

# Sylvania Township Fire Department



# 2011 Annual Report





## Mission Statement

*Our mission is to prevent and minimize the loss of life and property damage from fire to our citizens and visitors; to provide high quality emergency medical services; to mitigate the consequences of natural and man-made disasters; and to provide non-emergency support services within our realm of expertise through highly skilled, trained and dedicated personnel.*

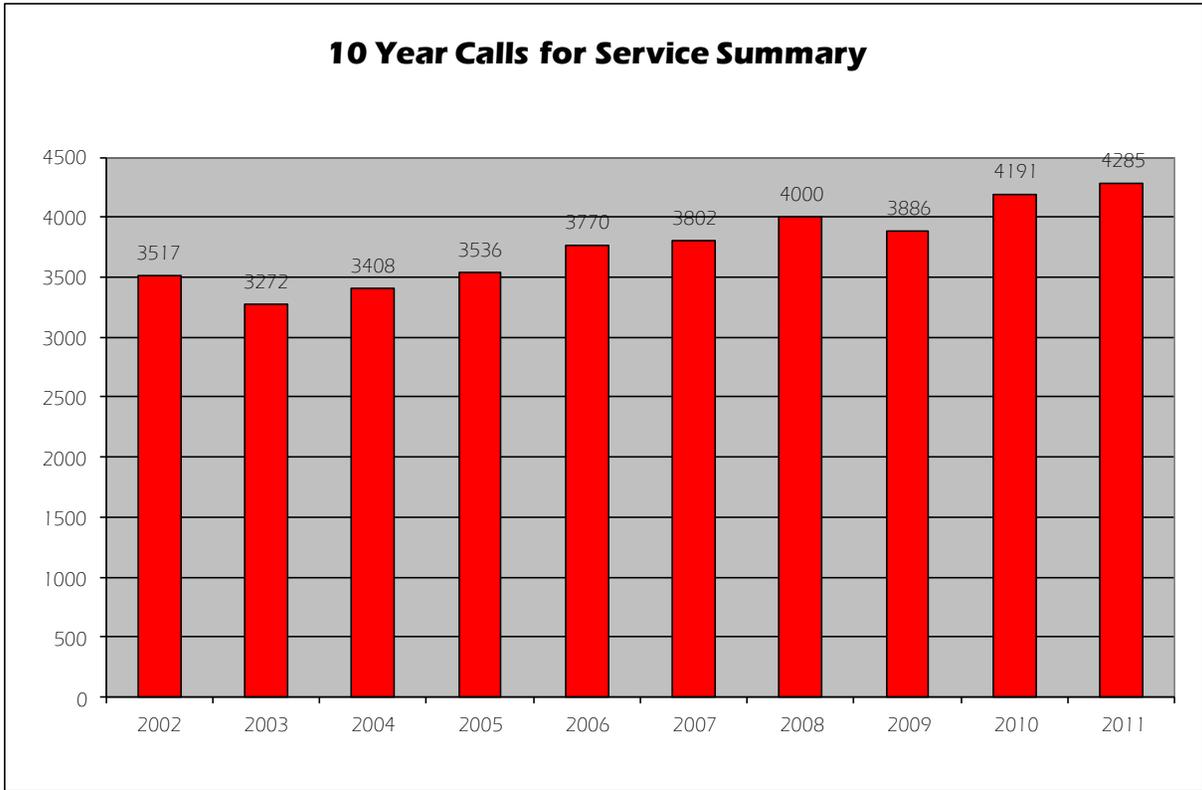
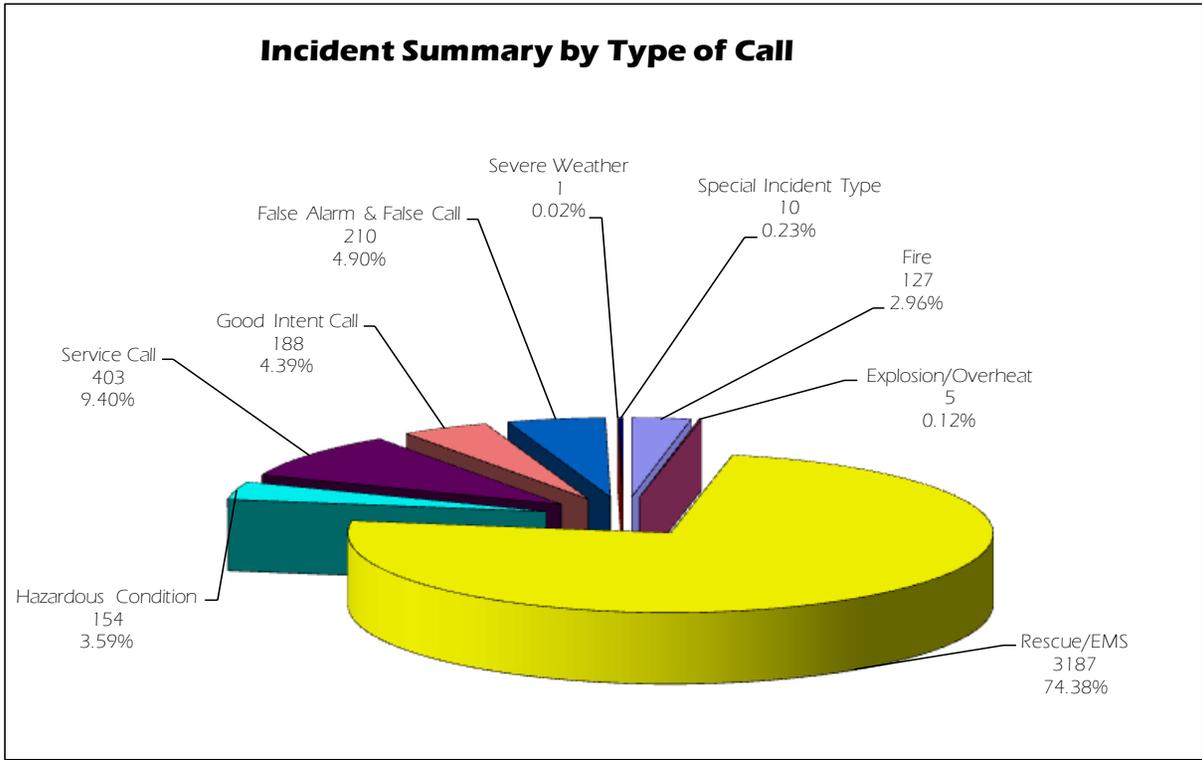


