

BUREAU OF FIRE SERVICES ANNUAL REPORT

(Public Act 207 of 1941)

Fiscal Year 2015



RICK SNYDER



SHELLY EDGERTON

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State Fire Marshal

Richard W. Miller was appointed by Governor Rick Snyder to serve as State Fire Marshal on February 24, 2012. In this position he served as the most senior fire official within the state. The State Fire Marshal also advises the governor and legislature on a wide range of issues relevant to fire safety, prevention and protection and is the chief advocate for fire safety for Michigan citizens, the fire protection community and others affected by Michigan Fire Prevention Code and the Fire Fighter Training Council Act.

The State Fire Marshal also leads the BFS within the Department of Licensing and Regulatory Affairs (LARA). The Fire Marshal's primary responsibilities include overseeing fire safety code adoption and enforcement, fire incident data reporting and analysis, fire fighter training, Michigan Fireworks Safety Act, regulation of aboveground and underground storage tanks, hazardous materials incident responses and public education.

In this role the State Fire Marshal also serves as a statutory member, or ex-officio member of the State Fire Safety Board (SFSB), Fire Fighters Training Council (FFTC), Michigan Homeland Protection Board, State Board of Mechanical Rules, Construction Code Commission (CCC), Electrical Administrative Board, National Fire Protection Association (NFPA), International Code Council (ICC), National Association of State Fire Marshals (NASFM) and has a seat on the State Emergency Operations Center (SEOC).

Prior to his appointment, State Fire Marshal Miller served as Dearborn's fire chief since 2010. He began his career as a fire fighter with the Dearborn Fire Department and held several positions there including fire inspector, fire lieutenant, fire captain and senior battalion chief.

Miller holds professional certifications for driver's training, tactical and pump operations, hazardous materials, Fire Officer I, II and III and others from Michigan's Fire Fighters Training Council. He served on the Michigan State Fire Safety Board since August 2011. He received an associate's degree in fire science from Henry Ford Community College; a bachelor's degree in fire science and occupational safety and health from Madonna University; and attended Eastern Michigan University's School of Fire Staff and Command.

State Fire Marshal Miller's appointment ended just after the start of FY16 on October 9, 2015.



MISSION

To provide for the protection of persons and property from exposure to the dangers of fire through inspection and fire prevention and to serve the training needs of over 30,000 fire fighters in the state of Michigan.

VISION

The tenacious pursuit of providing a fire safe environment for all firefighters and citizens in the state of Michigan.



About the Bureau

The Bureau of Fire Services (BFS) was established under [Public Act \(PA\) 207 of 1941, Michigan's Fire Prevention Code](#). The Act mandates the State Fire Marshal and the Bureau serve as the focal point for matters relating to fire services in the state of Michigan.

The Office of the State Fire Marshal and the Bureau's primary function is to provide leadership, direction and support to all members of the fire service in Michigan.

The Michigan fire service, like so many organizations throughout the state, has felt the tremendous effects of the national economic downturn over the past several years. The Bureau has made changes to overcome a multitude of challenges. Some of the challenges they continually deal with include: reductions in staff, slower response times, funding deficits, recruitment of qualified candidates, aging facilities and equipment, and outdated communications systems.

Despite all these obstacles, the Michigan fire service has expanded its responsibilities which includes specialized rescue, emergency medical services, fire prevention, public fire education, fire investigation, hazardous materials preventing and fighting fires, rescue which includes: vehicular, high angle, trench, confined space, extrication, machine rescue, agricultural rescue, aircraft, collapse, hazardous materials (rescue, confinement, containment, mitigation and planning), severe weather and water rescue services and emergency management/homeland security and training of firefighters.

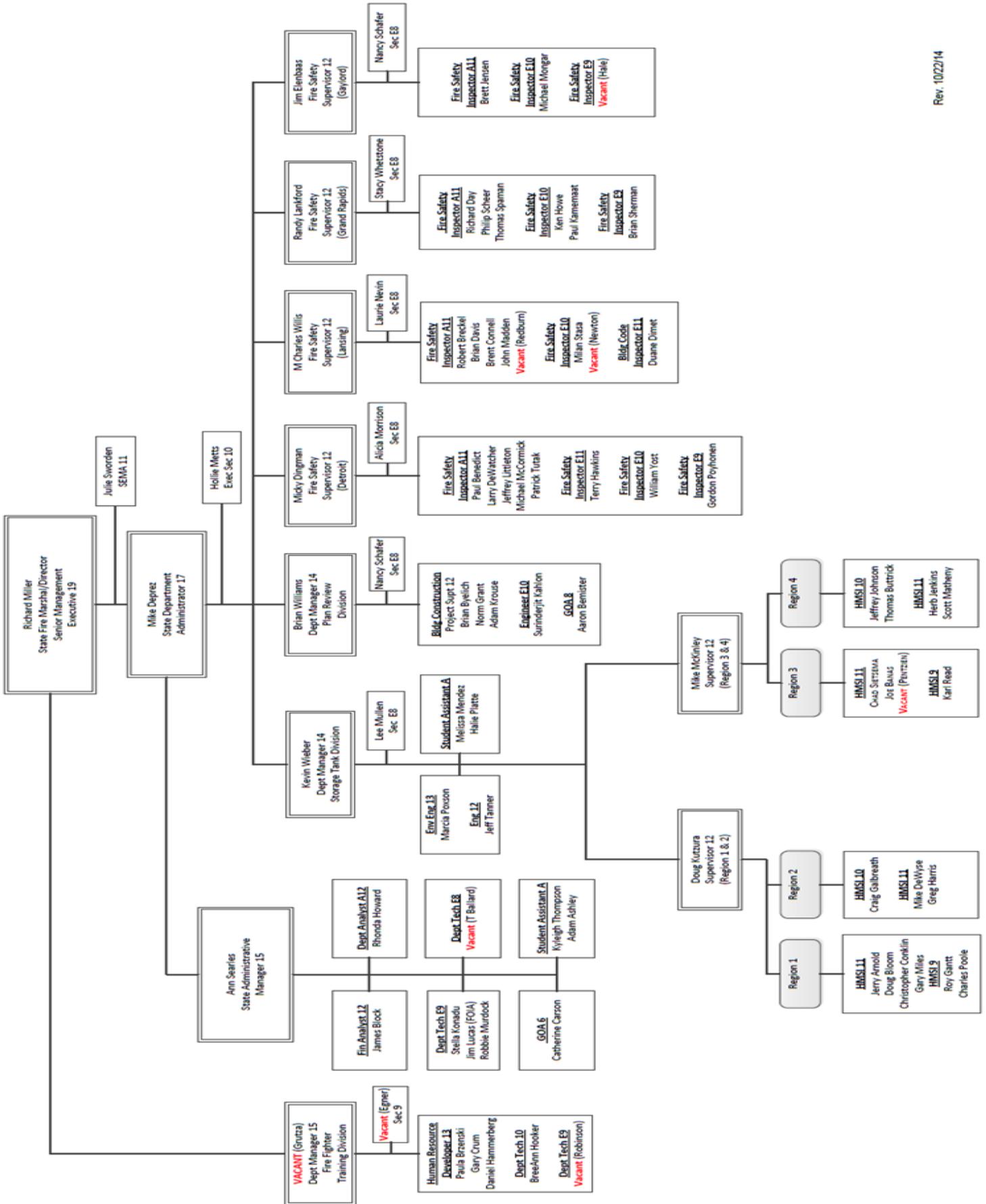
Over the past decade the Bureau has worked under several departments including the Michigan State Police, Consumer and Industry Services, the Department of Labor, Energy and Economic Growth and most recently, the Department of LARA. Under the auspices of these departments, the Bureau has undergone several transformations to become what it is today.

The Bureau has a staff of approximately 80 employees and includes the following four main divisions: Program Services, Specialty Programs, Fire Fighter Training, and Storage Tanks.



FUND SOURCES THAT SUPPORT BFS OPERATIONS
Interdepartmental Grant from Department of Community Health
Federal Emergency Management Agency
Department of Transportation
Title XVIII Medicare
Title XIX Medicaid
Fire Alarm Fees
Fire Safety Standard & Enforce Fund
Fire Service Fees
Fireworks Safety Fund
Liquor Purchase Revolving Fund
General Fund/General Purchase
Aboveground Storage Tank Fees
Underground Storage Tank Fees
Fireworks Safety Fund (Non-Sales Fee Rev)
Fire Alarm Fees

About the Bureau



About the Bureau

State Fire Safety Board

The State Fire Safety Board (SFSB) was established through [PA 207 of 1941](#), as amended. Its mission is the protection of life and property from fire, smoke, hazardous materials and fire related panic in public facilities in cooperation with the State Fire Marshal, the BFS and related organizations throughout the state.

Pursuant to [Section 29.3c\(6\) and 29.3c\(8\)](#)5 of PA 207 of 1941, the Board reviews decisions of the State Fire Marshal regarding interpretation or application of the fire safety rules. Written requests for an appeal include:

- A copy of the variance request sent to BFS
- A copy of the Bureau's letter of denial
- A concise statement of the reason(s) the Bureau's application or interpretation of the rule that should be modified

Upon receipt of a request for an appeal the State Fire Marshal examines the appeal to determine appropriate jurisdiction and if the information provided meets the requirements of the Act.

Upon determination that the information provided complies with PA 207, the SFSB will act as a hearing body in accordance with the administrative procedures act of 1969, 1969 PA 306. After a hearing, the Board may vary the application of the rule or may modify the ruling or interpretation of the State Fire Marshal. A decision of the board to vary the application of a rule shall specify the variation or change made, the conditions upon which it is made, and the reasons for the variation or change.

The SFSB serves as the administrative hearing body on decisions made by BFS affecting the construction, operation and maintenance of: schools, health care facilities, penal facilities, state-owned or leased facilities, operation and maintenance for public assembly and other buildings.

Pursuant to the [Fireworks Safety General Rules](#), R29.2922, effective March 20, 2014, the Board reviews decisions of the State Fire Marshal regarding violation citations or civil infraction penalties or fines related to consumer fireworks. Written requests for appeal must:

- Be received within 28 calendar days of the issuance of the State Fire Marshal's Final Review Decision
- The Board can only conduct a technical review of the State Fire Marshal's Final Review Decision based upon the administrative record

Members and Terms		
Name	Term	Organization
John Enkemann	7/15/15	Registered Architects
David J. Henry	7/15/17	Owners of Adult Foster Care Facilities
David Herbel	7/15/17	Nursing Home Industry
Greg M. Herman	7/15/17	Building Trades
Donald Hicks	7/15/16	Chemical Manufacturing Industry
Dr. Ralph Hodek	7/15/15	Registered Professional Engineers
Mark Jensen	7/15/16	Liquefied Petroleum or Flammable Compressed Gas Industry
Andrew Lenaghan	7/15/15	Fire Departments in the Lower Peninsula
Thomas G. Lippens	7/15/16	Licensed Electrical Contractor or Master Electrician
Dean J. Mallos	7/15/16	Fire Departments in the Upper Peninsula
William H. Mayes, Vice Chair	7/15/17	Governing Board of School District or School Administrator
Richard Miller	Pleasure of the Governor	State Fire Marshal, Ex-Officio
Dr. Usamah Mossallam	7/15/16	Hospital Administration
Kassandra Renneberg	7/15/15	Persons who own a place of Public Assemblage
Les Rodwell, Chair	7/15/15	Fire Departments in the Lower Peninsula
Ron Sabin	7/15/16	Fire Departments in the Lower Peninsula
John C. Wozniak	7/15/17	Flammable Liquids Industry

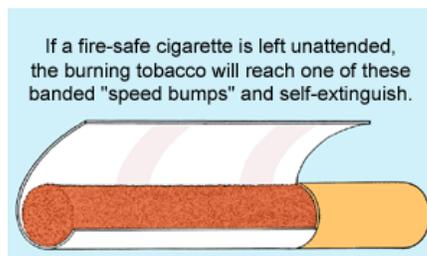
About the Bureau

SAFER

The Sustainable, Achievable Fire & Emergency Response (SAFER) Committee was created in early 2012 and is a “think tank” style group comprised of representatives from all three types of fire departments: career, paid-on-call and volunteer. The focus of this group is “out-of-the-box” thinking that will result in new ideas to improve efficiencies in the fire service and make recommendations to the governor.

