of the State of Illinois:

I am pleased to present the 2022 Annual Report for the Office of the Illinois State Fire Marshal (OSFM).

In the face of the ongoing challenges brought on by the COVID pandemic, the OSFM has continued to meet the public safety mission of the Agency. Some examples of that success include:

- Conducting more than 70,000 inspections, and in so doing reducing the risks to Illinois citizens from potential fire dangers, boiler and pressure vessel explosions, elevator accidents, and protecting the environment from potential environmental hazards from leaking underground storage tanks
- Closing 48 arson investigations with an arrest
- Providing more than \$3 million for firefighter training to fire departments across the State of Illinois, as well as \$2.5 million for small firefighting equipment.
- Collaborating with the Illinois Fire Service Institute at the University of Illinois to establish a Blended Basic Firefighter Operations Academy that allows volunteer firefighters to receive certification through OSFM at no cost. This Academy combines online learning and hands on training at regional facilities every other weekend.

I am proud of the work we have done over the past year and I would like to thank the staff of OSFM for their dedicated service to the Agency and for their continued professionalism in serving the citizens of Illinois. Finally, I would like to thank Governor Pritzker and the General Assembly for the budgetary appropriations which allow our agency to properly serve the residents and firefighters of Illinois.

A handwritten signature in black ink that reads "Dale Simpson". The signature is written in a cursive, flowing style.

Dale Simpson  
Acting State Fire Marshal

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# Agency Overview

## History

The Office of the Illinois State Fire Marshal was created through an Act of the General Assembly on June 15, 1909. The Act required the Governor to appoint a State Fire Marshal who would be responsible for overseeing the Agency. The initial charge to the agency was to inspect buildings to ensure they were safe from dangerous conditions, as well as to conduct cause and origin investigations of fires and, if evidence existed, to require the arrest of individuals for the crime of arson. In order to fund the operations of the agency, the General Assembly established a tax to be paid by insurance companies on the gross premium receipts collected on fire insurance policies. This tax still exists today and remains the primary funding source for the agency.

Over the course of the next century, the mission of the Office of the Illinois State Fire Marshal was expanded to require the Agency to ensure the safety of Illinois citizens from other potential dangers, including regulating boilers and pressure vessels, elevators, fire prevention related industries, pyrotechnics, and underground and aboveground storage tanks, as well as by providing education, training and certifications to firefighters who choose to participate in such programs. Additionally, the Agency makes grants and loans available to the fire service for training and equipment needs.

Today the Agency is responsible for meeting or enforcing mandates contained in more than 40 state and federal statutes as well as the numerous rules associated with those statutes.

To learn more about the Office of the Illinois State Fire Marshal visit our website at <https://sfm.illinois.gov/>. You can see a short video about our office at <https://www2.illinois.gov/sites/sfm/About/Pages/OSFM-Video.aspx>

## Agency Mission

The Office of the Illinois State Fire Marshal is dedicated to working with our partners and providing assistance to the fire service in the protection of life, property and the environment through communication, inspection, investigation, certification and licensing.

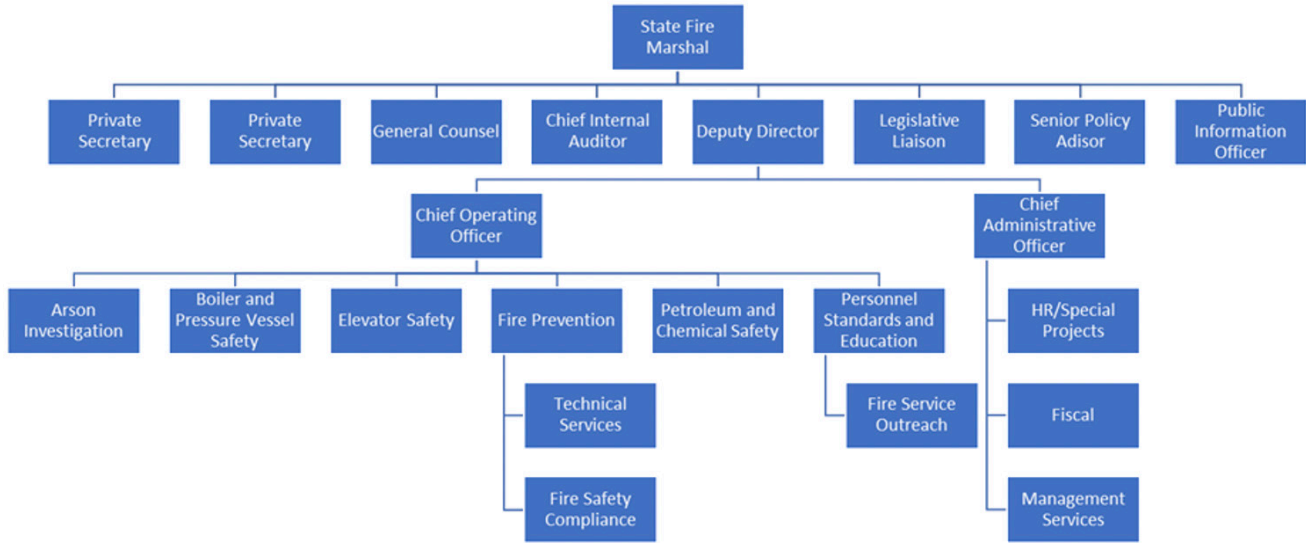
## Core Values

Integrity • Commitment to Excellence • Service • Respect • Teamwork



State of Illinois  
OFFICE OF THE ILLINOIS  
STATE FIRE MARSHAL

# Organizational Structure



## Financial Information

\$ Actual	FY22 Expenditures	FY23 Appropriation
<b>Fire Prevention Fund (047)</b>		
Personal Services	\$10,853,435	\$12,962,900
Retirement	\$6,100,877	\$6,453,600
Social Security	\$686,350	\$886,000
Group Insurance	\$2,648,601	\$3,346,900
<b><i>Subtotal - Personal Services and Related</i></b>	<b><i>\$20,289,263</i></b>	<b><i>\$23,649,400</i></b>
Contractual Services	\$1,199,429	\$1,150,100
Travel	\$110,075	\$100,000
Commodities	\$108,145	\$121,000
Printing	\$31,661	\$19,600
Equipment	\$82,289	\$935,000
Electronic Data Processing	\$2,267,586	\$2,410,700
Telecommunications	\$239,434	\$234,000
Operation of Automotive Equipment	\$307,978	\$240,000
Refunds	\$800	\$5,000
<b><i>Subtotal - Other Operations</i></b>	<b><i>\$4,347,397</i></b>	<b><i>\$5,215,400</i></b>
Electronic Firefighter Certification Testing	\$157,574	\$590,000
Firefighter Online Training Management System	\$380,000	\$380,000
<b><i>Subtotal - Lump Sums</i></b>	<b><i>\$537,574</i></b>	<b><i>\$970,000</i></b>
COVID Assistance Grant	\$327,166	\$0
Chicago Firefighter Training Grant	\$3,279,800	\$3,418,200
Community Risk Reduction	\$17,660	\$70,000
Cornerstone	\$350,000	\$350,000
Explorer-Cadet School	\$0	\$0
Firefighter Training Programs - Illinois Fire Service Institute	\$65,000	\$65,000
Firefighter Training Reimbursement	\$230,000	\$230,000
Supplemental Firefighter Training Reimbursement	\$1,450,000	\$1,450,000
Hazmat Emergency Response Reimbursement	\$0	\$10,000
Illinois Firefighter Peer Support	\$60,000	\$60,000
Minimum Basic Firefighter Training	\$1,000,000	\$700,000

