South Haven Area Emergency Services Authority

2015 Annual Report

On behalf of all the men and women of the South Haven Area Emergency Services (SHAES), it is my pleasure to submit our 2015 annual report. Our department is filled with dedicated women and men who are committed to enhancing community safety and quality of life in the South Haven area.

This report cannot possibly capture all of their individual efforts, but does represent an overview of their collective accomplishments. Our purpose is to minimize pain and suffering in our community and we achieve this goal through a range of high quality, professional services such as fire suppression, fire prevention, advanced life support transport service, confined space rescue, dive rescue, ice rescue and fire inspection program.

During the past year, our department has seen the following:

- 2015 call volume was 2nd highest in the history of SHAES with 2,183 calls for service as compared to 2,213 in 2014.
- Albemarle Corporation continues to support our department such as with a recent $10,000 and $2,000 donation toward confined space rescue equipment and new pump discharge valves on Engine 3 and Engine 2.
- Two gas monitors were purchased with donations.
- South Haven Historical Association produced a display showcasing South Haven Fire Department 100 years of history located at the old Hartman school building.
- Van Buren Fire Chiefs adopted Mutual aid Box Alarm System (MABAS) to provide for seamless request for aid during large events from adjoining counties and states.
- SHAES completed its first Citizen Fire Academy.
- Tim Quinn and Brian Horan were promoted to Fire Lieutenant.
- SHAES Honor Guard participated in the funeral for US Forest Service Firefighter Richard Wheeler, who died fighting a forest fire in Washington State.
- SHAES partnered with Bangor Community Fire Department to submit a $500,853 grant request though Assistance to Firefighter Grant for 73 SCBA'S.
- SHAES partnered with Covert Township Fire Department to submit a $20,580 grant request through Assistance to Firefighter Grant for Active Violence ballistic vest and helmets for EMS personnel.
- Firefighter David Henry retired after 36 years of dedicated service
- SHAES staff continues to provide EMS and fire coverage for many special events throughout the year, including 4th of July fireworks, many 5k events and a salute to our veterans event.

* Special thanks to SHAES department photographer Tom Renner for the wonderful pictures in this report.

We are proud to be your fire department and look forward to hearing from you. If you have ideas about how we can serve you better, or if you have thoughts about how we can make this report more informative, please contact me at (269) 639-1496.

Ronald Wise, Executive Director
rwise@shaes.org www.shaes.org

2015 Authority Board Members

Chairman:	Ross Stein	South Haven Township
Vice-Chairman:	Allan Overhiser	Casco Township
Secretary Treasurer:	Nancy Whaley	Geneva Township
Administrator:	Brian Dissette	City of South Haven
Member:	Bob Burr	City of South Haven

Meeting Dates 2016

Wednesday	January 6	8AM
Wednesday	February 3	8AM
Wednesday	March 2	8AM
Wednesday	April 13	8AM
Wednesday	May 4	**7PM**
Wednesday	June 1	**7PM**
Wednesday	July 6	**7PM**
Wednesday	August 3	**7PM**
Wednesday	September 7	**7PM**
Wednesday	October 5	**7PM**
Wednesday	November 2	8AM
Wednesday	December 7	8AM

Meeting Place: SHAES Station #3, 90 Blue Star Hwy. South Haven

Fire Prevention and Public Education

South Haven Area Emergency Services strives to promote safety through education. The **key message** of 2015's Fire Prevention Week campaign was to install smoke alarms in every bedroom, outside each separate sleeping area, and on every level of your home, including the basement. Larger homes may need more alarms.

This message was reinforced at the Elementary and Nursery school level. Firefighters visited classrooms during Fire Prevention Week. Students talked one on one with fire fighters to show the importance of smoke detectors. Firefighters talked to students about having an escape plan, and practicing this plan.

Fire Prevention Week was not without fun. Firefighters brought the bounce house to Lincoln and Maple Grove. After the presentations students were able to go to the gym and play in the bounce house. The bounce house has fire safety messages throughout its interior. Kids can play and learn at the same time.

Our Annual Fun Fair brought nearly 500 adults and children to the station. Children and adults participated in fire safety oriented games. Free food was provided. During the night firefighters also put on programs for the attendees. The programs this year consisted of a skit put on by firefighters showing all aspects of an escape plan, an auto extrication and propane fire demonstration.

Our public education was also at other times during the year. SHAES brought fire extinguisher training to Albemarle, 6th grade camp and the Boy scouts.

We visited many places like Yogi Bear Campground for their Hero's week, Elkenburg Park to help South Haven Police Department with their annual End of School Days event and SHAES provided a fire truck to Life Bridge Church for the Feet of Strength event. SHAES also provided fire safety materials to hand out at the Senior Services Senior Market along with fire safety training to River View senior apartment and Harbor View senior Apartments.

