

2007 ANNUAL REPORT



Shawnee Township Fire Department

Submitted April 2008
Tim Mosher
Fire Chief

Mission Statement

The Shawnee Township Fire Department exists to provide the highest quality fire/rescue and fire prevention/education services possible to our unique residential, commercial and industrial populations.

Introduction

The year of 2007 became somewhat a pivotal year financially as we began to receive part of the increase from the 2006 levy approval. It was still necessary to borrow from the General Fund in the early part of the year due to a lack of adequate carryover, but this situation was strengthened by years-end and enough carryover was built up to secure the finances for the first part of 2008.

There were no large capital expenditures during the year but the department was able to complete several small projects such as the installation of communication lines to the Storage Building, new concrete approaches and sidewalks, and reworking the diesel fuel storage tank system. Approximately \$45,000 was spent on installation of a new standby generator for station but this was mostly funded by a Fire Act Grant.

Emergency response activity was level when compared to previous years but somewhat greater in severity of type. We experienced several motor vehicle fatalities of young people that were quite tragic and difficult. Our department responded to Putnam County for their flood disaster and assisted with hazardous materials issues and provided a Public Information Officer. The total fire loss was less than average for the past several years at a total of \$350,000. Training has continued to occupy the highest priority after response preparedness activities and members logged thousands of hours again this year; enabling us to maintain our position in the region as having the most broadly trained firefighters.

The outlook for 2008 is stable and encouraging. Solid funding from the 2006 levy will enable us to continue investing in our personnel and somewhat into our station needs. The concept of billing for all medical transports will be considered as an additional revenue source to provide for capital. Efforts to increase response cooperation with our mutual-aid partners will continue as a way to place more personnel on scene and provide the highest possible service to our communities. There will also be time spent in researching the long-term affects of the changes in the Personal Property tax law.

Our department stands proud to serve this unique community and we strive to increase the professionalism and services offered each year. As you peruse this report, we hope you will get a feel for the number of things accomplished and the quality of service that is here for the township. We will continue to change and innovate to keep as current as possible with the latest Fire/EMS standards and the expectations of the community.

Tim Mosher
Fire Chief

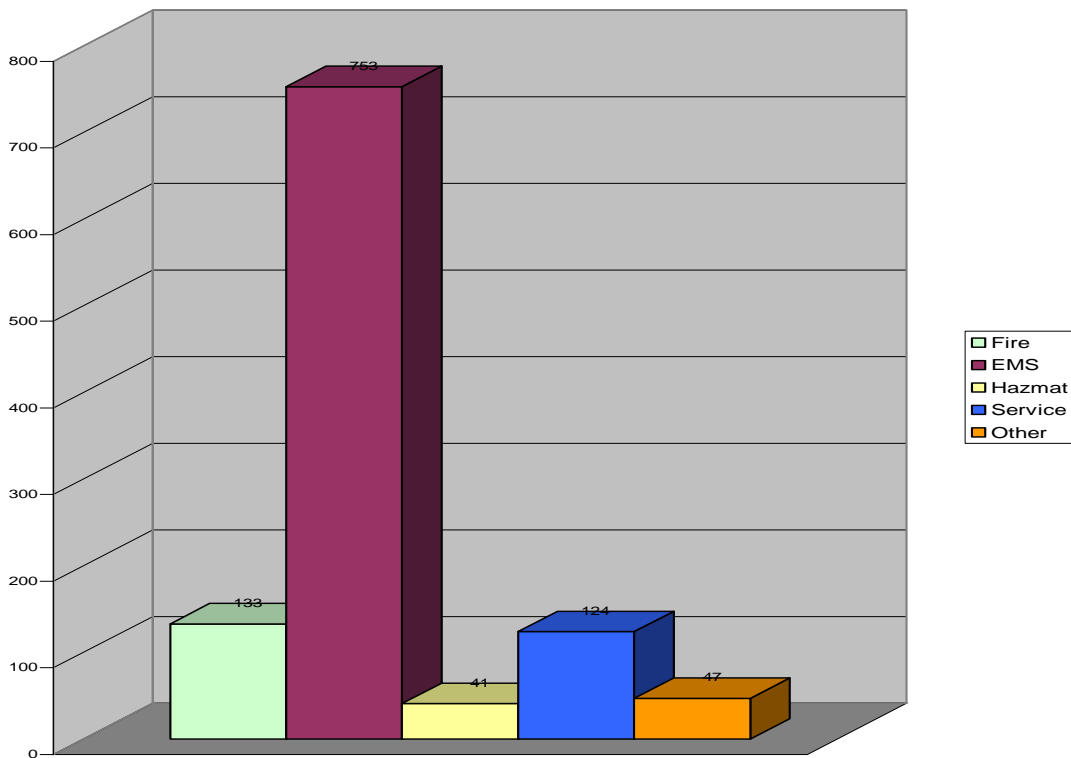
2007 Incident Statistics

For the purpose of statistical analysis, all activities that result in incident reporting are condensed into five major categories, which are reflected on the statistical bar graph that follows. The larger number of service calls reported is the inclusion of commercial fire inspections in this category. Service calls also may include training events and miscellaneous requests for assistance such as carbon monoxide investigations.

