

THIENSVILLE FIRE DEPARTMENT



ANNUAL REPORT 2014



Thiensville Fire Department

250 Elm Street

Thiensville, Wisconsin 53092

Phone 262.242.3393 Fax 262.242.238.4448

Honorable Village Board Members,

It is an honor to present our 2014 Annual Report on behalf of the dedicated men and women of the Thiensville Fire Department for your review. The Department continued on its' successful path by responding to 17% more calls for service over the previous year, of which 143 calls were overlapping. I am also pleased to report that 53% of the time the first due vehicle was on scene within less than five minutes. 82% of the time the first due apparatus was on scene within eight minutes which is very good for a paid on-call department. Our average overall response time in the village for both fire and EMS was 5.55 minutes which rivals response times of career departments.

The dedicated men and women of the T.F.D. continued their commitment toward community outreach with 30 different activities that were recorded last year. There are countless more spontaneous informal tours and community outreach opportunities that were not documented by staff. In addition to their minimum 72 monthly on-call hours and volunteer community outreach hours, our members donate many fund-raising hours in order to keep taxpayer support of the Department as low as possible. Clearly the men and women understand and embrace the need to be engaged in the community they serve!

All these achievements would not be possible without your support. I hope that the following report will paint a more vivid picture of the many outstanding services that your fire department is providing to the great Village of Thiensville and our neighboring communities!

Regards,

Brian J. Reiels

Brian J. Reiels
Fire Chief

Executive Summary:

All the certifications and in-house training means nothing unless the equipment and personnel responds to the incident in a timely fashion. The fact the call volume was nearly 20% higher and the Thiensville Fire Department had an average response time between fire and EMS of 5.55 minutes is truly impressive for a paid on-call department. That response time is comparable with career-staffed fire departments! Although TFD has always had good response times, we are continually working and adjusting our delivery of services to further reduce those response times.

Education

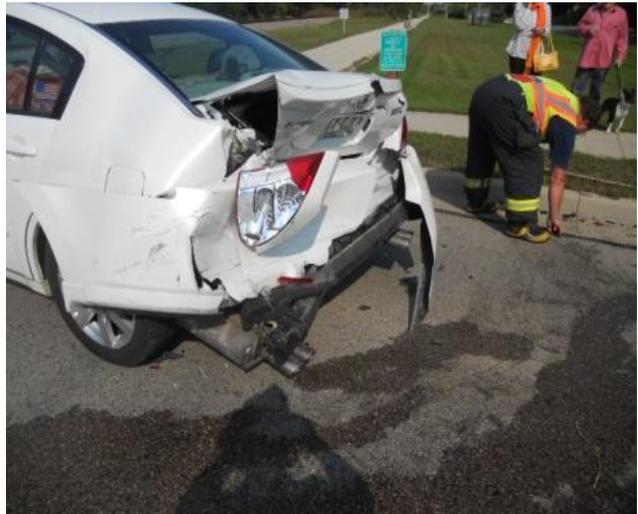
Education remains a department priority by providing robust department-based Fire, EMS and Dive training opportunities and by encouraging further State certifications that occur at area technical colleges. We had multiple people in EMT, Paramedic and Dive Certification classes as well as one member taking Firefighter I. It is noteworthy to mention, Thiensville Fire Department is the only fire department in Ozaukee County that requires new members to have dual certification in both Firefighter I and EMT Basic. This allows for the greatest flexibility in the deployment of available staff when incidents come in. We also find that it makes department members better overall because they have a global perspective of all aspects of department operation.



EMS

While Thiensville Fire Department was the first paramedic-level service provider in Ozaukee County, the Emergency Medical Service landscape is changing further with Grafton Fire Department's addition of paramedic-level service. Ozaukee County now is home to four fire department-based Advanced Life Support Services (Thiensville, Mequon, Grafton and Port Washington). Retention of paramedics will continue to be a greater challenge as surrounding fire departments with Paramedic Programs are now all offering hourly pay for paramedics to staff their stations. At the present time, Thiensville Fire Department is the only paramedic service in Ozaukee County that does not pay hourly for paramedics to stand by for calls. While it definitely makes us the best bargain for taxpayers, it presents challenges for the retention of paramedics. The Department Administrative team is discussing creative, low cost ways of overcoming these challenges.

In 2014, the Thiensville Fire Department paramedics responded to 651 calls for service, of those calls, 24 patients were pulse-less. As a result of our advanced life support interventions, 10 of those patients regained pulses before arrival to the hospital and four are alive today as a result of TFD.