Tower Ladder 63



# 2011 Annual Report

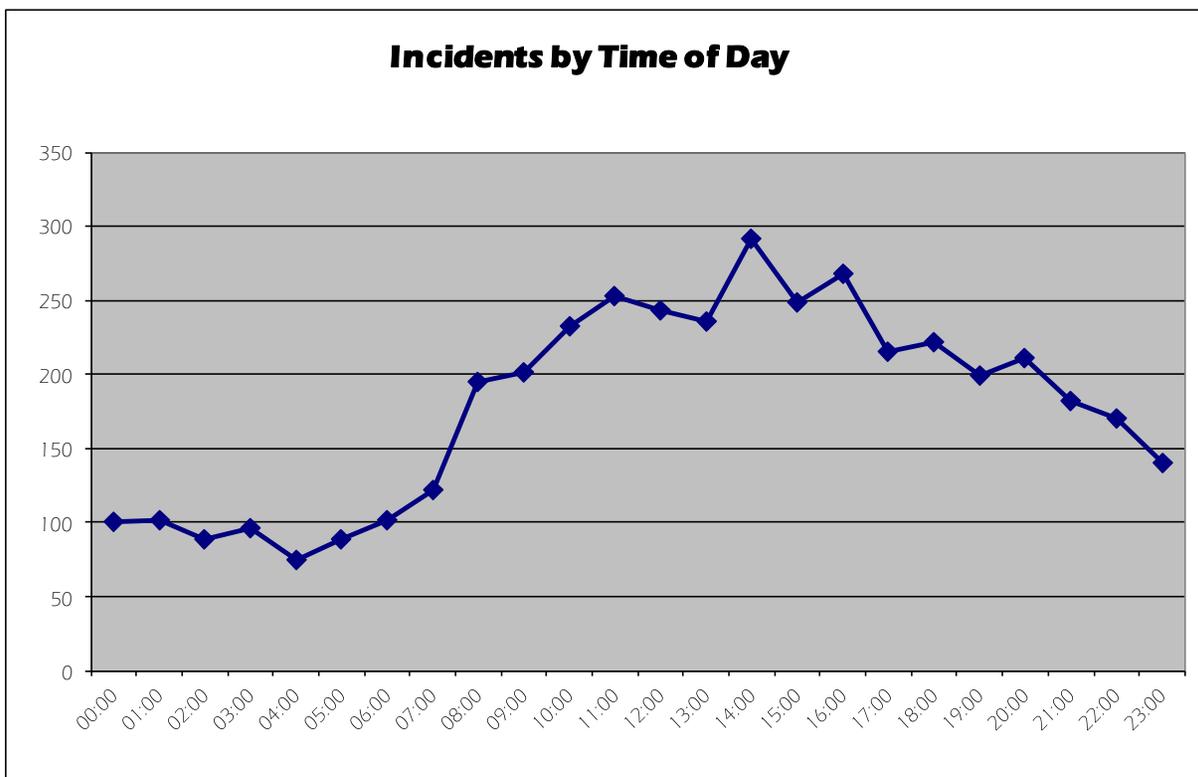
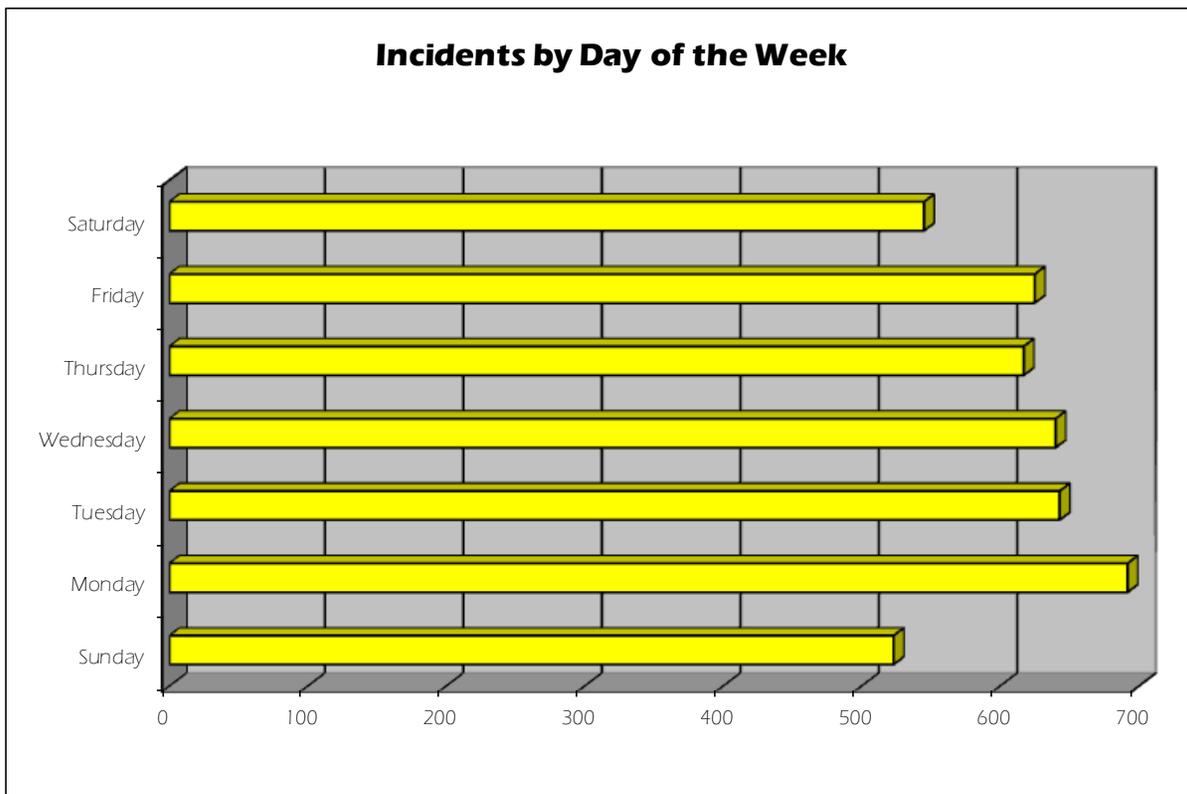
## EMERGENCY ACTIVITY