Our public education could not be done without the donations by local businesses. Donations totaled $2,155.00. Total expenses for 2015 fire Prevention are $3,265.56.

	Total Hours	Total Personal	
Attendees			
Fire Extinguisher Training	45	13	200
Events	16	4	330
Nursery Schools	5	2	79
Elementary Schools	137	23	1087
Fun Fair	135	15	450
Total	**338**	**57**	**2146**

2015 SHAES Recognitions

Swearing in of Paid on Call Firefighters: Johanna Quinn, Steven Cavadas, Ronald Washegesic, Willie Wright

Swearing in SHAES Chaplain: Jonathan Vandenburg

Years of Service Pins:

35 Years: Ronald Ridley

25 Years: Ronald Wise

20 Years: Thomas Leva, Donald Quinn, Brian Horan

15 Years: Nancy Whaley, Dustin Guminski

5 Years: Shawn Smith, Drexal Haner, Phillip Quinn

Citations Bars:

EMT-Basic: Zachary Kenreich, Andrew Biederman

Firefighter 2: Johanna Quinn, Steven Cavadas, Ronald Washegesic, Willie Wright

Haz-Mat Operations: Johanna Quinn, Steven Cavadas, Ronald Washegesic, Willie Wright

Fire Officer II: Patrick Quinn

Fire Officer III: Shawn Smith, Brian Montgomery, Tim Quinn, James D Quinn Brian Horan

Veteran: Steve Cavadas

Firefighters Finishing up Training:

Firefighter 1 & 2: Zachary Kenreich, Jonathan Vandenburg

Appreciation Plaque: South Haven BigBoy Restaurant & Cashway Auto Body

Life Saving Award: Shawn Smith

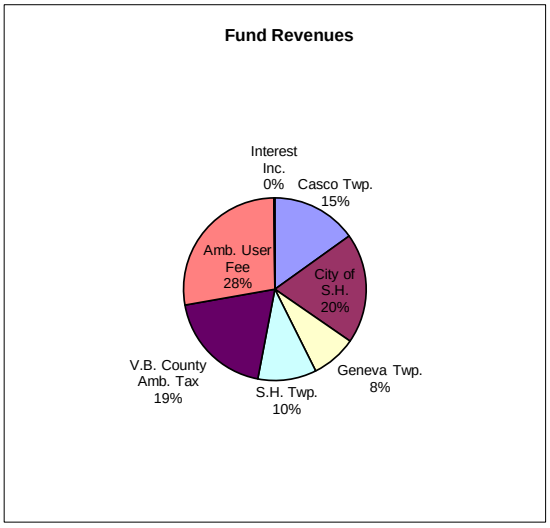
SHAES Leadership Award: Brian Montgomery

SHAES Firefighter of the Year Award: Tim Quinn

2015 BUDGET INFORMATION

REVENUES

Funding Sources:	Amount	Budget Percentage
Casco Township	$413,215.00	15.11%
City of South Haven	$533,649.00	19.51%
Geneva Township	$219,142.00	8.01%
South Haven Township	$283,848.00	10.38%
Van Buren County Ambulance	$525,629.00	19.22%
Ambulance User Fees	$755,000.00	27.60%
Interest Income	$5,000.00	0.18%
TOTAL	$2,735,483.00	100.00%



From Left to Right
2015 Life Saving Award: Shawn Smith
2015 Firefighter of the Year Award: Tim Quinn
2015 Leadership Award: Brian Montgomery
Executive Director: Ronald Wise

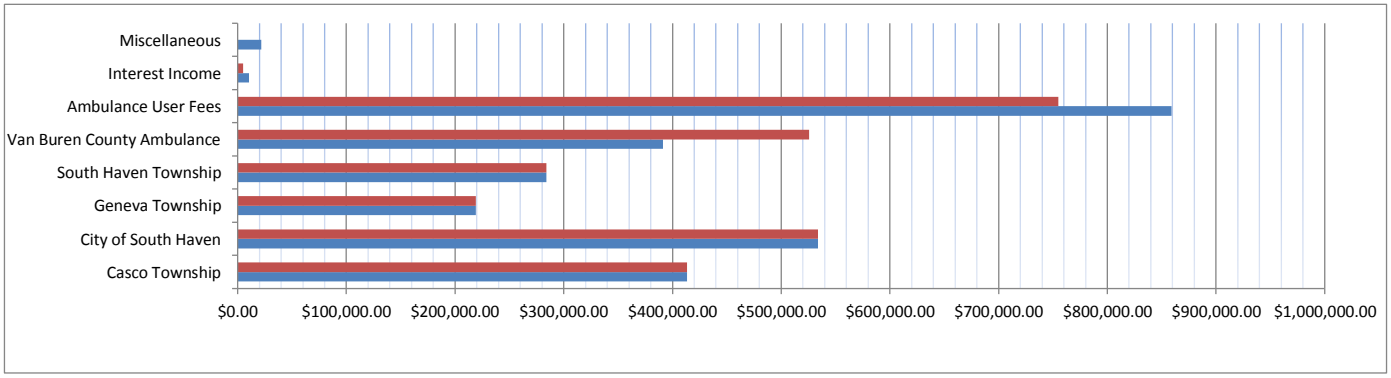
From Left to Right
Incoming Fire Chaplain Jonathan Vandenburg
Retiring Fire Chaplain Timothy McGee