Fire Safe Cigarettes

The [Fire Safety Standard and Firefighters Protection Act, Public Act 56 of 2009](#) (Fire Safe Cigarettes), provides for the regulation of the sale and distribution of reduced ignition propensity cigarettes otherwise known as Fire Safe Cigarettes. Discarded smoking materials are the second leading cause of home fire-related death and injuries in the United States.



Fire Safety Outreach and Communication

Fire prevention and public safety is a top priority of the state fire marshal. Public awareness about fire safety is addressed year round through a series of seasonal [public service announcements](#), TV and radio interviews, and [news releases](#). These announcements and interviews focus on cooking safety during the holidays, camp fire safety, firework safety, flammable and unapproved refrigerants in home air conditioning systems, grilling safety; fire safety in dormitories and university housing; and the importance of having and maintaining smoke alarms.

Plan Review

Plan Review Division: The Plan Review staff perform construction plan reviews of all new construction, additions or remodeling of state-regulated facilities pursuant to [PA 368 of 1978](#), as amended (Public Health Code), [PA 207 of 1941](#), [PA 218 of 1979](#) (Adult Foster Care Facility Licensing Act), [PA 116 of 1973](#) (Child Care Organizations) and [PA 256 of 2011](#) (Michigan Fireworks Safety Act).

Construction Plan Review Types:

- Architectural Plans and Specifications
- Site Plan Drawings
- Shop Drawings
 - Fire Alarm
 - Fire Suppression
 - Hood Suppression
 - Clean Agent Suppression
 - Door Locking
- Modification Requests
- Consultations

Plan Review Consultants: Plan review consultants and/or project superintendents are subject experts in the interpretation of the fire safety rules. They analyze and evaluate plans and specifications, shop drawings and modification requests based upon a thorough review of construction documents to assure compliance with Michigan's fire safety laws, rules, life safety codes and national standards. Once the review has been completed, the plan review consultants either accept or reject the proposed construction documents based upon their findings.

Plan review consultants also provide formal training and assistance to concerned parties such as architects, engineers, contractors and facility owners as well as other state and federal agencies concerning acceptable compliance with the fire safety rules. They also provide technical guidance for decisions concerning rule promulgation and the formulation of BFS procedures. They may also provide an analysis of new products, construction and testing methods to determine acceptability in state-regulated facilities.



BFS Certification: Though PA 144 of 1982, which amended the [Michigan Fire Prevention Code, PA 207 of 1941, MCL 29.3c \(5\)](#) the Bureau was given the authority to promulgate rules for the certification of both fire alarm and fire suppression firms in the state of Michigan who perform the following:



- Installation, modification, or documentation of a fire suppression system
- Installation, modification, or documentation of a fire alarm system
- Perform testing, servicing, inspections or maintenance that has not been exempted by the rules
- Submit drawings, plan or specifications of a fire alarm and/or fire suppression system for Bureau approval

The Bureau was also given the authority to oversee the certification of said firms and its qualifying persons. Oversight and certification is provided by the Bureau through the Plan Review Division's Specialist.

Total BFS Certifications **FY15**

219 Fire Alarm Firms

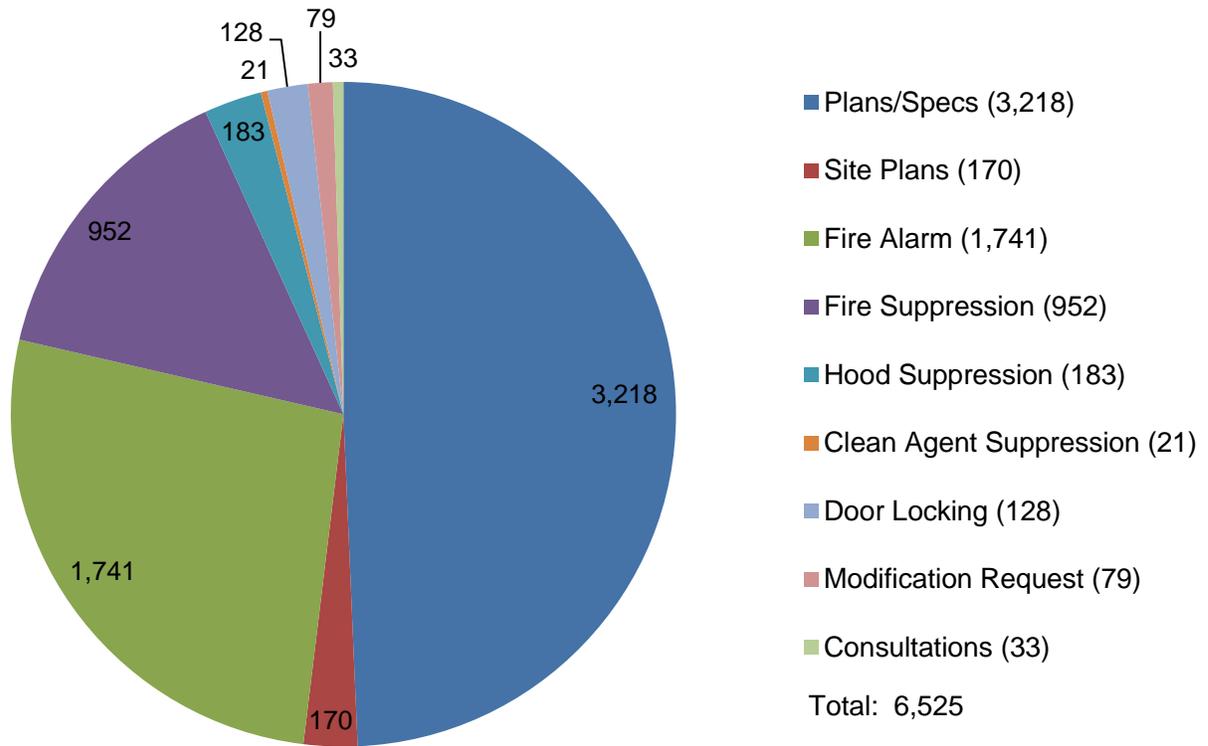
**312 Qualifying Persons for
Fire Alarm Firms**

190 Fire Suppression Firms

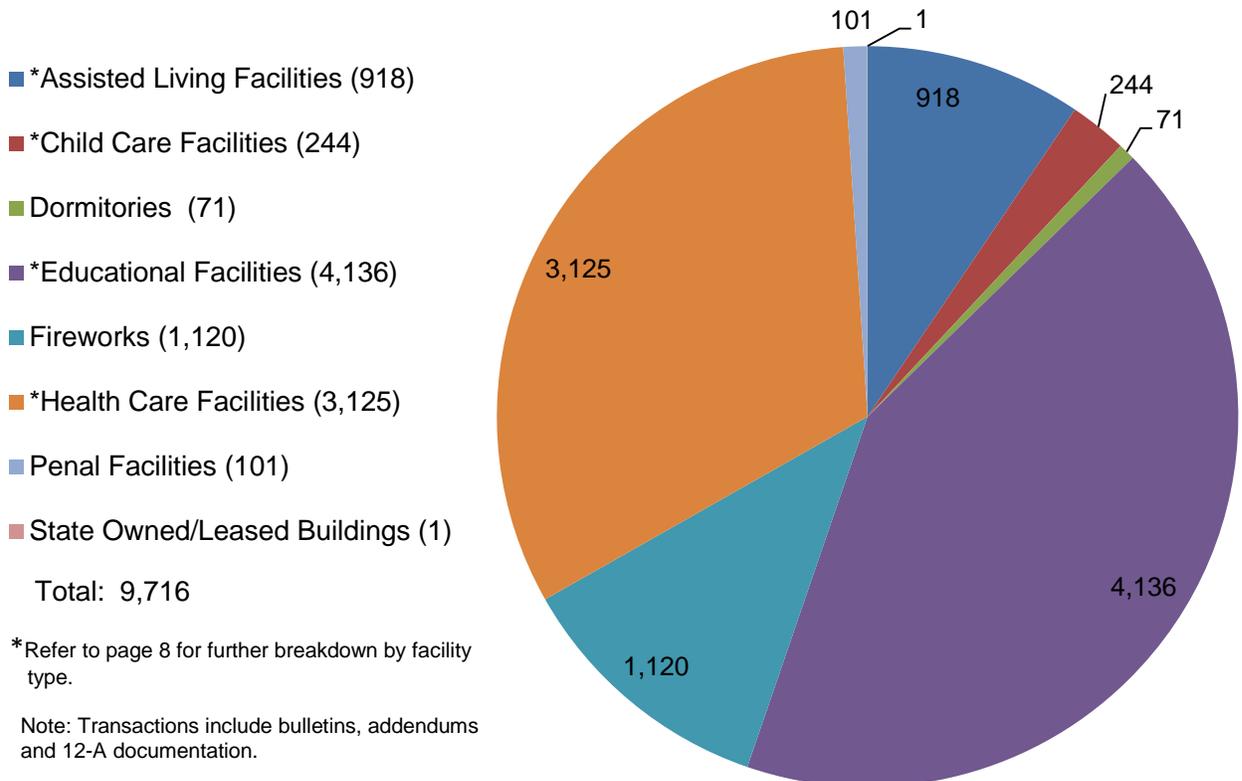
**268 Qualifying Persons for
Fire Suppression Firms**

Plan Review

FY15 Plan Reviews by Review Type

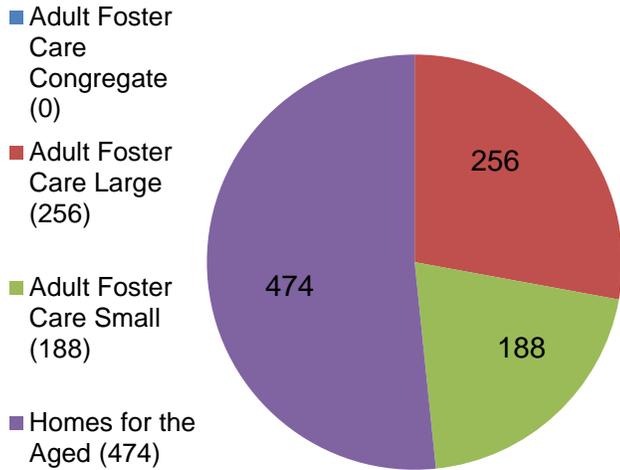


FY15 Transactions by Facility Type

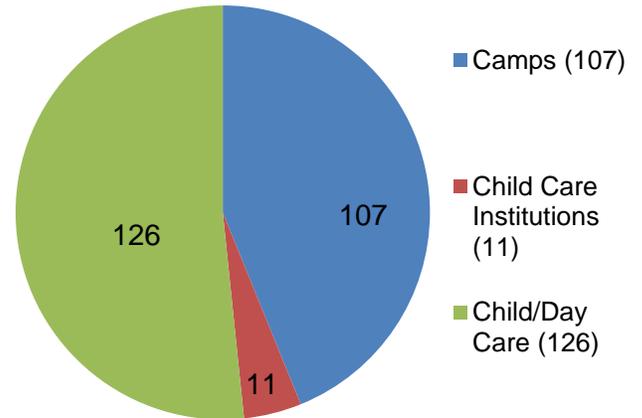


Plan Review

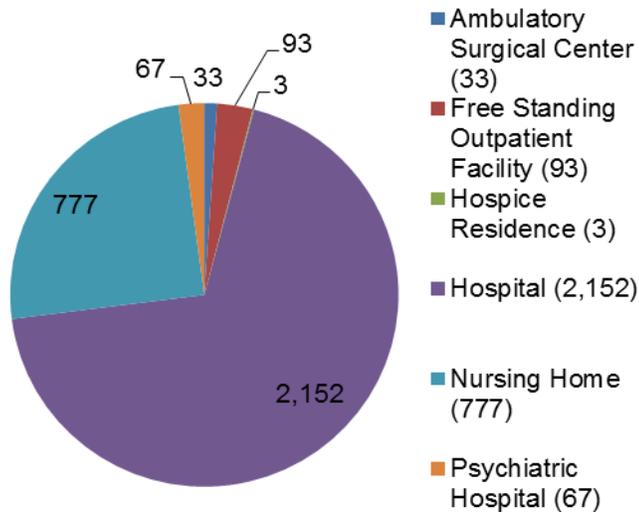
FY15 Transactions for Assisted Living Facilities