# 2011 Annual Report

## EMERGENCY ACTIVITY cont'd





# 2011 Annual Report

## OPERATIONS BUREAU

### Overview



John Lee  
Deputy Fire Chief - Operations

The Sylvania Township Fire Department (STFD) provides the delivery of emergency services to both Sylvania Township and the City of Sylvania. The Fire Department is an "All-Hazards" division that prides itself in continual preparation to face the many challenges from calls for assistance in our community. Deputy Fire Chief John Lee is the Operations Chief, responsible for the daily staffing and operations of the Fire Division. In addition, Chief Lee works closely with the Department Training and Safety Officer to promote a safe work environment while coordinating a training curriculum to support this effort.



Truck 64

The Department maintains a minimum daily on-duty career staffing level of 14 personnel, 24 hours-a-day; seven days-a-week, responding with 3 fire engines, a ladder truck and a Lucas County EMS Life Squad, from 4 fire stations which are strategically located throughout the Township and City of Sylvania. The career staff on shift includes Lieutenants who serve as company front line supervisors and Firefighter/Paramedics.



Engine 61, Engine 62 and Engine 63

The Department provides fire suppression, progressive patient care, rescue services and maintains the capability to respond to a wide array of specialized technical rescue incidents, such as ice rescue and first response to hazardous materials emergencies. Response to these incidents and all other emergencies we are called upon to provide service is delivered through a fleet of apparatus. STFD front line apparatus include four (4) Pumping Engines, each carrying 750 gallons of water and are capable of pumping up to 2000 gallons/minute, and a 100-foot Aerial Ladder Truck, having the capability to reach the upper floors of a 9-story building, carrying a collection of sophisticated rescue and firefighting equipment. In addition to an Air Unit, a Brush Unit and other ancillary vehicles, the Department maintains two engines, a 95-foot tower ladder and an EMS transport unit as its reserve fleet. All front line apparatus are equipped with Advanced Life Support (ALS) equipment. STFD personnel also provide staffing for Life Squad 6, in order to meet its contractual obligation with Lucas County EMS.



## 2011 Annual Report

### OPERATIONS BUREAU CONT.

The department is supplemented with qualified part-time personnel and can conduct callback of full time personnel to assist on large-scale operations. STFD also has mutual aid agreements with all of its surrounding communities.

#### Personnel

The STFD currently employs 44 line personnel, 12 officers, 1 Training Captain, 2 Deputy Chiefs, 1 Fire Chief, 6 Part-Time personnel and 2 Administrative Assistants. Line Personnel work a 24-hour on-duty / 48-hour off-duty schedule on a three-platoon shift system. Administrative personnel and Chief Officers work normal business hours, with the Chiefs rotating "on-call" duties for nights and weekends on a rotating basis. Part-time personnel work and train along side the career staff, working either 12 or 24 hours shifts as able, up to a maximum of 1500 hours a year as allowed by law.