<b>\$ Actual</b>	<b>FY22 Expenditures</b>	<b>FY23 Appropriation</b>
Mutual Aid Box Alarm System	\$240,000	\$180,000
New Fire District Grant	\$0	\$500
Senior Officer Training	\$0	\$55,000
Small Equipment Grant	\$2,499,930	\$1,500,000
<b><i>Subtotal - Grants</i></b>	<b><i>\$9,519,556</i></b>	<b><i>\$8,088,700</i></b>
Fire Museum Building Rehabilitation	\$0	\$2,500,000
<b><i>Subtotal - Capital</i></b>	<b><i>\$0</i></b>	<b><i>\$2,500,000</i></b>
<b>Total - Fire Prevention Fund (047)</b>	<b>\$34,693,790</b>	<b>\$40,423,500</b>

<b>\$ Actual</b>	<b>FY22 Expenditures</b>	<b>FY23 Appropriation</b>
<b>Underground Storage Tank Fund (072)</b>		
Personal Services	\$1,983,387	\$2,328,000
Retirement	\$1,104,276	\$1,239,900
Social Security	\$144,743	\$178,100
Group Insurance	\$429,586	\$654,600
<b><i>Subtotal - Personal Services and Related</i></b>	<b><i>\$3,661,993</i></b>	<b><i>\$4,400,600</i></b>
Contractual Services	\$223,638	\$231,800
Travel	\$2,515	\$8,300
Commodities	\$1,419	\$9,000
Printing	\$0	\$3,500
Equipment	\$1,018	\$10,000
Electronic Data Processing	\$0	\$10,500
Telecommunications	\$19,000	\$19,000
Operation of Automotive Equipment	\$67,100	\$67,100
Refunds	\$0	\$4,000
<b><i>Subtotal - Other Operations</i></b>	<b><i>\$314,690</i></b>	<b><i>\$363,200</i></b>
Chicago Underground Storage Tank Program	\$550,000	\$550,000
<b><i>Subtotal - Grants</i></b>	<b><i>\$550,000</i></b>	<b><i>\$550,000</i></b>
<b>Total - Underground Storage Tank Fund (072)</b>	<b>\$4,526,683</b>	<b>\$5,313,800</b>

<b>\$ Actual</b>	<b>FY22 Expenditures</b>	<b>FY23 Appropriation</b>
<b>Fire Fighter Memorial Fund (510)</b>		
Maintenance and Rehab of Fire Museum Building and for Museum Artifacts	\$0	\$75,000
Medal of Honor Ceremony, Scholarships and Firefighter Memorial Maintenance	\$200,000	\$200,000
<b>Total - Fire Fighter Memorial Fund (510)</b>	<b>\$200,000</b>	<b>\$275,000</b>

<b>\$ Actual</b>	<b>FY22 Expenditures</b>	<b>FY23 Appropriation</b>
<b>Fire Prevention Division Fund (580)</b>		
U.S. EPA Underground Storage Tank Program Grant	\$818,643	\$1,000,000
<b>Total - Fire Prevention Division Fund (580)</b>	<b>\$818,643</b>	<b>\$1,000,000</b>
<b>TOTAL - ALL FUNDS</b>	<b>\$40,239,116</b>	<b>\$47,012,300</b>
<b>General Funds</b>	<b>\$0</b>	<b>\$0</b>
<b>Other State Funds</b>	<b>\$39,420,473</b>	<b>\$46,012,300</b>
<b>Federal Funds</b>	<b>\$818,643</b>	<b>\$1,000,000</b>



# STRATEGIC PLAN

In 2018 the State Fire Marshal, Agency executive staff, and Agency managers engaged in a process to develop a 10- Year Strategic Plan for the Office of the Illinois State Fire Marshal. Taking the time to create a strategic plan is vital to the continued success of any agency as it provides a sense of direction and outlines measurable goals. The Agency released its Strategic Plan (2019-2029) in December 2018. OSFM will work on achieving four main goals over the next 10 years. Those strategic goals are:

- Improving Staff Competency By Investing In Them - We will increase training opportunities for all OSFM staff and consequently achieve greater competency, expertise, and resiliency within our agency.
- Enhance Our Ability To Communicate With Our Partners and Stakeholders - We will increase our public outreach efforts and capitalize on those relationships with our industry partners and stakeholders.
- Increase Our Productivity And Efficiency - We will reduce inefficiencies, adjust our staffing levels as necessary, and leverage Information Technology to our advantage.
- Advance Public Safety Interests By Assessing Emerging Threats And Vulnerabilities - We will monitor and assess developing threats and weaknesses that impact fire prevention, life safety, and the Illinois Fire Service.

The agency outlined 21 specific objectives and courses of action to be taken to meet the goals laid out in the Strategic Plan. OSFM will review this plan annually to ensure that our agency remains on track with the stated objectives and goals.

A copy of the agency's Strategic Plan can be found on our website at <https://sfm.illinois.gov/about/osfm-strategic-plan.html>



# OSFM Diversity, Equity, and Inclusion



OSFM has taken significant action to advance diversity, equity and inclusion (DEI) within its organizational culture. *Acceptance of all, access for all, and participation by all* are our guiding principles. We have affirmed our commitment to DEI through memorialized policy and by creating essential infrastructure. Our DEI goals are firmly incorporated into our Agency's strategic plan. These goals are both internally and externally focused. Our progress and outcomes are measured utilizing relevant universal and industry specific metrics coupled with direct feedback from Agency staff as well as our regulatory stakeholders. Furthermore, the first OSFM Diversity Officer is now with the Agency, reflecting OSFM's commitment to DEI efforts.

During the past year OSFM accomplished various DEI objectives. The Agency DEI Peer to Peer working group met monthly to discuss, recommend and implement ideas supportive of a safe and inclusive work environment. Agency staff attended monthly DEI meetings lead by the Illinois Department of Human Rights and the Governor's Office of Equity. The state's overall DEI communication strategy began to take effect at OSFM through updating of Agency language goals with the aim of offering better language inclusivity and access to all demographic groups.

As we embark on a new year, OSFM has put forward an extensive DEI plan for 2023. OSFM external goals focus on engaging with the most marginalized communities in our state via the grassroots model. OSFM plans to build genuine relationships with community-based groups and trusted community partners located in black and brown communities. The Agency will tailor its resources to fit the needs of targeted communities through bilingual presentations and print media, ease of accessibility, and workshops. External vendors that have experience in being supportive of and willing to work in targeted communities will be prioritized. OSFM's vision is to be a true trusted partner informing communities of color about the great work we do and our focus on public safety. OSFM also plans to attend job fairs located in communities of color in order to make connections with new partners in those communities. OSFM will also research barriers in these communities to try to capture ways to better facilitate entry into fire service roles by members of those communities.

Our internal efforts will include action plans to help diversify the Agency workforce to more accurately reflect our state demographics. In addition, OSFM will sponsor quarterly internal DEI learning seminars with the intention of constructing a positive Agency culture, where each member can feel free to be their own true self. These seminars will serve the Agency by building a strong welcoming workplace for everyone. The seminars will also help to provide insights into demographic groups like LGBTQ+, Latinx, African American, Asian American, Native American, women, persons with disabilities, and more. Seminar topics will be strategically aligned with the DEI calendar. Internal staff members are welcome to share their stories, thus growing from each other and reducing biases.

The Governor's Office of Equity will be an essential partner in these efforts. The Governor's team had previously laid out six total goals to enable the Agency to address DEI needs. The new Agency Diversity Officer, in coordination with the Governor's Equity team, will collaborate during the year to effectively tackle each goal. Part of that effort will be achieved by the Agency inviting subject matter experts to present on DEI topics in our Agency seminars.

The OSFM looks forward to the coming year as we continue to work to achieve our DEI goals and objectives.

# Grants and Loans

## Small Fire-Fighting and Ambulance Service Equipment Grant Program

The Small Fire-Fighting and Ambulance Service Equipment Grant Program provides grants up to \$26,000 for the purchase of small firefighting and ambulance equipment by a fire department, fire protection district, township or volunteer fire department, non-profit, or stand-alone ambulance service. Applicants who are fire departments are required to have fully participated in the National Fire Incident Reporting System (NFIRS) for a minimum of two years immediately prior to the date of the grant application.