BUDGET INFORMATION

Actual "vs" Budget Revenue for 2015

Funding Sources:	Actual Revenue	Budgeted Amount
Casco Township	$413,215.00	$413,215.00
City of South Haven	$533,649.00	$533,649.00
Geneva Township	$219,142.00	$219,142.00
South Haven Township	$283,848.00	$283,848.00
Van Buren County Ambulance	$391,183.19	$525,629.00
Ambulance User Fees	$859,165.00	$755,000.00
Interest Income	$10,602.25	$5,000.00
Miscellaneous	$21,649.00	$0.00
TOTAL	$2,732,453.44	$2,735,483.00

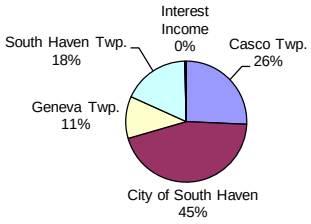
Historical Fire Truck Display



2015 FIRE & AMBULANCE REVENUE BUDGET

Fire Funding Sources:	Amount	Budget Percentage
Casco Township	$306,116.00	25.71%
City of South Haven	$533,648.00	44.82%
Geneva Township	$133,690.00	11.23%
South Haven Township	$212,315.00	17.83%
Interest Income	$5,000.00	0.42%
TOTAL	$1,190,769.00	100.00%

Fire Fund Revenues

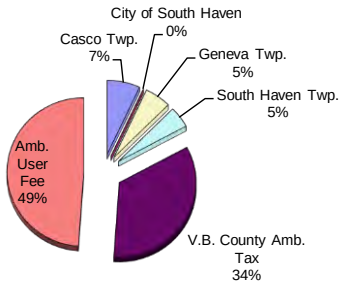


Treating and transporting the sick and injured

Ambulance Funding Sources:	Amount	Budget Percentage
Casco Township	$107,099.00	6.93%
City of South Haven	$0.00	0.00%
Geneva Township	$85,452.00	5.53%
South Haven Township	$71,533.00	4.63%
Van Buren County Ambulance Tax	$525,629.00	34.03%
Ambulance User Fees	$755,000.00	48.88%
TOTAL	$1,544,713.00	100.00%

All types of weather

Ambulance Fund Revenues



North Beach Medical Call

Fund Raiser For Richard Wheeler Family at American Legion

Handing out candy during 4th of July Parade

2015 - Apparatus Miles Driven

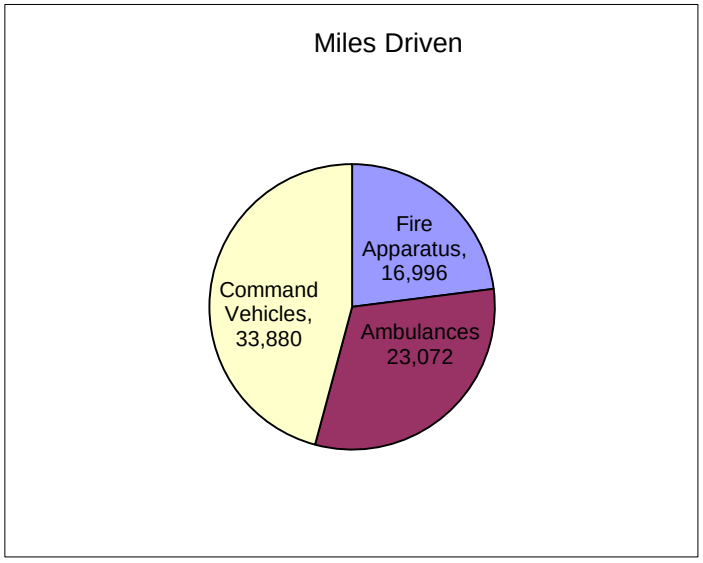
	Miles	Percentage	Percentage
Fire Trucks:			
Engine 1	882	5.19%	
Engine 2	1,046	6.15%	
Engine 3	1,864	10.97%	
Tower 1	241	1.42%	
Ladder 1	1,156	6.80%	
Rescue 1	641	3.77%	
Truck 3	6,432	37.84%	
Truck 4	142	0.84%	
Truck 5	2,919	17.18%	
Tanker 6	500	2.94%	
Tanker 7	466	2.74%	
Tanker 8	707	4.16%	
Total	16,996	100.00%	22.98%
Ambulances:			
Squad 1	13,470	58.38%	
Squad 2	8,750	37.93%	
Squad 3	852	3.69%	
Total	23,072	100.00%	31.20%
Command Vehicles:			
Command 1	13,639	40.26%	
Command 2	7,569	22.34%	
Dodge Van	12,672	37.40%	
Total	33,880	100.00%	45.82%
Grand Total	73,948		100.00%