The total number of reportable incidents was 1,098, slightly lower than last year. Total dollar loss for fire was estimated at \$350,00 including vehicle fires. Total EMS calls were up 4% and represented 75% of emergency response calls.

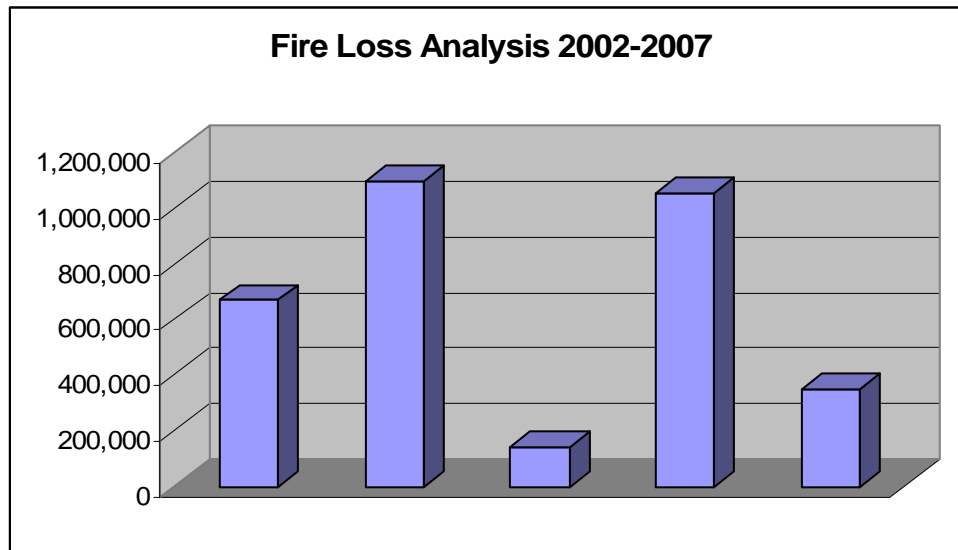
Emergency response time continues to average less than 5 minutes, which is the constant goal of the department. This is in spite of distance, weather, traffic, training and other factors. The outlying portions of the township however, continue to represent an approximate 7-9 minute response due to distance. Only additions of out-stations will resolve this problem.

2007 Incident Statistics



FIRE LOSS REPORT
2007

<u>Date</u>	<u>Location</u>	<u>Type</u>	<u>Estimated Loss</u>
February 10	2129 Morris	Structure	\$ 8,000
February 13	Ft. Amanda Rd.	Vehicle	3,500
February 14	2336 Garden	Structure	1,000
March 29	237 Koneta	Structure	45,000
April 19	4604 DeLong	Vehicle	2,000
June 16	Interstate 75	Vehicle	13,000
July 22	4420 Beeler	Structure	150,000
August 9	2001 W. Hume	Structure	5,000
August 15	1201 Shawnee	Vehicle	500
August 22	1825 JoJean	Structure	100,000
September 5	1923 JoJean	Vehicle	20,000
November 14	1885 Rose	Structure	1,200
December 17	2320 Adgate	Structure	1,000
Structure Total			\$ 311,200
Vehicle Total			39,000
Total			\$ 350,200



Fire Inspections
2007

The work of providing commercial fire inspections continue to remain a challenge, as Shawnee Township has about 400 commercial buildings. Combined with the large industrial sector we have and the erection of new buildings, it is not possible to inspect each one of these buildings each year as required by the Fire Code.

This year saw a reduction in the number of completed inspections as the use of light-duty personnel working on these was limited. We are constrained by only having a part-time inspector who is inundated with a large amount of work. The larger challenge is balancing the demands of new construction inspections with the ongoing routine inspections. First priority always remains with our public assembly occupancies such as schools. In effort to improve this circumstance somewhat, 2007 saw 5 additional personnel complete the inspector's certification course who will be able to provide some assistance in this effort.