**Firefighters are shown preparing to ventilate the roof of this house to release smoke and heat from the inside. This helps the fire fighters more efficiently find and extinguish the fire.**



# 2011 Annual Report

## TRAINING

### Training

STFD personnel must be ready to respond to a wide array of calls for help from the community. Emergency assistance requests can range from basic to advanced EMS calls, like broken bones or cardiac arrests; car accidents, water and confined space rescues, or building fires. In order to adequately have all response personnel thoroughly prepared to meet the continuing escalation of demands, the STFD has adopted an "All Hazards" training curriculum. This approach provides for addressing the identification of potential community-specific incidents through pre-fire planning, followed by type-specific training targeted to maximize response efficiency. Personnel prepare themselves to respond appropriately to these incidents through a combination of exercises designed to demonstrate their knowledge, skill and practical application of a wide variety of tools and equipment.



Scott Smith  
Training and Safety Captain

These training evolutions are designed to be performed both inside and outside the confines of the firehouse. Most commonly, personnel participate in tabletop discussions as a company, review PowerPoint presentations or conduct practical skills evolutions as a crew. Personnel also utilize resources outside of the station such as the King Road Training Facility, acquired structures, or outside training at the Ohio Fire Academy or through Bowling Green State University Fire School. Members also attend the National Fire Academy in Emmitsburg, Maryland and the Center for Domestic Preparedness in Anniston, Alabama.



Training Exercise  
Car Extrication



FF Christopher Wedge  
Training Exercise

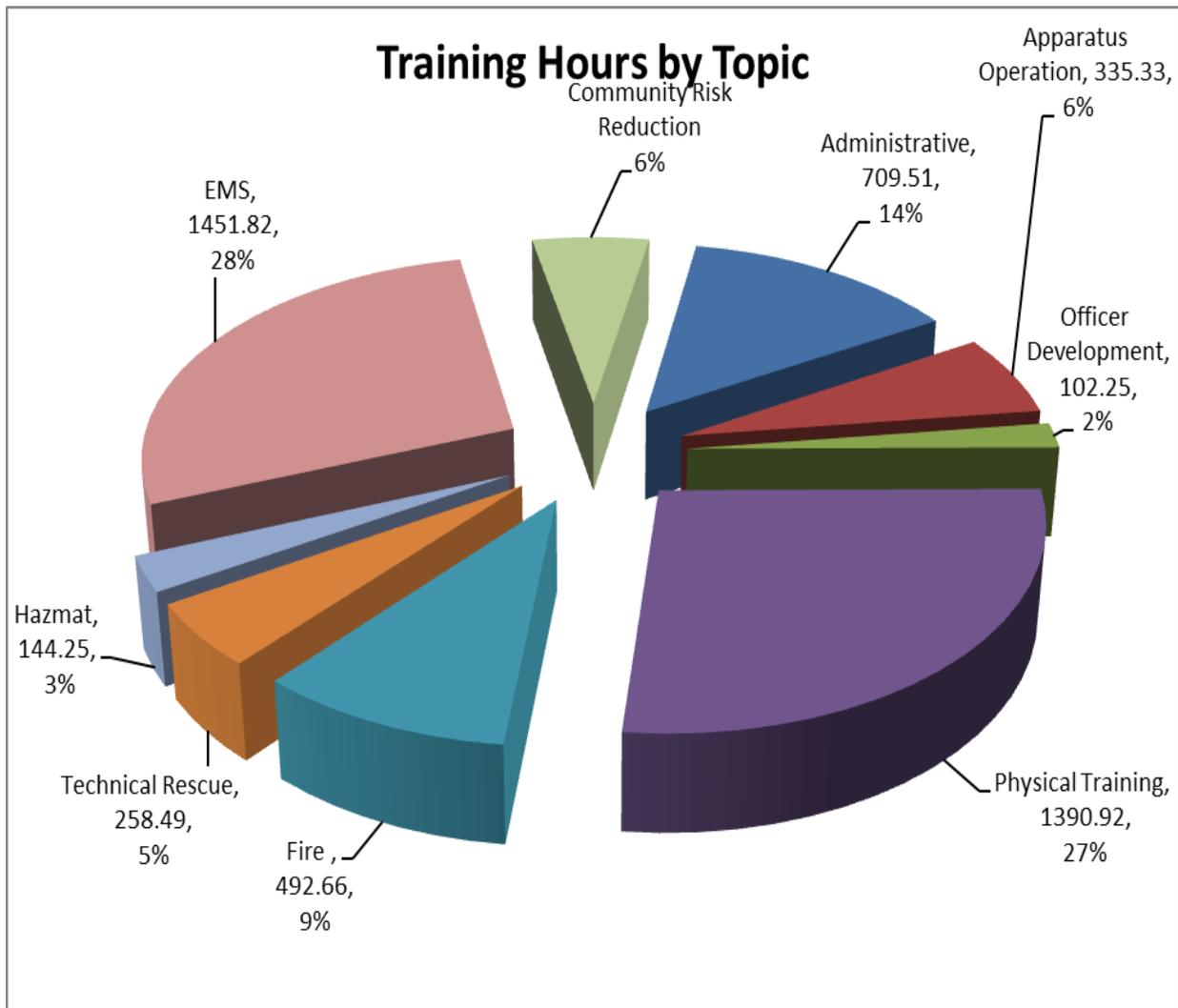
Since it is our mission to answer every call for help 24 hours-a-day, seven days-a-week, training, from its simplest form to the most challenging, is the vehicle by which we strive to ensure our responses are performed in the safest and most efficient possible way.