Applications are assessed using a blind review process by a committee which recommends grant awards based on equipment needs and financial need.

## 0% and Low-Interest Revolving Loan Programs

The Fire Truck Revolving Loan Program provides interest free and low-interest loans for the purchase of fire trucks or brush trucks by a fire department, fire protection district, or township fire department. Loans for fire trucks may not exceed \$350,000 and must be repaid within 20 years. Loans for brush trucks may not exceed \$100,000 and must be repaid within 10 years.

The Ambulance Revolving Loan Program provides interest free and low-interest loans for the purchase of ambulances by a fire department, fire protection district, or township fire department or non-profit ambulance service. Loans may not exceed \$200,000 and must be repaid within 10 years. Applicants who are fire departments are required to have fully participated in the National Fire Incident Reporting System (NFIRS) for a minimum of two years immediately prior to the date of the grant application. Eligible applications are assessed using a blind review process by a committee which recommends loans based on equipment need and financial need. Applications recommended for funding are forwarded to the Illinois Finance Authority for an evaluation of credit worthiness prior to funding a loan.



# Personnel Standards and Education

The Division of Personnel Standards and Education (DPSE) is responsible for the standardization and enhancement in the levels of education and training for firefighters and professionals in Illinois with the highest priorities placed on safety and career advancement. It operates under the mandate of the Illinois Fire Protection Training Act (50 ILCS 740), which provides for the promotion of standards to protect the health, safety and welfare of the public.

Fire Service Outreach in the Division serves as a point of contact for fire departments and our fire service partners with the purpose of ensuring good communication and support. Fire Service Outreach represents the OSFM at conferences and regional meetings to increase the Agency's visibility and accessibility and provides resources for fire departments to assist them in their fire safety education efforts.

The Division operates with 9 full-time and 8 intermittent (part-time) staff members.

The Division continues to update certification programs to comply with current National Fire Protection Association Standards and applicable needs of the fire service.

During 2022, the Division dispersed \$1,450,000 to local fire departments and fire protection districts in claims for reimbursement. The division processed 1,218 claims for a total of 115,505 hours of training to 112 departments.

The Division also processed 9,026 certifications and administered 8,475 examinations to Illinois firefighters.

## “Be Alarmed!” Smoke Alarm Program

The OSFM in cooperation with the Illinois Fire Safety Alliance operates the “Be Alarmed!” smoke alarm installation program. This program distributes smoke alarms, with 10-year sealed batteries, to Illinois fire departments to install in the homes of their at-risk citizens as well as fire safety education materials. The educational materials and smoke alarms are provided to fire departments at no cost.



### 2022 Statistics:

- 250 active Illinois fire departments from 61 different counties participated in the program.
- 4,680 10-year sealed battery smoke alarms were distributed to Illinois fire departments.
- \$112,320 worth of life-saving smoke alarms were distributed to Illinois fire departments.
- 3,560 10-year sealed battery smoke alarms were installed in Illinois homes.
- 1,233 Illinois homes are now protected by new smoke alarms.
- 66% of pre-existing smoke alarms in homes that received new 10-year sealed battery smoke alarms were found to be non-functional or were expired (1,592 of 2,406 pre-existing alarms).
- 2,808 Illinois residents, 1,551 of them classified as high-risk, were educated on smoke alarm maintenance, home fire safety, and home fire escape plans, as well as protected by new smoke alarms.

## National Fire Incident Reporting System (NFIRS)

The Illinois State NFIRS Program's mission is to serve local fire departments by providing training, analysis, account assistance, and reporting assistance in order to meet the goals set forth by the United States Fire Administration (USFA), the Office of the State Fire Marshal (OSFM), and the local departments. By having better quality data, the fire departments can better meet the safety needs of the community.

Illinois Fire Departments are required by the Fire Investigation Act (425 ILCS 25/6.1) to report all incidents, including medical incidents, to the National Fire Incident Reporting System (NFIRS) which is administered by the United States Fire Administration. Providing data to the OSFM and USFA allows fire departments to apply for and receive grant funding, improve budget and resource allocations, recruit and retain fire service personnel, and create assessments to reduce risks in their communities.

In 2022, Illinois fire departments were called to over 1.4 million incidents. 92 civilian lives were lost and over \$476 million in property damage resulted from fires.

Thanks to 1,035 fire departments reporting data to NFIRS, we can better understand our communities' need for fire department response.

## Illinois Fire Museum

The Illinois Fire Museum is located inside the State Fairgrounds in Springfield at Main and Central Avenue. The building was originally a fire station built in 1938 for the Illinois State Fair Fire Department and later the Springfield Fire Department. The museum is available for tours by appointment Monday through Friday and is open every day during the Illinois State Fair.

## Fire Equipment Exchange Program

The Fire Equipment Exchange Program provides a way in which fire departments, fire protection districts, and township fire departments can donate or sell equipment to, trade equipment with, or buy equipment from each other. The agency maintains a website that allows fire departments, fire protection districts, and township fire departments to post information and photographs about needed equipment and equipment that is available for trade, donation, or sale. The website may be found at <http://fireequipmentexchange.sfm.illinois.gov/>.

## State Fairs

The Division of Human Resources and Special Projects coordinates our office's presence at both the Springfield and Du Quoin State Fairs. In Springfield, personnel support the various fire service organizations as they provide fire safety information and entertainment to thousands of children. In Du Quoin, our office leads the fire safety campaign with assistance by local fire departments.



# 29th Annual Illinois Fallen Firefighter Memorial, Firefighter Medal of Honor Awards Ceremony

## Line of Duty Death Gold Badge

The Gold Badge is presented to the families of firefighters who died while in, or as a result of, the performance of their duty. Four families were each presented with a Line of Duty Death Gold Badge by the State Fire Marshal in the memory of their lost family member. The 2022 Line of Duty Death Gold Badge Honorees were:

**Firefighter Mehdi Mourad**, Wabash Fire Protection District  
**Firefighter/Paramedic Michael Pickering**, Chicago Fire Department  
**Firefighter/EMT MaShawn Plummer**, Chicago Fire Department  
**Lieutenant Garrett Ramos**, Sterling Fire Department

## Medal of Honor

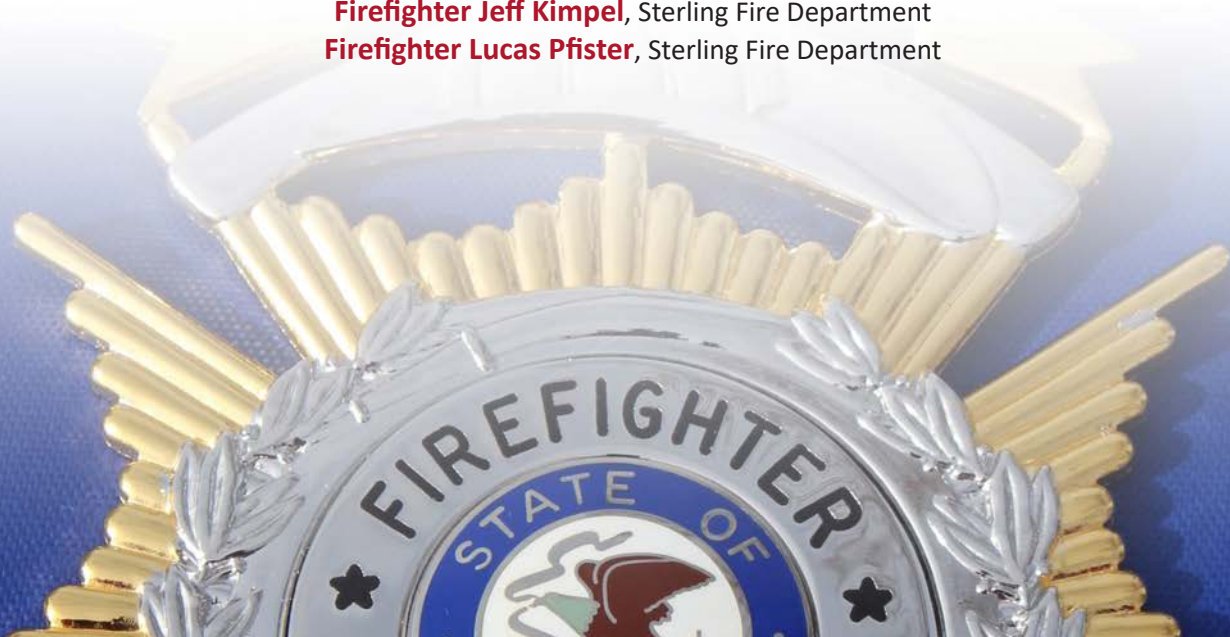
The Medal of Honor Award is the highest award given by the State of Illinois to a firefighter for an act of outstanding bravery or heroism, by which the firefighter has demonstrated in great degree the characteristics of selflessness and personal courage above and beyond the call of duty, under adverse conditions, with the possibility of extreme personal risk. The 2022 recipient of the Medal of Honor was:

**Lieutenant Brian Kulaga**, Cicero Fire Department

## Medal of Valor

The Medal of Valor award is given by the State of Illinois to a firefighter for an act of heroism or bravery that clearly demonstrated courage and dedication in the face of danger while in the performance of duty. The 2022 recipients of the Medal of Valor were:

**Firefighter/EMT Richard Drabik**, Chicago Fire Department  
**Firefighter/Paramedic Colin Fuhrmann**, Collinsville Fire Department  
**Lieutenant Chad Busick**, Danville Fire Department  
**Engineer Jason Milakovich**, Evergreen Park Fire Department  
**Lieutenant Adrian Avelar**, Sterling Fire Department  
**Firefighter Jeff Kimpel**, Sterling Fire Department  
**Firefighter Lucas Pfister**, Sterling Fire Department



## Firefighter Excellence Award

The Firefighter Excellence Award is awarded for an act of service in the line of duty, demonstrating excellence and professionalism in service to the citizens of the State of Illinois. The 2022 individuals awarded the Firefighter Excellence Award were:

**Firefighter Scott Hinko**, Calumet City Fire Department  
**Firefighter Drake Tate**, Centralia Fire Department  
**Engineer Ross Smith**, Centralia Fire Department  
**Engineer Brian Smith**, Champaign Fire Department  
**Firefighter Easton Hoskins**, Danville Fire Department  
**Captain James Pendergast**, Galesburg Fire Department  
**Firefighter Kyle Harms**, Galesburg Fire Department  
**Firefighter/PM Christopher Isabelli**, Lockport Township Fire Protection District  
**Firefighter/PM Dustin Vandermeir**, Lockport Township Fire Protection District  
**Firefighter/PM Steven Devaney**, South Holland Fire Department  
**Firefighter/PM Alex Heavey**, South Holland Fire Department  
**Firefighter/PM Justin Wenk**, South Holland Fire Department  
**Firefighter Luke DeYoung**, South Holland Fire Department  
**Lieutenant Garrett Ramos**, Sterling Fire Department  
**Firefighter Nick Hammer**, Sterling Fire Department

## Firefighter Excellence Unit Citation Award

The Firefighter Excellence Unit Citation Award is awarded for an act of service in the line of duty, demonstrating excellence, teamwork, and professionalism in service to the citizens of the State of Illinois. The 2022 departments awarded the Firefighter Excellence “Unit Citation” Award were:

**Bensenville Fire Protection District**  
**Calumet City Fire Department (2 incidents)**  
**Centralia Fire Department/Huey Ferris Boulder Fire Protection District**  
**Champaign Fire Department**  
**Chicago Fire Department**  
**Collinsville Fire Department**  
**Danville Fire Department**  
**Evergreen Park Fire Department**  
**Galesburg Fire Department**  
**Homer-Sidney Fire Protection District**  
**South Holland Fire Department/Glenwood Fire Department**

## Office of the State Fire Marshal Fire & Life Safety Award

The Fire & Life Safety Award is presented to recognize the extraordinary efforts in furtherance of fire prevention and life safety by fire departments, firefighters, and staff from the Office of the Illinois State Fire Marshal. There are three eligible recipient categories – Fire Departments/Fire Protection Districts/Township Fire Departments (may be a department or an individual), OSFM Operations Staff, and OSFM Administrative Staff – with awards given to one nominee from each category. Nominations for this award are due to OSFM by March 1 of each year. The 2022 recipients were:

**Anthony Rodkey**, Countryside Fire Protection District  
**Fred Schneller**, Office of the State Fire Marshal  
**Scott Johnson**, Office of the State Fire Marshal

# Legislative Affairs

## 2022 Statute Changes

The OSFM introduced the following legislation:

- P.A. 102-0715 (HB1449) affected two separate statutes:
  - Extended the sunset date of the Elevator Safety and Regulation Act (225 ILCS 312) to January 1, 2028 and provided clarifications of the Act.
  - Extended the sunset date of the Fire Equipment Distributor and Employee Regulation Act of 2011 (225 ILCS 217) to January 1, 2028 and updated and modernized the Act.

Other bills passed related to OSFM's activities:

- P.A. 102-1086 (SB3613) created the Hydrogen Economy Act (20 ILCS 4122) which established the Hydrogen Economy Task Force. OSFM is responsible to appoint one member of the Task Force to represent public safety interests.

## 2022 Rule Changes

The OSFM updated Agency-related administrative rules through the Joint Committee on Administrative Rules (JCAR) process in the following sections:

- 41 Ill. Admin. Code 141 Requirements for the Participation and Certification of Fire Protection Personnel. This rulemaking updated requirements for fire fighter training and certification, including the update of referenced editions of NFPA Standards for certification programs. The rulemaking also updated and clarified procedures for computerized testing, training facility approvals, and course approvals; collated provisions related to claims for reimbursement into one section; and revised other procedures and terminology to reflect the current operations of the Division of Personnel Standards and Education. These changes became effective on January 1, 2023.
- 41 Ill. Admin. Code 2120 Boiler and Pressure Vessel Safety. This rulemaking updated the editions of referenced codes within the Boiler and Pressure Vessel Safety rules. This amendment also clarified that a passing score on the examination for an Inservice Inspector Commission issued through the National Board of Boiler and Pressure Vessel Inspectors satisfies the examination requirements for an Inservice Inspector Commission issued by the OSFM.

## Advisory Boards, Committees, and Commissions

### Illinois Fire Advisory Commission

The Illinois Fire Advisory Commission is a statutorily created body (20 ILCS 2905/3) that provides advice, counsel, and assistance to the State Fire Marshal on matters related to the exercise of powers and duties of the agency. Commission members are appointed by the Governor for a term of three years. Appointed members of the Commission include three professional, full-time, paid firefighters; one volunteer firefighter; one fire protection engineer who is registered in Illinois, one representative of the insurance industry in Illinois; two representatives with knowledge of fire alarm and fire extinguisher systems, and three persons with interest and knowledge in fire prevention methods. In addition to the appointed members, the following individuals serve in an ex officio capacity: Chicago Fire Commissioner, executive officer of the Illinois Fire Chiefs Association, executive officer of the Illinois Association of Fire Protection Districts, executive officer of the Illinois Fire Inspectors Association, executive officer of the Illinois Professional Firefighters Association, executive officer of the Illinois Firemen's Association, executive officer of the Associated Firefighters of Illinois, executive officer of the Illinois Society of Fire Service Instructors, the Illinois Society of Fire Service Instructors, executive officer of the Illinois Chapter of the International Association of Arson Investigators, executive officer of Mutual Aid Box Alarm System (MABAS) Illinois, and the head of the Illinois Fire Service Institute. Members of the Commission do not receive compensation but are reimbursed for travel expenses.