Personnel Activities

FULLTIME

Retirement - Brad Harter- 25 years
Mark Reed- 4 years

Resignation- Adam Petitt- 4 years

Hired- Mike Smith
Zachary Welch
Joseph Lafferty

VOLUNTEER

Taken on- Matt Reaman
Trevor Pelligrini
Zachary Walters

Resigned- Chase Camper

Training Attendance Hours
2007

FULLTIME

Hours of Training 3,929.25

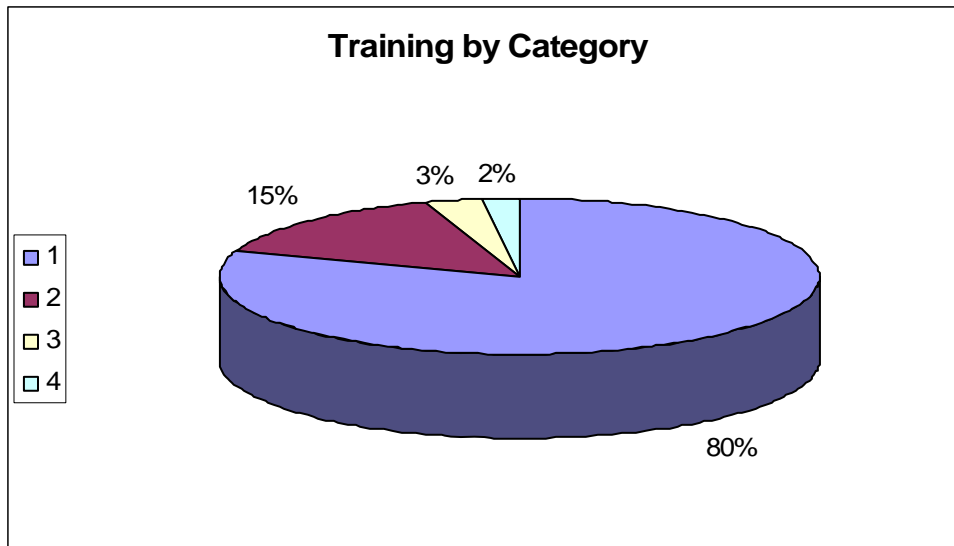
VOLUNTEERS

Hours of Training 421.00

COMBINED TOTAL 4350.25

Specialized Training Attended
2007

<u>CLASS</u>	<u>MEMBER(S)</u>
Fire Safety Inspector	Mosher/Welch/Seddelmeyer Truesdale/Schott/Hasenstaub
ACLS Refresher	All members
FDIC	Briggs/Demoss/Schott/Stumbaugh
Williams Foam School	Myers
Fire Degree courses	Way
Howell Extrication	Jackson/Norris
MCTO	Briggs/Painter/Schott/Stumbaugh/Kennedy
Highway Response Specialist	Briggs
NIMS ICS 300/400	Way/Stumbaugh/McCullough/Mosher
Confined Space Refresher	All members
Hazmat Tech Refresher	All members
First Time Manager	Myers
Arson Investigation Seminar	McCullough
Fireworks Update	Norris/Lehman



Member Incident Responses
2007

<u>FULLTIME</u>	Total	2,864
<u>VOLUNTEERS</u>	Total	74
<u>COMBINED</u>	Total	2,938

Total Responses by Shift

A- Shift	378
B- Shift	344
C- Shift	356

Responses by Day of the Week

Sunday	156
Monday	172
Tuesday	166
Wednesday	141
Thursday	158
Friday	172
Saturday	133

Number of Overlapping Incidents

57
(5.2 % of all calls)

Average Response Time (including service calls)

4.29 minutes

Miscellaneous Stats

Number of responses by apparatus –

Rescue 4	694
Medic 6	492
Medic 10	414
Engine 1	192
Car 1	101
Tanker 8	83
Engine 5	37
Ladder 3	27
Engine 2	14
Rescue 14	1

Mutual-aid responses –

Total of 34

Civilian fire casualties - 2 (no fatalities)

Firefighter injuries On-scene - 5

Periods of response activity –

Lowest – 2-4 AM
Highest – 9-11 AM

Incident property types (percentage of calls)

Residential	59 %
Outside – mostly roadway	11 %
Industrial/Manufacturing	8 %
Mercantile/Business	6 %
Educational/Assembly	6 %
Other	10 %

Miscellaneous Stats (cont.)