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## OPERATIONS BUREAU cont'd





# 2011 Annual Report

## FIRE PREVENTION/RISK REDUCTION

### Overview

The leadership of the Fire Prevention Bureau changed in 2011 with the promotion in July of Michael Froelich to the position of Deputy Fire Chief. The name of the bureau was also changed to better reflect its mission, Fire Prevention/Community Risk Reduction. The goal is to reduce the risk of fire, injuries and health issues through education and prevention in the community.

### Community Outreach and Education “Fire Prevention/Community Risk Reduction”



Michael Froelich  
Deputy Fire Chief  
Fire Prevention

In 2011, the STFD made contact with an estimated 7,094 children and 7,322 adults through the following programs and events:

- 146 citizen smoke detector checks, & 37 smoke detectors and/or batteries were installed in Sylvania homes.
- Approximately 6,360 residents toured the STFD’s fire stations and apparatus
- An estimated 4,236 adults and 3,674 children participated in various public education events both in and out of firehouses, through the Sylvania School District and elsewhere
- The fire department, with community health & safety as a driving force behind all that we do, presented programs throughout the community promoting health & safety and fire prevention. Some of the activities that the fire department participates in include Right to Read programs in the elementary schools, celebration dinners for the Great Escape winning school grades, training for cub and boy scouts to earn merit badges, career day presentations, CERT program at Northview HS, education for Safety City and Safety Town participants, senior safety programs, provide the Fire Safety Trailer to various community events and “return to the scene” program to check and provide smoke detectors as needed in the neighborhood after a fire incident.



FF/Paramedic Mike Cook demonstrates during Safety City / Safety Town 2011



Lt. Chad Morris helps out during Safety City / Safety Town 2011



## 2011 Annual Report

### FIRE PREVENTION BUREAU cont'd

#### Code Enforcement

Code enforcement, or Fire Safety Inspections are being completed by the on-duty fire companies. Fire code enforcement provides the community and its firefighters with the knowledge that commercial buildings are safe to work and shop in. Using fire companies to complete inspections allows them to become more familiar with the buildings and hazards in the fire district, but limits the number of inspections and follow-up inspections that can be completed.

#### 2012 Emphasis

The inspection program starting in 2012 will be undergoing changes. The fire department will start charging fees for certain services provided by the Fire Prevention/Risk Reduction Bureau. The fees are meant to be a deterrent to non-compliance issues we are having with some businesses and will provide funding to cover the costs involved with other services. We also are working to streamline the inspection process, update equipment to electronic reporting, and gather more data from each business to have a more complete and accurate look at the structures in the township and city. The firefighters who perform our fire safety inspections are being pulled in many different directions every day. We are hoping the upgrade of our inspection tools and processes will allow our crews to complete more timely follow-up inspections to assure hazards discovered during the initial inspection are corrected in a timely manner, providing for safer buildings in our community.

**FF/Paramedic Rod Standiford & Sparky**





## FIRE PREVENTION BUREAU cont'd

### Safety City/Safety Town

The STFD participated in both of these events in 2011, working with other agencies, including the local police, road and park departments, to help teach kindergarten aged children an array of safety do's and don'ts. Utilizing the Fire Safety Trailer, firefighters instruct children how to perform the Stop, Drop and Roll maneuver, how to crawl low under smoke and how to follow fire escape drills, as well as essential safety practices. The lessons taught in Safety City and Safety Town are reinforced as the children advance throughout the Sylvania school system.



Firefighter/Paramedic Rod Standiford educating kindergarten aged children on the fire equipment and what to do in case of a fire.



# 2011 Annual Report

## FIRES

### Overview

In 2011, the Sylvania Township Fire Department responded to 127 actual working fire incidents. This was an increase of one (1) fire call compared to 2010. In 2011, twenty-one (21) of the actual fire incidents resulted in fire losses in excess of \$5,000.00. The total estimated fire loss for the year 2011 was estimated at \$770,950.00. This was an increase of 1 event, and an increase of \$408,700.00 in estimated loss from 2010. The total estimated property that was under attack by fire and saved through the actions of our fire fighters was \$14,888,100. The 21 incidents in excess of \$5,000.00, as well as events which taxed the STFD's ability to respond to calls for service, as outlined in the department's 2011 monthly reports, are listed below:

### STFD Fire Ground Priorities

STFD Regular Alarm assignments include two (2) Engine Companies, one (1) Truck Company, one (1) Lucas County Life Squad (when required) and one (1) on-call chief officer. If the fire is determined to be "working" (smoke and fire showing) the remaining Sylvania Engine Company is summoned to respond and surrounding fire departments are asked to cover empty Sylvania fire stations.