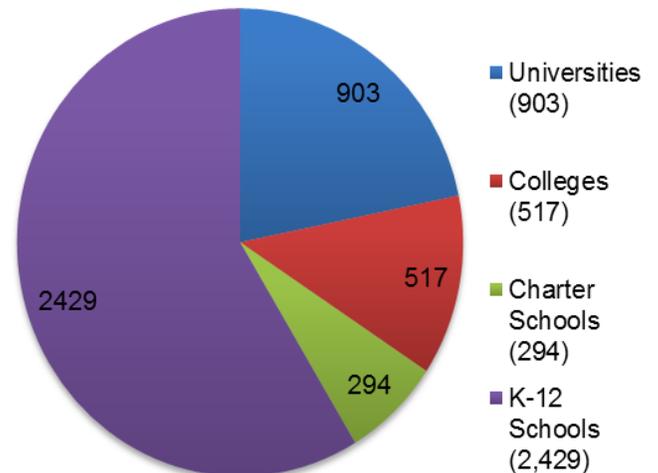
FY15 Transactions for Child Care Facilities



FY15 Transactions for Health Care Facilities



FY15 Transactions for Educational Facilities



Field Services

Field Services:

The staff of the Field Services Division seeks to ensure that fire-safe conditions are maintained in state-regulated facilities through the inspection of all new construction, additions or remodeling projects.



While conducting a project inspection, fire marshal inspectors survey and inspect for proper installation and maintenance of fire protection features, such as fire alarm and detection systems, fire suppression systems, fire separation and fire barriers/compartments, means of egress, interior finish and emergency power.

Fire marshal inspectors also conduct annual inspections in state-regulated facilities as required by licensing requirements. Through annual inspection the fire marshal inspector is able to provide an ongoing evaluation of the effectiveness of applicable fire safety laws and codes. When code-related problems are identified, recommendations may be made through the SFSB to update relevant statutes and fire codes.

Fire marshal inspectors also respond and investigate reported incidents at state-regulated facilities

State-Regulated Facilities:

- Assisted Living Facilities:
 - Adult Foster Care (AFC) Homes - Congregate
 - AFC (7-12 and 13-20 residents)
 - Homes for the Aged (HFA)
- Child Care Facilities:
 - Child Care Institutions
 - Child Day Care Centers
 - Children's Camps
- Consumer Fireworks Retail Sales (CFRS) Facilities
- Dormitories
- Educational Facilities:
 - Charter Schools
 - Colleges and Universities (public and private)
 - K-12 Schools
- Health Care Facilities:
 - Ambulatory Surgical Centers (ASC)/Freestanding Surgical Outpatient Facilities (FSOF)
 - Hospice Facilities
 - Hospitals
 - Psychiatric Hospitals
- Penal Facilities
- Places of Public Assemblage (churches, halls, theaters, restaurants, libraries, malls, stores, and museums)
- State Owned/Leased Buildings

Note: Nursing home inspections transferred to the Bureau of Community and Health Systems (BCHS) in FY15. Inspections were completed during a transition period only.

Assisted Living Facilities: Inspections of AFC and HFA Facilities are done prior to issuance of an initial license and annually thereafter. In FY15, a total of 2,227 annual fire safety inspections were done in addition to 457 project inspections in AFC and HFA homes throughout the state.

Child Care Facilities: Child Care Centers or day care facilities provide care for preschool or school-age children for periods less than 24 hours in a day where the parents or guardians are not readily available for the children. Because of the age and concentration of the children as well as the size and location of the centers, the enforcement of fire safety requirements is critical. In FY15, the Bureau's inspection staff conducted 81 inspections at these facilities for new construction, additions or remodeling projects. Child care facilities may also be inspected under the Qualified Fire Inspector Program which is funded by the Department of Human Services, Bureau of Children and Adult Licensing.

Child care institutions differ from the child care and day care centers listed above as the minor children in their care are receive care and supervision on a 24-hour basis. Child care institutions can vary in size and security level ranging from a six bed open facility to a 200 bed secure facility. These facilities provide care to children who are emotionally disturbed or have developmental disabilities. In FY15, the Bureau's inspection staff surveyed 7 child care institutions new construction, additions or remodeling projects.

A camp is another child care facility type. They provide care for five or more children who are away from their parents, relatives or legal guardians for five or more days within a 14-day period in a natural environment. In FY15, a total of 88 camp facilities were inspected for new construction, additions or remodeling projects.

Consumer Fireworks Retail Sales Facilities: Inspections are conducted for all certified CFRS facilities to verify compliance with code regulations. In FY15, BFS fire marshal inspectors conducted roughly 743 project inspections are conducted between May and early July. During these months, fire marshal inspectors work diligently to ensure the applicant is able to open for business.

Fire marshal inspectors also investigate complaints for code violations or for the illegal sales of fireworks. In FY15, fire marshal inspectors responded to 25 complaints concerning fireworks facilities, made 159 enforcement patrol stops and issued 45 citations.

FY15 CFRS Inspections

743 Project Inspections

184 Complaints/Patrol

45 Citations Issued

150 Violations Identified

Field Services

Dormitories: Students going off to college face many new challenges and are placed in new environments that must be provided with adequate levels of fire safety. In FY15, fire marshal inspectors conducted 67 inspections for new construction, additions and/or remodeling of dormitories, both public and private.

Educational Facilities:

Students whether by reason of age or the high concentration within a relatively small area, must be provided a safe environment. To ensure that these areas provide an adequate level of fire safety, fire safety inspections are conducted on all new construction, additions and remodeling of all educational facilities, including charter and K-12 schools, colleges and universities both public and private. During FY15, field services inspected 2,175 projects in these facility types.



Health Care Facilities: Occupancies of these facilities are generally not capable of self-preservation or evacuation in the event of a fire or other emergency and therefore are built to specific level of resistance to fire. In FY15, Field Services inspected 959 new constructions, additions and remodeling of existing facilities as well as 696 annual and/or federal inspections of all licensed health care facilities in accordance with state rules for licensing and compliance with federal certification (CMS) rules.

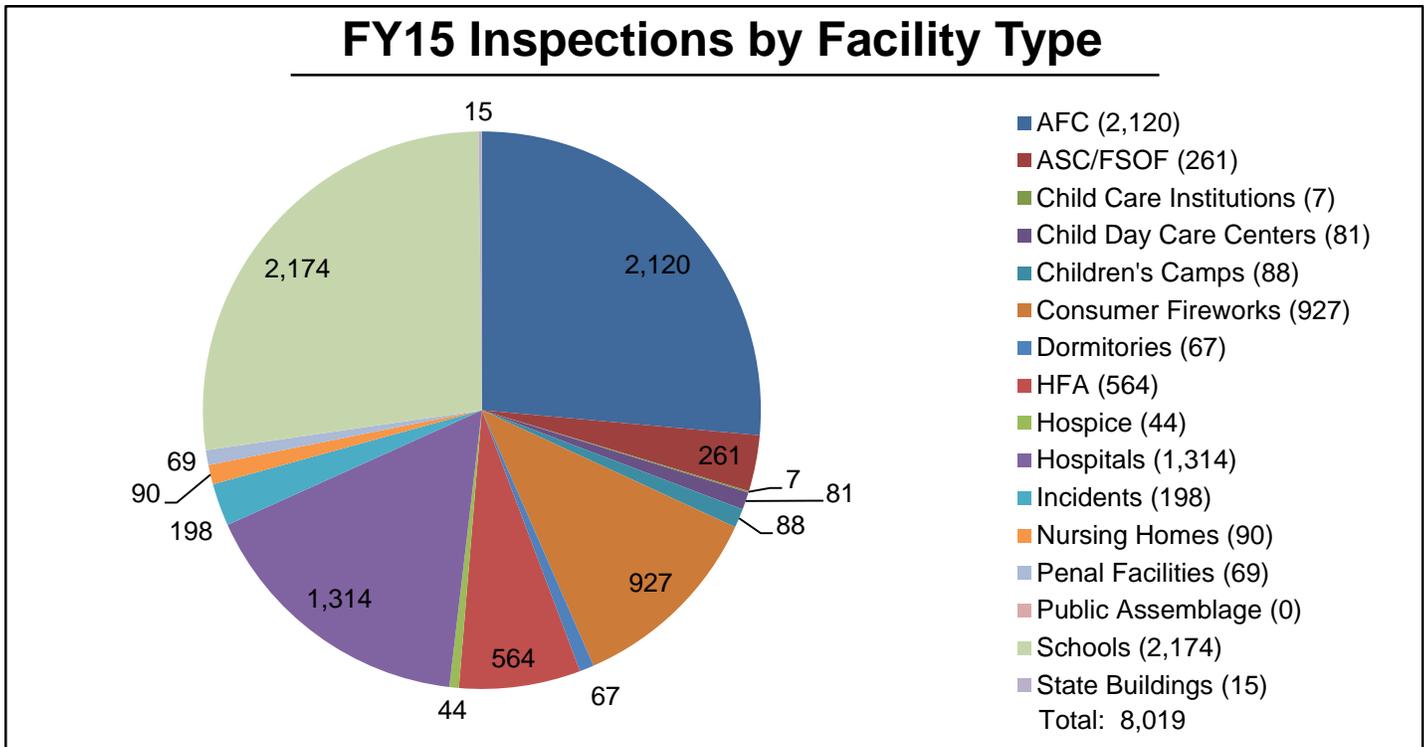
Penal Institutions: Fire inspectors conducted 69 fire safety inspections of all inmate-occupied facilities including new construction, additions, and remodeling of state and local correctional facilities in Michigan.

Places of Public Assemblage: The Office of the Auditor General (OAG) conducted a Performance Audit of the Bureau and their Report of April 2014 found:

- The bureau did not ensure places of public assembly obtained certification of maximum capacity and compliance with the Fire Prevention Code prior to establishment or operation.
- The Bureau did not ensure that it conducted annual fire safety inspections of all places of public assemblage and did not seek amendatory legislation regarding the inspection of places of public assemblage according to [MCL 29.21c](#) and [MCL 29.21d](#) of the Fire Prevention Code which requires annual inspections of places of public assemblage. These include churches, halls, theaters, restaurants, libraries, malls, stores, and museums.

The Bureau developed an ad hoc committee that consists of representatives from the fire industry to research and submit a report of their findings to the OAG. The meetings concluded in FY15.

State Owned/Leased Buildings: Field Services conducted 1 inspection of new construction, addition and remodeling of existing state owned or leased buildings.