## Fire Fighting Medal of Honor Committee

The Committee is statutorily (20 ILCS 3985/3001) responsible for developing an annual award program to recognize firefighters who were killed, seriously hurt, or displayed exceptional bravery or heroism in the line of duty, working with firefighting organizations in the state to design, develop, and procure a Fire Fighting Medal of Honor and selecting an appropriate date or occasion for presentation. The Committee consists of ten members. There are two statutorily designated members – the State Fire Marshal and Chicago Fire Commissioner – and eight members appointed by the Governor. The members appointed by the Governor include: three fire chiefs from areas other than Chicago, three representatives of statewide firefighter organizations, and two retired Illinois firefighters. Fire chiefs serve a two year term while all other appointments serve a one year term. Members of the Committee do not receive compensation but are reimbursed for travel expenses.



## Board of Boiler and Pressure Vessel Rules

This statutorily created Board (430 ILCS 75/2) is responsible for formulating definitions, rules and regulations for the safe and proper construction, installation, repair, maintenance, alteration, inspection, use, and operation of boilers and pressure vessels in the state. The Board also establishes fees for examinations, commissions, inspection certificates, inspections, annual statements, shop inspections, and other services. The Board consists of seven members appointed by the Governor who each serve a term of four years. Members of the Board include: a representative of in-state owners of high pressure boilers and pressure vessels in utilities, manufacturing, or processing; a representative of in-state owners and users of low pressure vessels in commercial buildings, multiple housing, or hotels; a representative of in-state boiler manufacturers; a representative of a boiler insurance company licensed to insure boilers and pressure vessels in the state; a representative of the boilermakers; a representative of the steam operating engineers, and one mechanical engineer, registered in Illinois, on the faculty of an engineering college, or having equivalent experience. Members of the board do not receive compensation but are reimbursed for expenses.

## Elevator Safety Review Board

This statutorily created Board (225 ILCS 312/25) reviews and adopts rules for the enforcement of the Elevator Safety Act. The Board also has the authority to grant exceptions and variances, hear appeals, hold hearings, establish fee schedules, and authorize licenses. The Board consists of seventeen members who are appointed to four year terms, with three members appointed by the State Fire Marshal and fourteen members appointed by the Governor. Members of the Board include: three representatives of the fire service community, one representative from a major elevator manufacturing company or its authorized representative, one representative from an elevator servicing company, one representative of the architectural design profession, one representative of the general public, one representative of an advocacy group for people with physical disabilities, one representative of an advocacy group for senior citizens, one representative nominated by a municipality in this state with a population under 25,000, one representative nominated by a municipality in this state with a population of 25,000 or over but under 50,000, one representative nominated by a municipality in this state with a population of 50,000 or over but under 500,000, one representative of an advocacy group for condominium owners, one representative of an institution of higher education that operates an in-house elevator maintenance program, one representative of a building owner or manager, and two representatives of labor, involved in the installation, maintenance, and repair of elevators - one from Cook County and one from a county in the state other than Cook County. Members of the Board do not receive compensation but are reimbursed for expenses.

# Division of Arson Investigation

The mission of the Division of Arson Investigation is to provide fire investigation and law enforcement services to the fire service and federal, state, and local law enforcement agencies throughout the State of Illinois through complete and thorough investigations, evidence collection and professional expert testimony in court proceedings.

The Division is responsible for investigating fires and explosions as well as providing fire and explosion cause origin and cause investigations when requested by the fire service and law enforcement agencies throughout the state. Nationally, Arson (and suspected Arson) is the primary cause of property damage due to fire in the United States, and the second leading cause of fire deaths. To combat this serious problem, certified Arson Investigators respond to assist fire departments, law enforcement agencies, communities and state and federal agencies 24 hours a day, 7 days a week. Reports of potential Arson fires can be made via a 24-hour, toll free Arson Hotline number at (800) 252-2947. When the requesting agency calls the hotline, they are immediately connected with an Arson Duty Agent who has authority to dispatch an Arson Investigator anywhere in the state, anytime, day or night.

Arson Investigators are sworn peace officers authorized to conduct fire and explosion cause and origin investigations, interview witnesses and suspects, conduct follow-up investigations, execute search warrants, collect evidence, make arrests and testify in court.

Also available are seven canine teams, each consisting of a certified Arson Investigator and a certified Accelerant Detection Canine. Canines can detect minute traces of ignitable liquids often used in fires and can lead Investigators to a specific location where physical samples can be secured, analyzed and confirmed by special laboratories.

Arson Investigators and canine teams investigate on average over a thousand fires each year. Working together with federal, state, county and local law enforcement agencies leads to many arsonists being arrested annually. Their service to the state is invaluable, especially in rural areas where fire departments do not have certified Fire and/or Arson Investigators.



Arson Investigators attend many hours of continuing education classes and seminars each year. This increases their knowledge and expertise of fire investigation and law enforcement training.

The Division of Arson Investigation uses the Bomb Arson Tracking System (BATS) for case management and investigations. BATS is a secure web-based system that links agencies to the United States Bomb Data Center (USBDC), which is a nationwide repository of arson and explosives incidents.

The Youth Fire Setter Intervention Program is now being administered by the Arson Division. The agency had 40 requests for an interventionist in 2022. The agency also put on five Youth Fire Setter Interventionist training classes and certified 83 students. We are working on adding several more training classes throughout the state in 2023. Inquiries regarding Youth Fire Setters can be made by calling the Youth Fire Setter Intervention Hotline number at (844) 689-7882.

## Division Statistics

Full-Time Equivalent Staff (as of 12/31/22)	20
Investigations Conducted	1122
Canine-Assisted Investigations	213
Cases Closed With An Arrest	48
Cause and Origin – Incendiary	320
Cause and Origin – Accidental	174
Cause and Origin – Undetermined/Under Investigation	621
Cause and Origin – Explosion	13
Cause and Origin – Natural	2
Fatalities	90



# Division of Boiler and Pressure Vessel Safety

The Division of Boiler and Pressure Vessel Safety regulates the construction, installation, repair, use, and operation of boilers and pressure vessels and oversees in-service inspections of pressure equipment as mandated by the Boiler and Pressure Vessel Safety Act (430 ILCS 75). Currently, there are 99,166 active boilers and pressure vessels in this program which require professional inspections at different intervals. Professional safety inspections are performed on boilers and pressure vessels that are typically used to generate steam to provide heat in schools, churches, hospitals, nursing homes, office buildings, and places of public assembly, retail locations, apartment buildings, manufacturing facilities, utility plants, refineries, chemical plants, and any other location type in Illinois where such equipment is utilized. Inspections identify hazards and provide an opportunity for proactive repair to ensure public safety by preventing accidents caused by explosions and leakage.

The Division is also responsible for administering the Illinois Boiler and Pressure Vessel Repairer Regulation Act (225 ILCS 203/). The current total of Repair License Organizations under this Act that perform repairs and alterations to pressure equipment is 147. These Organizations are required to be audited every three years under this program.

The Board of Boiler and Pressure Vessel Rules is responsible for formulating definitions, rules, and regulations for the safe and proper construction, installation, repair, maintenance, alteration, inspection, use, and operation of boilers and pressure vessels in the state. The Board also establishes fees for examinations, commissions, inspection certificates, inspections, annual statements, shop inspections, and other services.