On scene, crews prioritize their actions to accomplish the following:

1. Rescue and Life Safety
2. Hazard Mitigation
3. Environmental and Property Control

### **Fire incidents estimated at \$5,000 or more of damages**

Incident #11-0000159	6135 Greenacre Rd.	Building Fire	\$ 15,000
Incident #11-0000210	4430 Holland-Sylvania Rd.	Sprinkler Activation	\$ 24,000
Incident #11-0000322	3630 McCord Rd.	Building Fire	\$ 75,000
Incident #11-0000513	6832 Convent Blvd.	Passenger Vehicle Fire	\$ 20,000
Incident #11-0000616	5635 Flanders Rd.	Building Fire	\$ 13,000
Incident #11-0000630	4806 Sadalia Rd.	Building Fire	\$ 19,000
Incident #11-0000875	4226 Isadore Rd.	Cooking Fire Contained	\$ 5,000
Incident #11-0001138	5730 Bonsels Pkwy.	Building Fire	\$ 15,000
Incident #11-0001144	6009 Centennial Rd.	Building Fire	\$ 45,000
Incident #11-0001613	6016 Red Oak Dr.	Building Fire	\$ 30,000
Incident #11-0001701	6611 Charlesgate Rd.	Building Fire	\$105,000
Incident #11-0001707	6536 Carrietowne Ln.	Trash or Rubbish Fire	\$ 10,000
Incident #11-0001796	5055 San Luis Rey Dr.	Building Fire	\$ 11,000
Incident #11-0001903	4435 Old Lyme Dr.	Building Fire	\$ 11,000
Incident #11-0002201	5128 Inland Dr.	Building Fire	\$ 60,000
Incident #11-0002228	6107 Alexa Ln.	Building Fire	\$121,000
Incident #11-0002425	4430 Holland-Sylvania Rd.	Cooking Fire	\$ 40,000
Incident #11-0002595	6107 Alexa Ln.	Building Fire	\$ 10,500
Incident #11-0003162	5626 Rudyard Rd.	Building Fire	\$ 20,000
Incident #11-0003850	3230 Centennial Rd.	Building Fire	\$ 50,000
Incident #11-0004102	2705 Stoneleigh Dr.	Building Fire	\$ 30,000



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## RUN STATISTICS BY TYPE AND MONTH

2011

2011 FIRE CALLS													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<b>Fire</b> —(building, cooking, passenger vehicle, natural vegetation, brush, grass, outside rubbish, special outside fire, outside equipment, unauthorized burning)	11	9	8	9	11	16	18	14	9	7	12	4	129
<b>False Alarm &amp; False Call</b> — (smoke detector activation, no fire, alarm system sounded due to malfunction, unintentional transmission of alarm, CO detector activation, alarm system activation, no fire)	13	15	12	20	22	10	21	20	21	22	15	19	210
<b>Good Intent Call</b> — (dispatched & cancelled en-route, wrong location, no incident found on arrival at dispatch, smoke scare, odor of smoke)	13	16	14	14	15	16	20	13	18	17	16	17	189



# 2011 Annual Report

## RUN STATISTICS BY TYPE AND MONTH

2011

2011 FIRE CALLS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<b>Hazardous Condition (No Fire)</b> - (gas leak (natural gas or LPG), electrical wiring/ equipment problem, arcing, shorted electrical equipment, power line down, heat from short circuit (wiring), overheated motor, overpressure rupture, explosion, gas or other flammable liquid spill, carbon monoxide incident)	10	39	8	12	15	10	14	9	13	8	5	11	154
<b>Service Call</b> —(Lock-out, ring or jewelry removal, water or steam leak, public service assistance, assist invalid, assist police or other governmental agency, cover assignment, standby, move-up, citizen complaint)	26	17	44	36	35	38	43	36	23	35	40	26	399
<b>Over Pressure Rupture, Explosion, Overheat (no fire)</b> Excessive heat, scorch burns with no fire	0	0	0	1	3	0	1	1	0	0	0	0	6



# 2011 Annual Report

## RUN STATISTICS BY TYPE AND MONTH

2011

2011 FIRE CALLS													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<b>Severe Weather &amp; Natural Disaster</b> (Lightning strike (no fire))	0	0	0	0	0	0	1	0	0	0	0	0	1
<b>Special Incident Type</b> (Special Type of Incident, Other)	0	0	0	0	1	1	2	1	0	2	1	2	10
<b>TOTAL RUNS FOR 2011</b>	73	96	86	92	102	92	120	94	83	90	87	79	<b>1,098</b>



# 2011 Annual Report

## RUN STATISTICS BY TYPE AND MONTH

2011

2011 EMS CALLS													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Airway Obstruction	1	1	1	1	4	1	4	6	2	2	0	3	26
Anaphylactic Reaction	1	1	0	5	2	0	2	5	2	4	1	4	27
Auto Accident	22	22	14	26	29	20	25	29	19	46	27	25	304
Auto Accident / Entrapment	0	0	2	1	0	2	1	0	0	3	2	1	12
Behavioral Emergency	3	1	3	4	4	2	4	4	5	1	0	1	32
Burn Victim	0	0	0	1	0	0	0	0	0	0	0	0	1
Cancelled	2	4	1	0	3	1	0	0	0	2	1	1	15
Cardiac Arrest	3	5	2	2	2	1	2	0	1	5	3	4	30
Cardiac Related Emergency	31	26	37	29	18	18	30	36	34	27	26	35	347
Convulsion	11	16	7	15	14	11	10	11	6	14	9	11	135
CVA	5	11	6	4	4	6	8	5	10	6	9	8	82
Diabetic	7	4	9	6	9	9	15	14	12	4	9	10	108
DOA	3	0	2	0	0	2	0	3	1	1	2	2	16
Environmental Emergency	0	1	0	0	0	0	0	0	0	0	0	0	1
Fracture	3	1	0	0	0	0	0	0	1	0	0	0	5
Hemorrhage	6	2	6	8	7	6	6	5	2	5	3	5	61
Hypertension	0	2	1	1	1	0	0	0	0	0	0	0	5
Hypotension	0	0	1	2	0	3	0	1	0	2	0	1	10
Ill Person	54	63	52	42	57	51	67	60	64	62	56	61	689
In Service Assist	3	3	2	4	0	0	0	3	3	3	1	4	26
Injured Person	53	48	44	45	43	52	48	39	45	67	47	40	571
Medical Alarm	3	7	1	0	0	2	1	4	2	3	5	6	34
Miscellaneous	3	0	1	4	1	3	4	3	1	3	6	1	30
Motorcycle Accident	0	0	0	3	0	2	2	2	0	0	0	0	9