Field Services

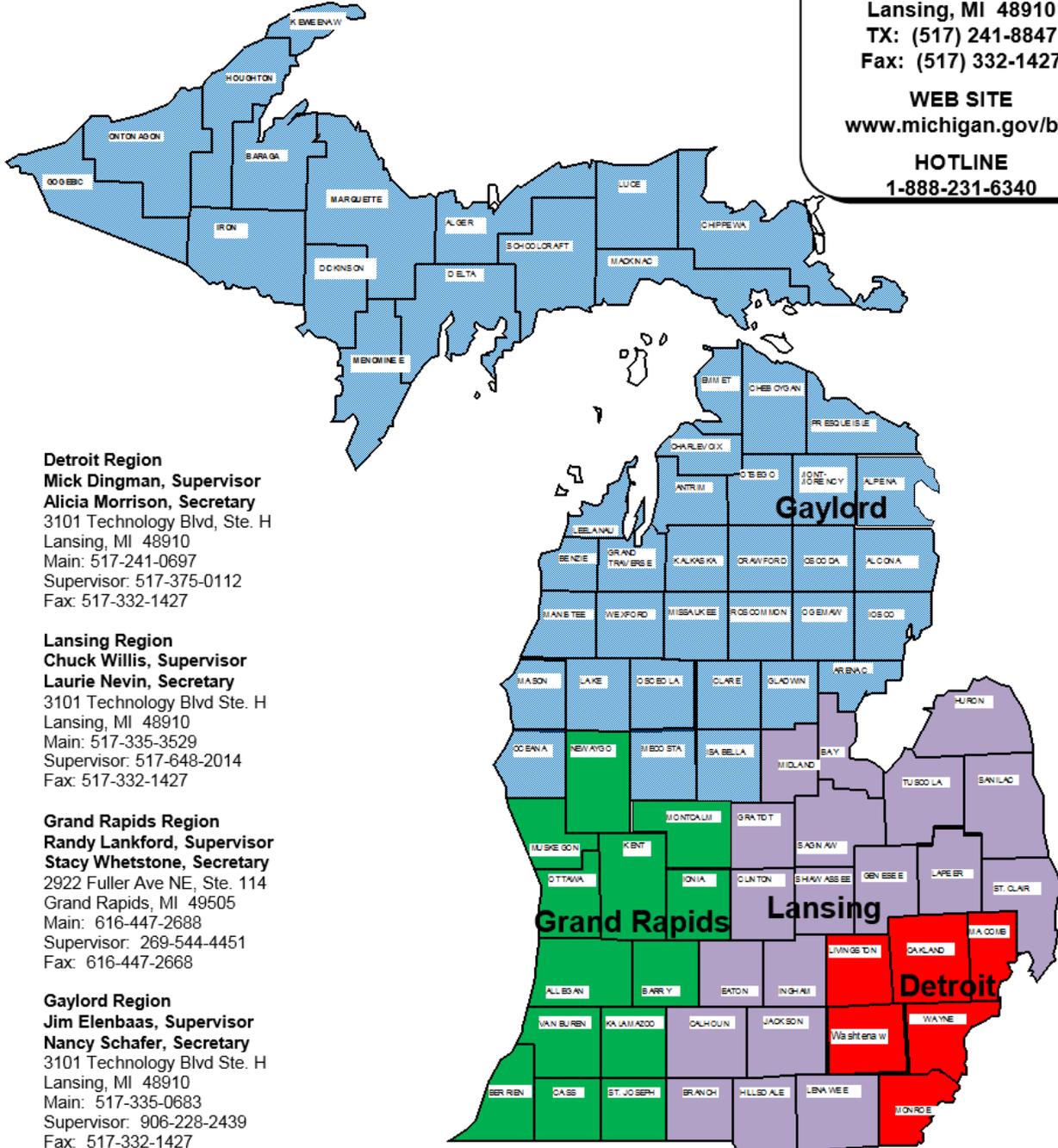
bfsmap (10/14/2014)

Department of Licensing and Regulatory Affairs Bureau of Fire Services Fire Marshal Inspection Regions

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Fax: (517) 332-1427

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Field Services

Certified Fire Inspector Program: This certification program utilizes the [National Fire Protection Association \(NFPA\)](#) Fire Inspector I certification process to certify fire inspectors in Michigan. The program is based on the job performance requirements of NFPA 1031. Applicable sections were utilized in the development of Section six, Continuing Education.

Certification Requirements: State-certified fire inspectors (SCFI) must earn a minimum of 10 continuing education points per year and a total of 60 points during the three-year recertification period. Inspectors entering the cycle at a point less than three years will be prorated in accordance with the existing certification cycle. Continuing education points may be obtained by participating in approved educational activities, where the primary objective is to increase the professional competence of fire inspectors. The activity must be an organized activity directly related to the practice of fire and life safety or the duties of a fire inspector. Continuing education points are earned by 1 hour spent in training toward continuing education requirements, excluding time spent for lunches, breaks, or other non-training functions.

BFS continues to work very closely with the Michigan fire service to update fire inspectors on pertinent issues relative to fire and life safety.

To qualify for certification as a certified fire inspector, an applicant shall have met all of the following requirements pursuant to the [Fire Inspector Certification Administrative Rules, R29.502](#):

- Be at least 18 years of age or older.
- Have graduated from an accredited high school or have received a general education development test certificate from the Department of Education.
- Be able to read and write in English.
- Be of good moral character. For purposes of this rule a conviction of a misdemeanor or felony, which involves theft, dishonesty or false statement, shall be considered an indication that a person is not likely to serve in a fair, honest and open manner.
- Have not been convicted of any misdemeanor or felony reasonably related to, the person's ability to perform as a fire inspector.
- Achieve a score of 75% or better on each examination described in R29.503.
- Maintain employment by a governmental

agency as a fire inspector supervisor, or a fire inspector conducting fire inspections for not less than 4 hours per week.

- Hold an NFPA fire inspector I certification, or the equivalent, as determined by the Bureau of Fire Services in consultation with the state fire safety board.

This program is designed to certify those individuals who wish to obtain state certification as a fire inspector and/or obtain delegation of authority to conduct fire safety inspections on behalf of the state fire marshal in state-regulated facilities pursuant to [Public Act 207 of 1941](#), as amended, the Michigan Fire Prevention Code. This program does not prohibit a city, village or township from employing persons who are not state-certified as fire inspectors to conduct fire inspections under the locally adopted fire code.

Certified Fire Inspector (CFI) Training Program: The CFI training program provides extensive fire code enforcement training for Michigan fire inspectors. Certified fire inspectors are required to be recertified every three years. The section is responsible for coordination, in conjunction with an external committee of nationally recognized fire inspectors, of a certified fire inspectors training program developed by the NFPA. The section is also responsible for maintaining records and approving courses for fire inspector recertification.



Centers for Medicare and Medicaid Services

CMS Life Safety Code Training Courses: The federal register for the Centers for Medicare and Medicaid Services (CMS) administration certification monitors contract compliance of the state contractor for the qualified fire inspector program, and is the fire safety authority for rule interpretation and technical application for this program. The state agencies are to ensure that surveyors are trained to survey for all regulatory requirements and have the necessary skills to perform the survey.

Staff Training: Per the State Operations Manual (SOM) 4003.2A, all state agency health care facility surveyors must successfully complete the basic life safety course within the first year of employment and other specified training as necessary and required by the federal government.

Principles of Documentation (POD): This training provides guidance on how to structure a written deficiency statement, including legal aspects of the statement of deficiencies and documenting necessary information to support the determination of non-compliance.

Basic Life Safety Code: The Basic Life Safety Code course is required for all new LSC survey staff that will be performing CMS LSC surveys within the first year of employment. This training covers the adopted standard NFPA, Life Safety Code, 2000 Edition, and any survey and certification formal guidance issued by CMS (POD is a prerequisite of this course).

Fire/Smoke Zone Evaluation Worksheet/Health Care: Fire/Smoke zone evaluation worksheet/health care is required for any LSC surveyor who will conduct or review a Fire/Smoke Zone Evaluation using NFPA 101A, which is an alternative approach or an equivalency to meeting requirements of the LSC (Basic LSC is a prerequisite of this course).

National Fire Protection Association 99 - Health Care Facilities: NFPA 99 is a mandatory reference document required by the LSC. It addresses life safety requirements of complex issues such as electrical systems, generators, medical gases, hyperbaric chambers, laboratories and flammable anesthetizing locations in health care facilities.

CMS directs activities relative to the Medicare/Medicaid (MM) funding provided to state licensed and federally certified health care facilities in the state of Michigan. Health care facilities include nursing homes, hospital long term care units, county medical care facilities, hospitals, critical access hospitals, psychiatric hospitals, freestanding surgical outpatient facilities and hospice residences.

CMS develops national policies and procedures, which

support and assure effective state program administration and beneficiary protection. CMS develops, interprets and applies specific laws, regulations and policies, and directly governs the operation and management of the M/M Program providing assistance to the state agency (SA). CMS measures the performance of the SA to improve the quality of the operations.

BFS conducts LSC surveys on behalf of the CMS as prescribed in the Code of Federal Regulation (CFR) for M/M funding and an interagency agreement with the Bureau of Health Care Services. Effective October 2014, the agreement was changed to have all LSC survey authority for long-term care facilities (nursing homes) transferred to the BCHS along with 4 BFS fire inspectors. BFS retained the responsibility for all other health care facilities including hospitals and hospice residences.

It is also the responsibility of the state agency to assist facilities under special circumstances where justification in the form of a waiver, temporary waiver or equivalency concept, could be applied and approved to continue funding if the waiver of such unmet provisions would not adversely affect the health and safety of the residents. It would be the responsibility of the state agency to monitor the progress/milestones of the corrective action along with additional safety measures put in place during the waiver period and to report these findings to CMS.

For FY15, BFS conducted 5 recertification surveys for health care facilities that were not accredited, 9 validation surveys on behalf of CMS to verify that the accrediting bodies were effectively enforcing CMS program requirements, and 2 surveys of hospice residences.



Fireworks Program

In December 2011, Gov. Rick Snyder signed the [Michigan Fireworks Safety Act, P.A. 256 of 2011](#), the Michigan Fireworks Safety Act, which allows the sale and use of consumer-grade fireworks in Michigan. Consumer-grade fireworks, labeled 1.4G fireworks, are those that leave the ground and contain higher levels of explosive mixture than low-impact fireworks—ground-based devices containing 500g or less of explosive mixture that have long been legal for sale and use in Michigan. [Examples of consumer-grade fireworks](#) include bottle rockets, Roman candles and firecrackers.

According to the Michigan Fireworks Safety Act, [MCL 28.462, Section 12](#), prohibits a person from ignition, discharge, or use of consumer fireworks on public property, school property, church property, or the property of another person without express permission. State law makes it illegal to sell consumer-grade fireworks to minors and to discharge both consumer-grade and low-impact fireworks when intoxicated or under the influence of a controlled substance. When fire-related incidents involve consumer, low impact, or illegal fireworks resulting in property damage, injury or death of another person, individuals are subject to being convicted of a misdemeanor or felony punishable by imprisonment of not more than 15 years and fines of up to \$10,000 or both, depending upon the severity of the crime.