## Division Statistics

Full-Time Equivalent Staff (as of 12/31/22)	22
Inspections Performed	44,710
Violations Issued	5,993
% of Inspections That Are Past Due-State	1.26%
% of Inspections That Are Past Due-Insurance Companies	1.59%
Audits Conducted	22
Commissions Issued – New and Renewals	283
Repair Permits Issued	89
Repair License Organizations – New and Renewals	48
Fees Collected	\$3,667,102.91

# Division of Elevator Safety

The Division of Elevator Safety enforces the Elevator Safety and Regulation Act (225 ILCS 312). The Act requires that the design, construction, operation, inspection, testing, maintenance, alteration, and repair of elevators, dumbwaiters, escalators, moving sidewalks, platform lifts, stairway chairlifts, and automated people conveyances are in accordance with all applicable statutes and rules.

The Division also issues licenses to contractors, inspectors, mechanics, apprentices and helpers and inspection companies.

The Elevator Safety Review Board approves rules for the administration and enforcement of the Act. The Board has the authority to hear appeals on exceptions and variances and, depending on the outcome, grant or deny an exception for a variance, hold hearings, establish fee schedules, approve continuing education programs, and authorize all licensing.



Elevator inspectors work in the field making random checks for registration tags, checking the work of licensed inspectors, and checking elevator mechanic licenses. Inspectors also visit municipalities that have agreements with the agency to enforce the Act to ensure that they are abiding by all relevant laws and rules. Additionally, inspectors investigate incidents and accidents, which are given the highest priority. Any complaint received is also given priority attention.

There are 37,009 registered conveyances in the state. Of this total, 14,225 are under state jurisdiction, and 22,784 are under the jurisdiction of the 179 municipalities with an agreement with the Agency.

## Division Statistics

Full-Time Equivalent Staff (as of 12/31/22)	12
Permits Issued	531
Certificates of Operation Processed	12,622
Conveyances Registered	504
Licenses Processed	622
Fees Collected	\$1,465,005.00

# Division of Fire Prevention

**Inspections:** The Division of Fire Prevention is charged with ensuring that no building endangers persons or property by reason of faulty construction, age, lack of repair, or any other cause that would make it especially susceptible to fire. Under the authority granted in the Fire Investigation Act (425 ILCS 25), the Division conducts fire safety inspections in accordance with the applicable laws and administrative rules adopted to ensure such fire safety. These inspections primarily concentrate on state-owned or -regulated facilities, including: day care centers and group day care homes licensed by the Department of Children and Family Services and the Illinois Department of Aging; Correctional Centers, public schools (in cooperation with the Illinois State Board of Education), race tracks regulated by the Illinois Racing Board, permanently moored gaming facilities regulated by the Illinois Gaming Board, and telecommunications switching offices. Enforcement also ensures compliance with regulations pertaining to LP-gas tanks larger than 2,000 gallons in capacity or at any installation intended for purposes of dispensing LP-gas, and inspection of aboveground bulk and dispensing flammable and combustible liquids tank installations.

The Division also concentrates its efforts on certain “target” hazards, including the inspection of hotel/motel occupancies, and any occupancy where a fire hazard has been reported by the local fire authority or the general public. The Life Safety Code published by the National Fire Protection Association (NFPA), has been adopted as Illinois’ rules for fire prevention and safety and serves as the primary enforcement tool of the Division of Fire Prevention when conducting building inspections.

The Division also does inspections at the Illinois State Fair in Springfield and the Du Quoin State Fair. Fire inspections are conducted at public assembly areas, livestock barns, buildings, exhibits, concession areas, and tents prior to and during each of the events. Fire Prevention personnel provide fire awareness training to vendors and grounds security workers. Fire Prevention personnel also conduct routine fire patrols of the entire grounds of each facility during the Fairs.

**Licensing:** The Fire Prevention Licensing Section of the Office of the State Fire Marshal licenses and oversees the regulatory compliance for several industries including Fire Sprinkler Contractors, Fire Equipment Distributors and Employees, Pyrotechnic Distributors and Operators, and the registration of Consumer Fireworks Retailers and Distributors.

**Fire Sprinkler Contractor Licensing:** Any individual or business entity that installs, maintains, repairs, or inspects any fire sprinkler system in Illinois must be licensed as a Fire Sprinkler Contractor by OSFM in accordance with the Fire Sprinkler Contractor Licensing Act (225 ILCS 317). OSFM regulates the licensing and compliance for approximately 221 Sprinkler Contractors and their employees statewide. This Act establishes minimum standards for licensure and qualification for Fire Sprinkler Contractors and their employees who design, inspect, and test water-based fire protection systems.



Recent changes in this licensing and compliance program now include NICET WBITM Level 3, ASSE 15010, NFPA - WBITM certification, or completion of a Sprinkler Fitter Apprenticeship are now all considered qualifications for individuals to inspect and test sprinkler systems by OSFM. Beginning in 2024, OSFM will individually license Fire Sprinkler System Inspectors.

### **Fire Equipment Distributor and Employee Licensing:**

Individuals and business entities who sell, install, service, maintain, or test fire extinguishers and fixed fire protection systems are licensed as Fire Equipment Distributors under the Fire Equipment Distributor and Employee Regulation Act (225 ILCS 217). This Act requires that Fire Equipment Employees be certified at the appropriate level and licensed to perform fire equipment installation or service work in Illinois. The scope of this program includes fire extinguishers, pre-engineered restaurant/industrial suppression systems, and complex engineered extinguishing systems. OSFM regulates the licensing and compliance for approximately 175 Fire Equipment Distributors and nearly 700 licensed Fire Equipment Employees in various classifications.



OSFM is updating this licensing and compliance program to include multi-year licensing for distributors and employees as well as more stringent insurance and operational requirements.

### **Pyrotechnic Distributor and Operator Licensing and Consumer Fireworks Regulation:**

Individuals and business entities that engage in the possession, use, distribution, and display of all types of fireworks, pyrotechnics, and flame or special effects must be licensed or registered with OSFM in accordance with the Pyrotechnic Use Act (425 ILCS 35) and/or the Pyrotechnic Distributor and Operator Licensing Act (225 ILCS 227).

Individuals or business entities that possess, use, distribute, or display professional grade fireworks and pyrotechnics, including flame and special effects, must be licensed with OSFM. The scope of this licensing program includes traditional outdoor aerial fireworks, stage and entertainment special effects for theaters, concerts, festivals, and sports venues, as well as the television and movie industry. Licensing includes verification of training, experience, compliance with concurrent federal, state, and local regulations, as well as compliance with industry standards for performance and indemnity. OSFM licenses and provides regulatory compliance for approximately 50 Pyrotechnic Distributors and Production Company Distributors, along with approximately 400 Lead Pyrotechnic Operators, and over 3000 Registered Pyrotechnic Assistants. All professional pyrotechnic displays must be reported to the OSFM. As part of the oversight of the pyrotechnic industry, OSFM provides training and other resources to local jurisdictions that permit pyrotechnic displays and/or consumer fireworks sales.

Individuals or business entities that distribute Consumer Fireworks to the public must, in addition to securing local authorization, register with OSFM as a Consumer Fireworks Distributor/Retailer. OSFM registers nearly 140 seasonal Consumer Fireworks Retailers/Distributors annually throughout the state.

OSFM also collects data related to injuries associated with fireworks and pyrotechnics from hospitals and healthcare providers throughout the state. The greatest portion of these injuries are associated with the use of fireworks by the general public.

During the reporting period in 2022, OSFM received reports from approximately 60 hospitals and health care facilities. Information on those reports is provided below.