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## RUN STATISTICS BY TYPE AND MONTH

2011

2011 EMS CALLS													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Not Needed	0	1	2	1	1	0	0	5	2	0	0	0	12
Obstetrical	0	3	0	0	1	0	0	1	1	1	4	2	13
Overdose	2	2	6	6	2	3	2	8	6	6	3	5	51
Pedestrian Accident	1	1	1	0	0	2	2	1	1	0	0	1	10
Poisoning	0	0	0	0	0	0	0	1	0	0	0	0	1
Refused Aid	1	0	1	0	0	0	0	0	0	0	0	0	2
Respiratory Distress	21	30	26	27	39	25	26	28	22	25	22	20	311
Shooting	0	0	0	0	0	0	0	0	0	0	0	0	1
Stand-By	0	0	1	0	2	0	0	0	0	0	0	0	3
Syncope	11	2	8	1	6	5	4	7	7	6	10	6	73
Unable to Locate	0	0	2	0	2	0	0	1	0	2	0	0	7
Unconscious / Unknown	13	7	15	13	11	10	8	10	10	10	6	11	124
Unnecessary	0	1	0	0	1	0	0	0	0	0	0	1	3
Water Accident	1	0	0	0	2	1	0	1	0	0	1	0	6
<b>TOTAL EMS CALLS FOR 2011</b>	<b>264</b>	<b>265</b>	<b>253</b>	<b>251</b>	<b>265</b>	<b>238</b>	<b>269</b>	<b>293</b>	<b>257</b>	<b>310</b>	<b>253</b>	<b>270</b>	<b>3188</b>



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## EMERGENCY MEDICAL SERVICES

### Overview

The STFD provides Advanced Life Support (ALS) care to the citizens of Sylvania via EMT-P's (Paramedics) staffed on each of the department's suppression apparatus. Examples of ALS calls include life threatening emergencies such as cardiovascular, respiratory or trauma related emergencies. Paramedics work in conjunction with the department's EMT-B's (EMT-Basic) to deliver a wide array of pre-hospital care. In 2011, the STFD responded to 3,170 EMS calls.

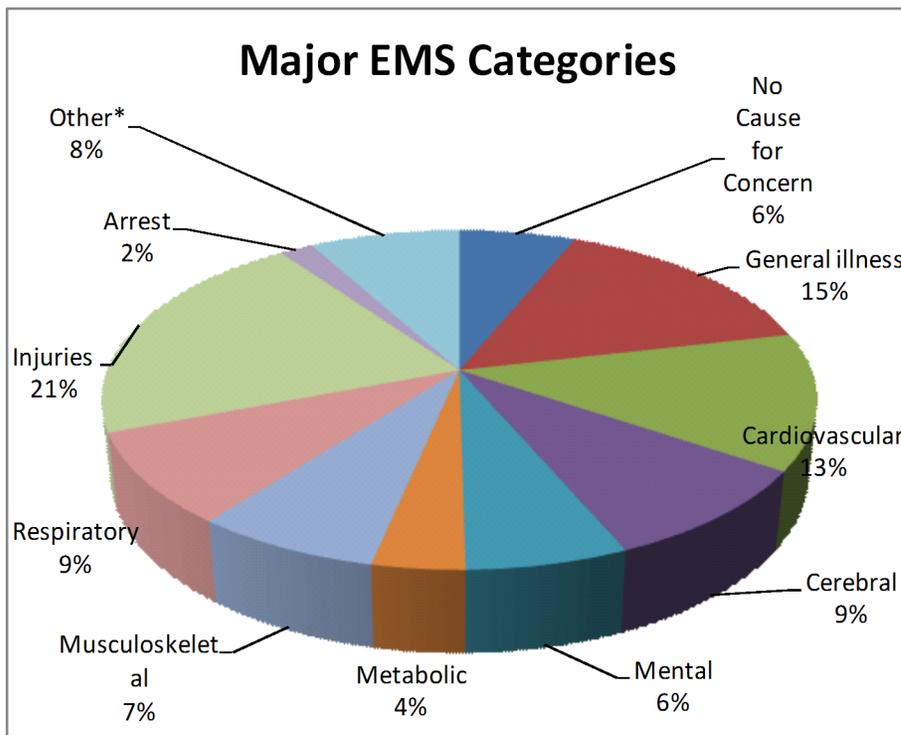
The STFD staffs one Lucas County Life Squad, housed at Station 1, to transport ALS patients to definitive care at a hospital while private ambulances transport non-life threatening patients to the hospital. The STFD currently has 56 certified EMT-P's and 6 certified EMT-B's. The total number of calls LS6 responded to in 2011 was 1,951 STFD personnel work under the direction of Dr. Todd Brookens, the department's Medical Director.