Big Boy Fund Raiser

Casco Senior Luncheon at SHAES Station 1

2015 Miles Driven

	Miles	Percentage
Fire Apparatus	16,996	22.98%
Ambulances	23,072	31.20%
Command Vehicles	33,880	45.82%
Total Miles Driven	73,948	100.00%



From Left to Right
SHAES Executive Director: Ronald Wise
Newly Promoted Fire Lieutenant Tim Quinn
Newly Promoted Fire Lieutenant Brian Horan

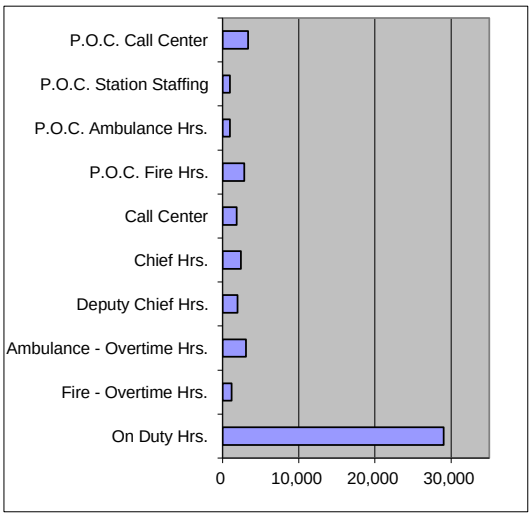
Training to sharpen skills

SHAES fire and water rescue boat

Personnel Hours - 2015

Description:	Payroll Hours	Percentage	Three Yrs. Average Hours	Percentage
On Duty Hrs.	29,015	61.08%	26,225	57.57%
Fire - Overtime Hrs.	1,179	2.48%	1,143	2.51%
Ambulance - Overtime Hrs.	3,077	6.48%	3,310	7.27%
Deputy Chief Hrs.	1,929	4.06%	2,001	4.39%
Chief Hrs.	2,389	5.03%	2,388	5.24%
Call Center	1,862	3.92%	1,941	4.26%
P.O.C. Fire Hrs.	2,829	5.96%	2,885	6.33%
P.O.C. Ambulance Hrs.	941	1.98%	971	2.13%
P.O.C. Station Staffing	947	1.99%	1,377	3.02%
P.O.C. Call Center	3,337	7.03%	3,313	7.27%
Total Hours for the Year	47,505	100.00%	45,554	100.00%

Discription:	Payroll Hours
On Duty Hrs.	29,015
Fire - Overtime Hrs.	1,179
Ambulance - Overtime Hrs.	3,077
Deputy Chief Hrs.	1,929
Chief Hrs.	2,389
Call Center	1,862
P.O.C. Fire Hrs.	2,829
P.O.C. Ambulance Hrs.	941
P.O.C. Station Staffing	947
P.O.C. Call Center	3,337
Total Hours for the Year	47,505



Code Blue call boxes

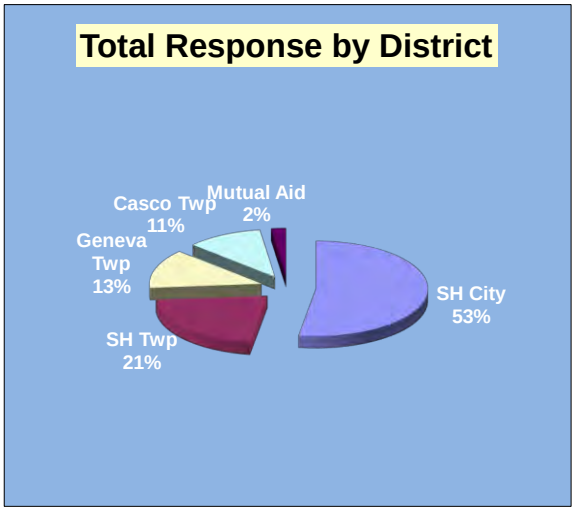
Fire safety fun fair: Firefighter for a night