Fleet

The Village of Thiensville is fortunate to have a strong funding partner in the Thiensville Fire Department Incorporated. The non-profit fund-raising group is responsible for funding 70% of the fleet and is responsible for purchases of the following:

- Both Advanced Life Support Ambulances and monitoring equipment
- EMS Utility All-Terrain Vehicle
- Dive Truck and all Dive Equipment
- Paramedic Intercept Vehicle
- Inspection and Training Van
- Fire Station Remodeling Project

The Thiensville Fire Department Corporation authorized funding of our new command vehicle and enables us to respond more efficiently to incidents of smaller scope. It also provides the missing equipment and technology that the department requires for larger and more challenging incidents. Hundreds of hours over the last year were dedicated to looking at other surrounding departments' command vehicles to establish the best layout and

design to ensure our new vehicle will meet the department's needs for years to come. The vehicle has already proven to be invaluable on several incidents.

The major purchase on the horizon for the Village is the replacement of the 1985 Seagrave Pumper. Now 30 years old, we have had great difficulty getting it to pass the required annual pump tests. Due to its age, it also is missing many of the safety features we take for granted in modern vehicles, such as, anti-lock brakes, shoulder harness-style seatbelts, closed cab, to mention a few. Despite its' age, it is still an integral part of our fire suppression operations having responded to 13 calls for services in 2014.

Fire Prevention

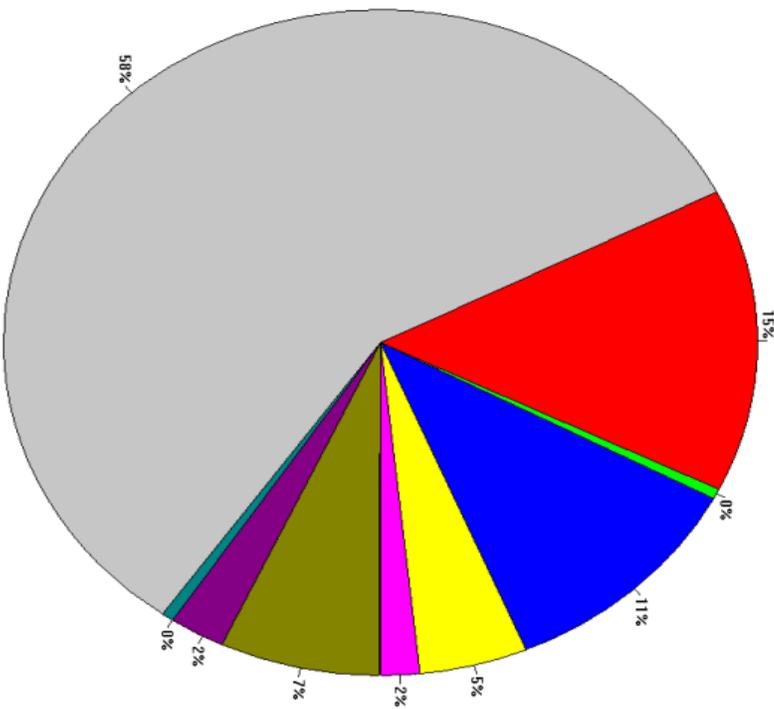
As the Village continues to develop its' commercial district, our shared service agreement for plan review with North Shore Fire Department has proven to be invaluable. Fire Marshall, Matt Mertens, has provided the expertise that our in-house staff was unable to provide. Navigating the fire and life safety codes for new construction and significant remodeling requires the expertise that N.S.F.D. is able to provide. Matt's knowledge and guidance helped us through several significant issues over the last several years. As you will recall, the Village has no out-of-pocket expense for this resource because N.S.F.D. collects all the permit fees for this service. Our in-house staff still conducts the semi-annual code compliance inspections in accordance with State of Wisconsin Statutes.

Severe Weather Tests TFD - Last June

The Thiensville Fire Department was put to the test when severe weather struck on June 30, 2014. In a period of 2-½ hours, TFD responded to 13 calls for service related to high winds that hit the Village with destructive force. Literally every heavy apparatus (fire engines and Quint) was staffed along with both ambulances and support vehicles to ensure prompt response. Amazingly our small department was able to respond to incidents in less than two minutes of calls being dispatched!