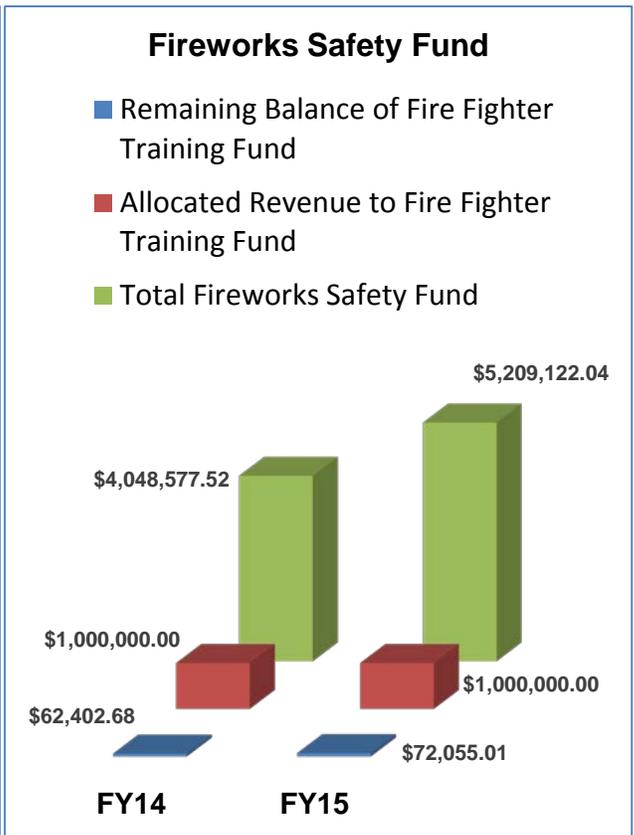
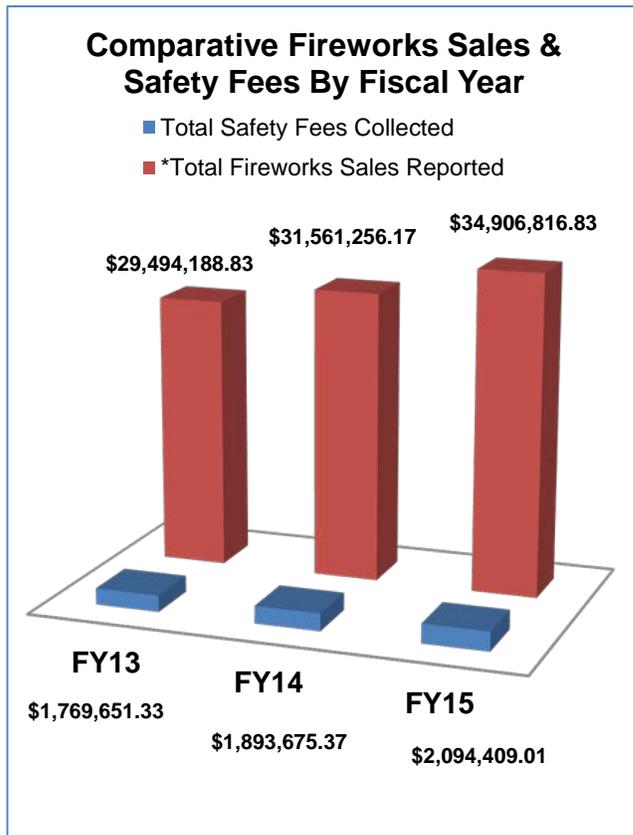
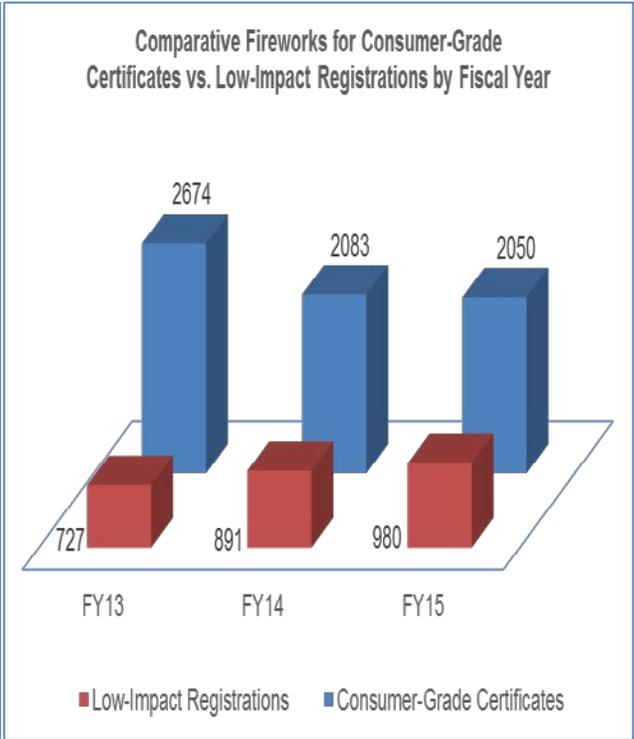
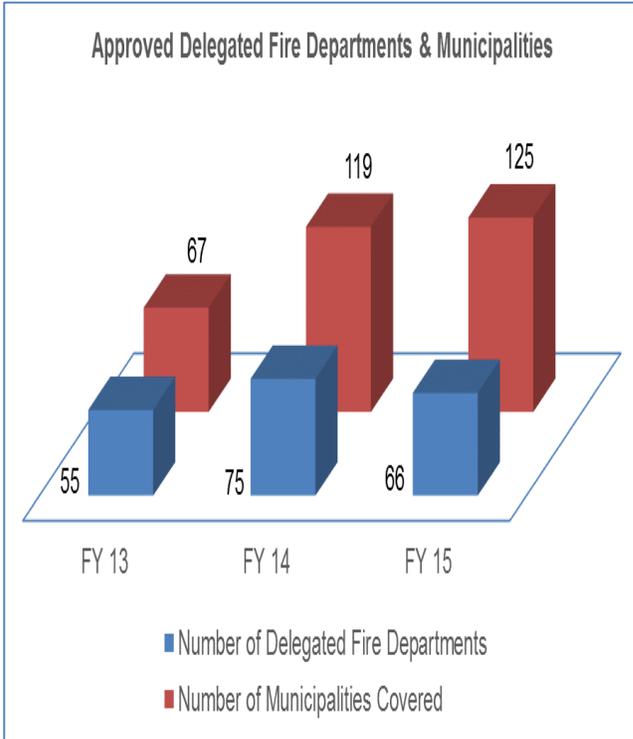
The Michigan Fireworks Safety Act 256 of 2011 regulates the purchase, possession, sale and use of certain fireworks in the state. The Bureau's current staff administers the provisions of this law. The Michigan Fireworks Safety Act through the Fireworks Safety Fund now provides a funding source for firefighter training in the state which previously was legislatively supported but never funded. Prior to 2011 there was minimal funding available to the 83 counties to deliver training to firefighters. Currently there is \$1 million dollars allocated for disbursement to the 83 counties according to the formula in PA 291 of 1966, [MCL 29.374, Section 14\(2\)](#). State-funded training dollars are moving directly to local fire departments and helping to alleviate their financial shortcomings for training operations. Funds will be distributed under the policies and procedures of the BFS and the Michigan Fire Fighters Training Council (FFTC).



A local unit of government cannot enact an ordinance, code, or regulation pertaining to or in any manner regulating the sale, display, storage, transportation, or distribution of consumer-grade fireworks, but can enact an ordinance regulating the ignition, discharge, and use of consumer grade fireworks anytime other than the day before, day of and day after a national holiday.

Pursuant to PA 256 of 2011, [MCL 28.461, Section 11\(5\)](#) and [MCL 28.469, Section 19](#) allows for LARA to delegate inspection duties under this act to 1 or more local units of government/governing body (city, village or township) to carry out inspections for approved fireworks facilities in their jurisdiction. For FY15, 66 departments elected to participate covering 125 local municipalities. This program has resulted in a timelier inspection process as well as better enforcement capability by BFS.

Fireworks Program



*The sales amounts are an estimate based on actual revenue transactions posted to the State accounting system and does not reflect additional sales where the permanent sites may keep 1% of the sales fee for processing efforts.

National Fire Incident Reporting System (NFIRS)



Pursuant to the [Fire Prevention Code, Public Act 207 of 1941](#), [MCL 29.4](#) and [MCL 29.5g](#) require the chief of each organized fire department in Michigan to file a complete incident report with the BFS. The BFS requires the use of National Fire Incident Reporting System (NFIRS).

To understand the cause of fires in Michigan, develop new strategies to combat fire issues and fire prevention, it is important to have complete, reliable data for all fire incidents in Michigan.

Through the provision of an automated reporting system, the State Fire Marshal, the BFS, and local fire departments are able to ensure accurate data and documentation of fire department fire activities. However, the data obtained is only as accurate as what the local fire departments report.

Out of the 1,029 departments in the state 772 (75 percent) reported their fire data into the NFIRS system. The BFS is continually working to assist fire departments to report their data on all fires, hazardous materials incidents, civilian injuries and deaths, fire service staff injuries and deaths associated with fire, whether during a response or not.

2015 STATISTICS

\$344,517,626 Property and content loss

1,619 Arson fires

6,577 Suspicious fires

2,329 Cooking fires

289 Heating fires

9,366 Structure fires

5,681 Other/outside

4,829 Mobile fires

FY15 Top Six Areas of Origin in Residential Fires

Kitchen: 1,430, 7 deaths, 93 injuries
Living Room: 646 fires, 15 deaths, 28 injuries
Bedroom: 438, 9 deaths, 35 injuries
Garage: 469, 2 deaths, 13 injuries
Laundry Area: 355, 2 deaths, 12 injuries
Basement: 78, 0 deaths, 0 injuries



National Fire Incident Reporting System (NFIRS)

FY15 Arson/Suspicious Fires by County

As reported by Michigan fire departments participating in the fire incident reporting system (NFIRS).

Please Note: Counts do not include mutual aid or exposures.

County	*Total All	Property/Contents	Arson	Suspicious	% Determined	Total \$ Loss	% of \$ Loss	Arson/Suspicious	Arson/Suspicious
	Fires	\$ Loss for All Fires	Fires	Fires	Arson/Suspicious	Arson/Suspicious	Arson/Suspicious	Civilian Deaths	Civilian Injuries
01-Alcona	41	\$ 736,652	1	2	14%	\$ 35,002	5%	0	0
02-Alger	19	\$ 1,926,000	1	3	21%	\$ 1,122,000	59%	0	0
03-Allegan	165	\$ 16,467,800	9	21	19%	\$ 15,818,300	96%	0	0
04-Alpena	82	\$ 2,052,500	6	11	21%	\$ 396,000	20%	0	0
05-Antrim	67	\$ 1,885,150	7	10	26%	\$ 1,702,500	91%	1	0
06-Arenac	53	\$ 686,900	9	14	44%	\$ 203,700	30%	0	0
07-Baraga	3	\$ 5,000	0	1	34%	\$ 5,000	100%	0	0
08-Barry	120	\$ 3,597,601	6	26	27%	\$ 2,095,050	59%	1	0
09-Bay	251	\$ 1,639,362	12	50	25%	\$ 1,210,728	7400%	2	2
10-Benzie	37	\$ 319,500	0	1	3%	\$ -	0%	0	0
11-Berrien	203	\$ 3,042,750	9	48	28%	\$ 1,959,350	65%	1	0
12-Branch	129	\$ 1,421,290	12	14	21%	\$ 643,650	46%	0	2
13-Calhoun	333	\$ 1,547,820	27	83	33%	\$ 744,365	48%	2	0
14-Cass	178	\$ 4,076,360	13	27	23%	\$ 2,540,350	63%	0	0
15-Charlevoix	47	\$ 1,485,450	2	12	30%	\$ 631,250	43%	1	0
16-Cheboygan	26	\$ 449,000	1	2	12%	\$ 22,500	5%	0	0
17-Chippewa	96	\$ 4,089,552	4	21	26%	\$ 2,020,750	50%	1	1
18-Clare	171	\$ 1,016,800	13	65	46%	\$ 263,000	26%	3	1
19-Clinton	111	\$ 351,290	10	11	19%	\$ 15,800	5%	0	0
20-Crawford	158	\$ 141,712	3	5	5%	\$ 76,500	54%	0	0
21-Delta	53	\$ 421,585	4	5	17%	\$ 222,500	53%	0	0
22-Dickinson	56	\$ 134,550	1	10	20%	\$ 900	1%	0	1
23-Eaton	263	\$ 4,036,354	20	46	25%	\$ 1,779,330	44%	1	3
24-Emmet	91	\$ 784,250	2	8	11%	\$ 482,200	62%	0	0
25-Genesee	1,104	\$ 12,126,995	147	265	38%	\$ 5,524,513	46%	0	6
26-Gladwin	30	\$ 529,202	2	5	24%	\$ 165,002	32%	0	0
27-Gogebic	19	\$ 36,000	1	2	16%	\$ 15,000	42%	0	0
28-Grand Traverse	132	\$ 802,793	4	28	25%	\$ 558,060	70%	1	0
29-Graiot	98	\$ 139,400	23	29	53%	\$ 48,100	35%	1	0
30-Hillsdale	81	\$ 765,100	1	16	21%	\$ 11,100	2%	0	0
31-Houghton	39	\$ 69,350	0	5	13%	\$ 15,000	22%	0	0
32-Huron	57	\$ 691,300	1	8	16%	\$ 141,000	21%	0	0
33-Ingham	541	\$ 6,607,589	28	133	30%	\$ 2,592,985	40%	4	2
34-Ionia	153	\$ 1,645,048	9	43	34%	\$ 1,101,368	67%	2	0
35-Iosco	64	\$ 842,100	0	16	25%	\$ 400,100	48%	0	3
36-Iron	20	\$ 174,600	1	0	5%	\$ -	0%	0	0
37-Isabella	229	\$ 3,971,952	43	62	46%	\$ 2,104,539	53%	0	0
38-Jackson	378	\$ 4,422,669	21	66	23%	\$ 2,277,734	52%	5	6
39-Kalamazoo	681	\$ 7,513,418	27	141	25%	\$ 5,321,369	71%	2	4
40-Kalkaska	64	\$ 602,075	3	10	21%	\$ 91,000	16%	0	0
41-Kent	1,463	\$ 14,000,717	60	274	23%	\$ 7,044,810	581%	1	4
42-Keweenaw	4	\$ 350	0	0	0%	\$ -	0%	0	0