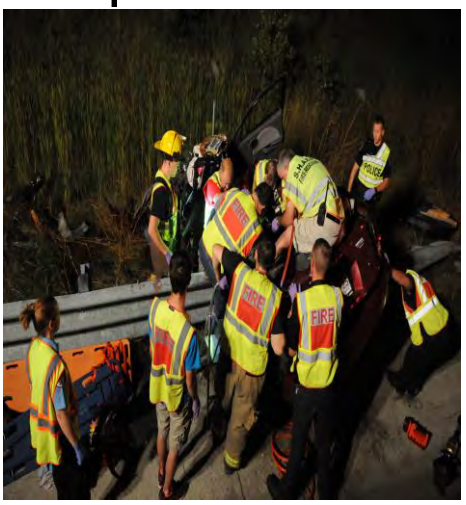
SHAES summer intern staff help with daily pier safety equipment check and the beach flag advisory system

2015 Fire & Medical Responses

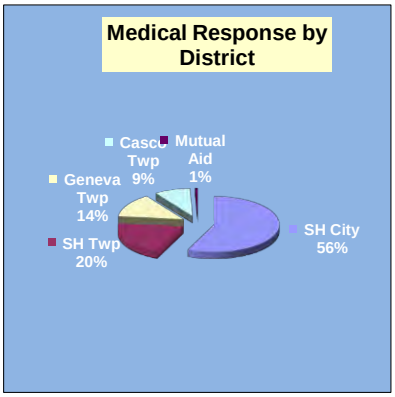
Working in very stressfull situations

	Total	Amb	Fire
SH City	1146	964	182
SH Twp	461	344	117
Geneva Twp	289	234	55
Casco Twp	240	151	89
Mutual Aid	47	11	36
Total	2,183	1,704	479

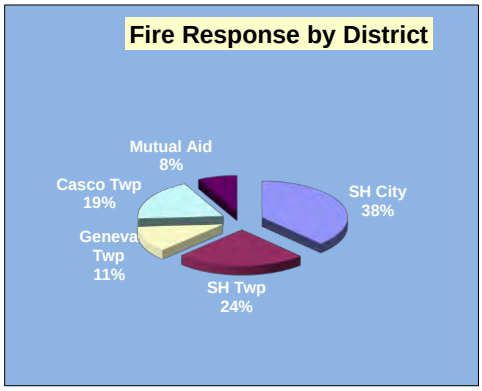




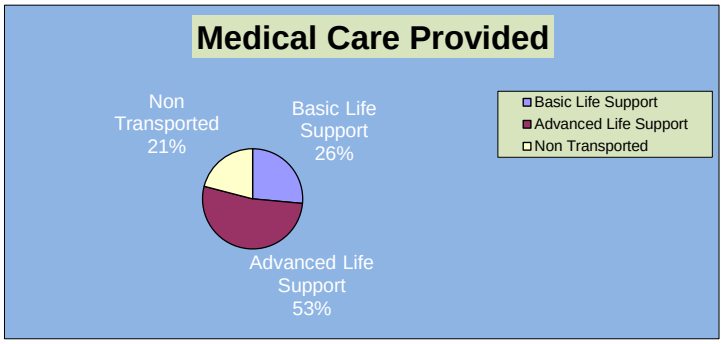
A Complete Team Effort



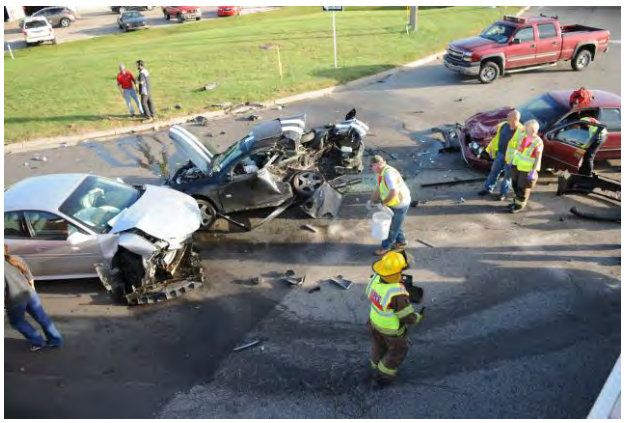
South Haven Historical Association



Medical Care Provided	
Basic Life Support	451
Advanced Life Support	896
Non Transported	357
Total	1,704