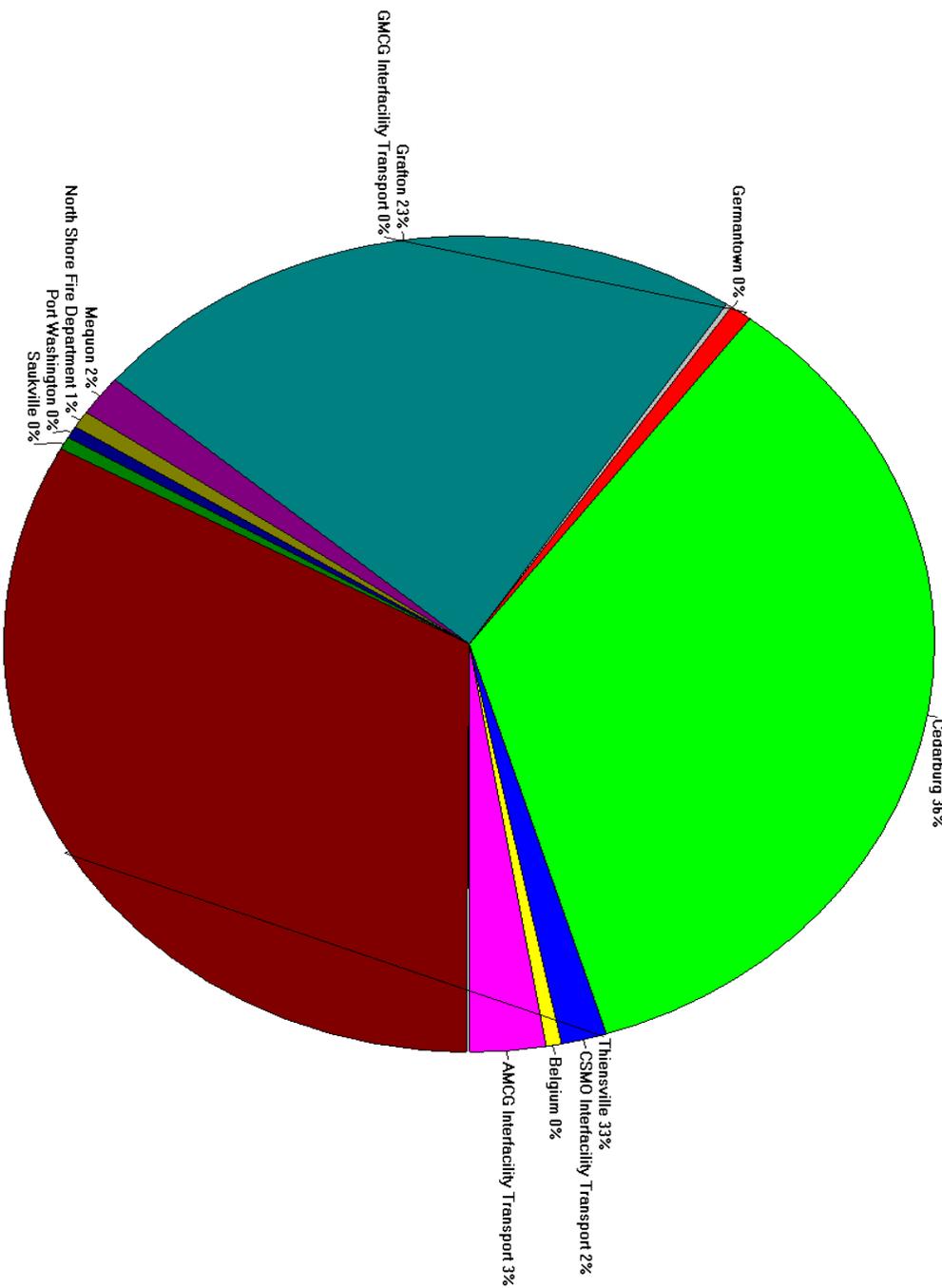


Total Staff Hours by Training Category
Date Between (01/01/2014) And (12/31/2014)