Station 61 — 6633 Monroe Street  
Location for Engine 61 and  
Lucas County Life Squad 6



Life Squad 6

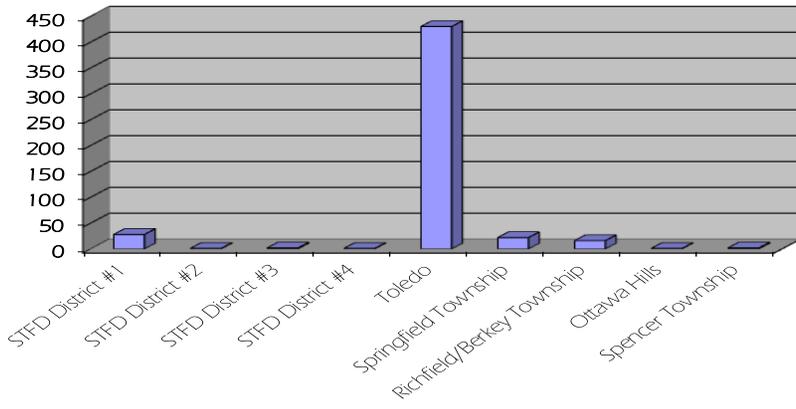




# 2011 Annual Report

## EMERGENCY MEDICAL SERVICES cont'd

Life Squad 6 Incident by District





## 2011 Annual Report

### 2012 OUTLOOK

#### Strategic Objectives

1. Maintain operational readiness to safely respond to the emergencies reported to 9-1-1 within our jurisdiction through our combined career and part-time personnel along with assistance from our mutual aid partners.
2. Enhance public fire safety education to schools and community groups including the elderly through a scheduled Fire Prevention/Life Safety program.
3. Incremental expansion of our Part-Time Employee (PTE) Program.
4. Continue to Partner with the Township Administration in managing the 1.25 mil levy and capital improvement programs scheduled for 2012.
5. Begin work on the Fire Station No.1 project
6. Complete the follow-up of annual evaluation and inspection of all commercial buildings within our jurisdiction through on-duty shift personnel.

#### Goals

1. Maintain consistent daily operational readiness.
2. Deliver fire safety education programs throughout the community.
3. Continue to develop Part-Time Employee (PTE) Program to reach goal of supplementing one position at station on each shift.
4. Perform the annual fire inspections and safety evaluations of all commercial buildings within our jurisdiction.
5. Complete training of all personnel to be State certified as Fire Safety Inspectors.

#### Plan of Action

1. Continue daily conference calls and maintain on duty staffing and apparatus readiness.
2. Continue public safety awareness education and develop Fire Prevention/Life Safety programs for 2012.
3. Coordinate, schedule, train and supervise PTE's on shift.
4. Effectively manage the operating budget and scheduled Capital Improvement project expenditures.
5. Divide all commercial occupancies by the four stations and three platoons to perform fire safety evaluation inspections.
6. Continue to maintain fleet of Emergency Response vehicles.





# 2011 Annual Report

## FIRE DEPARTMENT ADMINISTRATION

Jeffrey D. Kowalski, Fire Chief  
John M. Lee, Deputy Fire Chief - Operations  
Michael Froelich, Deputy Fire Chief—Fire Prevention  
Scott J. Smith, Captain -Training & Safety Officer  
Jennifer Howard, Administrative Assistant  
Valencia Gentry-Leutz, Administrative Assistant

### A-SHIFT

Lt. Jeffrey Bennett  
Roderick Standiford  
Frederick Riggs  
Jeremy Gillen  
Stefan Tiell  
Justin Weldon

Lt. Michael Ramm  
Gregory Burkhart  
Michael Cook  
James Wolfe

Lt. Dean Boyers  
Jeremy Fritz  
Terrance Detmer  
Clifford Reeves

Lt. Jeffrey Young  
James Mueller  
Michael Behan  
Shane Hillard  
Christopher Wedge

### B-SHIFT

Lt. Steve Kahan  
Michael Sobb  
Marcus Sautter  
James Thompson  
Craig Koperski  
Jeremy Maddux

Lt. Thomas Reynolds  
Thomas Smeed  
Ben Roberts  
David Shutters

Lt. Michael Szafarowicz  
James Crosby  
Andrew Ries  
Todd Walters

Lt. Ralph DeShetler  
Gregory Wilcox  
Shaun Wittkop  
Jasin Hosler  
Bradley Mauk

### C-SHIFT

Lt. Christopher Nye  
Michael Street  
Brian Lisowski  
Brian Burr  
Ryan Sedlock  
Nick Scalzo

Lt. Aaron Frye  
Douglas Born  
Michael Motter  
Kirk Wolfe

Lt. Chad Morris  
David Hatfield  
Patrick Miller  
Ian Kelsey

Lt. Steve Steinmetz  
Robin Zaletta  
Darrell Elliot  
Timothy Osborn

### RETIREMENTS

#### Career

### PART-TIME

#### Employee Program

Kevin Kross  
Brandon Lyons  
Robert Wisniewski  
Mark Hoffman  
Derek Meyer

### RESIGNED

#### Career