South Haven Historical Association display of Fire Department History



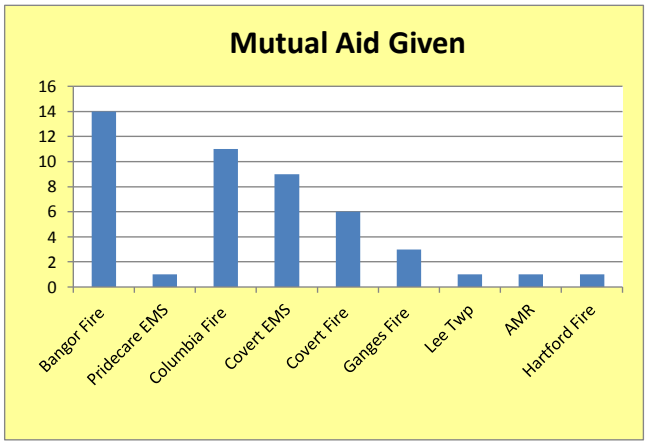
Working High Impact Accident Scene

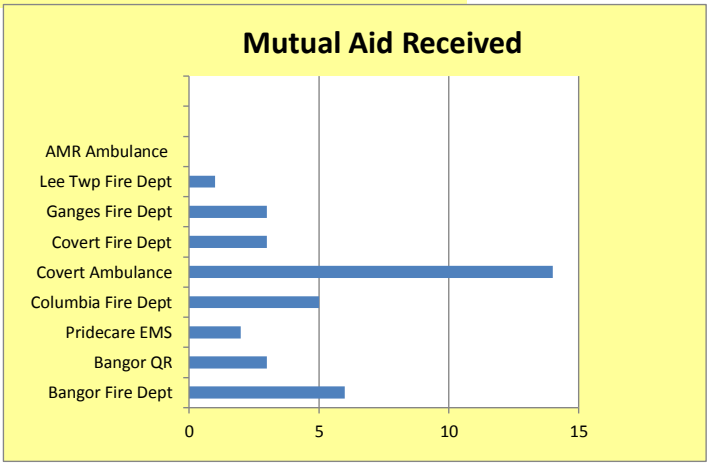
Assisting Bangor Fire Department with Large Barn Fire

Columbia Twp Fire Chief & SHAES Chief working together

Mutual Aid Given and Received 2015

Given		Received	
Bangor Fire	14	Bangor Fire Dept	6
Pridecare EMS	1	Bangor QR	3
Columbia Fire	11	Pridecare EMS	2
Covert EMS	9	Columbia Fire Dept	5
Covert Fire	6	Covert Ambulance	14
Ganges Fire	3	Covert Fire Dept	3
Lee Twp	1	Ganges Fire Dept	3
AMR	1	Lee Twp Fire Dept	1
Hartford Fire	1	AMR Ambulance	0
Other	0		





SHAES and Covert Township Fire training together

Training On Types Of Energy Production

2015 Estimated Structure Fire Loss

	Property Value:	Property Loss:	Property Saved:	Percent Lost:	Percent Saved:
South Haven City	$20,000	$20,000	$0	100.00%	0.00%
South Haven Twp	$1,663,000	$98,000	$1,565,000	6.00%	94.00%
Geneva Township	$267,000	$102,000	$165,000	38.00%	62.00%
Casco Township	$240,000	$85,000	$155,000	35.00%	65.00%
Total:	**$2,190,000**	**$305,000**	**$1,885,000**	**14.00%**	**86.00%**

Fire Sprinklers in homes and businesses can save property

South Haven Township saw a large increase with property saved due to fire sprinklers in two buildings that encountered fire.

Fire loss can be minimized by immediately identifying that an emergency exists, calling 9-1-1 and a rapid response by emergency personnel. Most large loss fires went unnoticed for some time before 911 was called which leads to a much larger loss of property.

2015	Injuries	Deaths
Civilian	1	0
Firefighters (in station)	0	0
Firefighters (training events)	0	0
Firefighters (on emergency scenes)	1	0
Total	2	0

Civilian injuries during 2015 included (1) smoke inhalation and (1) burns to face and hands.

Firefighter injuries during 2015 included (1) Hand injury at a fire scene.

SHAES fulltime staff complete a yearly physical assessment to ensure physical competency of the job.