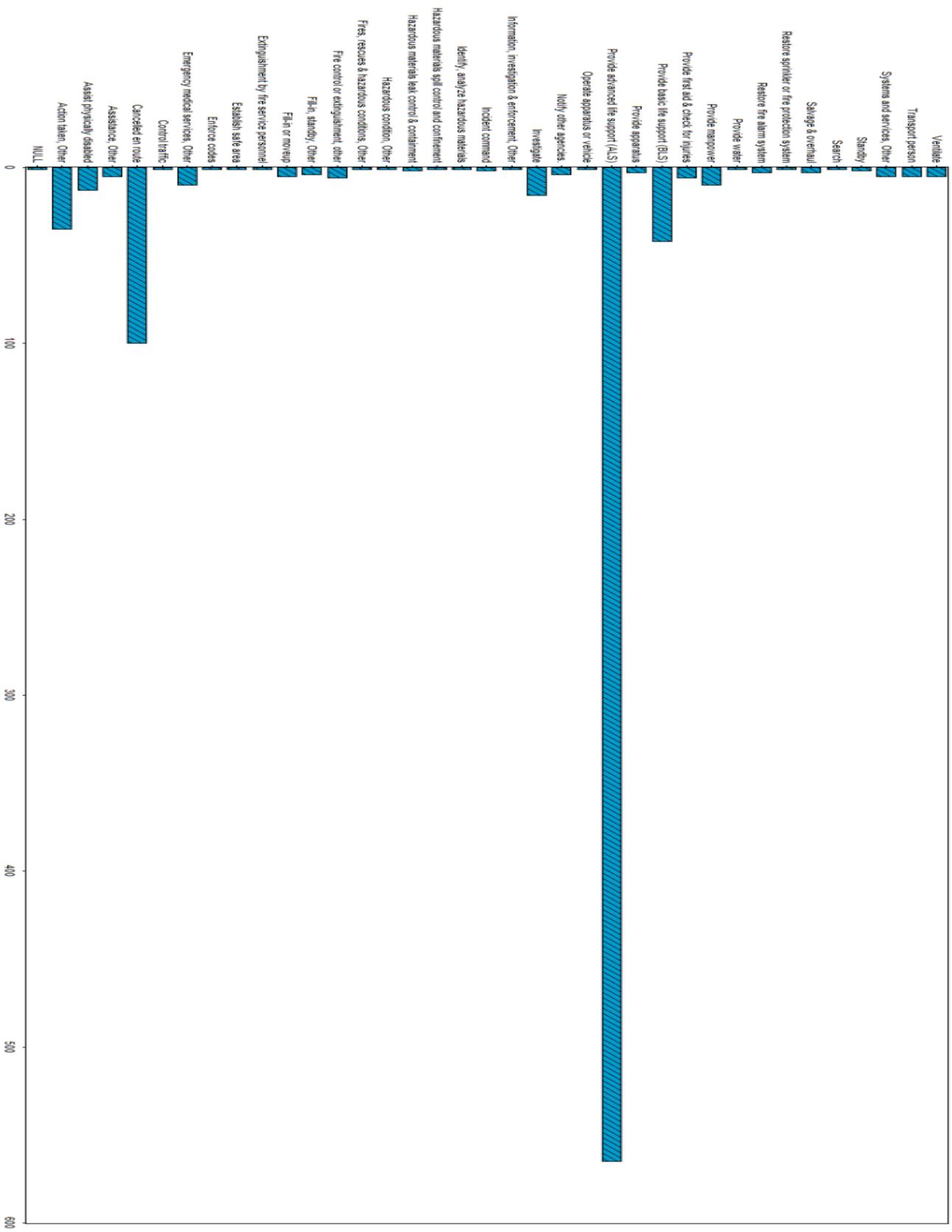


- ALS Practice
- Bloodborne Pathogen Training
- Dive Rescue Training
- EMS Officer Meeting
- EMS Practice
- Fire Practice
- General Building Construction
- Other Training
- Strategic and Tactical Operations

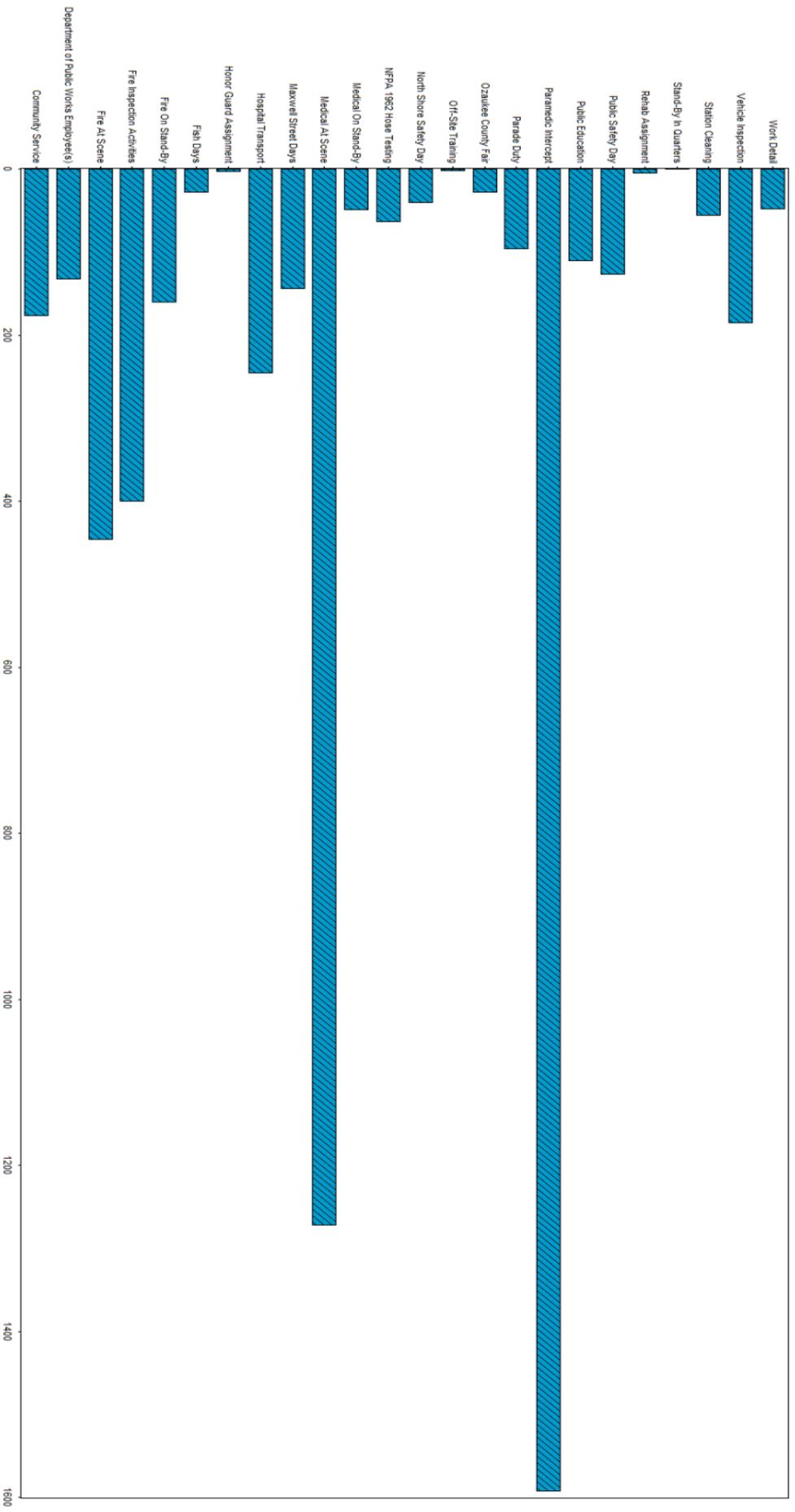
Incidents by District
Alarm Date Between (10/01/2014) And (12/31/2014)