National Fire Incident Reporting System (NFIRS)

County	*Total All Fires	Property/Contents \$ Loss for All Fires	Arson Fires	Suspicious Fires	% Determined Arson/Suspicious	Total \$ Loss Arson/Suspicious	% of \$ Loss Arson/Suspicious Arson/Suspicious	Arson/Suspicious Civilian Deaths	Arson/Suspicious Civilian Injuries
43-Lake	64	\$ 22,500	1	10	18%	\$ -	0%	0	1
44-Lapeer	149	\$ 2,502,320	6	21	19%	\$ 1,337,700	54%	0	0
45-Leelanau	21	\$ 235,475	1	2	15%	\$ 5,200	3%	0	0
46-Lenawee	179	\$ 1,741,620	18	32	28%	\$ 936,400	54%	0	1
47-Livingston	394	\$ 5,145,684	19	76	25%	\$ 2,324,810	46%	3	1
48-Luce	0	\$ -	0	0	0%	\$ -	0%	0	0
49-Mackinac	14	\$ 77,550	0	1	8%	\$ -	0%	0	0
50-Macomb	1,557	\$ 23,780,623	60	281	22%	\$ 11,447,872	49%	3	13
51-Manistee	58	\$ 382,800	6	10	28%	\$ 194,700	51%	0	0
52-Marquette	122	\$ 820,500	8	18	22%	\$ 306,500	38%	0	0
53-Mason	67	\$ 1,206,533	2	8	15%	\$ 152,100	13%	0	0
54-Mecosta	124	\$ 1,118,526	12	29	33%	\$ 751,701	68%	0	0
55-Menominee	48	\$ 511,502	4	9	23%	\$ 383,402	75%	0	0
56-Midland	188	\$ 3,507,070	11	35	25%	\$ 1,269,690	37%	0	1
57-Missaukee	44	\$ 560,011	1	4	12%	\$ 226,000	41%	0	0
58-Monroe	268	\$ 4,560,863	5	71	29%	\$ 2,452,170	54%	1	0
59-Montcalm	219	\$ 3,386,950	27	33	28%	\$ 948,850	28%	0	1
60-Montmorency	33	\$ 36,000	7	0	22%	\$ 22,000	62%	0	0
61-Muskegon	604	\$ 5,414,601	22	110	22%	\$ 2,270,922	42%	2	1
62-Newaygo	69	\$ 773,550	4	11	22%	\$ 376,500	49%	0	0
63-Oakland	1,649	\$ 20,436,944	54	235	18%	\$ 10,644,340	52%	3	10
64-Oceana	64	\$ 127,750	4	15	30%	\$ 30,000	24%	0	0
65-Ogemaw	59	\$ 523,700	4	5	16%	\$ 44,500	9%	0	0
66-Ontonagon	5	\$ 5,000	0	0	0%	\$ -	0%	0	0
67-Osceola	66	\$ 148,500	0	25	38%	\$ 142,500	96%	0	0
68-Oscoda	40	\$ 693,960	2	7	23%	\$ 63,000	9%	0	0
69-Otsego	36	\$ 373,000	1	12	37%	\$ 327,000	88%	0	3
70-Ottawa	399	\$ 7,670,329	19	74	24%	\$ 6,106,184	80%	1	3
71-Presque Isle	31	\$ 559,800	0	0	0%	\$ -	0%	0	0
72-Roscommon	79	\$ 672,499	1	11	16%	\$ 459,699	69%	0	0
73-Saginaw	889	\$ 6,181,558	125	127	29%	\$ 3,084,802	50%	2	1
74-St Clair	368	\$ 1,871,407	20	103	34%	\$ 1,350,248	73%	6	2
75-St Joseph	65	\$ 508,590	2	12	22%	\$ 100,000	20%	0	1
76-Sanilac	56	\$ 1,598,529	5	13	33%	\$ 1,320,000	83%	0	0
77-Schoolcraft	23	\$ 751,600	0	6	26%	\$ 750,000	100%	0	0
78-Shiawassee	105	\$ 1,918,050	9	29	37%	\$ 1,600,400	84%	0	0
79-Tuscola	137	\$ 5,998,250	8	33	30%	\$ 2,665,800	45%	0	2
80-Van Buren	210	\$ 1,430,352	15	25	19%	\$ 548,800	39%	0	2
81-Washtenaw	643	\$ 9,617,146	44	99	23%	\$ 5,418,330	57%	1	0
82-Wayne	7,843	\$ 118,344,448	543	3,362	50%	\$ 88,568,357	75%	31	61
83-Wexford	105	\$ 2,473,100	6	24	29%	\$ 1,787,100	73%	1	0
Totals	25,004	\$ 344,945,076	1,619	6,577	33%	\$ 211,819,982	62%	83	139
					(State Average)		(State Average)		

Fire Fighter Training Division

The Fire Fighter Training Division (FFTD) serves the training needs of the state's 1,029 fire departments and 33,327 fire fighters. They are split into two categories: paid **career** (8,929), part-paid/non-paid **volunteer** (24,398).



RESPONSIBILITIES OF THE FFTD

To prepare and publish standards with due consideration to varying factors and special requirements of organized fire departments in the following areas:

- Prepare and publish training standards
- Establish instructor qualifications and certification
- Establish courses of study
- Evaluate qualifications and certify instructors
- Develop and administer certification examinations for new fire fighters
- Develop/provide electronic forms of video display to assist in the training of fire fighters
- Establish regional training centers to assist with fire fighter training
- Cooperate with state, federal and local agencies for training of fire fighters
- Issue certificates of training and maintain individual training records

SERVICES PROVIDED BY FFTD

Mandatory Fire Fighter Testing: [PA 291 of 1966](#), as amended, requires new fire fighters to pass a certification exam. An exam is administered at the conclusion of each Fire Fighter I & II program. The council, upon the request of an organized fire department, shall administer the examination in each county at least once every year.

Curricula: The FFTD maintains a menu of more than 50 courses ranging from basic fire fighter training to administrative level courses for fire officers. If courses meeting Michigan's needs are available commercially or from the National Fire Academy, they are given first consideration.

Driver Training: Pursuant to the Michigan Vehicle Code, [PA 300 of 1949](#), [MCL 257.312\(e\) \(11\)](#), exempts a fire fighter operating an authorized emergency vehicle who has met the driver training standards published under PA 291 of 1966 Fire Fighters Training Council Act, MCL 29.361 to 29.377. This is of significant benefit to all fire departments.

Video Loan Library: The FFTD maintains a library of videos related to current fire training, as well as Hazardous Materials videos. The library supplements the courses offered and are available upon request.

Certified Instructors: The FFTD certifies and maintains a list of approximately 1,500 instructors who are authorized to instruct FFTD courses. They contract with the county training committees, Regional Training Centers and individual fire departments. There are certified instructors in every county in the state to accommodate delivery of training.

Instructor Liability: Public Act 456 of 1988 grants immunity to FFTD certified, approved and contracted instructors for tort damages caused by ordinary instructor negligence. This vital component of the fire training system is reliant upon the participation of the FFTD.

Allocation of County Training Funds: Pursuant to PA 291 of 1966, [MCL 29.374\(2\)](#); at the beginning of the state's fiscal year, each county training committee is notified of their annual training allocation based on their 70% of county population and 30% of square miles within the county.

Record Keeping: Certificates of training and State Certification for Fire Fighters and Fire Service Instructors are issued upon successful completion of the requirements established by the FFTD. Since October 1, 1966 an electronic record has been maintained of all training an individual receives through the FFTD. Prior to that time, only records of Fire Fighter I & II, Driver Training and Fire Officer I, II and III certifications were maintained physically.

Fire Fighter Training Division

PROGRAMS AND SERVICES ARE DELIVERED BY

The State Fire Marshal is responsible for statewide implementation and administration of the Fire Fighters Training Council Act, Public Act 291 of 1966, MCL 29.369, Section 9(1), as amended. This position is also responsible for program administration, personnel management, fund disbursement, complaint investigations and represents the BFS at various meetings and functions.

Curriculum Specialist (VACANT): This position is responsible for Curriculum Services and has the following responsibilities:

- Directs evaluation, implementation and maintenance of curricula
- Directs evaluation, implementation and maintenance of testing
- Directs development/procurement and distribution of training materials
- Directs field administration of FFTD programs and services
- Directs management of the FFTD's records database
- Conducts train-the-trainer programs for instructors
- Serves as liaison to National Fire Academy Grant writing

Region Coordinators: The FFTD divided the state into two regions and has a region coordinator overseeing those assigned regions. Region 1 consists of 55 counties and is based in Escanaba; Region 2 has 28 counties and is based in Lansing. Each region coordinator has the following responsibilities:

- Oversees the evaluation of instructors and training classes
- Recommends the establishment of training classes
- Approves contracts for funded classes
- Oversees administration of fire fighter certification examinations
- Provides technical direction and assistance regarding training, testing and certification
- Assists with train-the-trainer programs
- Assists with curriculum development
- Assists with development and revision of policies and procedures



Training Coordinators (TC): The FFTD has 18 TC (*contract employees*), each assigned to a region, to assist with regional delivery of programs and services. Contract TC's must be a FFTD-certified instructor with a minimum of 10 years fire service experience preferred. TC's receive an hourly rate of pay. They receive all work assignments from the region coordinator. Each TC has the following responsibilities:

- Provides assistance regarding training, testing and certification
- Evaluates instructors and classes
- Proctors fire fighter and fire service instructor certification exams

County Training Committees (CTC): The FFTD oversees CTC's in each of the 83 counties to assist with the delivery of training. CTC's are structured to represent the fire departments and fire service organizations within the county. The CTC's are of critical importance to BFS. Each CTC provides the following services:

- Surveys county training needs
- Schedules and coordinates training
- Authorizes expenditure of FFTD allocated county training funds
- Disseminates training information

Regional Training Centers: There are 12 colleges and three municipal owned regional training facilities that are FFTD approved. They deliver training to meet the needs of individuals, local fire departments and county training committees. They are:

Kirtland Community College	Muskegon Community College
Delta Community College	Northwest Regional Training Center
Kalamazoo Valley Community College	Oakland Community College
Lake Superior State University	St. Clair County Community College
Macomb Community College	Schoolcraft Community College
Baker College of Jackson	Wayne County Community College
Lansing Community College	Detroit Fire Training Academy
Grand Rapids Fire Academy	

GRANTS

The FFTD applies for grants for the training needs of firefighters as they become available.