Fatalities – 0
Injuries Reported – 120
Leading causes of Injuries
Unknown Type - 39
Mortars – 38
Firecrackers - 9
Sky/Bottle Rockets – 9
Sparklers – Wire/Wood Core – 8
Leading Locations of Injuries:
Hands – 39
Head/Face – 25
Fingers - 18
Arms – 9
Leading Types of Injuries
Second Degree Burns – 36
Abrasions - 21
Lacerations - 21
Dismemberment/Amputation – 20
Other Injuries – 11

Full-Time Equivalent Staff (as of 12/31/22)	27
Inspections Performed	13,563
School Inspections Performed by Division Personnel	2113
School Inspections Performed by Local Fire Departments	1094
% of School Inspections Completed Within the Statutorily Mandated One-Year Timeframe	94.5%
Inspections Performed –State Fairs	1408
Fire Equipment Distributor Companies Licensed	175
Fire Equipment Distributor Employees Licensed	691
Fire Sprinkler Contractors Licensed	221
Pyrotechnic Distributor Companies Licensed	30
Pyrotechnic Operators Licensed	384
Pyrotechnic Use Act- Consumer Retailers	137
Production Companies Licensed	10
Fees Collected	\$278,485



# Division of Petroleum and Chemical Safety

The mission of the Division of Petroleum and Chemical Safety (P&CS) is to protect against threats to human safety and contamination of the environment that can occur by the underground storage of petroleum products and other hazardous substances through prevention, education, and enforcement.

To protect public health and safety, P&CS regulates Underground Storage Tanks (USTs) containing petroleum products and other hazardous substances. In order for fuel to be deposited in USTs, facilities must pass a certification audit, which is done every two years.

The Division manages a comprehensive program combining federal and state laws and rules to regulate UST system management, fuel dispensing, UST installation, repair and removal, emergency response, and financial responsibility requirements.

Additionally, the Division administers the state Eligibility and Deductible (E&D) program. The Division utilizes an online process for the submission of applications in order to expedite and streamline this process. This is the first step for UST owners to follow when they have had a release or contamination incident, and they wish to access the Leaking Underground Storage Tank Fund (LUST Fund). The LUST Fund is administered by the Illinois Environmental Protection Agency (IEPA), but screening for eligibility to access the LUST Fund and determining the deductible amount is done by P&CS staff. Requests are forwarded to IEPA for final processing after approval by P&CS.

The Division is also responsible for overseeing the Financial Responsibility program. As with the E&D program, P&CS utilizes an online process to allow for Financial Responsibility reporting. Financial Responsibility reports allow UST facility owners to verify to the Division that they have the pollution liability policies required in case of environmental or third-party property and personal injury damages caused by product releases from USTs. While the bulk of the coverage for post-release corrective action and remediation comes from the State LUST Fund per statute, the United States Environmental Protection Agency (USEPA) requires the agency to ensure owners and operators of UST facilities demonstrate a current policy providing at least \$20,000 of supplemental liability insurance to cover expected gaps for costs related to corrective action and third party bodily injury and third party property damage.

In order to assist states in enforcing federal UST regulations, the USEPA provides grants to states. Grants are generally awarded for two-year cycles and can be used on any UST-related activities that are approved by the USEPA. In October 2021 the Agency was awarded more than \$1.2 million in federal funds from the USEPA to support the Division's enforcement of the federally-mandated state UST laws and regulations. The grant covers the period from October 1, 2021 to September 30, 2023. Funding from the current USEPA grant is being used to partially cover the salaries and benefits of the P&CS Storage Tank Safety Specialists, who are the UST inspectors in Illinois, to continue the development and maintenance of the P&CS UST information technology system, and to purchase other miscellaneous supplies used by the division in enforcing UST laws and regulations.

While the agency has the responsibility for enforcing federal and state UST laws and regulations throughout Illinois, that enforcement mandate has been contractually delegated by OSFM to the City of Chicago for all USTs located within the city. UST regulation in Chicago is done by the Chicago Department of Public Health (CDPH) using OSFM's UST regulations and processes. The Agency provides a \$550,000 annual grant to CDPH to help offset costs of providing the UST compliance program in the City of Chicago.

## Division Statistics

Full-Time Equivalent Staff (as of 12/31/22)	23
Active Tanks Registered	18,742
UST Inspections Conducted - OSFM	7,535
UST Inspections Conducted – City of Chicago	951
Field Investigations - OSFM	256
Field Investigations – City of Chicago	12
UST Emergency Responses - OSFM	4
UST Emergency Responses – City of Chicago	0
Initial Facility Certification Audits Performed - OSFM	2,800
Initial Facility Certification Audits Performed – City of Chicago	350
% of UST facilities in Compliance with USEPA	65.97%
Began Reporting on New Measure in 2019	65.97%
UST Permits Granted - OSFM	1,288
UST Permits Granted – City of Chicago	240
Motor Fuel Dispensing Permits Approved	75
Motor Fuel Dispensing Facilities Inspected - OSFM	3,229
Motor Fuel Dispensing Facilities Inspected – City of Chicago	336
Financial Responsibility Reports Processed	3,738
Eligibility and Deductibility Applications Processed	225
% of Eligibility and Deductibility Applications Processed Electronically	100%
% of Permit Applications Processed Electronically	100%
UST Notice of Violations (NOVs) Issued - OSFM	2,496
UST Notice of Violations (NOVs) Issued – City of Chicago	364
Motor Fuel Dispensing NOVs Issued - OSFM	523
Motor Fuel Dispensing NOVs Issued – City of Chicago	21
Facilities Red Tagged - OSFM	684
Facilities Red Tagged - City of Chicago	35

Cases Referred to Agency Legal Staff for Non-Compliance	225
Cases referred to the Illinois Attorney General for Non-Compliance	1
Enforcement Cases Resolved - OSFM	3,163
Enforcement Cases Resolved – City of Chicago	376
UST Equipment and Testing Forms Processed	20,037
Complaint Investigations - OSFM	47
Complaint Investigations – City of Chicago	2
Fees and Fines Collected Calendar Year (2022)	\$0.00



# Technical Services

The Technical Services Section of the Office of the State Fire Marshal (OSFM) supports other operating divisions within the OSFM as well as the fire service and general public with technical and engineering expertise in the form of code interpretation and plan and application review. Technical Services also provides expert advice in the Agency's rulemaking processes on a variety of subjects, including aboveground storage tank regulation, liquified petroleum gas (LP-gas) regulation, motor fuel dispensing facility operation, fire and life safety rules, safe cigarette rules, and myriad of other fire protection- and petroleum and chemical safety-related issues.

Personnel in this section are supervised by the Technical Services Section Chief, who is a fire protection engineer and reports to the Fire Prevention Division Manager. Technical Services personnel conduct plan reviews, assist with interpretations of applicable codes, assist operating divisions with the development of training sessions and the instruction of field personnel at those sessions, and create online training programs for Illinois fire service personnel. Technical Services personnel perform special functions for the OSFM, including representation on state and national code committees and task forces, as well as making presentations to the public and the regulated community on technical issues. Additionally, staff accompany Fire Prevention Division inspectors on field inspections to assist in developing compliance strategies for more challenging facilities. The work of the Technical Services Section is conducted from the Chicago office of the OSFM at 555 W. Monroe Street, Chicago and the OSFM headquarters in Springfield.

On March 17, 2020 the Technical Services Division staff started working from home as a part of Restore Illinois. Since that date, and through various surges of the pandemic and a remote work pilot program, the staff of the Technical Services Division has continued to work both in the offices and remote.

Technical Services staff participate in ongoing continuing education to maintain and improve their credentials. Two staff maintain certification as NFPA Certified Fire Plan Examiners, even though this certification is not required for their job titles.

## Details of Specific Work

1. Reviewed plans and applications submitted for installation or modification of
  - Aboveground flammable and combustible liquid storage tanks, and
  - Liquefied petroleum gas tanks.
2. Reviewed architectural and engineering drawings of new construction, renovations, and additions for compliance with state codes, including submittals relative to
  - Life Safety Code compliance,
  - Fire alarm system installation or modification,
  - Fire sprinkler system installation or modification as well as review of existing water supplies,
  - Commercial kitchen hood and duct exhaust systems,
  - Other specialized suppression system installation or modification, and
  - Private and municipal water supply systems.
3. Analyzed Fire Safety Evaluation Systems (FSES) that offer building owners in certain occupancy classifications alternative methods for proving equivalent life safety in nonconforming structures.
4. Reviewed and processed reports related to hull integrity and stability for Illinois permanently moored crafts.
5. Analyzed Prison Fire Safety Plans submitted from Illinois correctional facilities.
6. Prepared technical recommendations for the Fire Marshal to assist in his response to variance requests.