Type of Action Taken Graph
 Alarm Date Between (01/01/2014) And (12/31/2014)



Total Staff Hours by Activity Code
 Date Between (01/01/2014) And (12/31/2014)



2014 Community Outreach Event Summary

DATE	TIME	EVENT (TFD MEMBER HOST)	# OF CHILDREN	# OF ADULTS	SPONSOR / DONOR
THU.1/16/14	4-6PM	GIRL SCOUTS FIRST AID / EMS	35	10	ORIOLE LANE GIRL SCOUTS
FRI. 1/24/14	12:30-3:30PM	SPECIAL INTEREST DAY - FIRE SAFETY (RANDY SHORT)	14	3	ORIOLE LANE SCHOOL SPECIAL INTEREST DAY
FRI. 3/21/14	8:35AM	FIRE TRUCK RIDE TO DONGES BAY SCHOOL	2	N/A	TARTAN BASH
SAT. 3/29/14	9:45-11:30AM	STATION TOUR / TALK (RANDY SHORT)	22	5	DAISY SCOUTS - Oriole Lane
SAT. 5/10/14	10:00-NOON	TFD BIRTHDAY PARTY / TOUR / TALK (RANDY SHORT, CHRIS DEAN)	16	10	JENNIFER MACKINNON
SUN. 5/18/14	12:30-3PM	TFD BIRTHDAY PARTY / TOUR / TALK (RANDY SHORT)	19	9	WILSON SCHOOL FUN FAIR
MON. 5/19/14	9:30AM	STATION TOUR / TALK (RANDY SHORT)	13	2	MEQUON PRESCHOOL
MON. 5/26/14	9-10AM	MEMORIAL DAY PARADE	450	250	
SAT. 5/31/14	9AM-4PM	BAYSHORE SAFETY DAY	3000	2000	BAYSHORE TOWN CENTER
FRI. 6/20/14	1:30-2:00PM	STATION TOUR / TALK (RANDY SHORT)	3	1	GLAZE POTTERY / GLAZE DAYZ SUMMER CAMP
SAT. 6/21/14	12:45-1PM	WALK-UP STATION TOUR	2	3	
SAT. 6/28/14	9-NOON	M-T FAMILY FUN B4 THE 4TH: PARADE	2	1	M-T PPI (Fundraiser Breakfast at River Club)
SAT. 6/28/14	9-NOON	M-T FAMILY FUN B4 THE 4TH: PARADE	1	2	M-T OPTIMIST CLUB
WED. 7/16/14	1:45-2:15PM	STATION TOUR / TALK (LT.JOEL DEUTSCH)	2	1	GLAZE POTTERY / GLAZE DAYZ SUMMER CAMP
THU. 7/24/14	9-NOON	FIRE DEMOS (2 SESSIONS) at WILSON ELEM. SCHOOL (RANDY SHORT)	52	10	ANNUAL SAFETY TOWN
FRI. 7/25/14	8:15-9:45AM	STATION TOUR / TALK (RANDY SHORT)	28	10	ANNUAL SAFETY TOWN
TUE. 7/29/14	8:45-NOON	FIRE SAFETY HOUSE TOUR at WILSON ELEM. SCHOOL (RANDY SHORT)	52	10	ANNUAL SAFETY TOWN
TUE. 7/29/14	5:00-9PM	VILLAGE OF BROWN DEER NIGHT OUT AGAINST CRIME	100	100	VILLAGE OF BROWN DEER
WED. 8/6/14	10:00-10:45AM	STATION TOUR / TALK (RANDY SHORT & RYAN JANUS)	22	5	JCC SUMMER CAMP PROGRM -CAMP GAN AMI
SAT. 9/6/14	11AM-5PM	JUST LISTEN - AN ACTIVITY FOR TEENAGERS	300	100	
SUN. 9/7/14	7:00-8:00PM	GRACE FEST (CHIEF REIELS)	30	120	GRACE LUTHERAN CHURCH
WED.10/15/14	9:30-11:15AM	STATION TOUR / TALK (RANDY SHORT & CHRIS DEAN)	14	7	CALVARY SCHOOL (K5)