Hazardous Materials Emergency Preparedness Grant: This funding comes from a Hazardous Materials Emergency Preparedness Department of Transportation grant to provide hazardous materials training to firefighters. This funding is to be used for hazardous materials operations and/or NIMS ICS for the fire service courses only. The FFTD is a sub-grantee for this Department of Transportation grant.

DHS/NFA State Training Grant Assistance: This funding may ONLY be used for state/local partner sponsored 2-day, 6-day and 10-day off campus courses and state fire training office approved courses.

Assistance to Firefighters Grant (AFG): The FFTD was awarded an AFG grant in FY15 in the amount of \$500,000 to update software and hardware for the department. The System Maintenance of Knowledge and Education (SMOKE) program is in place and is currently undergoing an improvement cycle.

The fire service consists of 1,029 fire departments throughout the state of Michigan which are staffed by either volunteer-part paid or non-paid and career. The situation is further exacerbated due to the large turnover with this group, placing additional demand on state and local resources.



FY15 Training Summary

- 2055 new fire fighters tested and certified
- 452 training courses administered
- 14492 students successfully completed courses

Michigan Fire Fighters Training Council

The Michigan Fire Fighters Training Council (MFFTC) was established by Public Act 291 of 1966. The governor appoints six of the seven Council members and the State Fire Marshal is an ex-officio member. Council members represent the following organizations:

NAME	TERM	ORGANIZATION
Brian Blomstrom	12/31/18	Michigan Fire Service Instructors Association
Timothy James, Chair	12/31/18	Michigan Association of Fire Chiefs
Chad Tackett	12/31/18	Michigan Association of Fire Chiefs
Joel Hondorp	12/31/18	Michigan Municipal League & Michigan Townships
Aileen Pettinger	12/31/18	Michigan Professional Fire Fighters Union
Terrence Blackmer	12/31/18	Michigan State Fireman's Association
Michael Deprez	Pleasure of Governor	Acting State Fire Marshal, Ex-Officio

Storage Tank Division

During the FY15 fiscal year, the Storage Tank Division has implemented changes to policies, procedures and enforcement for Bureau efficiencies and to create a customer friendly environment. Some of the recent changes would include:

- Sending owner/operators pre-inspection notification noting items to have during inspection process
- Continue to provide training for staff for effective enforcement processes
- Continue to red-tag facilities for failure to meet the statutory requirements
- Bi-monthly stakeholders meetings
- Priority list for inspectors to improve efficiency
- Reduction in the backlog of re-inspections

With all these new processes and procedures in place, the Bureau can ensure inspections are statutorily met while still maintaining the visions and goals of the Bureau.

Michigan Storage Tank Rules



The Storage Tank Division enforces five different administrative rules. The following UST/AST Tank systems that require plan reviews and inspects are:

- Regulates underground storage tanks
- Gas stations
- Trucking companies
- Generator tanks
- Any petroleum or hazardous substance tank more than 110 gallons (Note: Farm or residential tanks below 1,100 gallons are exempt)



FL/CL Rules (NFPA 30, 30a, 31, 37) Flammable and Combustible Liquids

Regulates the installation of new aboveground storage tank (AST) systems containing petroleum and other substances with a flash point less than 200 degrees Fahrenheit and also maintains the certification of new and existing ASTs, containing a liquid with a flash point less than 200 degrees Fahrenheit.

CNG Rules (NFPA 52) Compressed Natural Gas

Regulates the installation of new Compressed Natural Gas (CNG) Vehicular Fuel Systems. The BFS-STD also maintains the certification of all CNG systems that operate in this state.



LPG Rules (NFPA 58) Liquefied Petroleum Gas

Liquefied Petroleum Gas containers (tanks) with a capacity of more than 2,000 gallons or has two or more tanks with an aggregate capacity of 4,000 gallons. LPG Container filling locations regardless of size.



Hydrogen Rules (NFPA 50A 50B) Liquefied Hydrogen and Gaseous Hydrogen

Liquefied Hydrogen; regulates all containers regardless of size. Hydrogen; the container must have a content larger than 400 square cubic feet.



In FY15 there were:

6,880 UST facilities, 18,072 tanks
3,763 AST facilities, 7,271 tanks

Storage Tanks Division

Field inspectors inspect the above facilities triennially. The inspectors conduct triennial inspections for approximately 2,567 UST facilities and 1,418 AST facilities annually with a total of 9,482 onsite inspections each year including re-inspections. There are currently 17 inspectors in the division. The Storage Tank Division's seven centralized Lansing staff responsibilities include:

- Review of Financial Responsibility documents required owners/operators
- Processing thousands of registration forms
- Reviewing approximately 420 plan reviews
- Reviewing approximately 163 site assessments
- Processing 3,400 requests made through the Freedom of Information Act (FOIA)
- Processing 17 Product review and approval
- Processing 21 variance requests to rules

FY15 Triennial Inspection Statistics	
Total Number of Underground Storage Tank Inspections	2567
Total Number of Aboveground Storage Tank Inspections	1418
Total Number of Onsite and Re-inspections	9482

by

Inspections for Aboveground (AST) and Underground (UST) Storage Tank Facilities

Inspection Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
Closure Inspection	12	3	6	7	0	3	12	11	8	7	12	11	92
Confirmed Release Investigation	0	0	0	0	0	0	0	0	1	0	0	0	1
Final Installation Inspection	39	26	54	26	16	16	26	27	33	37	29	33	362
Piping Installation Inspection	29	12	19	2	1	6	15	22	21	18	21	19	185
Records Investigation	120	90	106	89	69	69	61	43	44	65	44	62	862
Records Request	7	8	5	9	8	12	13	13	5	2	0	3	85
Reinspection	447	301	391	401	270	327	338	312	251	375	369	404	4,186
Site Inspection	23	10	17	11	7	18	22	17	15	22	27	18	207
Site Investigation	22	19	27	20	25	31	27	16	28	25	18	34	292
Suspected Release Investigation	0	0	0	0	0	1	0	0	1	0	0	0	2
Tank Installation Inspection	10	5	2	3	3	4	15	11	10	11	11	17	102
Triennial Inspection	77	119	145	146	163	169	94	109	114	104	77	101	1,418
Abandoned Facility Inspection	0	2	2	0	0	2	2	2	1	0	3	1	15
Existing Facility Inspection	242	140	130	131	160	221	268	248	303	278	202	244	2,567
Complaint Inspection	1	5	5	4	9	2	2	3	5	6	5	4	51
Total:	1,029	740	909	849	731	881	895	834	840	950	818	951	10,427

Storage Tank Division

627 Program

By Executive Order 3012-14 the 627 Program was transferred from the Department of Environmental Quality to the LARA, BFS effective December 3, 2012, which is an unfunded statutory mandate. Please note the requirements of the program did not change with this move.

The U.S. Environmental Protection Agency (US EPA) requires that all delivery vessels transporting gasoline be [tested yearly](#) per the EPA Method 27 for both pressure and vacuum leaks. This is required to help reduce the release of volatile organic compounds that cause air pollution. The requirement for this testing can be found in Act 451 of 1994, Part 55 which requires that all delivery vessels perform a pressure/vacuum test annually. The administration of Rule 336.1627, delivery vessels, specifically the acceptance and verification of documentation requirements described in US EPA Method 27 is performed by the Storage Tank Division.

The Storage Tank Division maintains the list of [approved tank trucks](#) on the Bureau website. This [list](#) shows tank truck test results received and approved over the past year. The list is sorted by tank owner and is updated on a regular basis. If a tank truck is not on this list, they are not allowed to receive or transport fuels in Michigan.



Reporting and Notification Requirements of Hazardous Material Incidents

Per the [Michigan Fire Prevention Code, Public Act 207 of 1941 \(PA 207\), Section 29.5g](#), incidents such as a fire, explosion, spill, leak, accident or related occurrence involving the transportation, storage, handling, sale, use or processing of hazardous material(s) by a firm, person or vehicle shall be reported immediately to the BFS.

After notification is made, pursuant to [PA 207, Section 29.5h](#), BFS will work with the organized local fire, responsible federal, state and local authorities and by a person other than the firm or vehicle involved in the incident. An investigation shall also be conducted to determine the cause and contributing report the findings which will be documented and kept on record at BFS.

Michigan Fire Organizations

[Michigan Citizen-Community Emergency Response Coordinating Council](#)

Commission Eastern Upper Peninsula Fire Association

International Association of Arson Investigators

[Michigan Chapter of the International Association of Arson Investigators](#)

[Michigan Association of Fire Fighters](#)

International Association of Special Investigative Units International Fire Service Training

[Michigan Arson Prevention Committee](#)

[Michigan Association of Fire Chiefs](#)

[Michigan Fire Service Instructors Association](#)

[Michigan Fire Inspectors Society](#)

[Michigan Fire Safe Foundation](#)

Michigan Homeland Protection Board

Michigan Homeland Protection Advisory Council

[Michigan Interagency Wildland Fire Protection Association](#)

Michigan Joint Fire Service Council

[Michigan Professional Firefighters Union](#)

[Michigan State Firemen's Association](#)

[National Fire Protection Association](#)

[National Association of State Fire Marshals](#)

[Northern Michigan Association of Fire Chiefs](#)

[Public Safety Communications Interoperability Board](#)

[Upper Peninsula Fire Chiefs Association](#)

Upper Peninsula Volunteer Firemen's Association

[Michigan Propane Gas Association \(MPGA\)](#)

[Michigan Petroleum Association \(MPA\)](#)

[Michigan Manufacturers Association](#)

[American Petroleum Institute \(API\)](#)

[Michigan Chemistry Council \(MCC\)](#)

[Associated Food and Petroleum Dealers \(AFPD\)](#)

[Michigan Municipal League \(MML\)](#)

[Health Care Association of Michigan \(HCAM\)](#)

[Michigan Townships Association \(MTA\)](#)

Department of Licensing and Regulatory Affairs

Bureau of Fire Services

3101 Technology Boulevard

Suite H

Lansing, MI 48909

www.michigan.gov/bfs

Attachment A

FY15 Revenues

Program Operations:

Aboveground Storage Tank Fees	\$616,108.60
Certificate Fees - Permanent Structure	\$225,400.00
Certificate Fees - Temporary Structure	\$430,200.00
Certificate Fees - Transfers	\$500.00
Confiscated Fireworks Sales	\$8,482.64
Fire Alarm Certification Fees	\$2,450.00
Fire Alarm Documentation Fees	\$85,670.00
Fire Safe Cigarette Fees	\$9,828.94
Fire Service Fees - Schools	\$1,448,614.65
Fireworks Safety Fees - Civil Fines	\$105,581.00
Annual Hospital Inspection Fees - Fire Safety	\$367,274.17
Fire Services Fees - Hospitals	\$510,720.03
Underground Storage Tank Fees	\$1,812,988.22
Total:	\$5,623,818.25