Sixth Grand Camp Fire Education

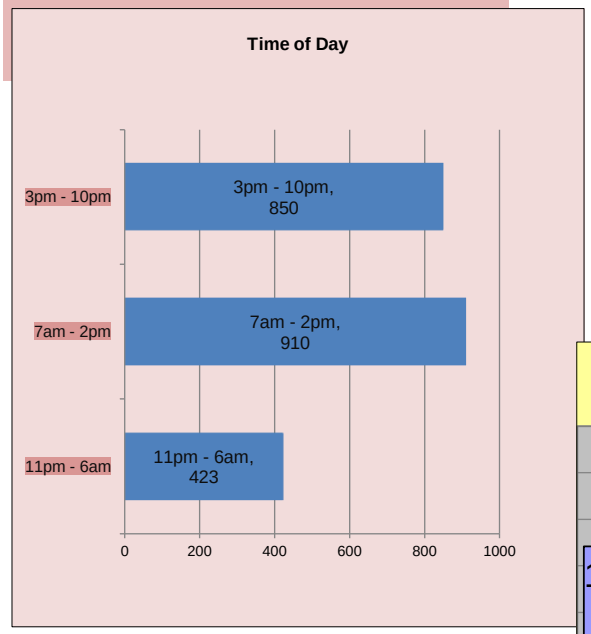
Fire Prevention Week at St.Basil School

Active Shooter Drill at South Haven School

SHAES Honor Guard at US Forest Service Firefighter Richard Wheeler Funeral

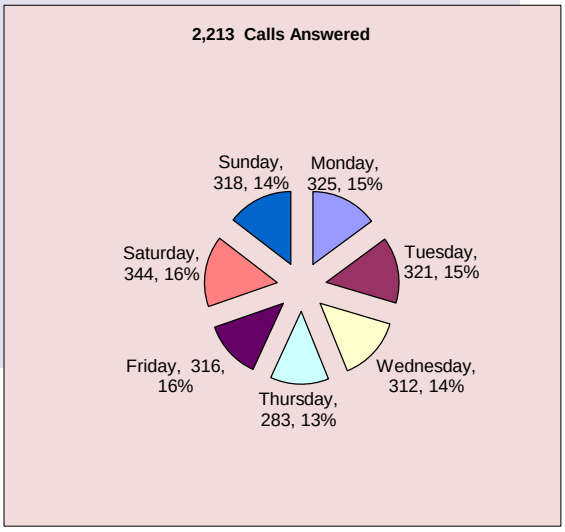
2015 Time of Day for Alarm

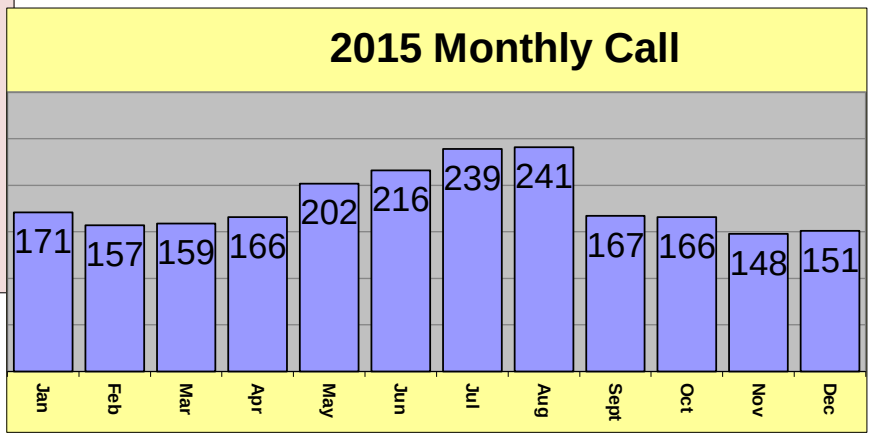
11pm - 6am	423
7am - 2pm	910
3pm - 10pm	850
Total	2,183



Day of the Week

Monday	325
Tuesday	321
Wednesday	312
Thursday	283
Friday	280
Saturday	344
Sunday	318
Total	**2,183**





Training With Van Buren Sheriff Dive Team

SHAES Honor Guard

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total
2015	171	157	159	166	202	216	239	241	167	166	148	151	2183
2014	180	138	163	160	182	177	228	206	210	190	189	190	2213
2013	166	142	153	145	167	217	214	201	165	184	146	131	2,031
2012	134	121	167	142	146	156	220	168	153	145	152	164	1,868
2011	127	129	131	122	113	143	196	166	162	124	121	113	1,647
2010	138	134	123	116	158	150	187	180	135	137	140	133	1,738
2009	137	109	152	122	114	153	143	180	157	147	155	151	1,720
2008	147	145	143	143	128	141	172	168	144	141	122	159	1,753
2007	117	99	136	114	145	160	184	206	134	126	114	146	1,681
2006	98	132	115	136	162	139	194	161	143	138	108	111	1,638
2005	112	119	128	151	147	145	166	174	140	123	138	141	1,673
2004	146	109	124	147	134	126	167	143	135	105	132	130	1,598
2003	110	138	125	127	146	135	170	182	124	138	115	128	1,639
2002	121	102	143	141	157	169	222	206	154	152	122	124	1,811
2001	132	99	111	140	147	158	165	144	110	139	129	130	1,602

Response Times

Average Response Times for All Types of Calls (Emergency and Non-Emergency)

2015	Fire	Medical	Total
South Haven City	5 Minutes	4 Minutes	4.5 Minutes
South Haven Twp	6 Minutes	6 Minutes	6 Minutes
Geneva Twp	9 Minutes	8 Minutes	8.5 Minutes
Casco Twp	7 Minutes	7 Minutes	7 Minutes
SHAES Authority	8 Minutes	7 Minutes	7.5 Minutes