WED.10/15/14	3:30-4:15PM	FIRE MUSEUM TALK (KURTIS WUEHR)	9	5	CUB SCOUTS (3RD GRD) - ORIOLE LANE SCHOOL
MON.10/20/14	10:00-11:00AM	FF & AERIAL VISIT to NORTH SHORE PRESCHOOL & CHILDCARE (LT JOEL DEUTSCH & DAVID FRENCH)	21	8	NORTH SHORE PRESCHOOL & CHILDCARE (MEQUON)
WED.10/22/14	9:30-11:15AM	TFD AERIAL VISIT TO OZ DAYCARE (CPTS ANDY LAFOND, JOHN WESTBROOKE, LT JOEL DEUTSCH, FF JEFF TRUDELL)	60	10	OZAUKEE DAYCARE (MEQUON)
THU.10/23/14	10:30-12:30PM	STATION VISIT / TOUR FOR HONORARY CORP MEMBER NED BJORKMAN, PARENTS (RANDY SHORT)	0	5	SHIRLEY WARBER
SUN. 10/26/14	4:00-7:00PM	TRUCK-OR-TREAT SO PEOPLE CAN EAT (CHIEF REIELS)	2500	600	
SUN.11/23/14	12:30-3:30PM	TFD BIRTHDAY PARTY / TOUR / TALK (RANDY SHORT, MITCH GAWIN, STEVEN OLIG)	16	4	KATIE & ADAM READ
FRI .12/5/14	7:00-9:30PM	VILLAGE TREE LIGHTING, VISITS to CHUCK'S PLACE, PRIME MINISTER, REMINGTON'S, CHEEL	150	60	
WED.12/10/14	6:30-8PM	STATION TOUR / TALK (RANDY SHORT & LT TERRY BELL)	11	8	CUB SCOUTS (2ND GRD) - WILSON SCHOOL
SAT. 12/13/14	9AM-NOON	KIDS-TO-KIDS TOY DRIVE	200	60	KAPCO
		TOTALS:	7111	2677	