ATTACHMENT B**Fireworks Safety Fund
Allocations and Expenses for FY15**

County	Total Formula Allocation Amount	Initial FY15 County Allocation Amount	Current Budget Amount	Paid as of 9/30/15	Remain- ing Balance
Alcona	\$4,332.66	\$5,000.00	\$1,551.52	\$360.00	\$1,191.52
Alger	\$5,531.19	\$5,512.31	\$6,806.20	\$6,806.31	(0.11)
Allegan	\$12,314.02	\$12,054.16	\$14,934.73	\$13,494.16	\$1,440.57
Alpena	\$5,104.87	\$5,101.14	\$13,688.30	\$14,048.14	(359.84)
Antrim	\$4,181.86	\$5,000.00	\$6,638.25	\$5,660.00	\$978.25
Arenac	\$3,023.29	\$5,000.00	\$13,140.23	\$13,140.00	\$0.23
Baraga	\$5,381.22	\$5,367.68	\$4,316.81	\$3,058.00	\$1,258.81
Barry	\$7,112.77	\$7,037.71	\$8,701.57	\$8,701.71	(0.14)
Bay	\$9,920.67	\$9,745.84	\$12,066.55	\$9,745.84	\$2,320.71
Benzie	\$2,933.33	\$5,000.00	\$6,498.18	\$6,498.00	\$0.18
Berrien	\$14,066.15	\$13,744.03	\$17,034.47	\$13,744.03	\$3,290.44
Branch	\$5,793.84	\$5,765.63	\$1,355.33	\$1,355.00	\$0.33
Calhoun	\$13,315.85	\$13,020.39	\$16,135.32	\$16,135.39	(0.07)
Cass	\$6,300.40	\$6,254.19	\$7,060.83	\$6,559.50	\$501.33
Charlevoix	\$4,052.24	\$5,000.00	\$5,947.93	\$5,000.00	\$947.93
Cheboygan	\$5,625.02	\$5,602.81	\$8,807.65	\$8,807.81	(0.16)
Chippewa	\$11,025.44	\$10,811.36	\$4,739.14	\$2,160.00	\$2,579.14
Clare	\$5,172.44	\$5,166.32	\$1,209.97	\$ -	\$1,209.97
Clinton	\$8,388.27	\$8,267.89	\$10,230.13	\$10,229.89	\$0.24
Crawford	\$3,943.87	\$5,000.00	\$922.57	\$630.00	\$292.57
Delta	\$8,826.30	\$8,690.35	\$8,940.70	\$5,256.00	\$3,684.70
Dickinson	\$5,897.11	\$5,865.24	\$1,379.49	\$540.00	\$839.49
Eaton	\$10,701.74	\$10,499.16	\$14,635.58	\$3,846.00	\$10,789.58
Emmet	\$4,811.78	\$5,000.00	\$6,125.60	\$5,000.00	\$1,125.60
Genesee	\$33,014.08	\$32,018.74	\$33,171.60	\$29,411.00	\$3,760.60
Gladwin	\$4,467.42	\$5,000.00	\$2,935.05	\$2,600.00	\$335.05
Gogebic	\$6,985.67	\$6,915.12	\$9,760.25	\$4,545.25	\$5,215.00
Grand Traverse	\$8,775.23	\$8,641.10	\$8,290.11	\$10,774.10	(2,483.99)
Gratiot	\$5,995.45	\$5,960.08	\$4,008.57	\$3,366.00	\$642.57
Hillsdale	\$6,447.95	\$6,396.50	\$7,904.84	\$6,396.50	\$1,508.34
Houghton	\$7,940.93	\$7,836.44	\$17,617.71	\$17,618.12	(0.41)
Huron	\$6,733.57	\$6,671.98	\$7,977.14	\$6,347.98	\$1,629.16
Ingham	\$22,904.16	\$22,268.03	\$19,812.39	\$15,877.50	\$3,934.89
Ionia	\$7,560.06	\$7,469.10	\$9,237.60	\$9,237.00	\$0.60
Iosco	\$4,709.51	\$5,000.00	(0.32)	\$ -	(0.32)
Iron	\$7,008.35	\$6,936.99	\$7,437.44	\$6,053.74	\$1,383.70
Isabella	\$8,040.21	\$7,932.19	\$15,100.33	\$13,219.47	\$1,880.86
Jackson	\$15,077.18	\$14,719.14	\$17,667.45	\$14,797.50	\$2,869.95
Kalamazoo	\$21,011.13	\$20,442.25	\$25,357.31	\$25,597.00	(239.69)
Kalkaska	\$4,181.77	\$5,000.00	\$3,318.23	\$4,340.00	(1,021.77)

Kent	\$48,013.94	\$46,485.66	\$56,277.39	\$56,048.00	\$229.39
Keweenaw	\$3,022.75	\$5,000.00	\$0.10	\$ -	\$0.10
Lake	\$3,824.87	\$5,000.00	\$5,894.74	\$5,000.00	\$894.74
Lapeer	\$9,656.81	\$9,491.36	\$11,750.34	\$11,750.36	(0.02)
Leelanau	\$3,372.45	\$5,000.00	\$5,708.91	\$3,120.00	\$2,588.91
Lenawee	\$10,988.09	\$10,775.33	\$13,345.73	\$13,345.33	\$0.40
Livingston	\$15,948.97	\$15,559.95	\$18,335.88	\$14,605.00	\$3,730.88
Luce	\$5,232.52	\$5,224.26	\$6,448.28	\$6,448.26	\$0.02
Mackinac	\$6,209.32	\$6,166.35	\$7,618.87	\$7,619.35	(0.48)
Macomb	\$62,559.63	\$60,514.54	\$70,367.34	\$69,781.00	\$586.34
Manistee	\$4,624.11	\$5,000.00	\$5,269.70	\$5,270.00	(0.30)
Marquette	\$14,405.03	\$14,070.87	\$17,440.59	\$16,050.87	\$1,389.72
Mason	\$4,658.17	\$5,000.00	\$4,329.67	\$4,330.00	(0.33)
Mecosta	\$6,013.29	\$5,977.29	\$3,964.57	\$5,977.29	(2,012.72)
Menominee	\$7,226.70	\$7,147.58	\$6,813.09	\$6,525.00	\$288.09
Midland	\$8,676.05	\$8,545.44	\$13,906.00	\$12,257.44	\$1,648.56
Missaukee	\$4,061.09	\$5,000.00	\$5,950.00	\$5,540.00	\$410.00
Monroe	\$13,613.25	\$13,307.22	\$16,491.72	\$16,491.22	\$0.50
Montcalm	\$8,211.82	\$8,097.71	\$11,251.67	\$11,251.71	(0.04)
Montmorency	\$3,571.77	\$5,000.00	\$835.53	\$ -	\$835.53
Muskegon	\$14,702.39	\$14,357.66	\$15,693.18	\$17,796.65	(2,103.47)
Newaygo	\$7,711.65	\$7,615.31	\$1,803.96	\$1,804.00	(0.04)
Oakland	\$91,058.27	\$88,000.62	\$63,820.93	\$49,564.00	\$14,256.93
Oceana	\$4,580.52	\$5,000.00	\$6,071.50	\$6,072.00	(0.50)
Ogemaw	\$4,508.22	\$5,000.00	\$1,054.59	\$ -	\$1,054.59
Ontonagon	\$7,411.70	\$7,326.01	\$5,009.79	\$360.00	\$4,649.79
Osceola	\$4,653.86	\$5,000.00	\$6,088.66	\$6,089.00	(0.34)
Oscoda	\$3,610.35	\$5,000.00	\$844.56	\$ -	\$844.56
Otsego	\$4,433.72	\$5,000.00	\$1,037.16	\$ -	\$1,037.16
Ottawa	\$22,049.05	\$21,443.30	\$26,601.15	\$24,576.30	\$2,024.85
Presque Isle	\$4,425.10	\$5,000.00	\$1,035.15	\$ -	\$1,035.15
Roscommon	\$4,464.59	\$5,000.00	\$6,044.38	\$6040.00	\$4.38
Saginaw	\$18,294.02	\$17,821.68	\$22,001.13	\$20,307.97	\$1,693.16
Sanilac	\$8,101.15	\$7,990.97	\$9,517.67	\$8,979.60	\$538.07
Schoolcraft	\$6,806.23	\$6,742.06	\$5,327.16	\$3,375.00	\$1,952.16
Shiawassee	\$7,719.21	\$7,622.60	\$8,697.73	\$8,698.00	(0.27)
St. Clair	\$15,204.38	\$14,841.81	\$3,556.70	\$3,557.00	(0.30)
St. Joseph	\$6,962.11	\$6,892.40	\$6,628.62	\$6,629.00	(0.38)
Tuscola	\$8,132.97	\$8,021.65	\$9,924.17	\$ 9,924.65	(0.48)
Van Buren	\$8,567.40	\$8,440.65	\$10,444.79	\$10,444.65	\$0.14
Washtenaw	\$28,602.07	\$27,763.49	\$20,998.78	\$34,454.00	(13,455.22)
Wayne	\$130,194.00	\$125,745.86	\$97,525.81	\$102,337.40	(4,811.59)
Wexford	\$5,307.43	\$5,296.51	\$5,809.55	\$4,568.00	\$1,241.55
TOTAL	\$1,000,000	\$1,000,000	\$1,000,000	\$927,944.99	\$72,055.01

ATTACHMENT C**Delegated Fire Department
Payments for FY15**

Department Name	Number of Payments for Delegated Inspections	Total Amount Paid to Department
Adrian FD	3	\$1,260.00
Allen Park FD	3	\$1,260.00
Ann Arbor FD	4	\$1,960.00
Battle Creek FD	6	\$2,520.00
Bridgeport Charter Twp FD	1	\$700.00
Burtchville Twp FD	0	\$ -
Cadillac FD	2	\$840.00
Canton FD	5	\$2,940.00
Centerline FD	1	\$700.00
Coldwater FD	3	\$1,540.00
Commerce Twp FD	2	\$840.00
Dearborn FD	9	\$4,340.00
Delta Twp FD	4	\$2,240.00
Detroit FD	36	\$15,960.00
Grand Blanc FD	3	\$1,820.00
Grand Haven DPS	2	\$840.00
Grand Haven Twp FD	1	\$420.00
Grand Rapids FD	8	\$3,920.00
Grand Traverse Metro Auth	5	\$2,660.00
Green Oak Twp FD	2	\$1,120.00
Harrison Twp FD	1	\$420.00
Howell Area FA	3	\$1,540.00
Independence FD	4	\$1,680.00
Kentwood FD	6	\$3,080.00
Madison Heights FD	2	\$1,120.00
Marquette City FD	1	\$420.00
Marquette Twp FD	3	\$1,540.00
Marysville FD	2	\$840.00
Meridian Twp FD	2	\$840.00
Midland FD	8	\$3,920.00
Muskegon FD	5	\$2,660.00
Niles FD	1	\$420.00
NOCFA	1	\$420.00
Oshtemo FD	4	\$1,960.00
Owosso DPS	4	\$2,240.00
Pinconning-Fraser FD	2	\$840.00
Plainfield Twp FD	7	\$2,940.00
Pt Huron Twp	3	\$1,540.00

Resort Bear Creek FD	3	\$2,100.00
Riverview FD	1	\$420.00
Rochester Hills FD	9	\$4,060.00
Romulus FD	4	\$1,680.00
Roseville FD	4	\$2,240.00
Royal Oak FD	5	\$2,380.00
Saginaw City FD	3	\$1,540.00
Saginaw Twp FD	6	\$2,800.00
Saline FD	1	\$700.00
Shelby Twp FD	7	\$3,500.00
South Haven Area ES	5	\$2,100.00
Sparta FD	1	\$420.00
Sterling Heights FD	16	\$7,560.00
Thomas Twp FD	2	\$840.00
Troy FD	3	\$1,260.00
Utica FD	2	\$1,400.00
Van Buren Twp FD	6	\$2,800.00
Walker FD	5	\$2,380.00
Warren FD	9	\$4,620.00
Western Wayne FA	12	\$6,440.00
Wyoming FD	8	\$3,920.00
Totals	271	\$131,460.00



LARA is an equal opportunity employer.