7. Prepared and delivered training programs and materials for members of the Agency's field inspection workforce to familiarize them with applicable codes and changing technologies in an effort to ensure consistency in code enforcement across the state.
8. Assisted Fire Prevention Division inspectors attain and maintain NFPA Fire Inspector I and II certification.
9. Delivered training to new Fire Prevention Division inspectors.
10. The Life Safety Code online training program was transferred over to the Illinois Fire Service Institute where they will provide better technical support related to their online learning platforms. However, Technical Services is still involved in development of the content of the program. This program was developed for Illinois fire service in December 2018 to upgrade the existing knowledge of the Illinois firefighter, who does not have formal inspection training or certification for performing the inspections that are required by the Fire Investigation Act (425 ILCS Fire 25/9).
11. Prepared and delivered training programs and materials for other state agencies, specifically IDHS and DCFS.
12. Assisted with the development of rules and statutes, either for OSFM or other state agencies.
13. Provided training to local authorities, referred to as AHJs (Authorities Having Jurisdiction s) so they could have their own Qualified Fire Officials (QFOs) and participate in the public school inspection program. Technical Services' responsibility includes upkeep of the checklists and glossary as well as answering code questions from education administrators, local authorities, and OSFM staff related to existing public school buildings
14. The Tier 2 online training program for the QFO program was transferred over to the Illinois Fire Service Institute where they will provide better technical support related to their online learning platforms. Technical Services is still involved in the content of the program. The Tier 2 program is part of the requirements found in Title 41 Ill. Adm. Code 111.
15. Represented the OSFM on state and national working groups and code development committees related to fire prevention, life safety, and hazardous materials issues, as follows:
  - Member of the NFPA Standards Council
  - Member of the following NFPA Technical Committees:
    - NFPA 1, Fire Code
    - NFPA 101, Life Safety Code
    - Chair, NFPA 401, Recommended Practice for the Prevention of Fires and Uncontrolled Chemical Reactions Associated with the Handling of Hazardous Waste
    - NFPA 420, Standard on Fire Protection of Cannabis Growing and Processing Facilities
    - NFPA 5000, Building Construction and Safety Code
  - Member of the Underwriter's Laboratories Standard Technical Panels related to air-conditioning and refrigeration systems (60335-2-40 and 60335-2-89).
  - Member of CANENA's Working Groups for multi-national harmonization for air-conditioning and refrigeration systems (WG 60335-2-40 and WG 60335-2-89).
  - Member of Flammable Refrigerant Safe Transition Task Force.
  - Member of the National Association of State Fire Marshal's Model Code Committee.
  - Participated on the ICC-International Fire Code's Fire Code Advisory Committee.
  - Represented OSFM on the statewide Water Distribution Water Quality Committee. Other members include the Illinois Department of Public Health and Illinois EPA.
  - Appointed by the Acting State Fire Marshal to the Illinois Hydrogen Economy Task Force, as created by Public Act 102-1086.
  - Represented OSFM on the Northern Illinois Fire Inspectors Association.
  - Represented OSFM on the Automatic Fire Alarm Association.
16. Assisted the Fire Prevention Division with difficult or controversial inspections.
17. Prepared statistical data reports and legislative reports as required by executive staff.
18. Provided assistance in appeal hearings, subpoenas, court cases, and FOIA requests.
19. Participated in OSFM's Diversity, Equity, and Inclusion (Peer to Peer) Working Group.

## Breakdown of Work for 2022

Above ground flammable liquid storage tank plan and application reviews	768
LP-gas tank plan and application reviews	70
Building construction, fire suppression system, fire alarm system plan reviews, and FSES evaluations	182
Prison fire safety plan reviews	23
Variance requests analyzed	20
Percentage of plan reviews completed in $\leq 10$ days	99.5%
Training contact hours provided to the OSFM and local fire service personnel (presentation and preparation)	467
Total of telephone, email, and written inquiries and meetings with occupancy owners, enforcement agencies, contractors, architects, and engineers related to applicable rules, interpretations of codes, and explanation of OSFM policies and procedures	8,343



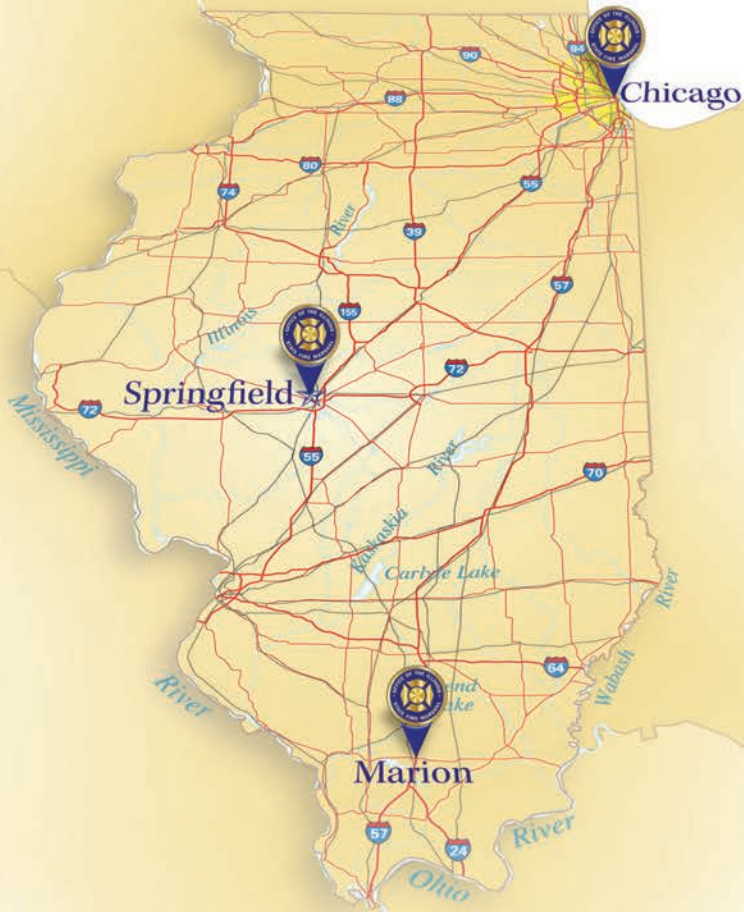
# 2022 Illinois Fire Statistics Report

- Illinois fire departments responded to 1,437,766 incidents in 2022.
- 35,262 of those incidents were fires including:
  - 14,998 structure fires, and
  - 6,160 vehicle fires
- These fires resulted in over \$476 million in property damage.
- 92 persons were killed in Illinois due to fire.
- 63% of all fire deaths occurred in the home.
- 72% of all fatal fires were in buildings where either no smoke alarms were present or could not be found.
- In 2022, Illinois saw a 7.7% decrease in fires compared to 2021.
- The number one known cause of fires in Illinois is cooking.
- A fire is reported every 15 minutes in Illinois.
- Every 2.7 minutes, an Illinois fire department responds to an emergency
- Mutual aid was given from other fire departments on 94,975 incidents
- 131,475 incidents were determined to be false calls.
- Illinois fire departments responded to 1,016,290 rescue and medical emergencies.

## A Day in the Illinois Fire Service

Today, 3,939 calls for service will be resolved by the hardworking firefighters in our state. Of these calls:





State of Illinois  
Office of the Illinois State Fire Marshal  
<https://sfm.illinois.gov/>