2014 Community Outreach Photos



2014 Bayshore Safety Day



2014 Car Wash



**2014 Fun Before the 4th
M-T District Raffle Engine Ride
in Parade**



2014 Pancake Breakfast



**2014 Fire Prevention Week
Ozaukee Day Care**



**2014 Truck-or-Treat So People
Can Eat**

**Thiensville Fire Department
Years of Service
As of Tuesday, May 26, 2015**

Staff ID/Name	Rank	Hire Date	End Svc	#	Years
BAES01 Baese, Michael A	EMT- Basic	07/23/2010		4.84	*
BARR01 Barrett, Michael L	Lieutenant	05/22/2010		5.01	*
BELL01 Bell, Terry A	Lieutenant	07/28/2012		2.83	*
CANH01 Canham, Margie S		12/02/2002		12.48	
DEAN01 Dean, Christopher R	Firefighter/EMT	08/13/2012		2.78	*
DEUT01 Deutsch, Joel P	Lieutenant	06/14/2010		4.95	*
ERIC01 Erickson, Karen L	EMT-B/Registered Nurse	12/20/2005		9.43	*
FLEG01 Flegner, Jason L	EMT- Paramedic	08/09/2002		12.79	
FREN01 French, David R	Firefighter/EMT	08/19/2013		1.77	
FRIE01 Friesema, David J	Firefighter/Paramedic	08/19/2013		1.77	
GAWI01 Gawin, Mitchell	EMT/Firefighter	06/16/2014		0.94	
GENG02 Gengler, Craig J	Lieutenant	01/08/2007		8.38	*
GENG01 Gengler, Jonathan J	Firefighter/EMT-Trainee	12/16/2013		1.44	
GROC01 Groce II, Joe A	EMT-Trainee	01/19/2015		0.35	
ULME01 Handgraaf, Elisabeth M	Captain	05/18/2009		6.02	*
HEIS01 Heiss, Matthew J	EMT- Paramedic	03/04/2015		0.23	*
IHLE01 Ihler, Toni L	EMT- IV Tech	11/07/2000		14.55	*
JANU01 Janus, Ryan M	Firefighter/Paramedic	04/15/2013		2.11	
JENK01 Jenkins, Theodore P	EMT- Basic	12/15/2003		11.44	
JIME01 Jimenez, Sergio A	Probationary Firefighter	09/15/2014		0.69	
KATZ01 Katz, Jason L	Fire Marshal	08/31/2011		3.73	*
KATZ02 Katz, Steven A	EMT- Basic	05/17/2012		3.02	*
KONK02 Konkel, Kimberly L	Firefighter Trainee	09/15/2014		0.69	
LAFO01 LaFond, Andrew J	Captain	01/20/1997		18.35	
LIEB01 Lieb, Nicholas S	EMT/Firefighter	01/21/2013		2.34	
LIPP01 Lipp, Joshua D	Firefighter/Paramedic	08/29/2005		9.74	
MCGE01 McGee, Anna C	EMT/Firefighter	03/18/2013		2.19	
MIEL01 Mielenz, Amanda A	Firefighter/EMT	09/17/2012		2.69	*
NEUM01 Neuman, Brian M	EMT- Basic	09/01/2013		1.73	
NEUM02 Neuman, Peter C	Firefighter/EMT	11/10/2014		0.54	
NICH01 Nicholson, Scott H	EMT- IV Tech	11/15/1999		15.53	
OLIG01 Olig, Steven R	Firefighter/EMT	07/15/2013		1.86	
PERR01 Perry III, Lionell	Firefighter/EMT-Trainee	02/17/2014		1.27	
BAIN01 Redeker, Kaye F	EMT- Paramedic	07/11/2012		2.87	*
REIE01 Reiels, Brian J	Fire Chief	02/01/1989		26.31	
RUTH01 Ruth, Robert P	Firefighter/EMT	04/02/2010		5.15	*
SCHN01 Schneider, Elliot R	Firefighter	08/20/2001		13.76	
SHOR01 Short, Randy D	Firefighter/Paramedic	04/19/2013		2.10	*
STER01 Sternig, Kyle J	Probationary Firefighter	09/15/2014		0.69	
TRUD01 Trudell, Jeffrey R	EMT/Firefighter-Trainee	06/16/2014		0.94	
WATS01 Watson, Caitlin E	EMT- Paramedic	05/13/2013		2.04	
WEST02 Westbrooke, John A	Captain	11/18/1996		18.52	

* Indicates Years of Service calculated from Adjusted Hire Date

**Thiensville Fire Department
Years of Service
As of Tuesday, May 26, 2015**

Staff ID/Name	Rank	Hire Date End Svc	# Years
WILL01 Williams, Patrick J	Captain	07/03/1989	25.90
WUCH01 Wucherer, Chad J	EMT- IV Tech	09/01/2013	1.73
WUEH02 Wuehr, Kurtis E	Firefighter/EMT	07/21/2003	11.85

Total Personnel Listed: 45

Thiensville Fire Department

Incident Type Period Comparisons

Alarm Date Between {01/01/2014} and {12/31/2014}

Incident Type	01/01/2014	01/01/2013	01/01/2012	01/01/2011
	to 12/31/2014	to 12/31/2013	to 12/31/2012	to 12/31/2011
	1	0	0	0
100 Fire, Other	3	1	11	6
111 Building fire	14	16	13	15
113 Cooking fire, confined to container	2	1	3	0
114 Chimney or flue fire, confined to chimney or	0	1	0	0
115 Incinerator overload or malfunction, fire	1	0	0	0
116 Fuel burner/boiler malfunction, fire confined	0	1	0	1
118 Trash or rubbish fire, contained	2	0	1	0
132 Road freight or transport vehicle fire	1	0	0	0
140 Natural vegetation fire, Other	1	1	0	1
142 Brush or brush-and-grass mixture fire	0	1	1	1
150 Outside rubbish fire, Other	1	0	1	0
151 Outside rubbish, trash or waste fire	1	0	0	1
154 Dumpster or other outside trash receptacle fire	0	0	0	1
160 Special outside fire, Other	0	1	0	0
200 Overpressure rupture, explosion, overheat other	1	0	0	0
300 Rescue, EMS incident, other	0	3	5	0
311 Medical assist, assist EMS crew	0	2	2	1
320 Emergency medical service, other	0	3	11	0
321 EMS call, excluding vehicle accident with injury	651	542	552	705
322 Motor vehicle accident with injuries	14	10	16	44
323 Motor vehicle/pedestrian accident (MV Ped)	1	2	0	3
324 Motor Vehicle Accident with no injuries	2	2	3	3
340 Search for lost person, other	0	1	0	0
341 Search for person on land	0	0	0	1
342 Search for person in water	0	2	1	0
351 Extrication of victim(s) from building/structure	0	1	0	0
360 Water & ice-related rescue, other	0	2	2	0
362 Ice rescue	0	1	0	0
363 Swift water rescue	0	0	0	1
372 Trapped by power lines	0	0	0	1
381 Rescue or EMS standby	2	1	1	1
400 Hazardous condition, Other	0	3	5	1
410 Combustible/flammable gas/liquid condition,	0	1	0	0
411 Gasoline or other flammable liquid spill	1	2	0	1
412 Gas leak (natural gas or LPG)	8	3	5	4
413 Oil or other combustible liquid spill	0	0	1	0
424 Carbon monoxide incident	3	1	3	0
440 Electrical wiring/equipment problem, Other	0	2	3	3
442 Overheated motor	0	0	1	0
444 Power line down	4	1	2	1