Hospital transport destinations –

Lima Memorial Hospital	122
St. Rita's Medical Center	519
No transports	169

Average age of patient transported –

53 years old – more males than females

Reasons for EMS request -

Specific medical problem -	399
Miscellaneous medical problem-	172
Motor vehicle accident-	120
Falls-	75
Miscellaneous trauma-	50

Patient procedures performed -

○ Ventilator	1
○ Bag Valve Mask	5
○ Combitube	1
○ Surgical Cricothyrotomy	1
○ Nasopharyngeal airway	2
○ Oral E.T. tube	5
○ CPR	5
○ Full spinal immobilization	47
○ Vacuum splint	4
○ IV access	189
○ 12-lead EKG	36
○ 3-lead EKG	119
○ Blood glucose	40
○ Pulse oximetry	103
▪ Medications administered -	109
▪ Oxygen administered-	327

Miscellaneous Equipment Purchases 2007

The fire department has unique and heavy equipment demands due to the nature of the business. During the 2007 year, we again attempted to minimize expenditures and purchased only a very few items. Some items were purchased with Medical Billing funds to assist with keeping these expenses off-budget. These items include:

- 12 monthly payments for our current 12-lead EKG lease purchase.
- Replacement of our “Cappa Bear” stabilization kit with a ResQue Jack kit.
- Replacement of the hydraulic ram for extrication with a new, more powerful unit.
- Purchase adaptors for S.C.B.A. face piece filters for overhaul.
- Replacement of several hundred feet of rope for confined space and rope rescue.
- A weight vest for employee work-out routines.
- Motorola HT1250 portable radios – one for each fulltime member.

Generator Installation

The department was able to complete the anticipated generator installation with funds received from a 2006 Fire Act grant. Approximately \$36,000 was received and supplemented by about \$8,000 to completely replace a generator that was located in the basement of the station when originally built. This 47-year old generator was considered obsolete and was beginning to have moments of failure while running.

A new Winco 75kw natural gas supplied unit was installed east of the station in its own fenced-in area. A new high-pressure gas line was needed to supply the proper amount of gas to the generator, so this resulted in a complete gas line upgrade to the station. The generator is state-of-the art and has fully automatic capabilities. During the 2007-2008 winter, the unit was needed on at least 2 occasions during bad weather.

Fuel Tank Installation

Due to the 2007 Ohio Fire Code updates, our diesel fuel supply tank was rendered out of compliance. This 500-gallon on-site tank is shared by the fire and road departments. The fire department took the lead to upgrade the tank situation as both a compliance issue and setting the example as a purveyor of the Fire Code. Approximately \$7000 was spent to pour a new pad, install a new electrical system, update the tank vents and install a chain-link fence. We can now secure this area at all times.

Grants Awarded

State Fire Marshall’s Grant – training	4,100.00
Ohio State EMS grant – training	4,000.00
Public Utilities Commission of Ohio – training	1,495.00
Shawnee Industrial Neighbors Group – training	2,500.00
Target Safety Training Grant – online training	500.00
Total	\$ 12,595.00

Reimbursements

Waste Management – fire response costs	\$ 5,800.00
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Annual Budget Comparisons
2007

Year	Income	Spent	Yr. End Balance	Projected Bal
1999	1,818,351	2,019,091	954,218 (M10)	754,159 wdl
2000	1,917,065	1,794,532	1,076,751	991,454 wdl
2001	2,052,713	1,961,414	1,118,839 (C1)	111,954 dlb
2002	2,021,606	2,244,201	947,595 (Haz1-100K) (M6- 100K)	1,069,347 dlb
2003	2,189,532	2,135,265	1,001,861	875,000
2004	1,977,488 (Figures do not include FEMA \$ 68,105 in and out of fund)	2,403,076	576,273 (T8-315K)	563,361
2005	2,011,081 (Figures do not include FEMA \$165,000 in and out of fund)	2,231,918	382,401	312, 773
2006	2,255,014 (Income includes a reimbursement from Valero for 160,000)	2,254,998	380,965	130,250
2007	2,759,310	2,352,379	781,723	

GOALS FOR 2008

Equipment purchases:

- Additional set of ResQue Jacks for extrication.
- Bunker gear for at least half of employees.
- Additional elliptical machine.
- Specifications for new ambulance.

Building maintenance:

- Painting of building interior.
- Replacement of main electrical feed to building.
- Paving of asphalt around building.
- Replacement of roof.
- Installation of new water line.

Grant applications:

- Fire Act – decontamination unit.
- PUCO – training funds for API and foam school.
- State of Ohio EMS grant.
- State of Ohio Fire Marshall's grant.

Organizational:

- Incorporation of Rescue Pod airway device.
- Loss time accident free year.
- Institution of medical billing for all EMS calls.
- Increased pay for volunteers, and addition of 3 more.
- Focus on loss of Personal Property Tax issue.
- Compliance with DOT highway scene signage requirements.
- Completion of electronic scanning of all existing documents for backup.
- Off-site backup program for front-office computers.

Training:

- Completion of 2 additional Fire Instructor certifications.
- Emphasis on training for new officers.
- API and foam school training.
- Hazmat Operations for Volunteers.
- RIT training for Cridersville Fire Department.

Activities:

- Painting of uncompleted hydrants.
- Quarterly evaluation training instituted.
- Wellness program for employees.
- Take over of public education program from private company.
- Volunteer physicals.