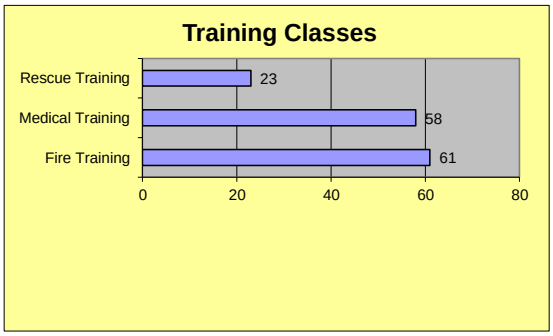
Vehicle Fire At Briar Hills Apartment

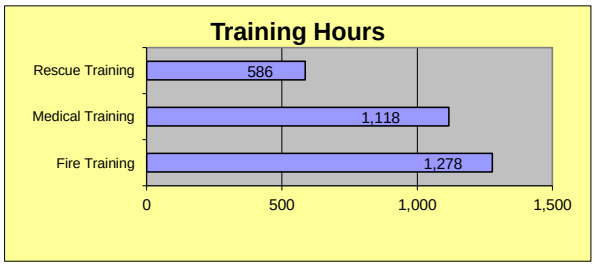
Average response times for specific types of incidents

	SH City	SH Twp	Geneva Twp	Casco Twp	SHAES Authority
Structure Fires	4 Minutes	6 Minutes	7 Minutes	9 Minutes	**6 Minutes**
Vehicle Fires	4 Minutes	7 Minutes	11 Minutes	6 Minutes	**7 Minutes**
Woods/Grass Fires	N/A	7 Minutes	7 Minutes	8 Minutes	**7 Minutes**
Auto-Accident Rescues	4 Minutes	6 Minutes	10 Minutes	8 Minutes	**7 Minutes**
Emergency Medical Calls	4 Minutes	6 Minutes	9 Minutes	8 Minutes	**7 Minutes**
Motor-Vehicle Accidents	3 Minutes	5 Minutes	8 Minutes	9 Minutes	**6 Minutes**

2015 Training

	Staff Hours		Classes
Fire Training	1,278	Fire Training	61
Medical Training	1,118	Medical Training	58
Rescue Training	586	Rescue Training	23
Total	**2,982**	**Total**	**142**





Structure Fire on Fruit Street

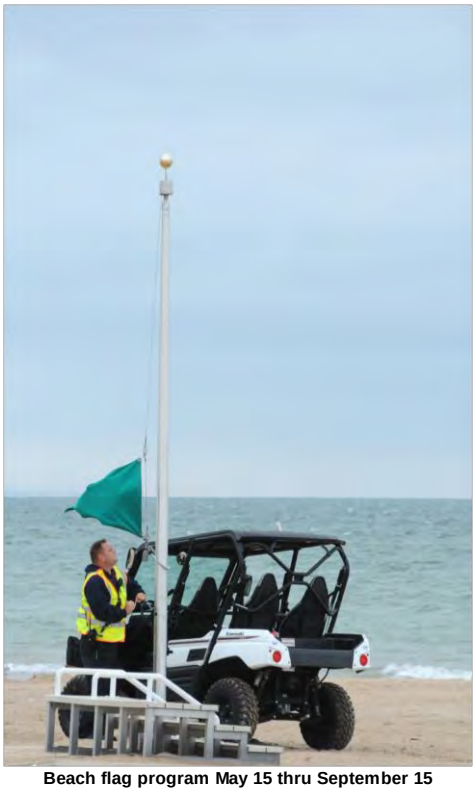
2015 fire prevention with students

Citizens Fire Academy

Beach safety messages

Fire Safety Bounce House

Appreciation Plaque to CashWay AutoBody

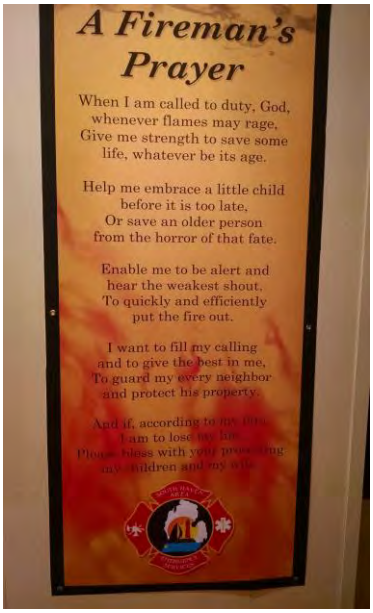


Beach flag program May 15 thru September 15

From Left to Right
Retired Fire Lieutenant David Henry 36 Years of Service to SHAES
State Senator Tonya Schuitmaker
Retired Firefighter Donald Quinn 20 Years of Service to SHAES

Stucture Fire in South Haven Township

Training To Get It Right



Historical Display

Blue Star Hwy and 6th Ave Motor Vehicle Accident

Compassion and Care

Salute to Our Vetrans

Closing the HighWay

Rembering Our Past

Training at Albemarle

Geneva Township Automobile Accident