Thiensville Fire Department

Incident Type Period Comparisons

Alarm Date Between {01/01/2014} and {12/31/2014}

Incident Type	01/01/2014 to 12/31/2014	01/01/2013 to 12/31/2013	01/01/2012 to 12/31/2012	01/01/2011 to 12/31/2011
445 Arcing, shorted electrical equipment	1	0	2	2
460 Accident, potential accident, Other	0	0	1	0
463 Vehicle accident, general cleanup	0	0	0	1
500 Service Call, other	0	1	0	0
510 Person in distress, Other	1	1	1	2
511 Lock-out	1	2	1	0
522 Water or steam leak	0	1	1	1
531 Smoke or odor removal	1	2	2	6
550 Public service assistance, Other	4	3	0	0
551 Assist police or other governmental agency	1	0	1	1
552 Police matter	0	0	0	1
553 Public service	2	0	0	0
554 Assist invalid	9	23	19	3
561 Unauthorized burning	0	0	0	1
571 Cover assignment, standby, moveup	6	10	6	1
611 Dispatched & cancelled en route	100	74	135	162
622 No Incident found on arrival at dispatch address	0	0	0	1
651 Smoke scare, odor of smoke	0	2	0	1
700 False alarm or false call, Other	4	3	9	6
730 System malfunction, Other	1	0	0	1
731 Sprinkler activation due to malfunction	0	2	0	0
733 Smoke detector activation due to malfunction	3	1	1	0
735 Alarm system sounded due to malfunction	0	0	2	3
736 CO detector activation due to malfunction	2	2	1	2
740 Unintentional transmission of alarm, Other	2	0	0	0
741 Sprinkler activation, no fire - unintentional	1	0	0	0
743 Smoke detector activation, no fire -	1	1	1	0
745 Alarm system activation, no fire - unintentional	2	1	0	2
746 Carbon monoxide detector activation, no CO	0	0	0	1
800 Severe weather or natural disaster, Other	0	2	0	0
813 Wind storm, tornado/hurricane assessment	9	0	0	0
815 Severe weather or natural disaster standby	0	0	0	1
911 Citizen complaint	0	0	1	0
Totals	865	739	827	995

Fleet Summary



**Dive/Rescue Vehicle 553 &
13-foot Boston Whaler**

Holds equipment and supplies for eight divers. Allows for rapid, deep and ice water rescue operations. Boston Whaler provides peripheral assistance for water rescue operations and safety monitoring of local waterways.



**Pumper/Tanker 562 –
1997 Pierce Quantum
Pumper/Tanker**

Features 2,000 gallon per minute pump; 2,500 gallon internal water tank; 40 gallons of Class A foam; equipped for seven firefighters and basic life support (BLS) EMS supplies.

Ambulances 551 & 552 - 2005 GMC C4500 Med Tec

Fully-equipped for BLS, ALS and Paramedic service



**Command Vehicle 556 - 2000 F-
350 Ford Van**

Used for on-scene command functions, inspections, and training transportation.



**Intercept Vehicle 555 - 2010
Custom-designed Chevrolet
Police Edition Tahoe**

Equipped with state-of-the-art Paramedic and RN level supplies. Used for paramedic intercepts and back-up Command vehicle.



**Kubota 550 - RV9000 All-Terrain
Vehicle**

4x4 custom-designed vehicle for delivery of EMS and rescue services in all environments, and for large crowd events when ambulance “access” is difficult or prohibited. Fully-equipped with BLS, ALS and Paramedic/RN supplies.



**Quint 561- 2007 Pierce 105
foot pre-piped Aerial Ladder**

1,250 gallon per minute monitor, 2,000 gallon per minute pump; 500 gallon internal water tank; Class A foam tank; compressed air foam system pump; 15,000-watt hydraulic generator; ISG Thermal Imaging Cameras; MSA 4-gas detector; equipped for eight firefighters and basic life support (BLS) EMS supplies.



1935 Seagrave Pumper

This restored pumper is used for public relations activities and ceremonial duties. The Seagrave is on public display at the TFD Fire Museum.



**Engine 563 - 1985 FWD
Pumper**

2,000 gallon per minute pumper from a 1,000 gallon tank and is our supply engine for rural operations.



Ford Expedition - 2015

Equipped with state-of-the-art incident command cabinetry complete with radio systems that allow communication with different mutual aid radios. This vehicle also has basic life support (BLS) supplies for EMS calls.